



**Enbridge Gas Inc.**

# **Environmental Report Update**

**5371 Boundary Road Pipeline Project**

**January 2023, Rev. 0 - 22-4863**

# Table of Contents

## Acronyms and Abbreviations

<b>1.0</b>	<b>Introduction</b>	<b>1</b>
1.1	Project Background .....	1
1.2	Project Description .....	1
1.3	Scope of the Environmental Report Update .....	4
1.4	Regulatory Framework .....	4
<b>2.0</b>	<b>Study Process</b>	<b>5</b>
2.1	Identification of Study Areas and Environmental Inventory .....	5
2.2	Routing Constraints Analysis .....	9
2.3	Effects Assessment and Proposed Mitigation Measures .....	9
<b>3.0</b>	<b>Stakeholder Engagement and Indigenous Consultation</b>	<b>10</b>
3.1	Objectives .....	10
3.2	Consultation Activities .....	11
3.2.1	Contact List .....	11
3.2.2	Project Website and Project Email .....	12
3.2.3	Public Notice .....	13
3.2.4	Virtual Public Information Session .....	15
3.3	Indigenous Consultation .....	17
3.4	Ongoing Engagement Activities .....	18
<b>4.0</b>	<b>Physical, Natural and Socio-Economic Environment Setting</b>	<b>19</b>
<b>5.0</b>	<b>Effects Assessment and Proposed Mitigation</b>	<b>20</b>
<b>6.0</b>	<b>Cumulative Effects Assessment</b>	<b>21</b>
6.1	Methods .....	21

6.1.1	Spatial and Temporal Boundaries .....	21
6.1.2	Criteria for Characterizing Cumulative Effects .....	22
6.1.3	Evaluation of Significance of Cumulative Effects .....	23
6.2	Existing and Reasonably Foreseeable Activities and Disturbances .....	24
6.2.1	Existing Activities .....	24
6.2.2	Reasonably Foreseeable Developments .....	26
6.3	Residual Effects Carried forward in the Cumulative Effects Assessment .....	34
6.4	Identification and Analysis of Potential Cumulative Effects .....	34
6.4.1	Reduction in Surface Water Quality .....	34
6.4.2	Loss or Alteration of Vegetation .....	35
6.4.3	Weed Introduction and/or Spread .....	37
6.4.4	Changes to Wildlife Habitat, Movement, and Mortality Risk .....	37
6.4.5	Increase in Nuisance Noise .....	40
6.4.6	Increase in Traffic on Local Roads .....	41
6.5	Cumulative Effects Assessment Summary .....	41
<b>7.0</b>	<b>Summary and Conclusions</b>	<b>43</b>
<b>8.0</b>	<b>References</b>	<b>45</b>

**Figures**

Figure 1: Project Overview .....	3
Figure 2: Study Area Boundaries .....	7
Figure 3: Snapshot of Enbridge Gas Project Website .....	12
Figure 4: Snapshot of Social Media Ads .....	14



## Tables

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Table 1: Characterization Criteria for Evaluation of Significance .....	22
Table 2: Update on Projects Previously Identified in the ER for Inclusion in the Cumulative Effects Assessment .....	27
Table 3: Projects Identified for Inclusion in the Cumulative Effects Assessment .....	31

## Appendices

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A	Contact List
B	Notice of Project Recommencement (English and French)
C	Stakeholder Engagement Log
D	Virtual Public Information Session Presentation and Video Transcript (English and French)
E	Comment Form (English and French)
F	Indigenous Consultation Log
G	Natural Environment Review and Photo Log

## Acronyms and Abbreviations

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CRRRC	Capital Region Resource Recovery Centre
Dillon	Dillon Consulting Limited
ECA	Environmental Compliance Approval
Enbridge Gas	Enbridge Gas Inc.
ER	Environmental Report
GHD	GHD Ltd.
LTC	Leave-to-Construct
MOE	Ministry of Energy
Notice	Notice of Project Recommencement and Virtual Public Information Session
OEB	Ontario Energy Board
OEB Guidelines	Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition
OPCC	Ontario Pipeline Coordinating Committee
SAR	Species at Risk
Taggart Miller the Project	Taggart Miller Environmental Services 5371 Boundary Road Pipeline Project

## 1.0 Introduction

Enbridge Gas Inc. (Enbridge Gas) retained Dillon Consulting Limited (Dillon) to complete the environment-related scope for the proposed 5371 Boundary Road Pipeline Project (the Project) to support a Leave-to-Construct (LTC) Application to the Ontario Energy Board (OEB).

### 1.1 Project Background

Enbridge Gas first initiated the Project in 2019 at the request of two customers. GHD Ltd. (GHD) was retained to carry out the environment-related scope for the Project in accordance with the OEB's (2016) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition" (OEB Guidelines).

GHD conducted baseline studies and stakeholder engagement activities for the Project in 2019. They hosted a public information session on November 27, 2019 and the ER was completed in early 2020. The Project was put on hold in October 2020, prior to the submission of the LTC Application to the OEB, after the potential customers withdrew their request.

The Project recommenced in May 2022 at the request of one customer, Broccolini, who owns the warehouse located at 5371 Boundary Road. The warehouse is currently used by Amazon as a fulfillment centre.

While the Project components remain consistent, Enbridge Gas has retained Dillon to review the existing ER (GHD 2020) and provide updates, where required, for a new LTC Application to the OEB.

### 1.2 Project Description

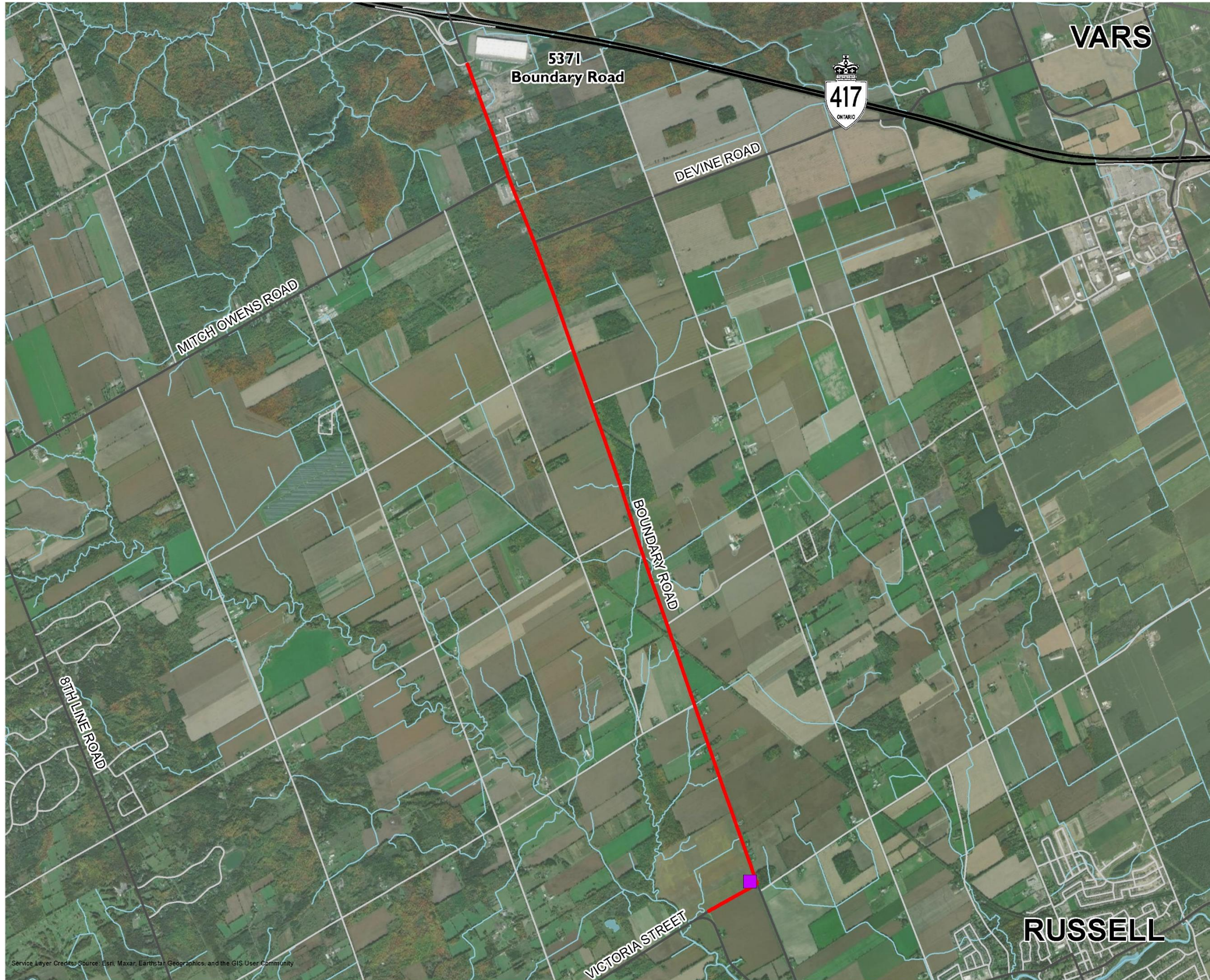
Enbridge Gas is pursuing the Preferred Route as described and assessed in the ER (GHD 2020). The Preferred Route involves the installation of approximately 700 metres of 4-inch steel pipeline along Cartwright Street, 9.4 kilometres of 4-inch polyethylene pipeline along Boundary Road, and a new District Station (see **Figure 1**).

In the ER (GHD 2020), the District Station was proposed at the corner of Burton Road and Boundary Road, as this was the best option at the time to ensure appropriate delivery pressure for multiple customers. With the change in delivery scope and the Project aim to now only service a single customer, the delivery pressure required was reduced and the optimal location for the District Station is now proposed on the north side of Cartwright Street, approximately 60 metres west of Boundary Road.

The pipeline and District Station would be installed within the municipal road allowance with temporary working space potentially required for lay-down, storage and excess soils management.

Enbridge Gas plans to file an LTC Application with the OEB in March 2023. If approved by the OEB, construction of the Project is anticipated to start in January 2024 with a proposed in-service date of August 2024.

Figure 1: Project Overview



Service Layer Credits: Source: Esri, Maxar, Earthstar, Geographics, and the GIS User Community



**ENBRIDGE GAS INC.**

5371 BOUNDARY ROAD PIPELINE PROJECT

**PROJECT OVERVIEW**  
FIGURE I

- Proposed District Station
- Preferred Route
- Rail
- Highway
- Arterial Road
- Local Roads
- Watercourse
- Waterbody



SCALE 1:40,000



MAP DRAWING INFORMATION:  
DATA PROVIDED BY MNRF, ENBRIDGE, ESRI, DILLON CONSULTING

MAP CREATED BY: SCM  
MAP CHECKED BY: AL  
MAP PROJECTION: NAD 1983 UTM Zone 18N



PROJECT: 224863

STATUS: DRAFT

DATE: 2022-12-09



### 1.3 Scope of the Environmental Report Update

Dillon reviewed the ER prepared by GHD (2020) to identify potential changes in the existing physical, natural and socio-economic environment and determine whether the environmental and cumulative effects assessment required updating to meet the requirements of the OEB's (2016) Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (OEB Guidelines).

The scope of this ER Update includes:

- A description of changes to the natural and socio-economic environment, including the results of a field visit conducted in September 2022;
- Results of stakeholder engagement and Indigenous consultation activities to notify the public, agencies, and Indigenous communities about the recommencement of the Project;
- An updated cumulative effects assessment to consider changes in the baseline conditions and consider new proposed developments in the Project area.

Information from the ER (GHD 2020) is not repeated in this ER Update. This ER Update is meant to be read in conjunction with the ER (GHD 2020) and will reference the ER, where necessary, to create linkages between the updated information and the existing information. This ER Update does not constitute a complete environmental study in accordance with the OEB Guidelines and is not intended to be a stand-alone document.

### 1.4 Regulatory Framework

There have been no changes to the regulatory framework since the Project was originally initiated in 2019. As noted in the ER (GHD 2020), the Project requires an LTC Application approval from the OEB in order to proceed. No federal regulatory requirements apply to the Project.

Dillon has reviewed the list of potential permits and approvals that may be required from other agencies (provincial and municipal), as provided in Section 5.3 of the ER (GHD 2020), and has not identified any additional potential regulatory requirements at this time.

Enbridge Gas will acquire all necessary permits and approvals for construction once the detailed design is complete.

## 2.0 Study Process

The study process for the ER Update followed a modified ER study approach.

Typically, for a new ER, Dillon's study process would follow three main steps:

1. Identification of Study Areas and Environmental Inventory
2. Routing Constraints Analysis
3. Effects Assessment and Proposed Mitigation Measures

In addition to the above steps, stakeholder engagement and Indigenous consultation are a key component of the study process and are initiated early on and conducted on an ongoing basis throughout the life of the Project. **Section 3.0** provides further details on the consultation and engagement activities conducted for the Project.

The following subsections outline how the three main steps outlined above were modified for the purposes of this ER Update. The modifications were made to reduce redundancy and speak only to those changes that affect the existing conditions and assessment presented in the ER (GHD 2020).

### 2.1 Identification of Study Areas and Environmental Inventory

The Study Area boundaries in the ER (GHD 2020) were defined as a 100 metre limit from the proposed pipeline routes in all directions (see Section 2.2 of the ER) for a total width of 200 metres. Dillon considered this appropriate given the similarity to its own study area delineation approach.

In Appendix A of the ER (GHD 2020), GHD provides a "Natural Environment Review" that consists of a desktop screening of natural environment conditions within a 50 metre buffer from each side of the proposed pipeline routes. Dillon typically considers natural environment features within the defined Study Area for desktop assessment purposes (in this case, a total width of 200 metres). For this reason, Dillon completed a new desktop review for the natural environment (see **Section 4.0**) to capture anything that may have changed since the ER (GHD 2020) was written and to identify potential sensitive environmental features or species within the larger Study Area.

In addition to the desktop Study Area that Dillon typically assesses, a 30 metre buffer on each side of the pipeline route (for a total width of 60 metres) is considered and is

defined as the “Project footprint”. The Project footprint is the area where potential adverse effects on directly-affected Indigenous communities, stakeholders and landowners are considered, as this encompasses the pipeline right-of-way, as well as potential temporary workspace required to accommodate pipeline construction. A Project footprint or fieldwork study area was not defined in the ER (GHD 2020). As such, Dillon followed its typical approach and undertook a field survey in September 2022 that encompassed the Project footprint of the Preferred Route.

The Study Area boundaries described above and considered in the ER Update are shown on **Figure 2**.

Figure 2: Study Area Boundaries



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



**ENBRIDGE GAS INC.**

5371 BOUNDARY ROAD PIPELINE PROJECT

**STUDY AREA BOUNDARIES**  
FIGURE 2a

- Proposed District Station
- Preferred Route
- Arterial Road
- Local Roads
- Watercourse
- Project Footprint (30m)
- Study Area (100 m)
- Waterbody



SCALE 1:20,000

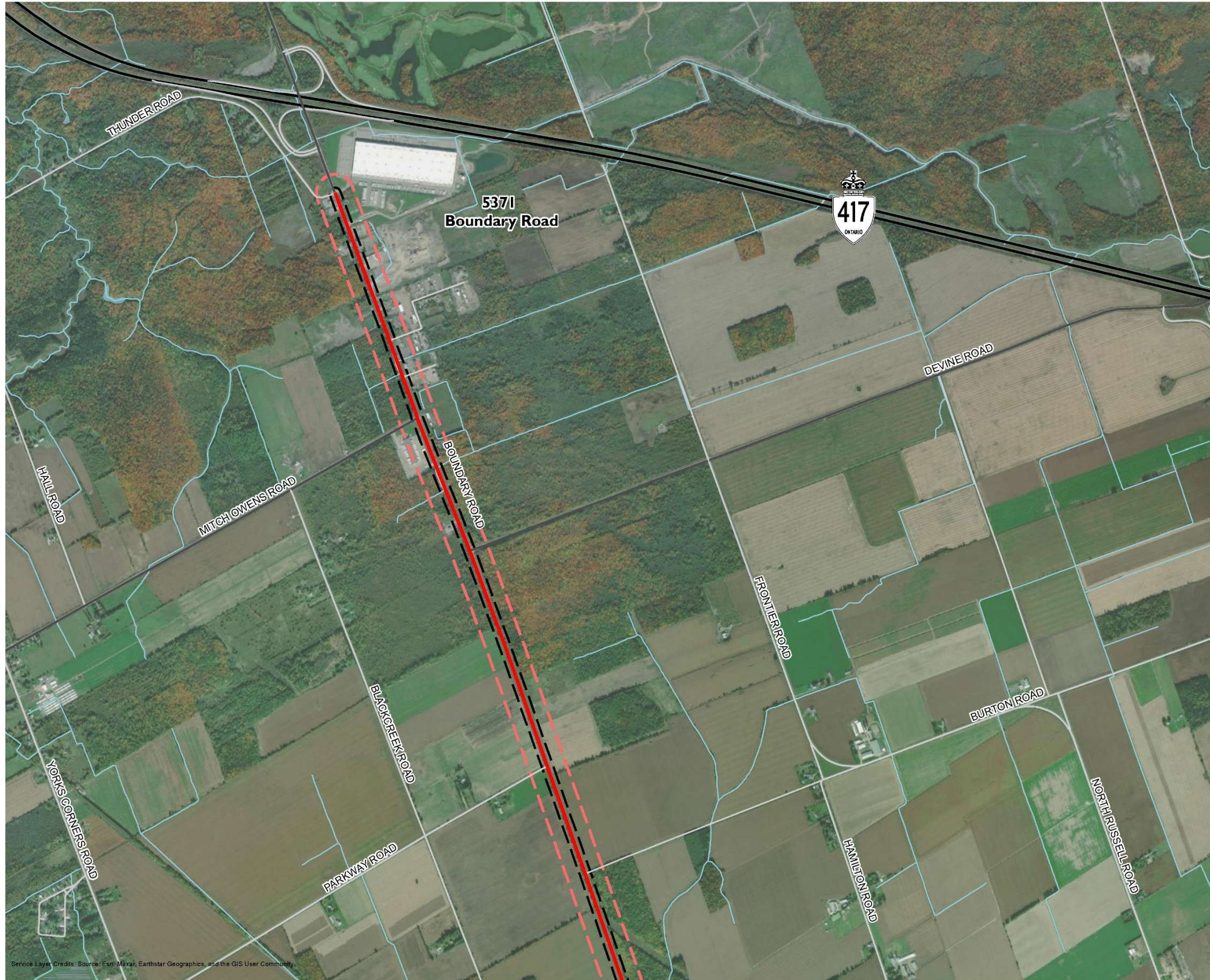


MAP DRAWING INFORMATION:  
DATA PROVIDED BY MNR, ENBRIDGE, ESRI, DILLON CONSULTING

MAP CREATED BY: SOM  
MAP CHECKED BY: AL  
MAP PROJECTION: NAD 1983 UTM Zone 18N



PROJECT: 224863  
STATUS: DRAFT  
DATE: 2022-12-09



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



**ENBRIDGE GAS INC.**

5371 BOUNDARY ROAD PIPELINE PROJECT

**STUDY AREA BOUNDARIES**  
FIGURE 2b

- Preferred Route
- Highway
- Arterial Road
- Local Roads
- Watercourse
- Project Footprint (30m)
- Study Area (100 m)
- Waterbody



SCALE 1:20,000



MAP DRAWING INFORMATION:  
DATA PROVIDED BY MNR, ENBRIDGE, ESRI, DILLON CONSULTING

MAP CREATED BY: SCM  
MAP CHECKED BY: AL  
MAP PROJECTION: NAD 1983 UTM Zone 18N



PROJECT: 224863  
STATUS: DRAFT  
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## 2.2 Routing Constraints Analysis

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GHD (2020) conducted a routing assessment in the ER (Section 2.3) that resulted in the selection of the Preliminary Preferred Route as the Preferred Route.

Dillon agrees with the findings in the ER (GHD 2020) and will not be conducting a separate route analysis for this ER Update.

## 2.3 Effects Assessment and Proposed Mitigation Measures

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The next step in the study process involves an assessment of the potential effects of the Project, along with the identification of mitigation measures, for the Preferred Route.

Dillon did not identify the need to conduct an updated effects assessment or additional mitigation measures from what was provided in the ER (GHD 2020). More information is provided in **Section 5.0**. An updated cumulative effects assessment was completed and is provided in **Section 6.0**.

## 3.0 Stakeholder Engagement and Indigenous Consultation

In 2019, GHD conducted stakeholder engagement activities and supported Enbridge Gas with Indigenous consultation for the Project in accordance with the requirements in the OEB Guidelines (see Section 6 of the ER). A log of correspondence undertaken by Enbridge Gas and GHD in 2019 and 2020 is provided in Appendix K of the ER (GHD 2020).

Given the duration between the original stakeholder engagement and Indigenous consultation program and the Project's recommencement, it was decided that a new consultation and engagement program be undertaken to notify potentially affected Indigenous communities, stakeholders, regulatory agencies, and landowners to gather feedback on the Project in the current environmental and socio-economic context.

This section provides an overview of the consultation and engagement activities undertaken as part of the ER Update.

### 3.1 Objectives

The objectives of the consultation and engagement program were to:

- Inform potentially affected individuals/organizations about the Project;
- Protect Aboriginal and Treaty Rights;
- Seek and facilitate the involvement of potentially affected individuals/organizations;
- Make all reasonable efforts to identify the interests and meet the needs of participants;
- Provide participants with the information they require to participate in a meaningful way;
- Consider public issues/concerns during Project design;
- Incorporate feedback and evolve, as necessary, in response to the input and needs (access, format, etc.) of participants; and,
- Communicate to participants how their input affected outcomes (for example, Project design).

## 3.2 Consultation Activities

From the outset, and throughout the study process, Enbridge Gas stressed the importance of consulting with Indigenous communities, area residents, community organizations, and government agencies. To meet consultation requirements set by the OEB, set the stage for achieving Enbridge Gas' consultation objectives, as well as meet the legal duty to consult with Indigenous communities, the consultation and engagement program included a series of communication and consultation activities designed to inform the study.

Communication activities included letters of invitation/notification, newspaper ads, a Virtual Public Information Session presented via a Project website hosted by Dillon, a geo-targeted Twitter, Instagram, and Facebook ad campaign, and the Enbridge Gas Project-specific website. In addition, meetings by telephone and correspondence by electronic mail were also undertaken by the Project team.

The Project is located in the National Capital Region where there is a strong French language presence. In recognition of this, most consultation materials were provided in both English and French.

### 3.2.1 Contact List

A list of regulatory agencies and interest groups active in the area was compiled by reviewing and updating the contact list in the ER (GHD 2020), as well as published information including government directories and distribution lists, previous studies completed in the area, and the most current geospatial data for the area.

The contact list (**Appendix A**) divides the stakeholder groups into the following categories:

- Indigenous Communities;
- Federal and Provincial Elected Officials;
- Federal Agencies;
- Provincial Agencies, including the Ontario Pipeline Coordinating Committee (OPCC) and local Conservation Authority;
- Municipal Agencies and Elected Officials; and,
- Interest Groups (for example, the Carlsbad Springs Community Association).



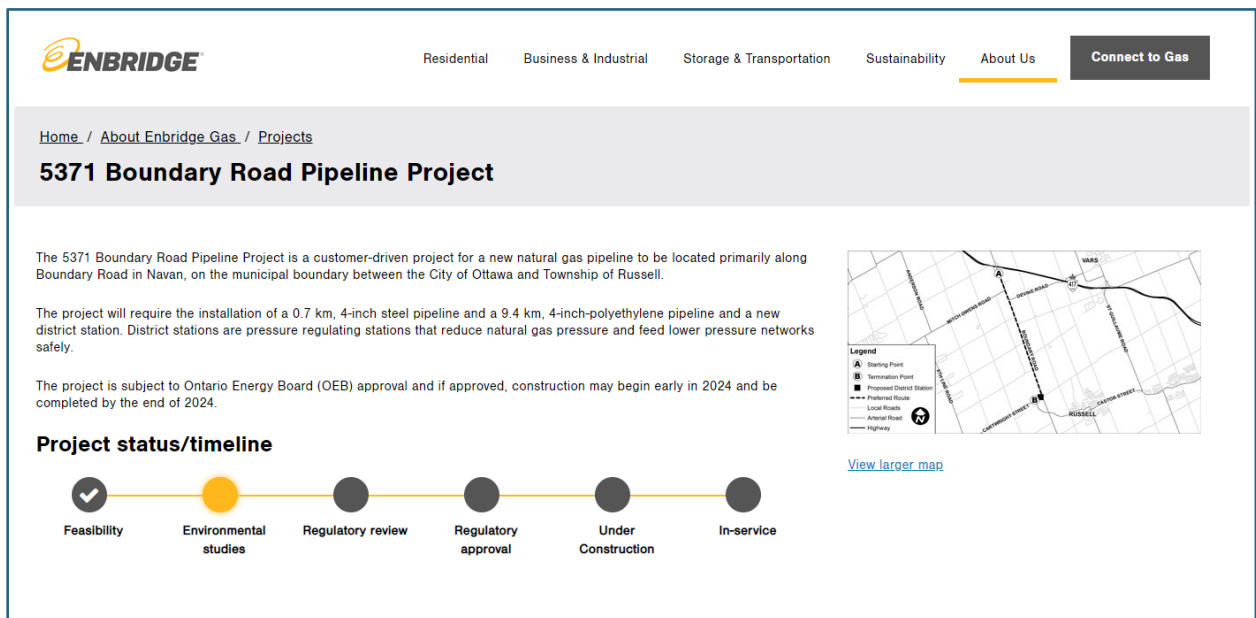
3.2.2 Project Website and Project Email

As a component of the consultation and engagement program, Enbridge Gas created a Project-specific website in order to make information accessible to as many groups as possible. By including all information in a downloadable format, Enbridge Gas provided a simple and expeditious method of communicating with stakeholders. Dillon also hosted a separate Project website to facilitate the Virtual Public Information Session; further details on the Virtual Public Information Session and associated website are provided in **Section 3.2.4**.

Dillon created a Project-specific email address ([BoundaryRoadEA@dillon.ca](mailto:BoundaryRoadEA@dillon.ca)) that was used to communicate directly with stakeholders. The Project-specific email address will be monitored and emails will continue to be responded to throughout the OEB process and until substantial construction of the Project is complete.

All material presented at the Virtual Public Information Session, in Project notices, and in Project reports is posted on the Enbridge Gas Project website at [www.enbridgegas.com/BoundaryRoad](http://www.enbridgegas.com/BoundaryRoad). The ER Update will be posted on the Enbridge Gas Project website in a downloadable format once it has been submitted to the OEB for review. **Figure 3** shows a snapshot of the Enbridge Gas Project website.

**Figure 3: Snapshot of Enbridge Gas Project Website**



## 3.2.3

**Public Notice**

A Notice of Project Recommencement and Virtual Public Information Session (Notice) was mailed to approximately 4,300 residences and businesses in the Study Area during the week of October 31, 2022 via Canada Post. The Notice was double-sided and included both English and French versions. A copy of the Notice in English and French is provided in **Appendix B**.

Newspaper notices ran in the Ottawa Sun (English) and Le Droit (French) on November 5 and November 12, 2022.

Enbridge Gas ran a social media ad campaign on Twitter, Instagram, and Facebook geo-targeted to individuals in the eastern Ottawa region, from November 14 to 27, 2022.


**Figure 4** shows screenshots of the ads that were placed on Enbridge Gas' social media accounts.

Figure 4: Snapshot of Social Media Ads

*Facebook/Instagram*

**Enbridge Gas**  
Sponsored · 🌐

Enbridge Gas is meeting new demand and helping to support economic development in the community of Navan with a new #NaturalGas pipeline along Boundary Road. Visit our virtual information session between Nov. 14 - 27 to learn more.




BOUNDARYROADEA.CA  
**Boundary Road Info...**  
You can stay up-to-date on the Project and acces... [Learn more](#)

*Twitter*

**Enbridge Gas** ✓ @enbridgegas

We are helping to support economic development in the community of Navan with a new #NaturalGas pipeline along Boundary Road. Visit the virtual information session between Nov. 14 - 27 to learn more.



[www.BoundaryRoadEA.ca](http://www.BoundaryRoadEA.ca)  
Boundary Road Virtual Information Session

🗨️ ↻️ ❤️ ↗️

A log of interest group and public correspondence conducted as part of the ER Update is provided in **Appendix C**.

### 3.2.4 Virtual Public Information Session

A Virtual Public Information Session was conducted in lieu of a traditional public ‘drop-in’ meeting to engage with the public and stakeholders and to facilitate participation in the ER Update process. This was considered a suitable alternative given that the Project was not entirely new to the community and that an in-person information session had been previously conducted for the Project in November 2019 (see Section 6.4 of the ER).

Dillon hosted the Virtual Public Information Session via a Project-specific website ([www.BoundaryRoadEA.ca](http://www.BoundaryRoadEA.ca)) that was active for two weeks from Monday, November 14, 2022 to Sunday, November 27, 2022. The website was provided in English and French – a toggle was included at the top of the page to switch between languages.

The purpose of the Virtual Public Information Session was to provide an opportunity for potentially affected Indigenous communities, stakeholders, regulatory agencies, and landowners to comment on the study and planning process. The Virtual Public Information Session was designed to achieve the following objectives:

- Re-introduce the Project and describe the study process and consultation plans; and,
- Seek feedback on local environmental and socio-economic considerations, issues, or concerns that should be addressed as part of the study.

A video presentation was available on the Virtual Public Information Session website that provided an overview of the Project and the environmental assessment process. While the video was only available in English, the presentation slides and the video transcript were available for download in both English and French. The French materials were available by toggling to the French version of the website. The presentation discussed the following:

- Introduction to the Virtual Public Information Session and how to participate;
- Introduction to Enbridge Gas and its commitment to meaningful engagement, health and safety, and environmental sustainability;
- Purpose of the Virtual Public Information Session;
- Consultation approach;
- Enbridge’s Indigenous Peoples Policy;

- Project background and description;
- Project map;
- Natural environment considerations;
- Socio-economic considerations;
- Cultural heritage resources overview;
- Pipeline design, construction and safety;
- General pipeline construction sequence;
- Mitigation and monitoring;
- Regulatory framework (OEB);
- Project timeline;
- Continuous stakeholder engagement; and,
- Information on how to stay informed.

English and French copies of the presentation, as well as the video transcript, are provided in **Appendix D**.

#### 3.2.4.1 Results from the Virtual Public Information Session

The Virtual Public Information Session website was viewed by 414 unique visitors within Canada, 328 of which were from Ontario. Of the visitors from Ontario, 214 (or 52%) were from communities in the general Project area (that is, Ottawa, Russell, Embrun, and Clarence-Rockland), with the majority being within Ottawa (187 visitors). Only one visitor from the Project area used the French language version of the site.

Visitors to the Virtual Public Information Session were encouraged to submit a comment form. The comment form was available in English and French, depending on the language chosen for the website, and was provided as a web form and as a downloadable form that could be emailed to the Project inbox. The web version of the comment form was completed by four individuals. No comment form submissions were received via email as of the December 14, 2022 comment submission deadline for inclusion in the ER Update. The English and French versions of the comment form are provided in **Appendix E**.

While the Virtual Public Information Session resulted in minimal public comment, the Project Notice elicited more stakeholder engagement, either through the Project email or by telephone, and included correspondence with provincial government agencies (for example, Ministry of Environment, Conservation and Parks; Ministry of Citizenship and Multiculturalism; South Nation Conservation; and Hydro One Networks Inc.) and local area residents. This correspondence is summarized in **Appendix C**.

## 3.2.4.2

**Summary of Stakeholder Input and Impact on Effects Assessment**

The low level of feedback from the Virtual Public Information Session makes it difficult to draw conclusions from the analytical data.

Of the four individuals who submitted comment forms, opinions were divided in support of the Project. A common theme in the comment form submissions, and in Project correspondence through email and telephone calls, was that residents in the area around the proposed pipeline want to be connected to natural gas. No specific environmental issues were raised with the pipeline being proposed for this Project, aside from brief commentary from one individual showing a lack of support for non-renewable energy in general.

The results of consultation activities to-date do not have a material impact on the assessment conducted in the ER and no adjustment to the effects assessment has been prompted by the feedback received to-date.

## 3.3

**Indigenous Consultation**

On October 4, 2022, an email was sent to the Ministry of Energy (MOE) providing notification of Enbridge Gas' intent to submit an LTC Application to the OEB for the Project and requesting the MOE's assessment of whether the Duty-to-Consult requirements had changed since the Project was initially proposed in 2019.

In a letter dated October 17, 2022, the MOE confirmed that the same Indigenous communities identified for the Project in 2019 should be consulted: Algonquins of Ontario and Mohawk Council of Akwesasne.

The Project Notice was sent to these Indigenous communities on November 2, 2022 to re-introduce the Project and invite the communities to provide input and comments on the Project. Enbridge Gas also requested the opportunity to meet with each community to discuss the Project.

Correspondence with the Indigenous communities up to December 14, 2022, in relation to the ER Update, is provided in **Appendix F**. An Indigenous Consultation Report will be submitted as part of the LTC Application under separate cover.

### 3.4 Ongoing Engagement Activities

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Although the ER and ER Update are complete, Enbridge Gas is committed to ongoing communication with Indigenous communities, agencies, stakeholders, and the public.

Enbridge Gas will continue to actively engage with all identified Indigenous groups in meaningful dialogue concerning the Project, endeavour to meet with each Indigenous community for the purposes of exchanging information regarding the Project, respond to inquiries, discuss issues and concerns regarding the Project, and respond to communities in a timely manner. A full consultation record with Indigenous communities will be documented in the Indigenous Consultation Report to be submitted with the LTC Application under separate cover.

## 4.0 Physical, Natural and Socio-Economic Environment Setting

A summary of the physical, natural and socio-economic environment within the Study Area is provided in Section 2.2 of the ER (GHD 2020), with additional details provided in Appendix A (Natural Environment Review) and Appendix B (Historical Records Review).

Dillon reviewed the background information in the ER and conducted a site visit in September 2022 to confirm the existing conditions along the proposed pipeline route and to identify any land use changes. Dillon observed some changes in land use, however, the majority of the background review on the natural and built environment reported in the ER remains consistent with current conditions in the Study Area today.

Given the changes observed in regards to land use in the Study Area, Dillon conducted a desktop review for natural heritage features and potential Species at Risk (SAR) and SAR habitat. The results of the desktop review and the field visit are provided in **Appendix G**, along with a table of detailed observations of land use change and a corresponding photo log.



## Effects Assessment and Proposed Mitigation

The Project effects assessment and proposed mitigation measures are provided in Appendix E (Net Effects Analysis) of the ER (GHD 2020).

After reviewing the ER and conducting a natural heritage review and field visit, Dillon found that the assessment in the ER remains valid.

The methods of assessment in the ER differ from Dillon's typical approach, however, the overall conclusions of the effects analysis are in line with Dillon's experience with projects similar in scope and setting. The mitigation measures provided in the ER are relevant. Enbridge Gas will develop and implement an Environmental Protection Plan prior to construction that will include additional detailed site-specific mitigation measures. Therefore, Dillon did not conduct a new effects assessment for this ER Update.

## 6.0 Cumulative Effects Assessment

Section 4 of the ER provides an assessment of cumulative effects of the Project in relation to the Preferred Route.

Given that two years has passed since the project inclusion list was developed for the cumulative effects assessment, Dillon determined that a new cumulative effects assessment was warranted to capture any new current or proposed developments in the Study Area that may have the potential to interact with the Project.

The cumulative effects assessment evaluates the significance of residual effects of the Project (that is, the effects remaining after the application of mitigation), in combination with the effects of other existing or proposed projects or developments. The cumulative effects assessment recognizes that while individual actions may not have a significant effect on the physical, natural, or socio-economic environment, multiple actions of a similar nature that occur over an extended time period may have a significant effect.

### 6.1 Methods

The cumulative effects assessment was conducted in accordance with the OEB Guidelines and included the development of a cumulative effects Study Area.

For the purposes of this assessment, cumulative effects are defined as follows:

- The combination and interaction of effects of the same project;
- The combination and interaction of the effects of the proposed Project with other projects; and,
- The combined effects over time in the same space.

#### 6.1.1 Spatial and Temporal Boundaries

Based on Dillon's professional experience, it was determined that the spatial boundaries for the cumulative effects assessment be established as a 10 kilometre buffer centred on the Preferred Route (that is, a 5 kilometre buffer on each side of the route) and also include the jurisdictional boundaries of the nearest communities (that is, Ward 20 of the City of Ottawa and the Township of Russell).

The temporal boundaries identified for the assessment considered existing activities or disturbances that have shaped the current land use in the Project area and recently constructed projects, projects currently under review, under construction, or planned (that is, there are publicly disclosed plans to proceed and seek necessary permits/approvals).

The following Project phases were considered when conducting the cumulative effects assessment:

- Construction – approximate duration of 4-6 months; and,
- Operations and Maintenance – begins following the in-service date and extends for the useful life of the pipeline (that is, 50+ years).

### 6.1.2 Criteria for Characterizing Cumulative Effects

Cumulative effects were characterized according to a set of qualitative criteria defined in **Table 1**.

**Table 1: Characterization Criteria for Evaluation of Significance**

Assessment Criteria	Rating and Definition
Duration	<ul style="list-style-type: none"> <li>• <b>Immediate</b> – Effect is limited to 2 days or less.</li> <li>• <b>Short-term</b> – Effect is limited to the construction phase or any 1 year during the life of the pipeline, or 1-year post-decommissioning.</li> <li>• <b>Medium-term</b> – Effect extends into the operations phase of the pipeline for up to 10 years, or up to 10 years post-decommissioning.</li> <li>• <b>Long-term</b> – Effect extends into the operations phase of the pipeline for more than 10 years, but ceases before or upon decommissioning or abandonment; or, the residual effect extends more than 10 years post-decommissioning.</li> <li>• <b>Extended-term</b> – Effect extends beyond the operational life of the Project.</li> </ul>

Assessment Criteria	Rating and Definition
Frequency	<ul style="list-style-type: none"> <li>• <b>Rare</b> – Effect occurs uncommonly or unpredictably (such as, the result of an accident or malfunction) over the assessment period.</li> <li>• <b>Isolated</b> – Effect is confined to specified phase of the assessment period (for example, during construction).</li> <li>• <b>Occasional</b> – Effect occurs intermittently and sporadically over the assessment period.</li> <li>• <b>Periodic</b> – Effect occurs intermittently but repeatedly over the assessment period.</li> <li>• <b>Continuous</b> – Effect occurs regularly throughout the assessment period.</li> </ul>
Reversibility	<ul style="list-style-type: none"> <li>• <b>Reversible</b> – Effect is reversible to pre-construction or equivalent conditions.</li> <li>• <b>Irreversible</b> – Effect is permanent.</li> </ul>
Magnitude	<ul style="list-style-type: none"> <li>• <b>Negligible</b> – Effect is not detectable (no detectable change from baseline conditions).</li> <li>• <b>Low</b> – Effect is detectable, but is well within environmental or regulatory standards, or has no effect on the socio-economic environment beyond that of an inconvenience.</li> <li>• <b>Medium</b> – Effect is detectable and may approach, but is still within, environmental or regulatory standards, or results in moderate modification in the socio-economic environment.</li> <li>• <b>High</b> – Effect is beyond environmental or regulatory standards or results in a severe modification in the socio-economic environment.</li> </ul>

### 6.1.3 Evaluation of Significance of Cumulative Effects

All assessment criteria (**Table 1**) were considered when determining the significance of each cumulative effect. Qualitative significance determinations incorporate professional judgment, which allows for the integration of all effects criteria ratings to provide relevant significance conclusions that are sensitive to context and facilitate decision-making (Lawrence 2007).

For the purposes of this assessment, a “significant cumulative effect” is defined as a permanent or long-term cumulative effect of high magnitude that has a high probability of occurrence and cannot be technically or economically mitigated.

## 6.2 Existing and Reasonably Foreseeable Activities and Disturbances

Existing activities and disturbances or reasonably foreseeable developments that may occur in the Project area were considered within the spatial and temporal boundaries outlined in **Section 6.1.1**. Future projects considered in the assessment do not include proposed or hypothetical projects where formal plans have not been disclosed.

### 6.2.1 Existing Activities

This subsection provides a brief historical overview of existing disturbances within the spatial boundaries of the cumulative effects assessment to contextualize the Project in the current landscape.

#### 6.2.1.1 City of Ottawa

The Ottawa region was a relatively pristine landscape, described as “a curious patchwork of limestone bluffs and outcroppings, pestilential swamps and beaver meadows” (Trotman 1977, p. 10), untouched by European settlers until the late 18th century. This unceded territory was, and still is, home to the Aamjiwnaang (Chippewas of Sarnia), Mohawks of Akwesasne, Kitigan Zibi Anishinabeg, and other Indigenous communities throughout time. The Crawford Purchases, made by Captain William Crawford on behalf of the Crown, were agreed upon certain Indigenous peoples in 1783. These purchases involved the “land along the north shore of eastern Lake Ontario and the St. Lawrence River” (Ministry of Indigenous Affairs 2022), and was intended to provide land to United Empire Loyalists during the American Revolution. Treaty 27 and 27 ¼, known as the Rideau Purchase, was established in 1819 between the Crown and certain Anishinaabe peoples to gain ownership of the Rideau Canal (Ministry of Indigenous Affairs 2022).

The Chaudière area was a valuable region for merchants, traders and loggers, as its cedar swamps and pine ridges were a short distance to ship along the Gatineau River. The Indigenous pathways, nearby trading posts and river routes made the Ottawa region an ideal location to settle (ASI 2020). Between approximately 1790 and 1820, only a small settler village with 25 lumber workers and their families resided in the area.

Shortly after the river route from this region to Lake Ontario was discovered, it was deemed an ideal location for a Military Base. In 1826, barracks were set up along the

rock croppings while the lumber and masonry trades continued to draw British, Irish, and French civilians to the area (Trotman 1977). The growing area, known at the time as Bytown, was subject to military planning and comprised of two main areas separated by the barracks: Upper Town and Lower Town. Upper Town was home to the wealthy and leisurely shopping, while Lower Town comprised of workers' homes, mills, and general stores. A third unplanned 'squalor' known as Corktown housed poor Irish workers. The population of Bytown grew to 3,122 by 1841, at which time the military barrier between Upper Town and Lower Town was removed (Trotman 1977).

Between 1850 and 1860, the region experienced major changes. A boom in the lumber industry brought more workers and wealthy individuals to the area, and city infrastructure expanded. In 1855 the City's name changed from Bytown to Ottawa as a derivative from the Outaouais Indians (now known as Anishinaabe peoples) (Trotman 1977). The surrounding hinterland was cleared for agriculture as the population spread past the City boundaries. The Parliament buildings were built on the previous military barracks in 1860, and high levels of urbanization increased in the City after confederation (Trotman 1977).

The Project occurs in what was formerly Cumberland Township and Gloucester Township prior to incorporation into the City of Ottawa.

Cumberland Township was established as part of the land survey conducted in 1791, consisting of 47,000 acres of land (ASI 2020). It was previously part of the United Counties of Prescott and Russell, but detached from Russell County in 1969 to be added to the Municipality of Ottawa-Carleton. The Village of Cumberland was established in 1801 and continued to grow to become the City of Cumberland in 2001 (ASI 2020).

Gloucester Township was first surveyed and established in 1792. After the township survey was completed in 1820, a Methodist church and a sawmill were established and Gloucester began to grow. In 1981, the Township of Gloucester became a city, and then incorporated into the City of Ottawa in 2001 (ASI 2020).

#### 6.2.1.2

#### Russell Township

Russell County and Prescott County were first established in 1792, created from the northern part of Stormont County (Baker 2020). As United Empire Loyalists and Irish and British migrants settled in the stable land between the marshy land southeast of the

Ottawa region along the Castor River, Russell County and Prescott County united (Russell Township 2018). Villages within the boundaries of Russell County are Brisson, Cambridge, Embrun, Felton, Forget, Marvelville, Panna, Russell (previously Duncanville) and Saint-Onge. French settlers established in the Village of Embrun and other hamlets of Limoges and Marionville between 1845 and 1903. Lumber, masonry, and farming were the County's main labour force. Duncanville was renamed Russell Township in 1898, most likely because of the location of the Russell Post Office in the township.

Two large fires destroyed major buildings the County in the early 20th Century. Russell saw 25 buildings destroyed by flames in 1915, and in 1932, Embrun experienced a similar fate. However, the Township persevered and saw a dramatic increase in population in the late 20th Century as Ottawa continued to grow and families sought to escape urban sprawl (Russell Township 2018). Today, the population of Russell is approximately 16,500, and though most of the population works in Ottawa, the main industry within the Township is agriculture (Baker 2020).

### 6.2.2 Reasonably Foreseeable Developments

The best practices approach described in the Cumulative Effects Assessment Practitioners Guide (Hegmann et al. 1999) advise inclusion of certain (that is, actions that will proceed or have a high probability of proceeding) and reasonably foreseeable (that is, actions that may proceed, but there is some uncertainty) activities for cumulative effects assessment. The certain and reasonably foreseeable developments and activities identified for the Project adopt this approach, using the following criteria:

- **Certain** – the activity or development will proceed or there is a high probability it will proceed (that is, the development is either under construction or has been approved).
- **Reasonably foreseeable** – the activity or development is expected to proceed (that is, the development is in the process of obtaining approval and permits, or the proponent has publicly disclosed its intention to seek the necessary approvals to proceed).

**Table 2** provides a list of the projects identified in the ER for the cumulative effects assessment with an update on their current status, as they still have the potential to act cumulatively with the Project.

**Table 2: Update on Projects Previously Identified in the ER for Inclusion in the Cumulative Effects Assessment**

Source	Project Name/Description (from ER)	Update/Current Status (2022)
City of Ottawa (2022)	Planned culvert renewal projects within one to three years: <ul style="list-style-type: none"> <li>• Cooper Hill Road and Blackcreek Road (east of Boundary Road)</li> <li>• Boundary Road (due south of Burton Road)</li> </ul>	<b>Status:</b> Complete (assumed) <ul style="list-style-type: none"> <li>• Construction and infrastructure projects in the City of Ottawa that are currently planned or underway are listed in <b>Table 3</b>.</li> <li>• The status of the 2019 projects noted in the ER cannot be confirmed; however, they are assumed to be complete, since they do not appear in the current list of planned City infrastructure projects.</li> </ul>
Algonquins of Ontario	Planned transfer of two parcels of land in fee simple to the Algonquins of Ontario as a part of the comprehensive land claim final agreement.	<ul style="list-style-type: none"> <li>• This information is still accurate as of November 2022. This is not a planned development but a reference to ongoing Treaty/Land Claim Negotiations between the Algonquins of Ontario and the governments of Canada and Ontario (Government of Canada 2016).</li> <li>• Information on the planned development of lands in the Study Area in partnership with the Algonquins of Ontario is provided in <b>Table 3</b>.</li> </ul>



Source	Project Name/Description (from ER)	Update/Current Status (2022)
Capital Region Resource Recovery Centre (CRRRC) (2022); a project by Taggart Miller Environmental Services (Taggart Miller)	The Environmental Compliance Approval was signed by the Ministry of the Environment, Conservation, and Parks in December 2019; however, a detailed construction schedule has not been made available.	<ul style="list-style-type: none"> <li>• <b>Background:</b> The proposed CRRRC facility is intended to offer an option for commercial waste processing, recovery and disposal in the Capital Region (CRRRC 2022).</li> <li>• <b>Location:</b> The property is southeast of the Highway 417 Boundary Road interchange, on the east side of Boundary Road, north of Devine Road and west of Frontier Road, and east of an existing industrial park (adjacent to the Broccolini warehouse at 5371 Boundary Road).</li> <li>• <b>Status:</b> In progress - planning/approvals underway and some construction activities have begun <ul style="list-style-type: none"> <li>○ Site Plan approval from the City of Ottawa is in progress as of May 2022. As a component of the Site Plan application, Taggart Miller advanced the detailed designs of all buildings, processes and facilities that make up the CRRRC.</li> <li>○ In March 2022, Taggart Miller commenced construction on the northern portion of the site where the waste diversion facilities are to be located.</li> </ul> </li> </ul>

Source	Project Name/Description (from ER)	Update/Current Status (2022)
No source provided in the ER (GHD 2020)	Proposed warehouse: <ul style="list-style-type: none"> <li>• 53,712 square foot warehouse south of Highway 417 on Boundary Road in close proximity to the Capital Region Resource Recovery Centre</li> <li>• 52 parking spaces</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Location:</b> 5371 Boundary Road</li> <li>• <b>Status:</b> Construction completed in 2019 - this is the Broccolini warehouse currently being used as an Amazon fulfillment centre and the customer this pipeline is proposed to service</li> </ul>

Additional reasonably foreseeable activities and developments included in the cumulative effects assessment for this ER Update were identified as of November 30, 2022.

Sources reviewed included the Algonquins of Ontario and Taggart Group of Companies (2022), Canadian Impact Assessment Registry (Impact Assessment Agency of Canada 2022), Natural Resources Canada Major Projects Inventory (Government of Canada 2022), Investing in Canada Plan Project Map (Infrastructure Canada 2022), Infrastructure Ontario Projects Map (Infrastructure Ontario 2022), Environmental Registry of Ontario (Government of Ontario 2022), Hydro One Major Projects (Hydro One Networks Inc. 2022), South Nation Conservation (2022), United Counties of Prescott and Russell (2022), Russell Township (2022), and City of Ottawa (2022).

For this ER Update, specific projects identified within the spatial and temporal boundaries for the cumulative effects assessment are summarized in **Table 3**; however, the list is not exhaustive. It is anticipated that future and ongoing consultation with the municipality and other key stakeholders may result in the identification of other planned development activities in the cumulative effects assessment boundaries. Enbridge Gas will work to identify efficiencies regarding timing and coordination of Project construction with other planned developments, where feasible, in order to reduce the cumulative impact. Note that only the sources that yielded results for the project inclusion list are included in **Table 3** (that is, a source with no results was not documented and no result is considered implied by the source's absence from the table).

Table 3: Projects Identified for Inclusion in the Cumulative Effects Assessment

Source	Project Name	Details
Algonquins of Ontario and Taggart Group of Companies (2022)	Tewin Community	<ul style="list-style-type: none"> <li>• <b>Location:</b> The area planned for development stretches north to south between Leitrim Road and Thunder Road and west to east between Anderson Road and Farmers Way. The eastern boundary is approximately 4 kilometres west of Boundary Road.</li> <li>• <b>Status:</b> In progress – planning, design, and assessment to take approximately two to three years, construction anticipated to begin in approximately five years. <ul style="list-style-type: none"> <li>○ City of Ottawa Council adopted its new Official Plan on November 24, 2021. The new Official Plan introduces 445.35 hectares of land into the urban boundary to facilitate the creation of Tewin, a new suburban community that will be planned and developed under the leadership of the Algonquins of Ontario.</li> <li>○ The new Official Plan is currently under review by the Ministry of Municipal Affairs and Housing and pending final approval by the Province.</li> </ul> </li> </ul>
Environmental Registry of Ontario (Government of Ontario 2022)	Les Entreprises Mirgil Inc. – Environmental Compliance Approval (ECA) (sewage)	<ul style="list-style-type: none"> <li>• <b>Location:</b> Lot 22, Concession 4, Russell, ON, K0A 3H0 (within Russell town proper); near the intersection of Concession Street and Legion Lane.</li> <li>• <b>Status:</b> Proposal stage; comment period closed August 19, 2022. No updates to status since July 5, 2022. <ul style="list-style-type: none"> <li>○ The proposal is for storm sewers that will ultimately discharge into the Wood Eadie Municipal Drain.</li> </ul> </li> </ul>

Source	Project Name	Details
Environmental Registry of Ontario (Government of Ontario 2022)	Ottawa D-Squared Asphalt Limited – ECA (air)	<ul style="list-style-type: none"> <li>• <b>Location:</b> 5455 Boundary Road, Navan, ON, K4B 1P6</li> <li>• <b>Status:</b> Complete/ECA Issued March 19, 2021               <ul style="list-style-type: none"> <li>◦ An ECA with Limited Operational Flexibility (air) was issued, which includes sources for all emissions from Ottawa D-Squared Asphalt Limited, a hot-mix asphalt plant and aggregate depot.</li> </ul> </li> </ul>
Environmental Registry of Ontario (Government of Ontario 2022)	2030470 Ontario Limited – ECA (sewage)	<ul style="list-style-type: none"> <li>• <b>Location:</b> 9460 Mitch Owens Road, Ottawa, ON, K0A 1V0</li> <li>• <b>Status:</b> Complete/ECA Issued April 15, 2020               <ul style="list-style-type: none"> <li>◦ An ECA was granted for stormwater management works to serve the Rosedale Cross Dock facility on Mitch Owens Road in Ottawa.</li> </ul> </li> </ul>
Hydro One Networks Inc. (internal knowledge - no external references available)	Greely F3 – vegetation clearing for hydro-electric works	<ul style="list-style-type: none"> <li>• <b>Location:</b> The project spans from approximately 100 metres north of the intersection of Cooper Hill Road and Boundary Road to approximately 225 metres south of the intersection of Mitch Owens Road and Boundary Road along the east side of Boundary Road.</li> <li>• <b>Status:</b> Vegetation clearing completed as of September 2022; status of hydro-electric work is unknown but assumed to be completed sometime soon after the vegetation clearing.               <ul style="list-style-type: none"> <li>◦ Woodlands/vegetation/unevaluated wetlands cleared on the east side of Boundary Road including: an approximately 1.3 kilometre long, 20 metre wide area north and south of Devine Road; and, an approximately 1.2 kilometre long, 20 metre wide area north of the intersection of Boundary Road and Cooper Hill Road.</li> </ul> </li> </ul>

Source	Project Name	Details
South Nation Conservation (2022)	J. Henry Tweed Conservation Area Restoration Project	<ul style="list-style-type: none"> <li>• <b>Location:</b> 98 Craig Street and 110 Forced Road, Russell, ON</li> <li>• <b>Status:</b> Ongoing (2019 to present) <ul style="list-style-type: none"> <li>◦ Restoration activities have included streambank stabilization, trail resurfacing, pedestrian bridge installations, dead tree removals, shoreline restoration, and native tree and shrub planting.</li> </ul> </li> </ul>
Russell Township (2022) Paving and Capital Projects	Road Resurfacing Projects	<ul style="list-style-type: none"> <li>• <b>Location:</b> Various locations within the spatial boundaries of the cumulative effects assessment.</li> <li>• <b>Status:</b> Ongoing/Planned (2022 to 2026) <ul style="list-style-type: none"> <li>◦ Resurfacing requires removal and replacement of the pavement structure. The majority of the planned resurfacing projects for 2022 to 2026 are 1 kilometre or less in length and would be completed during the summer months.</li> </ul> </li> </ul>
City of Ottawa (2022) Construction and Infrastructure Projects	Road, Culvert and Bridge Renewals	<ul style="list-style-type: none"> <li>• <b>Location:</b> Various locations within the spatial boundaries of the cumulative effects assessment including two road resurfacing projects on Boundary Road.</li> <li>• <b>Status:</b> Planned – most projects are planned to start in the next two to three years.</li> </ul>

### 6.3 Residual Effects Carried forward in the Cumulative Effects Assessment

The residual effects of the Project are identified in Appendix E of the ER (Net Effects Analysis). While GHD used the term “net effects”, it should be noted that these are the same thing as residual effects as defined in this ER Update.

Residual effects are those effects that remain following the application of mitigation measures and they are the effects that are carried forward into the cumulative effects assessment.

The following residual effects distilled from the net effects analysis in the ER have been carried forward for the cumulative effects assessment:

- Reduction in surface water quality;
- Loss or alteration of vegetation;
- Weed introduction and/or spread;
- Changes to wildlife habitat, movement, and mortality risk;
- Increase in nuisance noise; and,
- Temporary increase in traffic on local roads.

### 6.4 Identification and Analysis of Potential Cumulative Effects

The potential residual environmental effects associated with the Project along with identified existing activities and reasonably foreseeable developments acting in combination with the Project are presented in the following subsections.

#### 6.4.1 Reduction in Surface Water Quality

The Project may contribute to a cumulative reduction in water quality due to the potential transport of sediment through runoff that may occur as a result of construction activities.

Existing activities that have the potential to contribute to a reduction in surface water quality within the Study Area include:

- Industrial development and runoff;
- Road and utility line construction and maintenance;
- Urban and anthropogenic sources (for example, parking lots, runoff from lawn maintenance);

- Past instream construction activities; and,
- Ongoing erosion of approach slopes and banks from encroaching disturbances and activities or changes in hydrologic patterns (for example, stormwater runoff).

Contaminants can enter watercourses via the inadvertent inflow of road salt and from accidental spills. Changes in water quality and temperature may occur downstream of industrial and municipal storm water outfalls and reservoirs. Indirect introduction of chemical contaminants may also occur where compounds are adsorbed by sediment via atmospheric deposition, past industrial activities, or accidental release.

It is expected that the Project and reasonably foreseeable developments have the potential to act cumulatively on surface water quality within the Study Area through increased site and road runoff, and erosion. Most of the Study Area is characterized by a range of rural residential and industrial development and agriculture. Potential residual effects of a reduction in surface water quality during pipeline construction are anticipated to be mitigated; therefore, the Project's contribution to a cumulative reduction in water quality is considered negligible in magnitude.

It is expected that most other reasonably foreseeable developments will be developed in accordance with regulatory guidelines to protect water quality. It is also expected that best management practices will be implemented by many industry and land users to prevent the contamination of water within the Study Area. No mitigation measures beyond the Project-specific mitigation already recommended in the ER and Enbridge Gas' Construction and Maintenance Manual are deemed to be warranted to reduce the potential for cumulative effects on surface water quality. In consideration of the highly developed area, the total cumulative effect is considered medium magnitude.

The Project's contribution to a cumulative change in water quality is expected to be immediate to short-term in duration, isolated, and reversible. Consequently, a significant effect as a result of the Project's contribution to the reduction of water quality is not likely to occur.

#### 6.4.2 Loss or Alteration of Vegetation

The Project is located in an agricultural, rural residential, and industrial setting with deciduous woodland and some unevaluated wetlands. The amount of disturbance to vegetation as a result of the Project is limited to the existing, previously-disturbed



municipal road right-of-way. No tree removals are required for Project construction or operations.

Reasonably foreseeable developments listed in **Section 6.2.2** may also result in the loss or alteration of vegetation in the Study Area. For example, road construction will also likely result in clearing of roadside edges.

No locally or regionally adopted threshold or standard exists against which an incremental change in vegetation composition can be judged; however, given the extensive amount of loss and alteration of vegetation within the Study Area, the magnitude of the total cumulative effect (that is, the effects of the Project in combination with the effects of other developments) is considered high when comparing the existing vegetation communities and those that existed prior to development in the area. The total cumulative effect is also long to extended-term in duration (due to the regrowth time for trees) or irreversible where native vegetation is not allowed to regrow (such as at highways, and residential and industrial developments) and, consequently, is considered significant.

The Project is predicted to have a negligible contribution to the cumulative change to vegetation composition in this setting, as the Project will only impact currently disturbed roadside edges in a previously-disturbed setting, and the total cumulative effect will occur with or without the Project.

All lands supporting vegetation disturbed by construction will be seeded with the appropriate seed mixture following clean-up activities. No additional mitigation measures beyond the Project-specific mitigation already recommended in the ER and Enbridge Gas' Construction and Maintenance Manual are deemed to be warranted to reduce the potential for cumulative effects on loss or alteration of vegetation.

The Project's negligible contribution to cumulative change of vegetation composition within the Study Area is considered reversible, low magnitude, and short to medium-term in duration, depending on the time needed for various species to regenerate following disturbance. Consequently, a significant effect as a result of the Project's contribution to cumulative loss or alteration of vegetation is not likely to occur.

### 6.4.3 Weed Introduction and/or Spread

Weeds typically establish in areas that have been previously disturbed. Existing activities resulting in ground disturbance as well as the potential introduction and spread of weeds include agriculture, rural settlement, transportation and infrastructure, and utility activities. Since construction activities for the Project, existing activities and reasonably foreseeable developments will entail ground disturbance, each will act cumulatively to cause weed introduction and spread within the Study Area.

Weed management in the Study Area includes residential-level efforts (for example, pesticide) as well as regional and municipal level management that have, and will continue to, reduce the degree to which weeds are introduced or spread. Although there is a high level of disturbance and activities within the Study Area, ongoing weed control efforts are anticipated to maintain the total cumulative effect associated with the presence and abundance of weeds. Therefore, the total cumulative effect is considered to be of low to medium magnitude.

The recommended weed-related mitigation measures will reduce the potential for cumulative effects. It is anticipated that best management practices will be implemented by local residents and business owners to reduce the introduction of weeds associated with private properties. No additional weed mitigation is recommended. It is expected that the Project's contribution to the introduction and spread of weeds will be reversible and of negligible magnitude considering the rural and industrial setting of the Project. Therefore, a significant effect is not likely to occur.

### 6.4.4 Changes to Wildlife Habitat, Movement, and Mortality Risk

#### 6.4.4.1 Wildlife Habitat

Direct alteration of habitat (for example, vegetation clearing, changes in water quality and quantity) and indirect alteration of habitat (for example, noise or vibration and human activity) resulting from existing activities and reasonably foreseeable developments will act cumulatively with the Project to affect wildlife habitat. Past developments and existing activities that have disturbed or encroached on wildlife habitat are mostly attributed to agricultural, industrial, and transportation corridor development and the associated anthropogenic sources (for example, pesticides, runoff, and use of vehicles).

Studies suggest that as habitat loss increases, the remaining habitat becomes increasingly fragmented or the habitat patches are increasingly isolated, which may compound the effects of habitat loss (Swift and Hannon 2010). The extent and frequency of disturbance in industrial landscapes, such as the Study Area, have exceeded levels at which the ecosystems are capable of supporting some wildlife populations with natural biodiversity and abundance. Long-term land use planning has identified areas of extensive development indefinitely in the future and, therefore, disturbance to habitat associated with these activities are considered to be permanent (irreversible). Taking into account that agricultural, residential, and industrial uses are predominant in the region and there are woodlands and wetlands that provide wildlife habitat, the magnitude of total cumulative effects on wildlife habitat resulting from existing activities in combination with the Project and reasonably foreseeable developments is high magnitude. The total cumulative effect is also long to extended-term in duration (due to the regrowth time for trees) or irreversible where native vegetation is not allowed to regrow (such as at highways, and residential and industrial developments) and, consequently, is considered significant.

Considering this is a pipeline project, and that activities that have the potential to directly alter or reduce wildlife habitat (such as clearing) will be conducted within the previously-disturbed municipal road right-of-way, no new habitat fragmentation is anticipated. No mitigation beyond the Project-specific mitigation already recommended in the ER and Enbridge Gas' Construction and Maintenance Manual are deemed to be warranted. The Project's contribution to the cumulative change to wildlife habitat is considered to be negligible, isolated, reversible, and short to medium-term in duration. Consequently, a significant effect as a result of the Project's contribution to cumulative change of wildlife habitat is not likely to occur.

## 6.4.4.2

**Wildlife Movement**

The Project may act cumulatively within the existing landscape which is dominated by agriculture, and rural residential development, roads and transportation corridors, and utility infrastructure (for example, electric transmission lines). These activities may cause changes in the natural movement patterns of wildlife.

Displacement and sensory disturbance of wildlife resulting from pipeline construction may act cumulatively with current sources of auditory and visual disturbances, such as

vehicular traffic noise, sound emissions from nearby industrial and rural activities, as well as human domestic activities and natural sounds. The existing environment may already cause wildlife to alter their movement patterns (for example, through avoidance). Reasonably foreseeable developments that may act cumulatively with the Project in the Study Area to affect wildlife movement patterns include road construction and industrial developments. Although the construction schedules of some of the identified reasonably foreseeable developments are not concrete, for the purposes of the cumulative effects assessment, it was assumed that these developments would be constructed during the same construction period as the Project and would interact with the Project and existing activities to incrementally increase cumulative effects on wildlife movement.

To reduce or avoid changes to wildlife movement during pipeline construction, mitigation measures will be implemented such as conducting wildlife surveys at appropriate times, and consulting and engaging with a qualified environmental professional for proper handling/relocation of reptiles. Construction is anticipated to begin in winter (Q4 2023) and be completed before spring 2024. Winter construction would mitigate the potential for effects on reptiles and migratory birds. The pipeline is being installed within the municipal road right-of-way adjacent to existing linear utility corridors (for example, electric transmission lines); therefore, barriers to movement after construction activities caused by fragmentation are not anticipated. Given the extensive loss and alteration of wildlife habitat and the existing development within the Study Area, the magnitude of the total cumulative effect on wildlife movement patterns is considered high and, consequently, significant. The Project is predicted to have a negligible contribution to the cumulative effects on wildlife movement patterns in the Study Area and the total cumulative effect will occur with or without the Project. With the implementation of mitigation measures, the Project's contribution to cumulative effects on wildlife movement patterns within the Study Area is anticipated to be short-term in duration, isolated, and reversible. Consequently, a significant effect as a result of the Project's contribution to cumulative change of wildlife movement is not likely to occur.

#### 6.4.4.3 Wildlife Mortality Risk

The Project may act cumulatively within the existing landscape which is dominated by agriculture, and rural residential development, roads and transportation corridors, and

utility infrastructure (for example, electric transmission lines). These activities may increase wildlife mortality risk from habitat and sensory disturbance, or vehicle/wildlife collisions.

Risk of wildlife mortality will be mitigated by using multi-passenger vehicles to transport crews, limiting vehicle speeds in Project construction zones, relocating wildlife observed on the construction footprint, properly managing waste storage and disposal to avoid attracting wildlife, and erecting exclusion fencing in specific areas, if needed.

The magnitude of the total cumulative effect on wildlife mortality risk is considered medium magnitude. The Project is predicted to have a negligible contribution to the cumulative effects on wildlife mortality risk in the Study Area, and the total cumulative effect will persist with or without the Project. The Project-specific contributions of effects on cumulative changes in wildlife mortality risk within the Study Area are considered to be short-term in duration and isolated to the construction phase. Consequently, a significant effect as a result of the Project's contribution to increase in wildlife mortality risk is not likely to occur.

#### 6.4.5 Increase in Nuisance Noise

Ambient sound levels in the Study Area are a product of vehicular traffic noise from the nearby Highway 417 and arterial and local road traffic, sound emissions from nearby industrial and rural activities, as well as human domestic activities and natural sounds. Nuisance noise will increase during pipeline construction activities due to the increased truck traffic and operation of heavy equipment and may act cumulatively with reasonably foreseeable developments that may also increase noise (for example, road construction and industrial development activities).

Although locations and/or timing of any reasonably foreseeable developments in the Study Area could not be determined, for the purposes of the cumulative effects assessment, it was assumed there will be some overlapping construction-related activity to increase nuisance noise over ambient levels during pipeline construction activities.

The total cumulative effect resulting from the Project in combination with existing and reasonably foreseeable developments on the acoustic environment may be considered to be medium magnitude, however, the effect will be short-term in duration, and it is expected that local residents are used to noise from industry and roads in the area. It is

expected that operators of reasonably foreseeable developments will implement mitigation developed in accordance with industry standards for noise emissions.

The Project-specific contributions of effects on a cumulative increase in nuisance noise within the Study Area are considered reversible, isolated, medium magnitude, and short-term in duration since the cumulative increase in nuisance noise will be alleviated upon completion of pipeline construction activities. Consequently, a significant effect as a result of the Project's contribution to nuisance noise is not likely to occur.

#### 6.4.6 Increase in Traffic on Local Roads

The Project will act cumulatively with existing activities and reasonably foreseeable developments in the Study Area to increase traffic on local roads during construction. During construction, temporary detours or road closures may be required, which may increase traffic on nearby roads that would otherwise not be affected by construction activities. There may also be temporary disturbance to laneways and accesses when construction passes in front of homes or businesses.

The total cumulative effect may be considered to be of medium to high magnitude, but will be short-term in duration. Enbridge Gas will engage with the City of Ottawa and Russell Township to develop traffic management plans to reduce the magnitude of the cumulative effect.

With the implementation of appropriate mitigation measures, including a Traffic Management Plan, the Project's contribution to a cumulative increase in traffic is considered to be of medium magnitude, reversible, and a short-term, isolated event that is not anticipated to extend beyond the Study Area. Consequently, a significant effect as a result of the Project's contribution to increased traffic on local roads is not likely to occur.

### 6.5 Cumulative Effects Assessment Summary

There is limited confidence in the assessment of total cumulative effects due to the inherent assumptions and uncertainties at the regional scale and assessment approach that is proportionate to the scope and regional context of the Project.

With the implementation of mitigation measures, there are no situations where the Project's contribution to cumulative effects is predicted to result in a permanent or

long-term effect of high magnitude that has a high probability of occurrence and cannot be technically or economically mitigated.

## 7.0 Summary and Conclusions

The ER Update involved a review of the ER (GHD 2020), an updated natural heritage desktop review, a field survey, a stakeholder engagement and Indigenous consultation program, and an updated cumulative effects assessment.

The objective of the ER Update was to determine if changes in the environmental and socio-economic environment had occurred since the ER was completed in 2020 and if these changes resulted in any material change in the assessment of potential effects of Project construction and operations. Dillon observed changes in the natural and built environment in the form of increased industrialization and development in the Study Area. Woodlands and wetlands had been cleared that were previously intact when the ER was written in 2019/2020.

A consultation and engagement program was completed to re-introduce the Project to the community and determine if any new concerns had arisen since the Project was initiated in 2019.

The Preferred Route identified in the ER was not reviewed against other route options and a new routing analysis was not determined to be necessary for this ER Update, as there are limited feasible route options available to service the single customer for which the Project is intended. The Preferred Route is the most direct route and is sited in existing, previously disturbed road rights-of-way, which greatly reduces potential adverse effects to the surrounding environment.

No new mitigation measures were introduced in this ER Update. Mitigation measures were recommended in the ER to reduce potential adverse effects to the environment. These recommendations, in combination with the implementation of industry standard best practices, Enbridge Gas' Construction and Maintenance Manual, and a Project-specific Environmental Protection Plan are anticipated to effectively protect the physical, natural, and socio-economic features along the pipeline route. Enbridge Gas will develop a Project-specific Environmental Protection Plan prior to construction including appropriate management and contingency plans (for example, Waste Management, Traffic Management, Spill Contingency) and Environmental Alignment Sheets with detailed mitigation measures. The mitigation recommendations contained in this report, along with Enbridge Gas' construction policies, should be included in



contract specifications. Use of a qualified Environmental Inspector will help reduce disturbance to the environment during pipeline construction activities.

Lastly, preparation of Interim and Final Post-Construction Monitoring Reports and the implementation of an Environmental Inspection Program will assist with monitoring the area to determine any changes to the environment from pre-construction conditions following the construction period.

Dillon does not anticipate any significant adverse effects from the construction and operation of the Project with the implementation of the mitigation measures recommended in the ER in combination with Enbridge Gas' Construction and Maintenance Manual, and a Project-specific Environmental Protection Plan.

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# Appendix A

## Contact List

Stakeholder Category	Surname	First Name	Organization	Department	Title/Role	Address	Telephone	E-Mail
Indigenous Community	Charbonneau	Daniel	Algonquins of Ontario		Executive Director	31 Riverside Drive, Suite 101, Pembroke, Ontario, K8A AR6	613-735-3759	dcharbonneau@tanakiwin.com
Indigenous Community	Benedict	Abram	Mohawk Council of Akwesasne		Grand Chief	PO Box 90, Akwesasne, Quebec, H0M 1A0	613-575-2250 ext. 2166	info@akwesasne.ca grand.chief@akwesasne.ca
Federal Elected Official	Drouin	Francis	Government of Canada	Glengarry-Prescott-Russell	Member of Parliament	1468 Laurier Street, Suite 201, Rockland, Ontario, K4K 1C8	613-446-6310	francis.drouin@parl.gc.ca
Federal Elected Official	Poillievre	Pierre	Government of Canada	Carleton	Member of Parliament	1139 Mill Street, Manotick, Ontario, K4M 1A5	613-692-3331	pierre.poillievre@parl.gc.ca
Federal Elected Official	Arya	Chandra	Government of Canada	Nepean	Member of Parliament	201-240 Kennevale Drive, Nepean, Ontario, K2J 6B6	613-825-5505	chandra.arya@parl.gc.ca
Provincial Elected Official	Ghamari	Goldie	Government of Ontario	Carleton	Member of Provincial Parliament	Unit 30, 6179 Perth Street, Richmond, Ontario, K0A 2Z0	613-838-4425	goldie.ghamari@pc.ola.org
Provincial Elected Official	MacLeod	Lisa	Government of Ontario	Nepean	Member of Provincial Parliament	Unit 222/3, 250B Greenbank Road, Nepean, Ontario, K2H 8X4	613-823-2116	Lisa.Macleodco@pc.ola.org
Provincial Elected Official	Sarrazin	Stéphane	Government of Ontario	Glengarry-Prescott-Russell	Member of Provincial Parliament	290A McGill Street, Hawkesbury, Ontario, K6A 1P8	613-632-2706	Stephane.Sarrazin@pc.ola.org
Provincial Agency	McDonald	Alison	South Nation Conservation	Planning	Team Lead (Approvals)	PO Box 29, 38 Victoria Street, Finch, Ontario, K0C 1K0	613-984-2948	amcdonald@nation.on.ca
Provincial Agency			Hydro One Networks Inc.	Secondary Land Use				SecondaryLandUse@HydroOne.com
Provincial Agency			Ministry of Agriculture Food and Rural Affairs	General EA Contact Email				omafra.eanotices@ontario.ca
Provincial Agency	Beatty	Jocelyn	Ministry of Agriculture Food and Rural Affairs	Central-Eastern Ontario and Northwestern Ontario, Land Use Policy & Stewardship	Rural Planner	6484 Wellington Road 7, Unit 10, Elora, Ontario, N0B 1S0	519-546-7612	jocelyn.beatty@ontario.ca
Provincial Agency	Wittenbrinck	Joerg	Ministry of Energy	Governance, Strategy and Analytics Branch, Strategic Network and Agency Policy Division	Manager	77 Grenville Street, 6th Floor, Toronto, Ontario, M7A 1B3	416-274-2126	joerg.wittenbrinck@ontario.ca
Provincial Agency	Handford	Karen	Ministry of Natural Resources and Forestry	Kemptville District	Supervisor	31 Riverside Drive, Pembroke, Ontario, K8A 6X4		karen.handford@ontario.ca

Stakeholder Category	Surname	First Name	Organization	Department	Title/Role	Address	Telephone	E-Mail
Provincial Agency	Hart	Tracy	Ministry of the Environment Conservation and Parks	Ottawa District	Manager	2430 Don Reid Drive, Unit 103, Ottawa, Ontario, K1H 1E1	613-521-3450	tracy.hart@ontario.ca
Provincial Agency			Ministry of the Environment Conservation and Parks	Eastern Region	EA Notification	1259 Gardiners Road, Unit 3, Kingston, Ontario, K7P 3J6	613-549-4000	eanotification.eregion@ontario.ca
Provincial Agency	Thompson	Dan	Ministry of Natural Resources and Forestry		District Manager	PO Box 2002, 10 Campus Drive, Unit 1, Kemptville, Ontario, K0G 1J0	613-258-8201	dan.l.thompson@ontario.ca
Provincial Agency	Irish	Dawn	Ministry of Transportation	Environmental Policy Office, Transportation Planning Branch	Manager	301 St. Paul Street, St. Catherines, Ontario, L2R 7R4	905-380-5196	dawn.irish@ontario.ca
Provincial Agency	Makula	Peter	Ministry of Transportation	Design and Engineering Branch	Manager, Engineering Program Delivery, East	PO Box 4000, 1355 John Counter Boulevard, Kingston, Ontario, K7L 5A3	613-329-5523	jeff.hudebine@ontario.ca, peter.makula@ontario.ca
Provincial Agency	Barboza	Karla	Ministry of Citizenship and Multiculturalism	Heritage Planning Unit, Programs and Services Branch	Team Lead	400 University Ave, 5 <sup>th</sup> Floor, Toronto, Ontario, M7A 2R9	416-660-1027	karla.barboza@ontario.ca
Provincial Agency	Goold	Carmen	Ministry of Citizenship and Multiculturalism	Ottawa Region	Regional Advisor	347 Preston Street, 4th Floor, Ottawa, Ontario, K1S 3J4	613-323-3118	carmen.goold@ontario.ca
Provincial Agency	Andrews	Valerie	Ministry of Citizenship and Multiculturalism	East Region	Regional Manager	347 Preston Street, 4th Floor, Ottawa, Ontario, K1S 3J4	613-720-7271	valerie.andrews@ontario.ca
Provincial Agency	Greene	Robert	Ministry of the Solicitor General		Director	25 Grosvenor Street, 13th Floor, Toronto, Ontario, M7A 1Y6	416-277-2370	robert.greene@ontario.ca
Provincial Agency	Sauvé	Jocelyn	Ontario Provincial Police	Russell County Detachment	Staff Sergeant	411 New York Central Avenue, Embrun, Ontario, K0A 1W1	613 443-4499	jocelyn.sauve@opp.ca
Provincial Agency	Nicholas	Lisa	Ontario Provincial Police	Ottawa Detachment	Staff Sergeant	PO Box 13490, 1921 Provincial Police Lane, Ottawa, Ontario, K2K 1X6	613 270-9171	lisa.nicholas@opp.ca
Ontario Pipeline Coordinating Committee	Crnojacki	Zora	Ontario Pipeline Coordinating Committee	Ontario Energy Board (OEB)	OPCC Chair	PO Box 2319, 2300 Yonge Street, 26th Floor, Toronto, Ontario, M4P 1E4	416-440-8104	Zora.Crnojacki@oeb.ca
Ontario Pipeline Coordinating Committee	Geerts	Helma	Ontario Pipeline Coordinating Committee	Ministry of Agriculture, Food and Rural Affairs	Policy Advisor, Land Use Policy & Stewardship	1 Stone Road West, 3rd Floor SE, Guelph, Ontario, N1G 4Y2	519-546-7423	Helma.Geerts@ontario.ca

Stakeholder Category	Surname	First Name	Organization	Department	Title/Role	Address	Telephone	E-Mail
Ontario Pipeline Coordinating Committee	Barboza	Karla	Ontario Pipeline Coordinating Committee	Ministry of Citizenship and Multiculturalism	Team Lead, Heritage Planning Unit, Programs and Services Branch	400 University Avenue, 5th Floor, Toronto, Ontario, M7A 2R9	416-660-1027	karla.barboza@ontario.ca
Ontario Pipeline Coordinating Committee	Difabio	Tony	Ontario Pipeline Coordinating Committee	Ministry of Transportation	Team Lead, Operations Division, Corridor Management	301 St. Paul Street West, St. Catharines, Ontario, L2R 7R4	365-336-2136	Tony.DiFabio@ontario.ca
Ontario Pipeline Coordinating Committee	Johnston	Keith	Ontario Pipeline Coordinating Committee	Ministry of Natural Resources and Forestry	Environmental Planning Team Lead, Strategic and Indigenous Policy Branch	99 Wellesley Street West, Toronto, Ontario, M7A 1W3	705-313-6960	keith.johnston@ontario.ca
Ontario Pipeline Coordinating Committee	Harris	Maya	Ontario Pipeline Coordinating Committee	Ministry of Municipal Affairs and Housing – Central Municipal Services Office	Manager, Community Planning/Development - East	777 Bay Street, 13th Floor, Toronto, Ontario, M5G 2E5	416-585-6063	maya.harris@ontario.ca
Ontario Pipeline Coordinating Committee	Elms	Michael	Ontario Pipeline Coordinating Committee	Ministry of Municipal Affairs and Housing – Eastern Municipal Services Office	Manager, Community Planning and Development	8 Estate Lane, Rockwood House, Kingston, Ontario, K7M 9A8	613-545-2132	michael.elms@ontario.ca
Ontario Pipeline Coordinating Committee	Schulte-Hostedde	Bridget	Ontario Pipeline Coordinating Committee	Ministry of Municipal Affairs and Housing – Municipal Services Office – North (Sudbury)	Regional Director (Sudbury, Thunder Bay - Acting)	Suite 401, 159 Cedar Street, Sudbury, Ontario, P3E 6A5 Suite 223, 435 James Street South, Thunder Bay, Ontario, P7E 6S7	705-564-6858 or 807-475-1187	bridget.schulte-hostedde@ontario.ca
Ontario Pipeline Coordinating Committee	Potter	Katy	Ontario Pipeline Coordinating Committee	Ministry of Environment, Conservation and Parks	Supervisor (Acting)	135 St Clair Avenue West, 7th Floor, Toronto, Ontario, M4V 1P5	416-804-2793	katy.potter@ontario.ca
Ontario Pipeline Coordinating Committee	Moulton	Jennifer	Ontario Pipeline Coordinating Committee	Ministry of Environment, Conservation and Parks (Source Protection Program Branch)	Manager (Acting)	40 St Clair Avenue West, 14th Floor, Toronto, Ontario, M4V 1M2	519-860-7851	jennifer.l.moulton@ontario.ca
Ontario Pipeline Coordinating Committee	Gibson	Amy	Ontario Pipeline Coordinating Committee	Ministry of Energy	Manager	77 Grenville Street, 6th Floor, Toronto, Ontario, M7A 1B3	416-315-8641	amy.gibson@ontario.ca



Stakeholder Category	Surname	First Name	Organization	Department	Title/Role	Address	Telephone	E-Mail
Ontario Pipeline Coordinating Committee	Ostrowka	Cory	Ontario Pipeline Coordinating Committee	Infrastructure Ontario	Environmental Specialist	1 Dundas Street West, Suite 2000, Toronto, Ontario, M5G 1Z3	416-212-6976	cory.ostrowka@infrastructureontario.ca
Municipal Elected Official	Darouze	George	City of Ottawa	City Council	Councillor, Ward 20 and Deputy Mayor (Osgoode)	110 Laurier Avenue West, Ottawa, Ontario, K1P 1J1	613-580-2490	George.Darouze@ottawa.ca
Municipal Elected Official	Leroux	Pierre	Township of Russell	Township Council	Mayor	717 Notre Dame Street, Embrun, Ontario, K0A 1W1	613-443-3066 ext. 2307 or 613-915-1975	pierreleroux@russell.ca
Municipal Elected Official	Brisson	Andre	Township of Russell	Township Council	Councillor	717 Notre Dame Street, Embrun, Ontario, K0A 1W1	613-914-7066	andrebrisson@russell.ca
Municipal Elected Official	Laurin	Jamie	Township of Russell	Township Council	Councillor	717 Notre Dame Street, Embrun, Ontario, K0A 1W1	613-601-3581	jlaurin@russell.ca
Municipal Elected Official	Saucier	Cindy	Township of Russell	Township Council	Councillor	717 Notre Dame Street, Embrun, Ontario, K0A 1W1	613-857-2715	cindysaucier@russell.ca
Municipal Elected Official	Tarnowski	Mike	Township of Russell	Township Council	Councillor	717 Notre Dame Street, Embrun, Ontario, K0A 1W1	613-668-1866	miketarnowski@russell.ca
Municipal Agency	O'Connor	Rick	City of Ottawa		City Clerk	110 Laurier Avenue West, Ottawa, Ontario, K1P 1J1	613-580-2424 ext. 21215	rick.oconner@ottawa.ca
Municipal Agency	Forgie	Charmaine	City of Ottawa	Planning and Infrastructure Department	Department Head	110 Laurier Avenue West, Ottawa, Ontario, K1P 1J1		Charmaine.Forgie@ottawa.ca
Municipal Agency	Kingston	Nicolina	Ottawa Fire Station	Station 73	Captain (Acting)	6090 Rockdale Road, Vars, Ontario, K0A 3H0	613-835-1682	FireRequests@ottawa.ca
Municipal Agency	Bourgon	Jonathan	Township of Russell	Infrastructure Services	Executive Director	717 Notre Dame Street, Embrun, Ontario, K0A 1W1	613-443-1747 ext. 212	JonathanBourgon@Russell.ca
Municipal Agency	Tremblay	Dominique	Township of Russell	Planning, Building and Economic	Director	717 Notre Dame Street, Embrun, Ontario, K0A 1W1	613-443-1747 ext. 2317	dominiquetremblay@Russell.ca
Municipal Agency	Camiré Laflamme	Joanne	Township of Russell		Municipal Clerk	717 Notre Dame Street, Embrun, Ontario, K0A 1W1	613-443-1747 ext. 2310	clerk.grefe@russell.ca
Municipal Agency	Armstrong	Bruce	Russell Fire Department		Chief	1195 South Russell Road, Russell, Ontario, K4R 1E5	613-445-3326	brucearmstrong@russell.ca
Municipal Agency	Boudreau	Christian	Prescott and Russell Emergency Services	Paramedic Services	Deputy Chief of Operations	PO Box 150, Plantagenet, Ontario, K0B 1L0	613-673-5139 or 866-311-9711	Jlamarche@prescott-russell.on.ca cboudreau@prescott-russell.on.ca
Interest Group	Rowland	Mhairi	Russell Agricultural Society		President	PO Box 730, 1076 Concession Street, Russell, Ontario, K4R 1E8	613-445-1116	info@russellagriculturalsociety.com

Stakeholder Category	Surname	First Name	Organization	Department	Title/Role	Address	Telephone	E-Mail
Interest Group	Clarkin	Owen	Citizens Environmental Stewardship Association			1280 Saint Andre Road, Embrun, Ontario, KOA 1W0		
Interest Group	Parsons	Greg	Bell Canada	Ottawa Region		39 Apple Street, Brockville, Ontario, K6V 4X7		greg.parsons1@bell.ca
Interest Group	Webster	Janice	Rogers			475 Richmond Road, Ottawa, Ontario, K2A 3W9	613-759-8685	janice.webster@rci.rogers.com
Interest Group			Ottawa Student Transportation Authority			1645 Woodroffe Avenue, Room 102, Nepean, Ontario, K2G 1W2	613-224-8800 ext. 2380	centre.east@ottawaschoolbus.ca
Interest Group			Student Transportation of Eastern Ontario			104 Commerce Drive, Prescott, Ontario, KOE 1T0	613-925-0022	transportation@steo.ca
Interest Group	Labreche	Denis	Carlsbad Springs Community Association			5556 Piperville Road, Carlsbad Springs, Ontario, KOA 1K0		dlabreche@rogers.com

## Appendix B

### Notice of Project Recommencement (English and French)

# Enbridge Gas Inc. 5371 Boundary Road Pipeline Project

## Notice of Project Recommencement and Virtual Public Information Session

City of Ottawa and Township of Russell, Ontario

### Project Overview

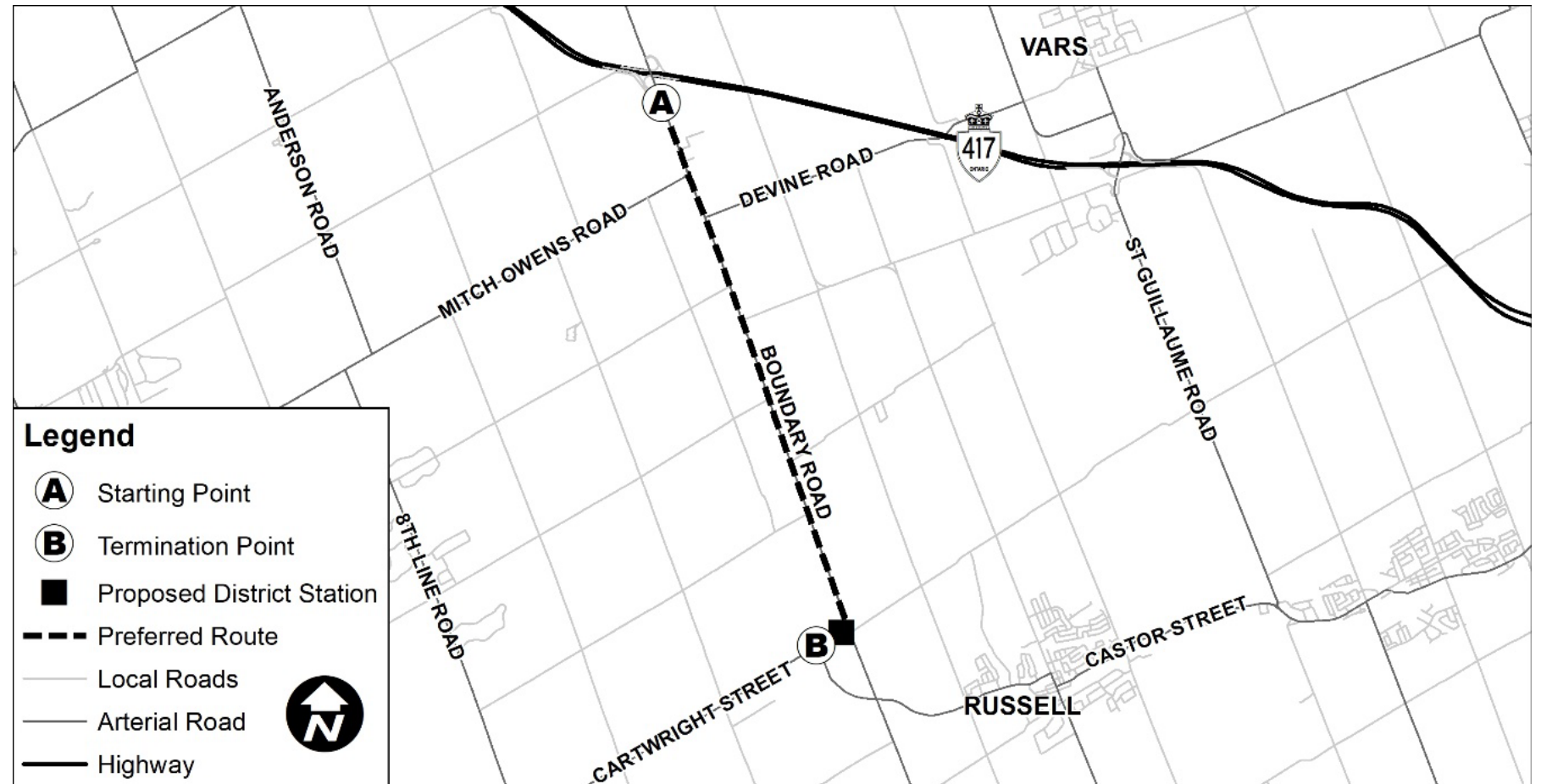
The proposed 5371 Boundary Road Pipeline Project is a customer-driven project for a new natural gas pipeline to be located primarily along Boundary Road, on the municipal boundary between the City of Ottawa and Township of Russell, south of Highway 417. The project was initiated by Broccolini, a developer and construction company who owns the warehouse at 5371 Boundary Road.

The project will require the installation of a 0.7 km 4 inch steel pipeline, a 9.4 km 4 inch polyethylene pipeline and a new district station. District stations are pressure regulating stations that reduce natural gas pressure and feed lower pressure networks safely. The district station is proposed on the north side of Cartwright Street, approximately 60 metres west of Boundary Road.

Enbridge Gas first initiated this project in 2019 at the request of two customers. A public information session took place on November 27, 2019, and an environmental assessment and design were completed in early 2020. The project was put on-hold in October 2020 after the potential customers withdrew their request. The project recommenced in May 2022 at the request of one customer.

While the project study area remains consistent, Enbridge Gas has retained Dillon Consulting Limited to oversee the environment-related components required for a new Leave-to-Construct (LTC) application to the Ontario Energy Board (OEB).

Once the environmental assessment and design have been finalized, Enbridge Gas will file a new LTC application with the OEB. This filing is tentatively scheduled for February 2023. If approved, construction of the pipeline could begin in January 2024 with a proposed in-service date of August 2024



### Invitation to the Community

Stakeholder and Indigenous consultation is a key component of this study. Members of the general public, landowners, government agencies, current customers, Indigenous communities, and other interested parties are invited to participate in the study. We are hosting a Virtual Public Information Session to provide you with an opportunity to review the project and provide input.

**Virtual Public Information Session Website:** [www.BoundaryRoadEA.ca](http://www.BoundaryRoadEA.ca)

**Active Dates:** Monday, November 14 to Sunday, November 27, 2022

If you are interested in participating or would like to provide comments, please visit the Virtual Public Information Session website or contact one of the individuals listed here. The last day to submit comments for consideration in the environmental study is **Wednesday, December 14, 2022.**

**Enbridge Gas Project Website:** [www.enbridgegas.com/boundaryroad](http://www.enbridgegas.com/boundaryroad)

### Project Contacts

**Alissa Lee**  
EA Project Manager  
Dillon Consulting Limited

**Tanya Turk**  
Advisor Environment  
Enbridge Gas Inc.

**Project Email:**  
BoundaryRoadEA@dillon.ca

**Telephone:**  
613-745-2213, ext. 3024



# Enbridge Gas Inc. Projet pipeline au 5371 route Boundary

## Avis de redémarrage du projet et séance d'information publique virtuelle

Ville d'Ottawa et canton de Russell (Ontario)

### Aperçu du projet

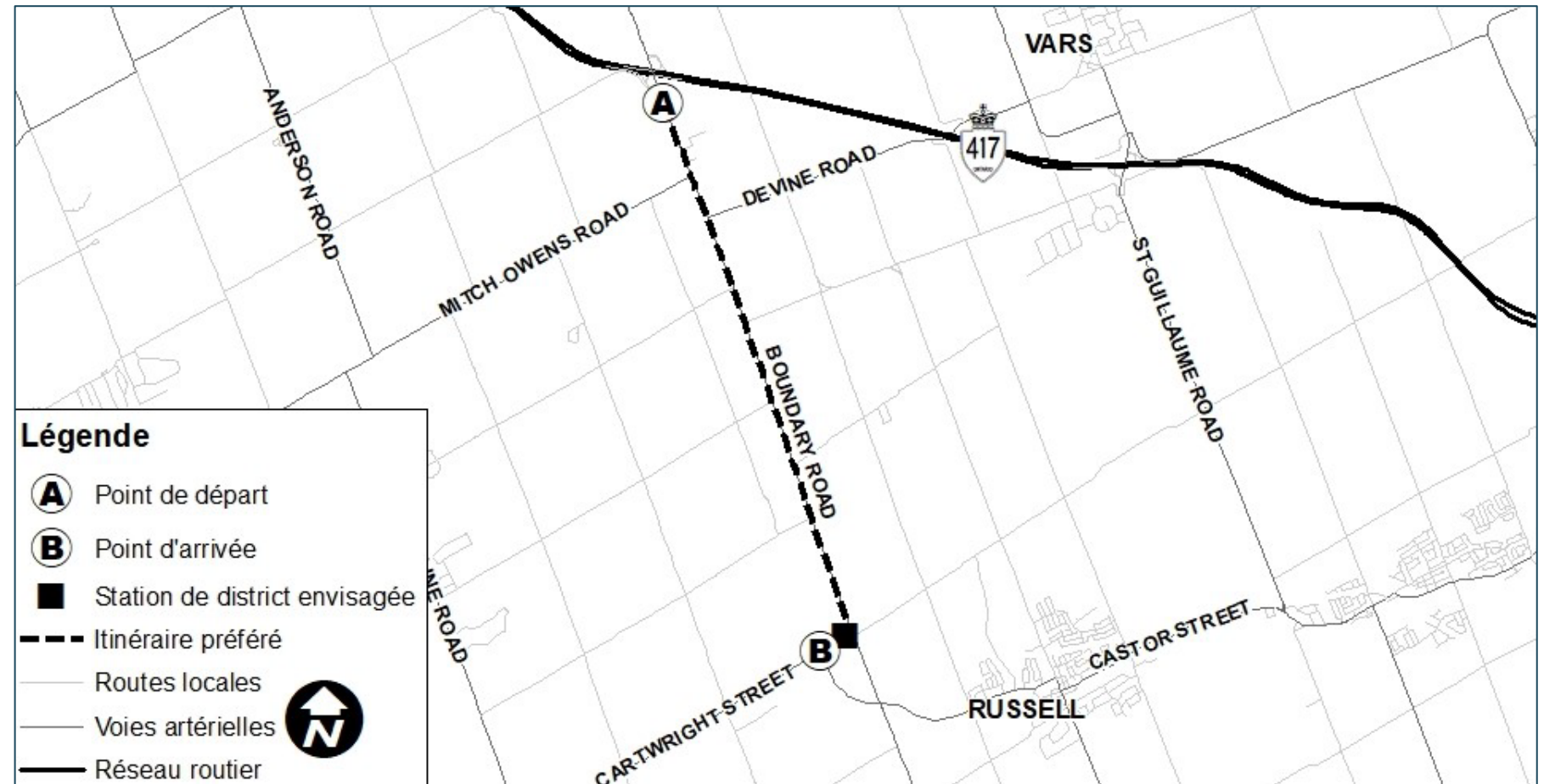
Le projet pipeline proposé au 5371 de la route Boundary est un projet axé sur la clientèle qui consiste à installer un nouveau gazoduc principalement le long de la route Boundary, à la limite municipale entre la ville d'Ottawa et le canton de Russell, au sud de de la route 417. Le projet a été lancé par Broccolini, une société de développement et de construction qui possède l'entrepôt situé au 5371 route Boundary.

Le projet nécessitera l'installation d'un pipeline en acier de 4 pouces sur une distance de 0,7 km, d'un pipeline en polyéthylène de 4 pouces sur une distance de 9,4 km, ainsi que d'une nouvelle station de district. Les stations de district sont des stations de régulation de pression qui réduisent la pression du gaz naturel et alimentent les réseaux à basse pression en toute sécurité. La station de district est prévue sur le côté nord de la rue Cartwright, à environ 60 mètres à l'ouest de la route Boundary.

Enbridge Gas a d'abord lancé ce projet en 2019 à la demande de deux clients. Une séance d'information publique a eu lieu le 27 novembre 2019 et une évaluation environnementale ainsi que la conception du projet ont été réalisées au début de 2020. Le projet a été mis en veille en octobre 2020 lorsque les clients potentiels ont retiré leur demande. Le projet a été relancé en mai 2022 à la demande d'un client.

Bien que la zone d'analyse du projet reste inchangée, Enbridge Gas a retenu les services de Dillon Consulting Limited afin de superviser les aspects liés à l'environnement nécessaires pour soumettre une nouvelle demande d'autorisation de construire.

Une fois l'évaluation environnementale et la conception terminées, Enbridge Gas déposera une nouvelle demande d'autorisation de construire auprès de la Commission de l'énergie de l'Ontario. Cette demande est provisoirement prévue pour février 2023. Si celle-ci est approuvée, la construction du gazoduc pourrait commencer en janvier 2024, avec une date de mise en service prévue en août 2024.



### Invitation à la collectivité

La consultation des parties prenantes et des autochtones est un élément clé de cette étude. Le grand public, les propriétaires fonciers, les agences gouvernementales, les clients actuels, les communautés autochtones et les autres parties intéressées sont invités à participer à l'étude. Nous organisons une séance d'information publique virtuelle pour vous donner l'occasion d'examiner le projet et de donner votre avis.

**Site Web de la séance d'information publique virtuelle :** [www.BoundaryRoadEA.ca](http://www.BoundaryRoadEA.ca)

**Dates d'entrée en vigueur :** du lundi 14 novembre au dimanche 27 novembre 2022

Si vous souhaitez participer ou formuler des commentaires, veuillez consulter le site Web de la séance d'information publique virtuelle ou communiquer avec l'une des personnes mentionnées ici. Le dernier jour pour soumettre des commentaires à prendre en compte dans l'étude environnementale est le **mercredi 14 décembre 2022**.

**Site Web du projet d'Enbridge Gas :** [www.enbridgegas.com/boundaryroad](http://www.enbridgegas.com/boundaryroad)

### Personnes-ressources du projet

**Alissa Lee**  
Conseillère énergétique,  
gestionnaire de projet  
Dillon Consulting Limited

**Tanya Turk**  
Conseillère en environnement  
Enbridge Gas Inc.

**Courriel du projet :**  
[BoundaryRoadEA@dillon.ca](mailto:BoundaryRoadEA@dillon.ca)

**Téléphone :**  
(613) 745-2213, poste 3024



## Appendix C

### Stakeholder Engagement Log

## Agency Correspondence

### Federal Agencies and Elected Officials

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
1.1	November 4, 2022	Member of Parliament Glengarry-Prescott-Russell <i>Contact: Francis Drouin</i>	Enbridge Gas representative provided the Notice of Project Recommendation via email.	N/A	N/A
2.1	November 4, 2022	Member of Parliament Carleton <i>Contact: Pierre Poilievre</i>	Enbridge Gas representative provided the Notice of Project Recommendation via email.	N/A	N/A
3.1	November 4, 2022	Member of Parliament Nepean <i>Contact: Chandra Ayra</i>	Enbridge Gas representative provided the Notice of Project Recommendation via email.	N/A	N/A

### Provincial Agencies and Elected Officials

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
4.1	November 4, 2022	Member of Provincial Parliament Carleton <i>Contact: Goldie Ghamari</i>	Enbridge Gas representative provided the Notice of Project Recommendation via email.	N/A	N/A
5.1	November 4, 2022	Member of Provincial Parliament Nepean <i>Contact: Lisa MacLeod</i>	Enbridge Gas representative provided the Notice of Project Recommendation via email.	N/A	N/A
6.1	November 4, 2022	Member of Provincial Parliament Glengarry-Prescott-Russell <i>Contact: Stéphane Sarrazin</i>	Enbridge Gas representative provided the Notice of Project Recommendation via email.	N/A	N/A
7.1	December 16, 2022	Member of Provincial Parliament Orléans <i>Contact: Stephen Blais</i>	A representative for the MPP emailed Dillon representative inquiring about a meeting with Enbridge Gas to discuss the Project.	December 16, 2022	Dillon representative provided contact information for an Enbridge Gas representative.
7.2	December 16, 2022	Member of Provincial Parliament Orléans <i>Contact: Stephen Blais</i>	A representative for the MPP emailed Enbridge Gas representative inquiring about availability for a meeting to discuss the Project.	December 19, 2022	Enbridge Gas representative stated they would be happy to arrange a meeting and asked the MPP's representative what times would work for them so they can determine the availability of Enbridge Gas representatives to attend a meeting.

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
8.1	November 4, 2022	Ontario Provincial Police (OPP) Ottawa Detachment <i>Contact: Lisa Nicholas</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	Automatic out of office reply.
8.2	November 4, 2022	OPP Russell County Detachment <i>Contact: Jocelyn Sauvé</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
8.3	December 5, 2022	OPP Provincial Liaison Team <i>Contact: Jason Findlay</i>	OPP representative called the Dillon representative and left a voicemail. OPP representative inquired if there were any identified opposition groups to the Project and requested a call back.	December 6, 2022	Dillon representative called the OPP representative and let them know that no formal opposition groups were interested in the Project and no demonstrations or protests were expected since no in-person events were scheduled for the Project.
9.1	November 4, 2022	Ministry of Natural Resources and Forestry (MNRF) Kemptville District <i>Contact: Karen Handford</i>	Dillon representative sent the Notice of Project Recommendation via email.	November 4, 2022	Automatic out of office reply.
9.2	November 4, 2022	MNRF <i>Contact: Dan Thompson</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
10.1	November 4, 2022	Ministry Agriculture Food and Rural Affairs (OMAFRA) <i>Contact: Jocelyn Beatty</i>	Dillon representative sent the Notice of Project Recommendation via email.	November 4, 2022	Automatic out of office reply.
10.2	November 4, 2022	OMAFRA <i>Contact: EA Notices</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
11.1	November 4, 2022	Ministry of Energy (MOE) <i>Contact: Andrea Pastori</i>	Dillon representative sent the Notice of Project Recommendation via email.	November 4, 2022	MOE representative emailed Dillon representative to state that they no longer work for the MOE and to contact the Ministry of the Environment, Conservation and Parks for an alternative representative.
11.2	November 7, 2022	MOE <i>Contact: Joerg Wittenbrinck</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
12.1	November 4, 2022	Hydro One Networks Inc. (Hydro One) <i>Contact: Secondary Land Use Department</i>	Dillon representative sent the Notice of Project Recommendation via email.	November 24, 2022	Hydro One representative provided a response to the Notice of Project Recommendation and requested formal acknowledgement that Hydro One's infrastructure and rights-of-way will be avoided.
12.2	November 25, 2022	Hydro One <i>Contact: Secondary Land Use Department</i>	Dillon representative thanked Hydro One representative for their response and advised that the information has been provided to Enbridge Gas for review.	N/A	N/A



Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
13.1	November 4, 2022	South Nation Conservation <i>Contact: Alison McDonald</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
13.2	November 18, 2022	South Nation Conservation <i>Contact: James Holland</i>	South Nation Conservation representative thanked Dillon representative for the Notice of Project Recommendation. They requested to be contacted prior to construction to determine permitting requirements.	November 21, 2022	Dillon representative thanked South Nation Conservation representative for their email and advised that they will confirm potential permitting requirements prior to construction once detailed design is completed.
14.1	November 4, 2022	Ministry of the Environment Conservation and Parks (MECP) <i>Contact: Tracy Hart</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
14.2	November 4, 2022	MECP <i>Contact: EA Notification</i>	Dillon representative sent the Notice of Project Recommendation via email.	November 4, 2022	Automatic reply acknowledging receipt of email.
14.3	November 18, 2022	MECP <i>Contact: Jon Orpana</i>	MECP representative phoned Dillon representative to inquire about previous correspondence between GHD and MECP from 2019/2020.	November 21, 2022	Dillon representative emailed MECP representative to request the previous correspondence between the MECP and GHD from 2019/2020.
14.4	November 21, 2022	MECP <i>Contact: Jon Orpana</i>	MECP representative emailed Dillon representative to provide the record of MECP's response to the original Notice of Commencement from 2019/2020.	November 21, 2022	Dillon representative thanked MECP representative for providing the requested information.
14.5	November 21, 2022	MECP <i>Contact: Jon Orpana</i>	MECP representative emailed Dillon representative to provide email correspondence from the MECP Management Biologist in 2020.	November 21, 2022	Dillon representative thanked MECP representative for providing the information.
15.1	November 4, 2022	Ministry of Transportation (MTO) <i>Contact: Dawn Irish</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
15.2	November 4, 2022	MTO <i>Contact: Peter Makula</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
15.3	November 4, 2022	MTO <i>Contact: Jeff Hudebine</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
16.1	November 4, 2022	Ministry of Citizenship and Multiculturalism (MCM) <i>Contact: Jack Mallon</i>	Dillon representative sent the Notice of Project Recommendation via email.	November 4, 2022	Automatic email reply stating that the email address is not active.
16.2	November 4, 2022	MCM <i>Contact: Carmen Goold</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
16.3	November 4, 2022	MCM <i>Contact: Valerie Andrews</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
17.1	November 4, 2022	Ministry of the Solicitor General <i>Contact: Robert Greene</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A

### Ontario Pipeline Coordinating Committee (OPCC)

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
18.1	November 4, 2022	OPCC – Ontario Energy Board (OEB) Representative <i>Contact: Zora Crnojacki</i>	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
19.1	November 4, 2022	OPCC – OMAFRA Representative <i>Contact: Helma Geerts</i>	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
20.1	November 4, 2022	OPCC – MCM Representative <i>Contact: Karla Barboza</i>	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
20.2	November 28, 2022	OPCC – MCM Representative <i>Contact: Joseph Harvey</i>	MCM representative emailed Dillon representative to advise that the responsibilities of the Ministry of Tourism, Culture and Sport have been transferred to MCM. MCM requested all project correspondence moving forward be sent to MCM, care of Joseph Harvey and Karla Barboza.	November 30, 2022	Dillon representative thanked MCM representative for their response and stated that they will reach out if they have any questions or concerns.
21.1	November 4, 2022	OPCC – MTO Representative <i>Contact: Tony Difabio</i>	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
21.2	December 13, 2022	OPCC – MTO Representative <i>Contact: Amanda Rodek</i>	MTO representative emailed the Dillon representative in response to the Notice of Project Recommencement and noted that MTO does not have any comments regarding the Project.	December 14, 2022	Dillon representative thanked MTO representative for their response.
22.1	November 4, 2022	OPCC - Technical Standards and Safety Authority (TSSA) Representative <i>Contact: Kourosh Manouchehri</i>	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
23.1	November 4, 2022	OPCC – MNRF Representative <i>Contact: Keith Johnson</i>	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
24.1	November 4, 2022	OPCC – Ministry of Municipal Affairs and Housing (MMAH) Representative Central Municipal Services Office <i>Contact: Maya Harris</i>	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
25.1	November 4, 2022	OPCC – MMAH Representative Western Municipal Services Office <i>Contact: Michelle Knieriem</i>	Dillon representative sent the Notice of Project Recommencement via email.	November 4, 2022	Automatic email reply stating that the email address is not active.

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
25.2	November 4, 2022	OPCC – MMAH Representative Eastern Municipal Services Office <i>Contact: Michael Elms</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
25.3	November 4, 2022	OPCC – MMAH Representative Municipal Services Office North (Sudbury) <i>Contact: Bridget Schulte-Hostedde</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
26.1	November 4, 2022	OPCC – MECP Representative <i>Contact: Katy Potter</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
26.2	November 4, 2022	OPCC – MECP Representative Source Protection Program Branch <i>Contact: Jennifer Moulton</i>	Dillon representative sent the Notice of Project Recommendation via email.	November 4, 2022	Automatic reply indicating that the representative will be out of office for an extended period of time and provided an alternative contact.
26.3	November 8, 2022	OPCC – MECP Representative Conservation and Source Protection Branch <i>Contact: Conor Gamelin</i>	MECP representative emailed Dillon representative to provide comments on the Project related to the <i>Clean Water Act, 2006</i> , including resources for determining if the Project is in a drinking water source protection area and whether it intersects with a vulnerable area, and outlining information that should be included in the Environmental Report.	November 8, 2022	Dillon representative emailed MECP representative to thank them for their comments.
27.1	November 4, 2022	OPCC – MOE Representative <i>Contact: Amy Gibson</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
28.1	November 4, 2022	OPCC – Infrastructure Ontario Representative <i>Contact: Cory Ostrowka</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A

### Municipal Agencies and Elected Officials

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
29.1	November 2, 2022	City of Ottawa Councillor – Ward 20 (Osgoode) and Deputy Mayor <i>Contact: George Darouze</i>	Enbridge Gas representative sent the Notice of Project Recommendation and additional project details via email.	N/A	N/A

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
30.1	November 3, 2022	City of Ottawa Planning and Infrastructure Department <i>Contact: Charmaine Forgie</i>	Enbridge Gas representative sent the Notice of Project Recommendation and additional project details via email.	November 3, 2022	City of Ottawa representative emailed Enbridge Gas representative to thank them for the Notice of Project Recommendation and stated that they will forward the information to the appropriate contacts.
31.1	November 4, 2022	Township of Russell Mayor <i>Contact: Pierre Leroux</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
32.1	November 4, 2022	Township of Russell Councillor <i>Contact: Andre Brisson</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
33.1	November 4, 2022	Township of Russell Councillor <i>Contact: Jamie Laurin</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
34.1	November 4, 2022	Township of Russell Councillor <i>Contact: Cindy Saucier</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
35.1	November 4, 2022	Township of Russell Councillor <i>Contact: Mike Tarnowski</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
36.1	November 4, 2022	Township of Russell Infrastructure Services <i>Contact: Jonathan Bourgon</i>	Dillon representative sent the Notice of Project Recommendation via email.	November 21, 2022	Township of Russell representative emailed Dillon representative to state that they do not have comments on the Project but would like to remain on the contact list. Representative noted that they are the primary contact for the Township of Russell.
36.2	November 22, 2022	Township of Russell Infrastructure Services <i>Contact: Jonathan Bourgon</i>	Dillon representative emailed contact to thank them for their email and stated that they will be kept updated on Project progress.	N/A	N/A
37.1	November 4, 2022	Township of Russell Planning, Building and Economic Development <i>Contacts: Dominique Tremblay</i>	Dillon representative sent the Notice of Project Recommendation via email.	November 4, 2022	Automatic reply stating that contact is out of office until November 7, 2022.
38.1	November 4, 2022	Township of Russell Municipal Clerk <i>Contact: Joanne Camiré Laflamme</i>	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
39.1	November 7, 2022	Russell Fire Department Chief <i>Contact: Bruce Armstrong</i>	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
40.1	November 4, 2022	Ottawa Fire Station Captain (Acting) <i>Contact: Nicolina Kingston</i>	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
41.1	November 4, 2022	Prescott and Russell Emergency Services Paramedic Services <i>Contact: Christian Boudreau</i>	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A

## Interest Group Correspondence

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
42.1	November 4, 2022	Carlsbad Springs Community Association <i>Contact: Denis Labreche</i>	Enbridge Gas representative provided the Notice of Project Recommencement via email.	N/A	N/A
42.2	November 4, 2022	Rogers <i>Contact: Janice Webster</i>	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
43.1	November 4, 2022	CJRO News Reporter <i>Contact: Candice Vetter</i>	CJRO News representative emailed Enbridge Gas representative in response to the Notice of Project Recommencement. CJRO News representative requested additional information regarding Project customers, why the request was withdrawn in October 2020, if Enbridge Gas is responsible for the tree cutting along Boundary Road, and if Enbridge Gas would be available for a phone interview.	November 4, 2022	Enbridge Gas representative emailed CJRO News representative to provide responses to their questions. Enbridge Gas representative stated that previous customer information is confidential, as are the reasons for the withdrawal of the service request in 2020. They stated that Enbridge Gas has not cut trees along Boundary Road. Enbridge Gas provided additional details regarding the Project and stated that a representative may be available for an interview.
44.1	November 4, 2022	Ottawa Student Transportation Authority	Dillon representative sent the Notice of Project Recommencement via email.	November 4, 2022	Automatic reply confirming receipt of email.
45.1	November 4, 2022	Bell Canada <i>Contact: Greg Parsons</i>	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
46.1	November 4, 2022	Student Transportation of Eastern Ontario	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
47.1	November 7, 2022	Citizens Environmental Stewardship Association <i>Contact: Owen Clarkin</i>	Dillon representative sent the Notice of Project Recommencement via Canada Post letter mail.	N/A	N/A
48.1	November 21, 2022	Tamarack Homes and Tartan Homes VP of Planning and Development <i>Contact: Michelle Taggart</i>	Tamarack Homes and Tartan Homes representative emailed Dillon representative to request a meeting to discuss the Project.	November 21, 2022	Dillon representative responded that they can meet and asked what date and time works best.
48.2	November 23, 2022	Tamarack Homes and Tartan Homes VP of Planning and Development <i>Contact: Michelle Taggart</i>	Tamarack Homes and Tartan Homes representative emailed Dillon representative to propose a meeting date and time.	November 23, 2022	Dillon representative emailed contact to agree to the proposed meeting date and time.

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
48.3	November 30, 2022	Tamarack Homes and Tartan Homes VP of Planning and Development <i>Contact: Michelle Taggart</i>	Dillon representative attended a Microsoft Teams meeting with the Tamarack Homes and Tartan Homes representative and their colleagues to discuss the Project. Tamarack Homes and Tartan Homes representative inquired about natural gas connections and if the current Project would allow additional connections in the future. Dillon representative advised that currently no additional connections are planned for the Project and that they could not speak to the technical or engineering components of the Project in terms of future connection potential.  Tamarack Homes and Tartan Homes representative mentioned they have an Enbridge Gas contact that they have worked with previously and Dillon representative suggested any further information for their needs would be best sought from their existing Enbridge Gas contact, as their current questions and concerns are outside the scope of the current Project.	N/A	N/A
49.1	November 23, 2022	Broadband Maintenance <i>Contact: Michelle Laroche</i>	Broadband Maintenance representative called and left a voicemail for Enbridge Gas to discuss the Project.	November 23, 2022	Enbridge Gas representative called the Broadband Maintenance representative to discuss the Project. The Broadband Maintenance representative noted that they are installing a telecommuter conduit on the east side of Boundary Road with construction starting December 5, 2022. The Broadband Maintenance representative requested additional information on Project construction and timelines. The Enbridge Gas representative committed to providing available information.
49.2	December 1, 2022	Broadband Maintenance <i>Contact: Michelle Laroche</i>	Enbridge Gas representative emailed Broadband Maintenance representative to provide the Project website and to state that Enbridge Gas is in the early stages of the Project so they have not determined which side of the road the pipeline will be installed on. Enbridge Gas representative noted that they will advise Broadband Maintenance representative if they have any follow up questions.	N/A	N/A

## Public Correspondence

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
50.1	November 2, 2022	[Name Redacted] Local Resident	Individual called Dillon representative in response to the Notice of Project Recommencement and asked if Enbridge Gas would be bringing the pipeline to Mitch Owens Road. Dillon representative advised that no additional connections are planned as this Project is customer driven and is not a community expansion project. The individual inquired about employment opportunities for Project construction and Dillon representative stated that Enbridge Gas hires local contractors, where possible.	N/A	N/A
51.1	November 3, 2022	[Name Redacted] Local Resident	Individual left a voicemail for Dillon representative. Individual requested additional information on the pipeline location and wanted to know if their street was included in the Project. They stated that they would follow-up with an email.	N/A	N/A
51.2	November 3, 2022	[Name Redacted] Local Resident	Contact emailed Dillon representative in response to the Notice of Project Recommencement. Contact requested additional information on the pipeline location and wanted to know if their street was included in the Project.	November 7, 2022	Dillon representative emailed the individual to thank them for their voicemail and email. Dillon representative explained that this Project is customer driven and is not a community expansion project. Dillon representative provided the Enbridge Gas link to submit inquiries about natural gas connections.
52.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
52.2	November 3, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Individual called Dillon representative and left a voicemail in response to the Notice of Project Recommencement. Contact stated that they had a question regarding the Project and requested a return call.	November 7, 2022	Dillon representative called individual in follow-up to their voicemail. Individual wanted to know if the community would be getting natural gas in the near future. Dillon stated that there are no planned community expansion projects in the area and directed contact to submit an inquiry with Enbridge Gas. Individual stated that they submitted an inquiry in 2019. They provided their email address to be added to the stakeholder contact list for future Project updates.



Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
53.1	November 4, 2022	[Name Redacted] Local Resident	Individual called Dillon representative and left a voicemail in response to the Notice of Project Recommendation. They requested additional information on the pipeline location and inquired if rural road servicing would be added to help neighboring houses. They requested a return call.	November 7, 2022	Dillon representative called the individual and left a voicemail. Dillon advised that the phone call was in response to their voicemail and provided contact information if they would like to follow-up.
54.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
55.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
56.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
57.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
58.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
59.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
60.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
61.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	November 4, 2022	Dillon representative received an automatic replying stating the notice was undeliverable due to invalid email address.
61.2	November 7, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via Canada Post letter mail.	N/A	N/A
62.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	November 4, 2022	Dillon representative received an automatic replying stating the notice was undeliverable due to invalid email address.

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
62.2	November 7, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via Canada Post letter mail.	N/A	N/A
63.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
64.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via email.	N/A	Dillon representative received an automatic replying stating the notice was undeliverable due to invalid email address.
65.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
66.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
67.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
68.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via email.	November 4, 2022	Dillon representative received an automatic replying stating the notice was undeliverable due to invalid email address.
68.2	November 7, 2022	[Name Redacted] Local Residents (stakeholders identified in 2019)	Dillon representative sent the Notice of Project Recommencement via Canada Post letter mail.	N/A	N/A
69.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via email.	November 4, 2022	Dillon representative received an automatic replying stating the notice was undeliverable due to invalid email address.
70.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via email.	November 4, 2022	Dillon representative received an automatic reply redirecting to use a different email address.
71.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via email.	November 4, 2022	Dillon representative received an automatic replying stating the notice was undeliverable due to invalid email address.

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
71.2	November 7, 2022	<b>[Name Redacted]</b> Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via Canada Post letter mail.	N/A	N/A
72.1	November 4, 2022	<b>[Name Redacted]</b> Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
73.1	November 4, 2022	<b>[Name Redacted]</b> Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
74.1	November 4, 2022	Unknown Name Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
75.1	November 4, 2022	<b>[Name Redacted]</b> Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	November 4, 2022	Dillon representative received an automatic replying stating the notice was undeliverable due to invalid email address.
76.1	November 4, 2022	<b>[Name Redacted]</b> Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
77.1	November 4, 2022	<b>[Name Redacted]</b> Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
78.1	November 4, 2022	<b>[Name Redacted]</b> Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
79.1	November 4, 2022	<b>[Name Redacted]</b> Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A
80.1	November 4, 2022	<b>[Name Redacted]</b> Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommendation via email.	N/A	N/A

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
81.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via email.	November 5, 2022	Individual emailed Dillon representative, Members of Provincial Parliament and City of Ottawa Councillors in response to the Notice of Project Recommencement. They noted their concerns regarding the community's previous requests for natural gas being unsuccessful. They stated that the Project proposal remains incomplete without a plan for community connections to natural gas. They noted that MPPs and Councillors need to provide funding and develop a plan with Enbridge Gas.
81.2	November 16, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Individual emailed Dillon representative to follow up to their previous email to ensure their comments are incorporated and considered during the feedback period.	November 17, 2022	Dillon representative emailed individual to apologize for the delayed response. Dillon representative noted that their feedback was received and will be incorporated into the Environmental Report update and will be included in the Leave-to-Construct application to the Ontario Energy Board.
82.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
83.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
84.1	November 4, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via email.	N/A	N/A
85.1	November 5, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Individual called Dillon representative and left a voicemail to request more information about the Project.	November 7, 2022	Dillon representative called the individual and left a voicemail. Dillon provided contact information if the individual wanted to follow-up.
85.2	November 7, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Individual called Dillon representative to ask if their residence would benefit from the Project. Dillon representative advised that no additional connections are planned as this Project is customer driven and is not a community expansion project. Dillon provided more information on the virtual public information session. The individual provided their email address so that they can be added to the stakeholder list.	November 7, 2022	Dillon representative emailed the individual to provide the Enbridge Gas link to submit inquiries about natural gas connections.
86.1	November 7, 2022	[Name Redacted] Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via Canada Post letter mail.	N/A	N/A

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
87.1	November 7, 2022	<b>[Name Redacted]</b> Local Resident (stakeholder identified in 2019)	Dillon representative sent the Notice of Project Recommencement via Canada Post letter mail.	N/A	N/A
88.1	November 7, 2022	<b>[Name Redacted]</b> Local Residents (stakeholders identified in 2019)	Dillon representative sent the Notice of Project Recommencement via Canada Post letter mail.	N/A	N/A
89.1	November 28, 2022	<b>[Name Redacted]</b> Comment Form Submission	Dillon representative emailed the individual in response to the Virtual Information Session comment form submission on November 20, 2022. Dillon provided the link to submit inquiries about natural gas connections. Dillon noted that the individual stated they felt the information provided was insufficient and extended the offer to provide further Project details. Dillon noted that the individual will have an opportunity to review the Environmental Report during the public comment period on the Ontario Energy Board website.	N/A	N/A
90.1	November 28, 2022	Unknown Name Comment Form Submission	Dillon representative emailed the individual in response to their Virtual Information Session comment form submission on November 22, 2022. Dillon representative thanked them for noticing a minor mapping discrepancy between the figure and video. Dillon provided the link to submit inquiries about natural gas connections and noted that the individual will have an opportunity to review the Environmental Report during the public comment period on the Ontario Energy Board website.	N/A	N/A
91.1	November 29, 2022	<b>[Name Redacted]</b> Local Resident	Individual emailed Dillon representative to request natural gas services be extended into their neighborhood.	November 30, 2022	Dillon representative emailed the individual to state that no additional connections are planned as this Project is customer driven and is not a community expansion project. Dillon stated that there has been a high level of interest in obtaining natural gas distribution in the area but at this time there is no information on potential future community expansion plans. Dillon provided the link to submit inquiries about natural gas connections.

Line Item	Date of Consultation	Name of Agency and/or Contact	Description of Consultation Activity	Date of Response	Response and Issue Resolution (if applicable)
92.1	December 2, 2022	[Name Redacted] Comment Form Submission	Dillon representative emailed the individual in response to their comment form from the Virtual Information Session submitted on November 23, 2022. Dillon provided additional Project details and stated that Enbridge Gas does not anticipate a material impact on natural gas rates. Dillon representative noted that the Project is limited to one location and any additional proposals for expansion would require a full assessment.	December 2, 2022	The individual thanked Dillon representative for answering their questions.
93.1	December 2, 2022	[Name Redacted] Local Resident	Individual emailed Dillon representative to ask if there was a plan to extend natural gas to Thunder Road.	December 5, 2022	Dillon representative emailed the individual to thank them for their email. Dillon stated that the Project team is unaware of future community expansions in the area and provided additional information on the Ontario government's Natural Gas Expansion Program. Dillon representative provided the link to Enbridge Gas' natural gas inquiry form.

## Appendix D

### Virtual Public Information Session Presentation and Video Transcript (English and French)

# Proposed 5371 Boundary Road Pipeline Project

Virtual Public Information Session

November 14, 2022 – November 27, 2022



**DILLON**  
CONSULTING

The logo for Dillon Consulting, consisting of a stylized white graphic of two parallel lines curving upwards, followed by the text 'DILLON CONSULTING' in a white, sans-serif font.



# Welcome

This Virtual Information Session will be live for two weeks from Monday, November 14, 2022 – Sunday, November 27, 2022

- You can provide your input on the 5371 Boundary Road Pipeline Project by completing the questionnaire available on the Virtual Public Information Session website at [www.BoundaryRoadEA.ca](http://www.BoundaryRoadEA.ca). Please submit your comments by December 14, 2022.
- After Sunday, November 27, 2022, this presentation, accompanying video transcript, and the questionnaire will be available for download on the Enbridge Gas website at [www.enbridgegas.com/boundaryroad](http://www.enbridgegas.com/boundaryroad).

# Enbridge Gas Commitment

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 will carefully consider all input.

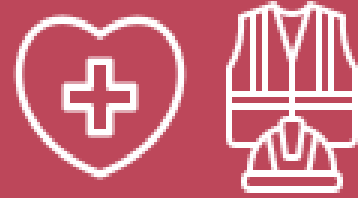
It is committed to involving community members and will provide up-to-date information in an open, honest, and respectful manner.



Enbridge Gas is committed to environmental stewardship and conducts all of its operations in an environmentally responsible manner.



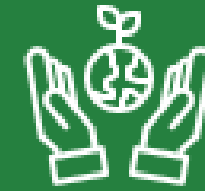
# Enbridge Gas Environment, Health, and Safety Policies



Enbridge Gas is committed to protecting the health and safety of all individuals affected by its activities.

Enbridge Gas will provide a safe and healthy working environment and will not compromise the health and safety of any individual.

Its goal is to have no workplace incidents and to mitigate, to the extent feasible, its 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.

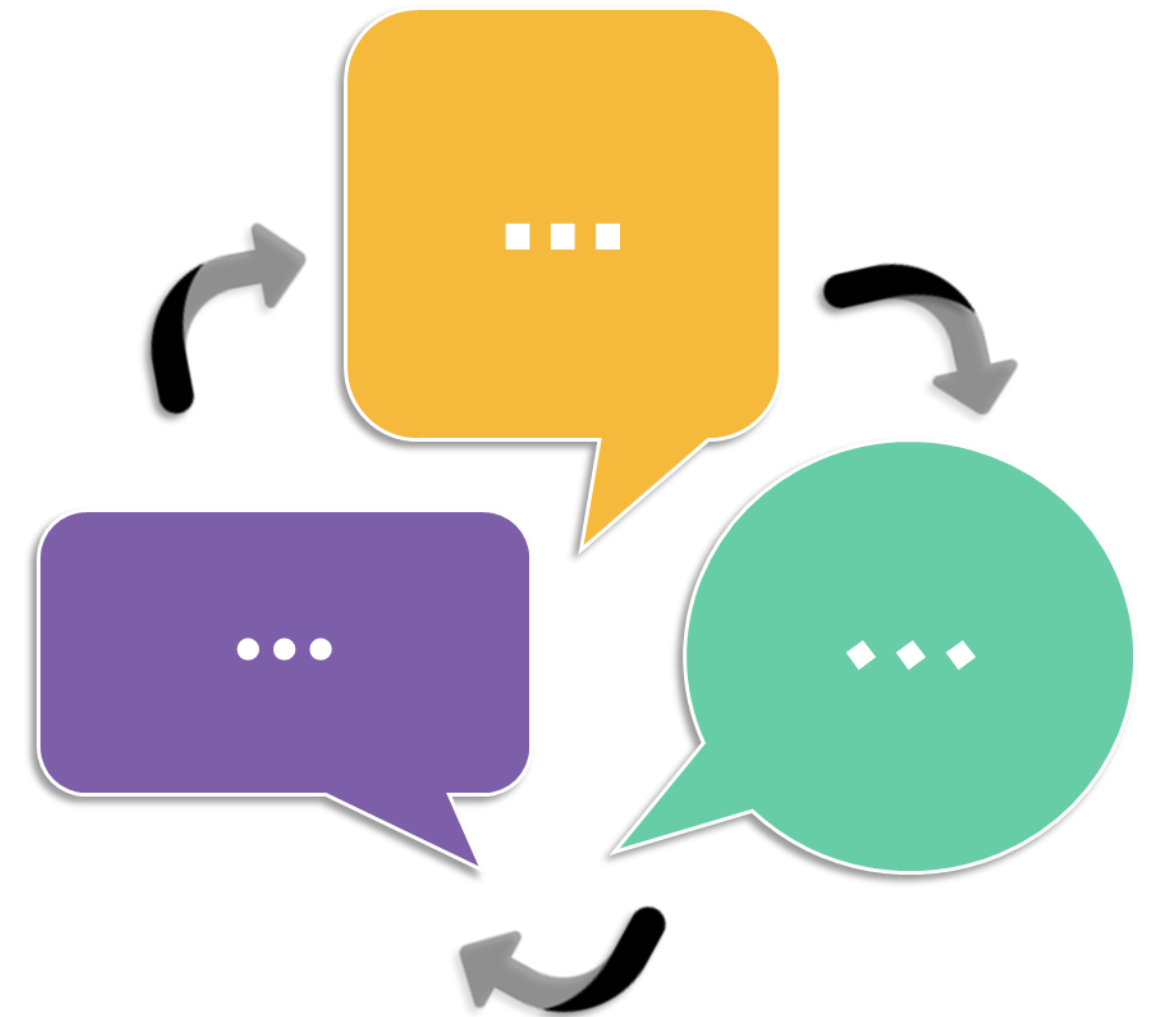


Enbridge Gas is committed to environmental protection and stewardship, and recognizes that pollution prevention, biodiversity, and resource conservation are key to a sustainable environment.

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.

# Purpose of the Virtual Public Information Session

- Provide background information on the Project and illustrate the preferred route for the pipeline
- Inform landowners, Indigenous communities, municipalities, stakeholders, and regulatory authorities about the Project and gather feedback about the proposed pipeline route
- Give everyone the chance to participate during the process of completing the Environmental Report Update, which will be included in the application to the Ontario Energy Board
- Provide an opportunity to identify any unknown constraints and review draft plans to mitigate impacts to the local community and the environment
- Create a space for you to ask questions and/or provide comments to Enbridge Gas or Dillon



# Consultation Approach



We are committed to a comprehensive consultation process and want to hear from you about this Project.

Our consultation approach is:

- **Inclusive** – reaching out to all who may be interested or affected and providing opportunities to become informed and get involved.
- **Transparent** – providing access to information and clear explanations for decisions.
- **Accountable** – explaining how your input will be used in the decision-making process.

An important part of the consultation process is working with stakeholders to identify and resolve potential Project-related issues and concerns.

# Enbridge Indigenous Peoples Policy – Introduction

- Enbridge Gas follows the Enbridge Inc. (Enbridge) Indigenous Peoples Policy.
- Enbridge recognizes the diversity of Indigenous Peoples who live where the company works and operates. They understand from history the destructive impacts on the social and economic wellbeing of Indigenous Peoples. Enbridge recognizes and realizes 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 from Indigenous communities.
- Enbridge commits to pursue sustainable relationships with Indigenous Nations and groups in proximity to where Enbridge conducts business. To achieve this, Enbridge will govern itself by the principles on the next slide.

# Enbridge Indigenous Peoples Policy – Principles

## Recognize

Enbridge **recognizes** the legal and constitutional rights of Indigenous Peoples, and the importance of the relationships between Indigenous Peoples and their traditional lands and resources. They 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. Enbridge commits to ensuring that Enbridge projects and operations are carried out in an environmentally responsible manner.

## Understand

Enbridge **understands** the importance of the United Nations Declaration of 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.

## Engage

Enbridge **engages** in forthright and sincere consultation with Indigenous Peoples about their projects and operations through processes that seek to achieve early and meaningful engagement. Indigenous engagement helps define projects that may occur on lands traditionally occupied by Indigenous Peoples.

## Commit

Enbridge **commits** to working with Indigenous Peoples to achieve benefits for them resulting from Enbridge's projects and operations, including opportunities in training and education, employment, procurement, business development, and community development.

## Foster

Enbridge **fosters** an understanding of the history and culture of Indigenous Peoples among their employees and contractors, in order to create better relationships between Enbridge and Indigenous communities.

# Enbridge Indigenous Peoples Policy – Commitment

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



# Project Background



- Enbridge Gas first initiated the Project in 2019 at the request of two customers.
- A public information session took place on November 27, 2019, and an environmental assessment and design were completed in early 2020.
- The Project was put on-hold in October 2020 after the potential customers withdrew their request.
- The Project recommenced in May 2022 at the request of one customer.
- While the Project study area remains consistent, Enbridge Gas has retained Dillon Consulting Limited to oversee the environment-related components required for a new application to the Ontario Energy Board.

# Project Description

**The Project is customer-driven and intended to only serve the warehouse located at 5371 Boundary Road.**



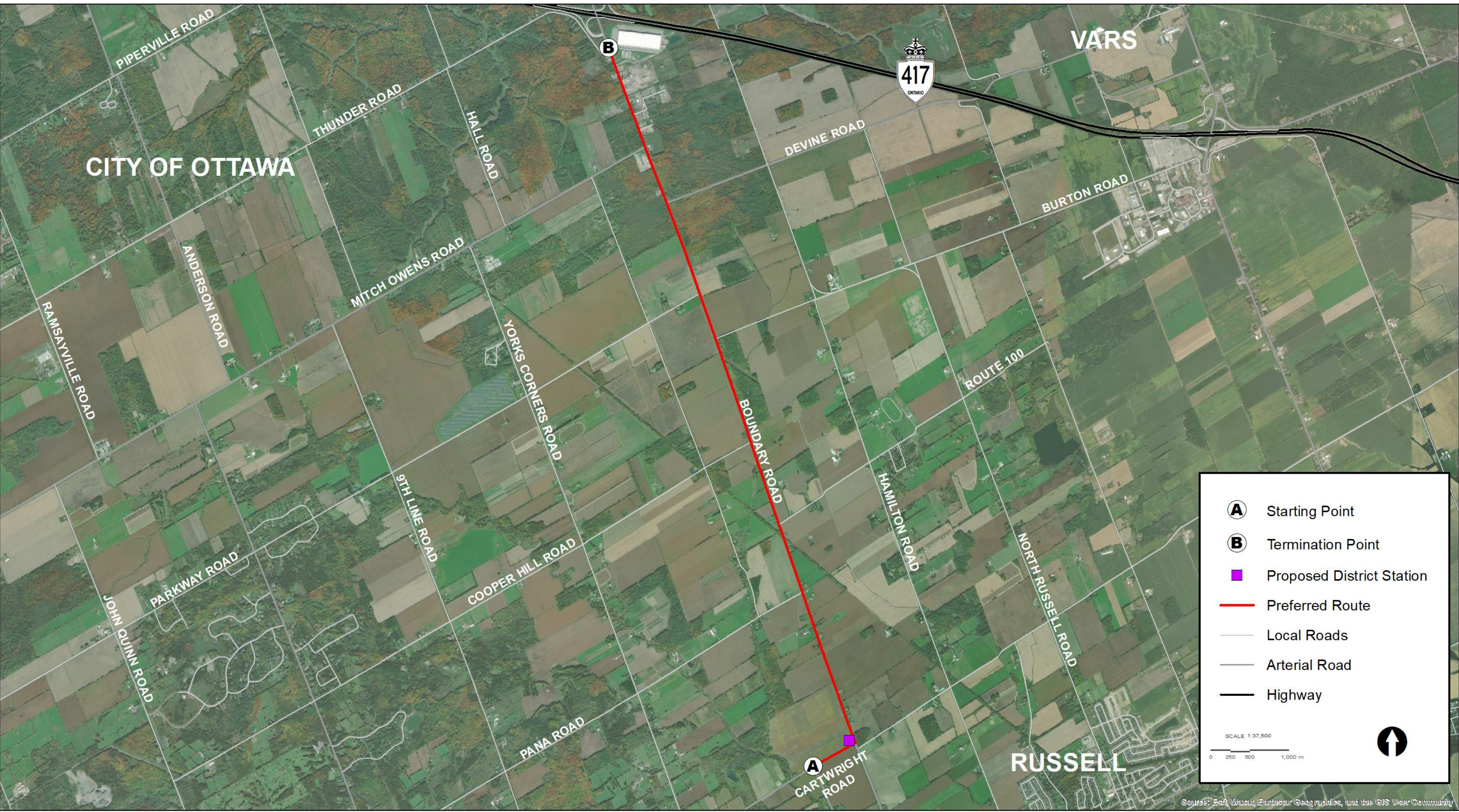
The Project involves the installation of approximately 700 m of 4-inch steel pipeline along Cartwright Street, 9.4 km of 4-inch polyethylene pipeline along Boundary Road, and a new District Station on the north side of Cartwright Street, approximately 60 m west of Boundary Road.

The pipeline will be installed mainly within the existing road allowance with additional temporary working space potentially required for lay-down, storage and excess soils management.



## Did you know?

District stations are pressure regulating stations that reduce natural gas pressure and feed lower pressure networks safely.



CITY OF OTTAWA

VARS


RUSSELL



- A** Starting Point
- B** Termination Point
- Proposed District Station
- Preferred Route
- Local Roads
- Arterial Road
- Highway

SCALE 1:37,500

0 250 500 1,000 m



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

# Natural Environment Considerations

- A natural environment field survey of the Project Footprint was completed by a Dillon Biologist on September 16, 2022.
- The Project Footprint is defined as a 30 meter buffer on each side of the pipeline route.



The Project Footprint consists of the following land classifications outside of the municipal road allowance:

- Deciduous Forest
- Deciduous Thicket
- Unevaluated Wetland
- Mixed Meadow
- Agricultural
- Residential
- Industrial
- Commercial

# Natural Environment Considerations

Examples of Species at Risk (SAR) and Species of Conservation Concern (SCC) known to occur in the Project area include, but are not limited to, those shown below.

**Eastern wood-pewee  
(Contopus virens)**



**Monarch Butterfly  
(Danaus plexippus)**



**Butternut  
(Junlans cinerea)**



# Natural Environment Considerations

## Examples of Potential Effects

- Temporary loss or alteration of vegetation during construction.
- Temporary alteration of wildlife habitat and/or disruption of wildlife movement during construction.
- Temporary alteration of SAR habitat and/or disruption of SAR movement during construction.

## Examples of Mitigation Measures

- Minimize the width of the construction area to reduce the amount of vegetation affected.
- Flag or fence off environmentally sensitive areas prior to construction.
- Document wildlife and SAR encounters and notify appropriate regulatory authorities, where required.
- Provide SAR identification sheets to workers that outline habitat, identifying characteristics and mitigation measures.

# Socio-Economic Considerations

- The Project Study Area (100 m on each side of the proposed pipeline route) is situated in Ward 20 of the City of Ottawa and Russell Township.
- The Study Area is also within the current Algonquins of Ontario (AOO) land claim for their unceded traditional territory. There are two parcels of land adjacent to Boundary Road slated to be transferred to the Algonquins of Ontario, according to a non-binding Agreement-in-Principle signed by the AOO and the governments of Canada and Ontario on October 18, 2016. The AOO plan to develop a residential community on the land.

The Study Area is mainly composed of agricultural lands and woodlands, with some industrial and low-density residential areas.



# Socio-Economic Considerations

## Examples of Potential Effects

- Temporary increase in nuisance noise during construction.
- Temporary traffic disruptions during construction.
- Temporary increase in wastes during construction.

## Examples of Mitigation Measures

- Construction activities will be carried out in compliance with municipal noise by-laws with respect to noise and construction equipment usage. Applicable noise by-law exemptions will be sought if construction activities cannot be avoided on Statutory Holidays, Sundays or at night.
- Traffic access will be maintained, where possible, during construction. Good management and best practices will be implemented during construction to minimize traffic disruption. If required, temporary detour routes will be provided to reduce potential impacts to commuters.
- Solid waste will be collected and disposed of appropriately in accordance with applicable regulations at a licensed waste facility.



# Cultural Heritage Resources

## Archaeology

- A Stage 1 Archaeological Assessment for the Project was completed and submitted to the Ministry of Tourism, Culture and Sport (MTCS) in February 2020.
- The Stage 1 study determined that no previously registered archaeological sites are located within 1 km of the Study Area. The property inspection determined that parts of the Preferred Route exhibited archaeological potential.
- The Stage 1 recommended that the parts of the Study Area exhibiting archaeological potential, notably the District Station location, be subject to a Stage 2 Archaeological Assessment prior to construction.
- A Stage 2 assessment is planned for Spring 2023.

## Built Heritage and Cultural Heritage Landscapes

- There are no properties within the Study Area that are Listed or Designated under the Ontario Heritage Act based on a review of the City of Ottawa Heritage Register and the Russell Township website.
- There are no cemeteries located in the Study Area.
- The MTCS “Criteria for Evaluating Potential Built Heritage Resources and Cultural Heritage Landscapes” Checklist was completed and concluded that there is low potential for built heritage or cultural heritage landscapes in the Study Area.

# Pipeline Design, Construction and Safety

## Pipeline Design



- The proposed 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 Authority (TSSA).

## Pipeline Construction



- The construction work is temporary and transitory – once the pipe is laid, the area will be restored to as close to pre-construction condition as possible.

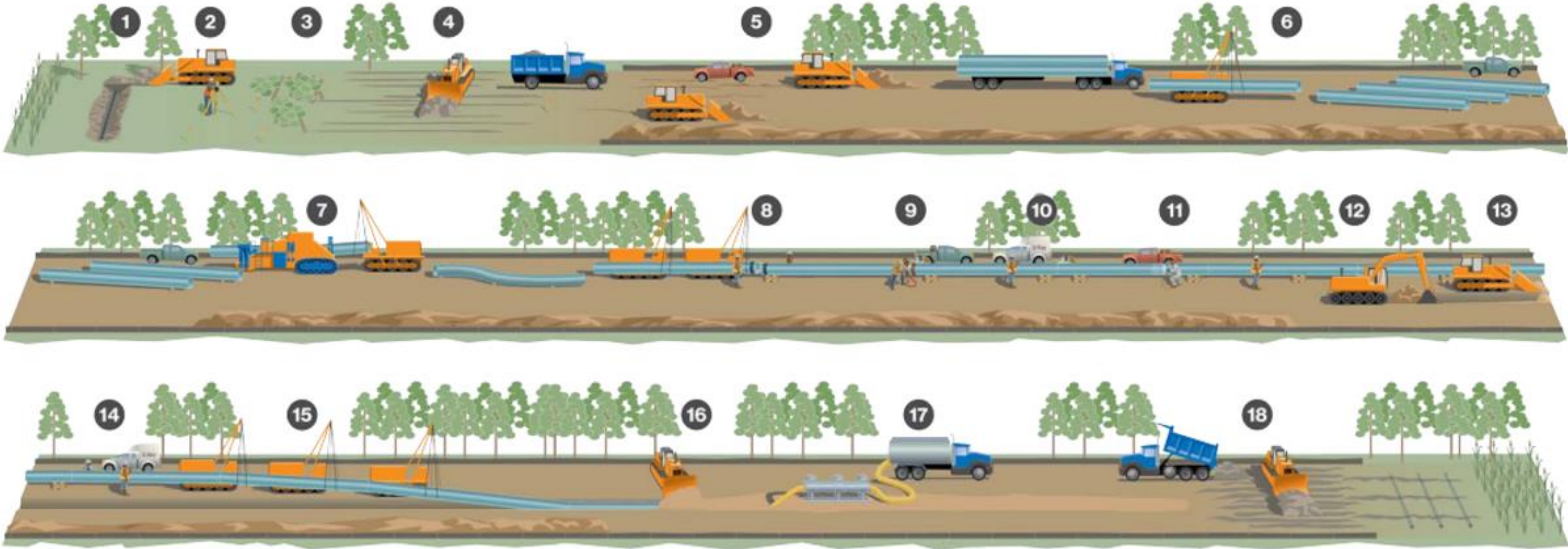
## Pipeline Safety



Enbridge Gas takes many steps to safely and reliably operate their network of natural gas pipelines, such as:

- Designing, constructing, and testing their pipelines to meet or exceed requirements set by industry standards and regulatory authorities.
- Ensuring that any work is respectful of community activities, regulations and bylaws.
- Continuously monitoring their network.
- Performing field surveys to detect leaks and confirm that corrosion prevention methods are working as intended.

# General Construction Overview



- |                            |                                   |                       |   |   |   |
|----------------------------|-----------------------------------|-----------------------|---|---|---|
| 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 |

# Mitigation and Monitoring



Enbridge Gas is committed to working with the community on construction planning, mitigation, and post-construction monitoring. Post-construction monitoring will be conducted so that impacted areas are restored to as close to pre-construction conditions as possible.

Enbridge Gas recognizes that the construction of the pipeline may result in short-term adverse impacts and they commit to applying mitigation measures to reduce these impacts and work with the municipality and landowners so that issues are resolved in a timely manner.

# Regulatory Framework

For the Project to proceed, approval from the Ontario Energy Board (OEB) is required. The OEB requires that Enbridge Gas complete an environmental assessment and route selection study.



## Role of the Ontario Energy Board

- Reviews the Environmental Report (including details of consultation) as part of the application, known as the “Leave-to-Construct” Application.
- Once the Leave-to-Construct (LTC) Application is submitted to the OEB, any party with an interest in the Project may apply to the OEB to become intervenors or interested parties.
- Provides a public forum during the review of the LTC Application for people to participate in the decision-making process.
- Determines whether a proposed pipeline is in the public interest.

# Project Timeline

Date	Activity
Early 2019	Project initiated at request of two customers
November 27, 2019	Public information session
Early 2020	Environmental Report and design completed
October 2020	Project put on hold (customers withdrew request)
May 2022	Project recommenced at request of one customer
September 2022	Dillon retained to conduct a review and update of the 2020 Environmental Report
September 2022	Field studies conducted to document changes in baseline conditions since 2019
October 31, 2022	Notice of Study Recommencement
<b>November 14-27, 2022</b>	<b>Virtual Public Information Session (We are here)</b>
December 2022	Environmental Report (2020) and Environmental Report Update submitted to Ontario Pipeline Coordinating Committee for 42-day review period
February 2023	Submission of updated LTC Application to OEB
January 2024	Construction start date (pending OEB approval)
August 2024	Anticipated in-service date

# Continuous Stakeholder Engagement

Enbridge Gas is committed to open dialogue throughout the environmental assessment and the OEB Leave-to-Construct Application process. Stakeholders will have the opportunity to remain engaged in the process after the environmental assessment is completed, through:

- Participation in the Ontario Energy Board hearing as an intervenor or interested party (details can be found at [www.oeb.ca](http://www.oeb.ca))
- Contacting Project team members (Project contact information provided on next slide)
- Visiting the Enbridge Gas project website at [www.enbridgegas.com/boundaryroad](http://www.enbridgegas.com/boundaryroad)



Thank you for participating in our  
Virtual Public Information Session!

- We want to hear from you! Please complete the Project questionnaire on the Virtual Public Information Session website at [www.BoundaryRoadEA.ca](http://www.BoundaryRoadEA.ca).
- After Sunday, November 27, 2022, this presentation, accompanying video transcript, and the questionnaire will be available for download on the Enbridge Gas website at [www.enbridgegas.com/boundaryroad](http://www.enbridgegas.com/boundaryroad).
- Please submit your feedback by **Wednesday, December 14, 2022** so it can be considered in the Environmental Report Update that will be submitted to the Ontario Energy Board.

### **Project Contact Information:**

**Email:** [BoundaryRoadEA@dillon.ca](mailto:BoundaryRoadEA@dillon.ca)

**Phone:** 613-745-2213, ext. 3024

**Stay Informed**



## 5371 Boundary Road Pipeline Project – Virtual Public Information Session Presentation Transcript

Slide No.	Slide Title	Transcript
1	N/A –Title Slide	<p>Hello and welcome to the Virtual Public Information Session for the Enbridge Gas 5371 Boundary Road Pipeline Project!</p> <p>At any time, you can press pause or stop this presentation. You will also have the opportunity to download the transcript to this video on our Virtual Public Information Session website, or on the Enbridge Gas project website. Links are provided on the next slide and at the end of the presentation.</p>
2	Welcome	<p>This Virtual Public Information Session will be live for two weeks, beginning Monday, November 14 and ending Sunday, November 27, 2022.</p> <p>Dillon Consulting has been hired to conduct an environmental study to assess the potential environmental and socio-economic effects that may result from the proposed 5371 Boundary Road Pipeline Project. This presentation will provide you with information about the proposed project, proposed pipeline route and Ontario Energy Board process, and will outline how you can stay informed and participate.</p> <p>You can provide your input on the project by completing the questionnaire available on the Virtual Public Information Session website at <a href="http://www.BoundaryRoadEA.ca">www.BoundaryRoadEA.ca</a>. Please submit your comments by Wednesday, December 14th, 2022.</p> <p>After Sunday, November 27th, 2022, this presentation, the accompanying video transcript, and the questionnaire will be available for download on the Enbridge Gas website at <a href="http://www.enbridgegas.com/boundaryroad">www.enbridgegas.com/boundaryroad</a>.</p>
3	Enbridge Gas Commitment	<p>Enbridge Gas provides safe and reliable delivery of natural gas to more than 3.8 million residential, commercial, and industrial customers across Ontario.</p> <p>Enbridge Gas will carefully consider all input on the project and is committed to involving local communities and affected stakeholders throughout the regulatory process. Enbridge Gas commits to providing up-to-date information in an open, honest, and respectful manner.</p> <p>Enbridge Gas is committed to environmental stewardship and conducts all of its operations in an environmentally responsible manner.</p>
4	Enbridge Gas Environment, Health and Safety Policies	<p>Enbridge Gas is committed to protecting the health and safety of all individuals affected by its activities.</p> <p>Enbridge Gas will provide a safe and healthy working environment and will not compromise the health and safety of any individual. Its goal is to have no workplace incidents and to mitigate, to the extent feasible, its 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 recognizes 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.</p>

Slide No.	Slide Title	Transcript
5	Purpose of the Virtual Public Information Session	<p>The purpose of this Virtual Public Information Session is to:</p> <ul style="list-style-type: none"> <li>• Provide information on the project and illustrate the preferred route for the pipeline</li> <li>• Inform landowners, Indigenous communities, municipalities, stakeholders, and regulatory authorities about the project and gather feedback about the proposed pipeline route</li> <li>• Give everyone the chance to participate during the process of completing the Environmental Report Update, which will be included in the application to the Ontario Energy Board</li> <li>• Provide an opportunity to identify any unknown constraints and review draft plans to mitigate impacts to the local community and the environment</li> <li>• Create a space for you to ask questions and/or provide comments to Enbridge Gas or Dillon Consulting</li> </ul>
6	Consultation Approach	<p>We are committed to a comprehensive consultation process and want to hear from you.</p> <p>Our consultation approach is:</p> <ul style="list-style-type: none"> <li>• Inclusive – by reaching out to all who may be interested or affected and providing opportunities to become informed and get involved.</li> <li>• Transparent – by providing access to information and clear explanations for decisions.</li> <li>• Accountable –explaining how your input will be used in the decision-making process.</li> </ul> <p>An important part of the consultation process is working with stakeholders to identify and resolve potential project-related issues and concerns.</p>
7	Enbridge Indigenous Peoples Policy – Introduction	<p>Enbridge recognizes the diversity of Indigenous Peoples who live where the company works and operates. They understand from history the destructive impacts on the social and economic wellbeing of Indigenous Peoples. Enbridge recognizes and realizes 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 from Indigenous communities.</p> <p>Enbridge commits to pursue sustainable relationships with Indigenous Nations and groups in proximity to where Enbridge conducts business. To achieve this, Enbridge will govern itself by the principles presented on the next slide.</p>
8	Enbridge Indigenous Peoples Policy – Principles	<p>Enbridge Gas will govern itself by the principles listed on this slide. You may pause this video if you wish to review this slide further.</p>
9	Enbridge Indigenous Peoples Policy – Commitment	<p>The commitment is a shared responsibility involving Enbridge and its affiliates, employees and contractors. They will conduct business in a manner that reflects the principles listed on the previous slide. Enbridge will provide ongoing leadership and resources to effectively implement the principles, including the development of implementation strategies and specific action plans. Enbridge commits to periodically review this policy so that it remains relevant and respects Indigenous culture and varied traditions.</p>

Slide No.	Slide Title	Transcript
10	Project Background	<p>This slide provides some background on the project.</p> <p>Enbridge Gas first initiated the project in 2019 at the request of two customers. A public information session took place on November 27, 2019, and an environmental assessment and design were completed in early 2020. However, before an application to the Ontario Energy Board was submitted, the project was put on-hold, as the potential customers withdrew their request in October 2020. The project then recommenced in May 2022 at the request of one customer. While the project study area remains consistent, Enbridge Gas has retained Dillon Consulting to oversee the environment-related components required for a new application to the Ontario Energy Board.</p>
11	Project Description	<p>The project is customer-driven and intended to only serve the warehouse located at 5371 Boundary Road. The project involves the installation of approximately 700 m of 4-inch steel pipeline along Cartwright Street, 9.4 km of 4-inch polyethylene pipeline along Boundary Road, and a new District Station on the north side of Cartwright Street, approximately 60 west of Boundary Road. District Stations are pressure regulating stations that reduce natural gas pressure and feed lower pressure networks safely. The pipeline will be installed mainly within existing road allowance with additional temporary work space potentially required for lay-down, storage and excess soils management.</p>
12	N/A –Map	<p>This figure provides an overview of the project components. You may pause this video if you need additional time to review the map. An interactive version of the map is also provided on the Virtual Public Information Session website (<a href="http://www.BoundaryRoadEA.ca">www.BoundaryRoadEA.ca</a>).</p>
13	Natural Environment Considerations (slide 1 of 3)	<p>A natural environment field survey of the Project Footprint was conducted by a Dillon Consulting biologist on September 16, 2022. The Project Footprint is defined as a 30 m buffer on each side of the proposed pipeline route.</p> <p>The Project Footprint consists of the following land classifications outside of the municipal road allowance:</p> <ul style="list-style-type: none"> <li>• Deciduous Forest;</li> <li>• Deciduous Thicket;</li> <li>• Unevaluated Wetland;</li> <li>• Mixed Meadow;</li> <li>• Agricultural;</li> <li>• Residential;</li> <li>• Industrial; and</li> <li>• Commercial.</li> </ul>
14	Natural Environment Considerations (slide 2 of 3)	<p>Eastern wood-pewee, Monarch Butterfly, and Butternut are examples of Species at Risk that are known to occur in the project area. Dillon Consulting did not observe any of these species during the September 16th site visit.</p>
15	Natural Environment Considerations (slide 3 of 3)	<p>This slide lists examples of potential effects on the natural environment and the types of mitigation measures that may be considered in the environmental assessment.</p> <p>The project would be constructed within the municipal road allowance, therefore limiting the potential for adverse effects on the natural environment. Temporary workspace, where required, will be sited to avoid sensitive environmental features.</p>

Slide No.	Slide Title	Transcript
16	Socio-Economic Considerations (slide 1 of 2)	<p>The project Study Area, which is defined in the 2020 Environmental Report as a 100 m buffer on each side of the proposed pipeline route, is situated in Ward 20 of the City of Ottawa and Russell Township. The Study Area is mainly composed of agricultural lands and woodlands, with some industrial and low-density residential areas.</p> <p>The Study Area is also within the current Algonquins of Ontario land claim for their unceded traditional territory. There are two parcels of land adjacent to Boundary Road slated to be transferred to the Algonquins of Ontario, according to a non-binding Agreement-in-Principle signed by the Algonquins of Ontario and the governments of Canada and Ontario on October 18, 2016.</p>
17	Socio-Economic Considerations (slide 2 of 2)	<p>This slide lists examples of potential effects on the socio-economic environment and the types of mitigation measures that may be considered in the environmental assessment.</p> <p>Measures will be implemented during construction to reduce noise, control dust, and maintain traffic flow on affected roads.</p> <p>You may pause this video if you need additional time to review this slide.</p>
18	Cultural Heritage Resources	<p>A Stage 1 Archaeological Assessment for the project was completed and submitted to the Ministry of Tourism, Culture and Sport in February 2020. The Stage 1 study determined that no previously registered archaeological sites are located within 1 km of the Study Area. The property inspection determined that parts of the proposed pipeline route exhibited archaeological potential and recommended that these areas, notably the District Station location, be subject to a Stage 2 Archaeological Assessment prior to construction. Currently, a Stage 2 assessment is planned for Spring 2023.</p> <p>There are no properties within the Study Area that are Listed or Designated under the <i>Ontario Heritage Act</i> based on a review of the City of Ottawa Heritage Register and the Russell Township website. The Ministry's "Criteria for Evaluating Potential Built Heritage Resources and Cultural Heritage Landscapes" Checklist was completed and concluded that there is low potential for built heritage or cultural heritage landscapes in the Study Area.</p>
19	Pipeline Design, Construction, and Safety	<p>The proposed pipeline is designed to meet and/or exceed the regulations of the Canadian Standards Association and the applicable regulations of the Technical Standards &amp; Safety Authority. The construction work is temporary and transitory – once the pipe is laid, the area will be restored to as close to pre-construction condition as possible.</p> <p>Enbridge Gas takes many steps to safely and reliably operate their network of natural gas pipelines, such as:</p> <ul style="list-style-type: none"> <li>• Designing, constructing, and testing their pipelines to meet or exceed requirements set by industry standards and regulatory authorities.</li> <li>• Ensuring that any work is respectful of community activities, regulations and bylaws.</li> <li>• Continuously monitoring their network.</li> <li>• Performing field surveys to detect leaks and confirm that corrosion prevention methods are working as intended.</li> </ul>
20	General Construction Overview	<p>This slide shows a figure depicting a typical pipeline construction sequence in a rural setting. Steps 1-5 (Site Preparation) may not necessarily apply to this project, since the pipeline is going to be installed within the existing municipal road allowance; however, it still provides a useful illustration of the general steps in the pipeline construction process. You may wish to pause the video at this time, in order to review the construction phases illustrated here.</p>

Slide No.	Slide Title	Transcript
21	Mitigation and Monitoring	<p>Enbridge Gas is committed to working with the community on construction planning, mitigation, and post-construction monitoring. Post-construction monitoring will be conducted so that impacted areas are restored to as close to pre-construction conditions as possible. Enbridge Gas recognizes that the construction of the pipeline may result in short-term adverse impacts and commits to applying mitigation measures to reduce these impacts and work with the municipality and landowners so that issues are resolved in a timely manner.</p>
22	Regulatory Framework	<p>For the project to proceed, approval from the Ontario Energy Board is required. The Ontario Energy Board requires that Enbridge Gas complete an Environmental Report, which consists of an environmental assessment and route selection study. This report will also be submitted to the Ontario Pipeline Coordinating Committee for review and comment.</p> <p>The Ontario Energy Board will review the Environmental Report for the project (including details of consultation) as part of what is known as a “Leave-to-Construct” Application. Once Enbridge Gas submits a Leave-to-Construct Application to the Ontario Energy Board, any party with an interest in the project may apply to the Board to become intervenors or interested parties in order to participate in the decision-making process. Following their review of the Leave-to-Construct Application, the Ontario Energy Board will make a determination about whether the proposed project is in the public interest.</p>
23	Project Timeline	<p>This slide outlines the history of the project to-date and where we are currently in the environmental study process.</p>
24	Continuous Stakeholder Engagement	<p>Enbridge Gas is committed to open dialogue throughout the environmental assessment and the Ontario Energy Board Leave-to-Construct Application process. Stakeholders will have the opportunity to remain engaged in the process after the environmental assessment is completed through:</p> <ul style="list-style-type: none"> <li>• Participation in the Ontario Energy Board hearing as an intervenor or interested party – you can find details on the Ontario Energy Board website at <a href="http://www.oeb.ca">www.oeb.ca</a>.</li> <li>• Contacting Enbridge Gas or Dillon Consulting project team members via the contact information provided at the end of this presentation.</li> <li>• Visiting the Enbridge Gas project website at <a href="http://www.enbridgegas.com/boundaryroad">www.enbridgegas.com/boundaryroad</a>.</li> </ul>
25	Stay Informed	<p>Thank you for participating in our Virtual Public Information Session!</p> <p>We want to hear from you! Please complete the project questionnaire on the Virtual Public Information Session website at <a href="http://www.BoundaryRoadEA.ca">www.BoundaryRoadEA.ca</a> to provide your input and opinion of the project. If you would prefer, you can also download the comment form and submit your feedback by email at <a href="mailto:BoundaryRoadEA@dillon.ca">BoundaryRoadEA@dillon.ca</a>.</p> <p>After Sunday, November 27, this presentation, the accompanying video transcript, and questionnaire will be available for download on the Enbridge Gas website at <a href="http://www.enbridgegas.com/boundaryroad">www.enbridgegas.com/boundaryroad</a>.</p> <p>Please submit your feedback by Wednesday, December 14, 2022 so it can be considered in the Environmental Report Update that will be submitted to the Ontario Energy Board.</p> <p>For more information, or to submit comments or questions, please use the contact information provided on this slide to contact a member of the project team.</p>

# Projet pipelinier proposé du 5371 route Boundary

Séance d'information publique virtuelle

14 novembre 2022 – 27 novembre 2022



DILLON  
CONSULTING

The logo for Dillon Consulting, consisting of a stylized white graphic of two parallel lines curving upwards, followed by the text 'DILLON CONSULTING' in a white, sans-serif font.

# Bienvenue

Cette séance d'information virtuelle sera en ligne pendant deux semaines du lundi 14 novembre 2022 au dimanche 27 novembre 2022.

- Vous pouvez donner votre avis sur le projet pipelinier du 5371 route Boundary en remplissant le questionnaire disponible sur le site Web de la séance d'information publique virtuelle à [www.BoundaryRoadEA.ca](http://www.BoundaryRoadEA.ca). Veuillez transmettre vos commentaires au plus tard le 14 décembre 2022.
- Après dimanche le 27 novembre, cette présentation, la transcription de la vidéo l'accompagnant, et le questionnaire seront disponibles pour votre téléchargement sur le site Web d'Enbridge Gas au [www.enbridgegas.com/boundaryroad](http://www.enbridgegas.com/boundaryroad).

# L'engagement d'Enbridge Gas

Enbridge Gas assure un approvisionnement en gaz naturel sécuritaire et fiable à plus de 3,8 millions de clients résidentiels, commerciaux et industriels partout en Ontario.



Enbridge Gas examinera attentivement chaque commentaire.

Le personnel s'engage à impliquer les membres de la collectivité et fournit des informations à jour de manière transparente, honnête, et respectueuse.

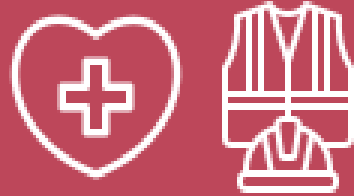


Enbridge Gas s'engage à l'intendance de l'environnement et mène toutes ses activités de façon responsable sur le plan environnemental.





# Les politiques d'Enbridge Gas sur l'environnement, la santé et la sécurité



Enbridge Gas s'engage à assurer la santé et la sécurité de tous les individus touchés par ses activités. Enbridge Gas fournit un environnement de travail sain et sécuritaire et ne compromet pas la santé et la sécurité des personnes.

Son objectif est de n'avoir aucun incident en milieu de travail et d'atténuer, dans la mesure du possible, ses impacts sur l'environnement. Pour réaliser cet objectif, Enbridge Gas travaillera avec nos parties prenantes pour promouvoir des pratiques environnementales responsables et l'amélioration continue.

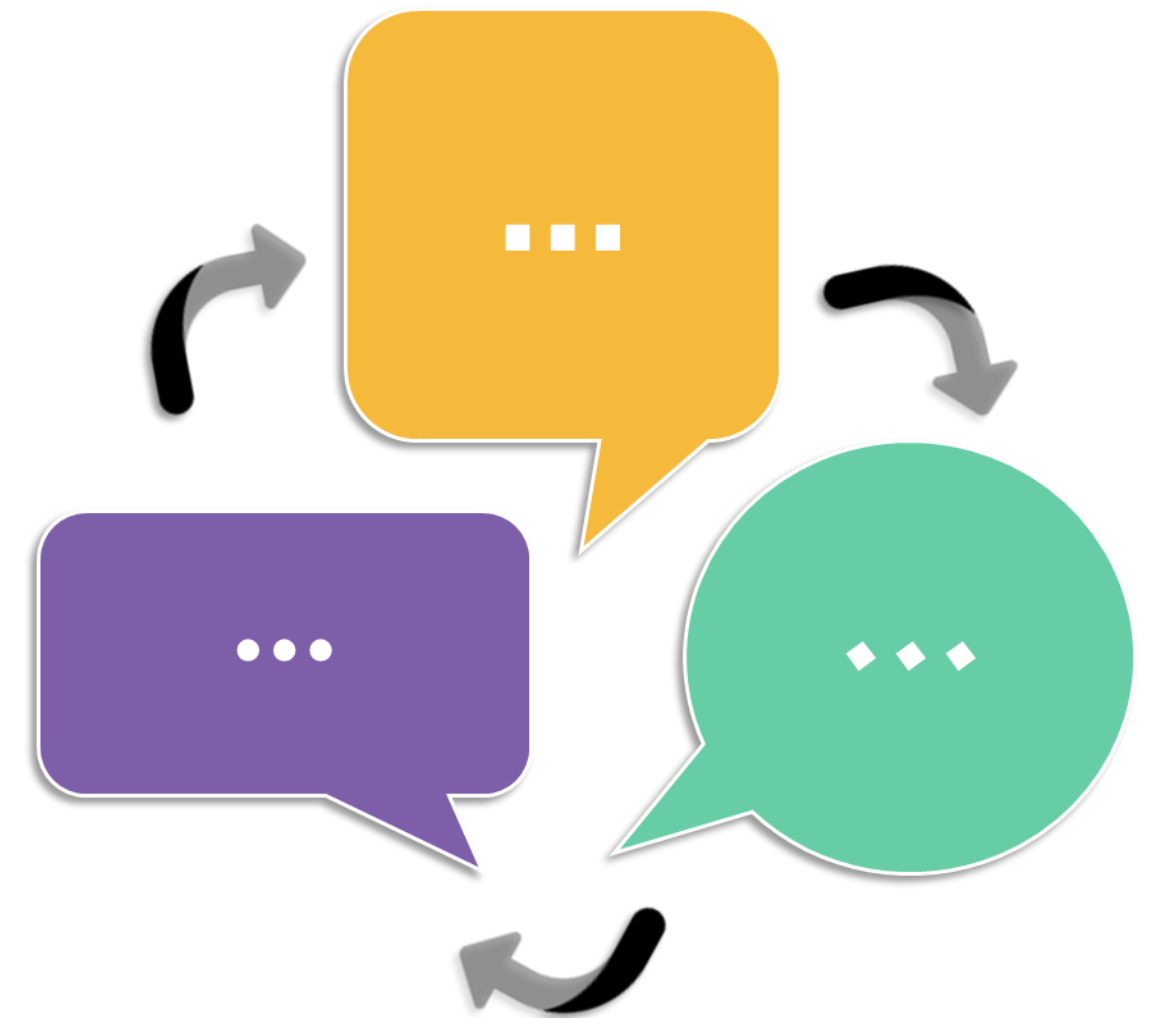


Enbridge Gas s'engage à la protection et à l'intendance de l'environnement et reconnaît que la prévention de la pollution, la biodiversité, et la conservation des ressources sont des mesures clés pour un environnement durable.

Tous les employés sont tenus responsables et doivent contribuer à un milieu de travail sécuritaire, doivent promouvoir des attitudes de travail sécuritaires et se conduire de façon responsable sur le plan environnemental.

# But de la séance d'information publique virtuelle

- Fournir des informations contextuelles sur le projet et illustrer le tracé proposé pour le pipeline.
- Informer les propriétaires fonciers, les communautés autochtones, les municipalités, les parties prenantes et les autorités réglementaires sur le projet et de recueillir des commentaires au tracé proposé pour le pipeline.
- Donner à chacun l'occasion de participer à la mise à jour du rapport environnemental, qui sera comprise dans l'application à la Commission de l'énergie de l'Ontario.
- Créer une occasion d'identifier tout obstacle inconnu et de réviser nos ébauches de plans de façon à atténuer les impacts sur la collectivité locale et sur l'environnement.
- Créer un espace où vous pouvez poser des questions et/ou partager vos commentaires avec Enbridge Gas ou avec Dillon Consulting Limited.



# Processus de consultation



Nous sommes déterminés à entreprendre un processus de consultation compréhensif et nous tenons à recueillir votre opinion sur ce projet.

Notre processus de consultation est :

- **Inclusif** – en faisant appel à ceux qui pourraient être intéressés ou affectés et en offrant l'occasion de s'informer et de s'impliquer.
- **Transparent** – en donnant l'accès à de l'information et en expliquant clairement les décisions.
- **Responsable** – en expliquant comment votre opinion sera employée dans le processus de prise de décision.

Une portion importante du processus de consultation est la collaboration avec nos parties prenantes pour identifier et résoudre tous problèmes potentiels.

# La politique d'Enbridge à l'égard des peuples autochtones - introduction

- Enbridge Gas suit la politique établie par Enbridge Inc. (Enbridge) à l'égard des peuples autochtones.
- Enbridge reconnaît la diversité des peuples autochtones qui habitent les terres où nous exerçons nos activités. Enbridge détient une compréhension historique des effets destructifs sur le bien-être social et économique des peuples autochtones. Enbridge reconnaît l'importance de la réconciliation entre les communautés autochtones et l'ensemble de la société. Des relations positives avec les peuples autochtones, où un respect mutuel prône et où l'attention se porte sur la poursuite d'objectifs communs, entraînera une réponse positive de la part des communautés autochtones.
- Enbridge s'engage à poursuivre de relations durables avec les peuples autochtones se situant à proximité des endroits où Enbridge mène ses activités. Pour ce faire, Enbridge se gouvernera en suivant les principes décrits sur la diapositive qui suit.

# La politique d'Enbridge à l'égard des peuples autochtones – principes

## Reconnaître

Enbridge **reconnaît** les droits juridiques et constitutionnels inhérents aux peuples autochtones ainsi que l'importance du lien qu'entretiennent les peuples autochtones avec leurs terres et leurs ressources traditionnelles. Enbridge s'engage à travailler avec les communautés autochtones en respectant ces droits ainsi que les territoires traditionnels et les ressources auxquels ils s'appliquent. Enbridge s'engage à s'assurer que ses projets et ses opérations soient menés de façon responsable sur le plan environnemental.

## Comprendre

Enbridge **comprend** l'importance de la Déclaration des Nations Unies sur les droits des peuples autochtones dans le contexte des lois canadiennes et par rapport aux engagements faits par le gouvernement en ce qui concerne la protection des droits des peuples autochtones.

## Entreprendre

Enbridge **entreprend** des processus de consultation sincères avec les peuples autochtones au sujet de ses projets et de ses opérations et conduit ces processus de façon à réaliser un engagement efficace et significatif. La participation des Autochtones aide à définir des projets pouvant survenir sur des territoires traditionnellement occupés par des peuples autochtones.

## S'engager

Enbridge **s'engage** à collaborer avec les peuples autochtones afin qu'un rendement positif découle pour eux des projets et des opérations d'Enbridge. Ce rendement positif peut inclure maintes possibilités en matière d'éducation, de formation, d'emploi, de développement d'entreprises et de développement communautaire.

## Promouvoir

Enbridge **promeut** une bonne compréhension de l'histoire et de la culture des peuples autochtones auprès de ses employés et de ses entrepreneurs afin de favoriser de meilleurs rapports entre Enbridge et les communautés autochtones.

# La politique d'Enbridge à l'égard des peuples autochtones – Engagement

L'engagement est une responsabilité que partagent Enbridge et ses filiales, ses employés et ses entrepreneurs. Ces entreprises mèneront leurs activités de manière à refléter les principes énumérés sur la diapositive précédente. Enbridge exercera un leadership continu et fournira des ressources nécessaires à la mise en œuvre efficace de ces principes, y compris des stratégies de mise en œuvre et des plans d'action précis. Enbridge s'engage à mettre à jour cette politique de façon régulière, puisse-t-elle demeurer pertinente et respectueuse des diverses traditions et cultures autochtones.

# Contexte du projet



- Enbridge Gas a d'abord lancé ce projet en 2019 à la demande de deux clients.
- Une séance d'information publique a eu lieu le 27 novembre 2019 et une évaluation environnementale ainsi que la conception du projet ont été réalisées au début de 2020.
- Le projet a été mis en veille en octobre 2020 lorsque les clients potentiels ont retiré leur demande.
- Le projet a été relancé en mai 2022 à la demande d'un client.
- Bien que la zone d'analyse du projet reste inchangée, Enbridge Gas a retenu les services de Dillon Consulting Limited afin de superviser les aspects liés à l'environnement nécessaires pour soumettre une nouvelle demande auprès de la Commission de l'énergie de l'Ontario.

## Description du projet

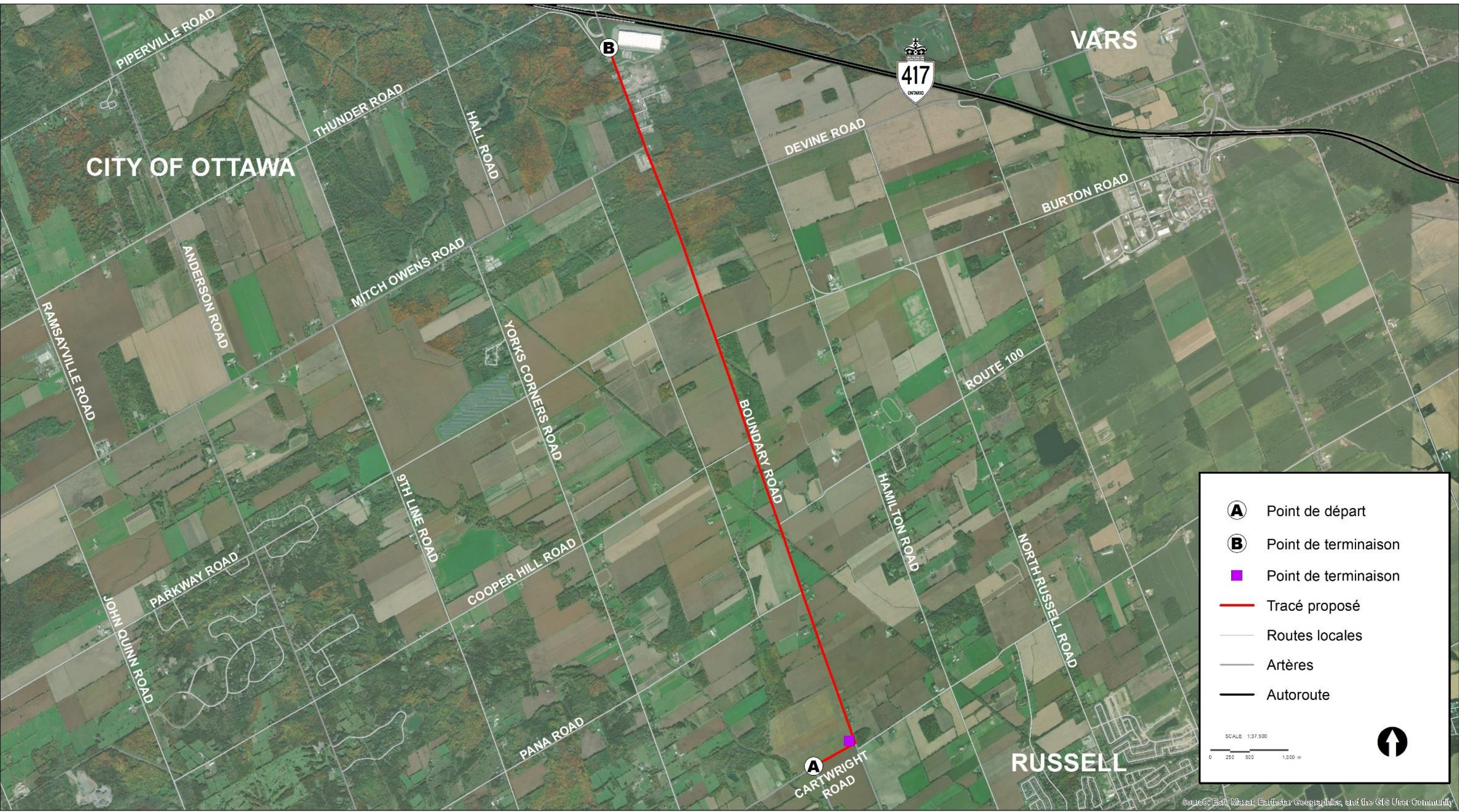
**Ce projet est axé sur le client. Son intention est d'approvisionner uniquement l'entrepôt situé au 5371 Boundary Road.** Le projet comprend l'installation d'environ 700 mètres de tuyaux en acier de 4 pouces, le long de la rue Cartwright, et de 9,4 kilomètres de tuyaux de polyéthylène de 4 pouces le long de la route Boundary et d'une nouvelle station de district du côté du nord de la rue Cartwright, approximativement 60 mètres à l'ouest de la route Boundary.

Le pipeline sera installé principalement dans l'allocation existante de la route. Une aire de travail additionnelle sera potentiellement exigée, temporairement, afin de fournir de l'espace pour de l'entreposage et pour assurer la gestion des sols de déblai.

### Le saviez-vous?

Les stations de district sont des stations de régulation de pression qui réduisent la pression du gaz naturel et alimentent les réseaux à basse pression en toute sécurité.





CITY OF OTTAWA

VARS

RUSSELL



- A** Point de départ
- B** Point de terminaison
- Point de terminaison
- Tracé proposé
- Routes locales
- Artères
- Autoroute

SCALE 1:37,500

0 250 500 1,000 m



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

# Considérations environnementales

- Une étude de l'environnement naturel a été menée sur le terrain par un biologiste de Dillon Consulting Limited le 16 septembre 2022.
- L'empreinte du projet est définie comme une bordure de 30 mètres sur chaque côté du tracé du pipeline.



L'empreinte du projet comprend les classifications écologiques suivantes en dehors de l'allocation de route municipale :

- Forêt de feuillus
- Bosquet décidu
- Terre humide non-évaluée
- Prairie mixte
- Agricole
- Résidentielle
- Industrielle
- Commerciale

# Considérations environnementales

Bien que d'autres exemples pourraient être donnés, quelques exemples d'espèces en péril (EP) et d'espèces dont la conservation est une préoccupation pouvant être présents dans l'aire du projet sont présentés dans les images ci-dessous.

**Pioui de l'Est  
(Contopus virens)**



**Papillon monarque  
(Danaus plexippus)**



**Noyer cendré  
(Juglans cinerea)**



# Considérations environnementales

## Exemples d'impacts potentiels

- Perte ou changement provisoire de la végétation pendant les travaux de construction.
- Changement provisoire de l'habitat de la faune et/ou rupture du déplacement de la faune pendant les travaux de construction.
- Changement provisoire de l'habitat d'espèces en péril et/ou rupture du déplacement d'espèces en péril pendant les travaux de construction.

## Exemples de mesures d'atténuation

- Réduire la largeur de la zone de construction afin de minimiser la quantité de végétation impactée.
- Clairement identifier ou clôturer les zones sensibles sur le plan environnemental
- Documenter les incidences de rencontre avec la faune et les EP et aviser les autorités réglementaires appropriées, au besoin.
- Fournir des fiches d'identification d'EP aux travailleurs, lesquelles décrivent l'habitat, les caractéristiques et les mesures à suivre.

# Considérations socio-économiques

- La zone d'étude du projet (100 mètres de chaque côté du tracé proposé pour pipeline) est située dans le quartier 20 de la ville d'Ottawa et de la municipalité de Russel.
- La zone d'étude fait également partie de la revendication territoriale actuelle des Algonquins de l'Ontario (AOO) pour leur territoire traditionnel non cédé. Il y a deux parcelles de terrain adjacentes à la route Boundary qui font l'objet d'un transfert aux Algonquins de l'Ontario, selon un entente de principe non contraignant signé par l'AOO et les gouvernements du Canada et de l'Ontario le 18 octobre 2016. l'AOO planifie y développer une communauté résidentielle.

La zone d'étude se compose principalement de terres agricoles, de régions boisées, de secteurs industriels et de secteurs résidentiels à faible densité.



# Considérations socio-économiques

## Exemples d'impacts potentiels

- Augmentation temporaire des nuisances sonores pendant les travaux de construction.
- Perturbations temporaires de la circulation pendant les travaux de construction.
- Augmentation temporaire de la production de déchets pendant les travaux de construction.

## Exemples de mesures d'atténuation

- Les travaux seront effectués conformément aux règlements municipaux sur le bruit en ce qui concerne l'usage d'équipement de construction. Des exemptions à ces règlements seront demandées si certains travaux doivent être menés lors de jours fériés, les dimanches ou pendant la nuit.
- L'accès à la circulation sera maintenu, dans la mesure du possible, pendant les travaux. Les meilleures pratiques en matière de gestion seront mises en œuvre afin de réduire les perturbations de la circulation. Au besoin, des itinéraires provisoires de détour seront fournis pour réduire les impacts ressentis par les usagers de la route.
- La collecte et l'élimination de déchets solides seront effectuées conformément aux règlements applicables, dans un site autorisé.

# Ressources sur le patrimoine culturel

## Archéologie

- Une évaluation archéologique de 1<sup>er</sup> stade a été accomplie pour le projet et elle a été soumise au ministère du tourisme, de la culture et du sport (MTCS) en février 2020.
- L'évaluation de 1<sup>er</sup> stade a déterminé qu'aucun site archéologique connu se situe à moins d'un km de la zone d'étude. Une inspection de la propriété a déterminé que quelques segments du tracé proposé présentaient un potentiel archéologique.
- L'évaluation de 1<sup>er</sup> stade recommande que les segments de la zone d'étude présentant un potentiel archéologique, dont l'emplacement de la station de district, fassent l'objet d'une évaluation de 2<sup>e</sup> stade avant que les travaux puissent débuter.
- Une évaluation de 2<sup>e</sup> stade est prévue pour le printemps 2023.

## Le patrimoine bâti et les paysages culturels

- Selon des recherches conduites auprès du registre du patrimoine de la ville d'Ottawa et sur le site Web de la municipalité de Russel, aucune propriété se situant dans la zone d'étude figure sur les listes de propriétés désignées ou non-désignées en vertu de la Loi sur le patrimoine de l'Ontario.
- Il n'y a aucun cimetière situé dans la zone d'étude.
- La liste d'évaluation du MTCS intitulée: «Criteria for Evaluating Potential Built Heritage Resources and Cultural Heritage Landscapes » a été complétée pour en conclure que la zone d'étude présente un potentiel faible en ce qui concerne le patrimoine bâti ou les paysages de patrimoine culturel

# Conception du pipeline, construction et sécurité

## Conception du pipeline

Le pipeline proposé est conçu pour respecter et/ou dépasser les règlements de l'Association canadienne de normalisation (Z662 Réseaux d'oléoducs et de gazoducs) et les règlements en vigueur de la Technical Standards and Safety Association (TSSA).

## Construction du pipeline

Les travaux de construction sont provisoires et transitoires - une fois les sections de la conduite posées, le secteur sera reconstitué à son état d'origine, dans la mesure du possible.

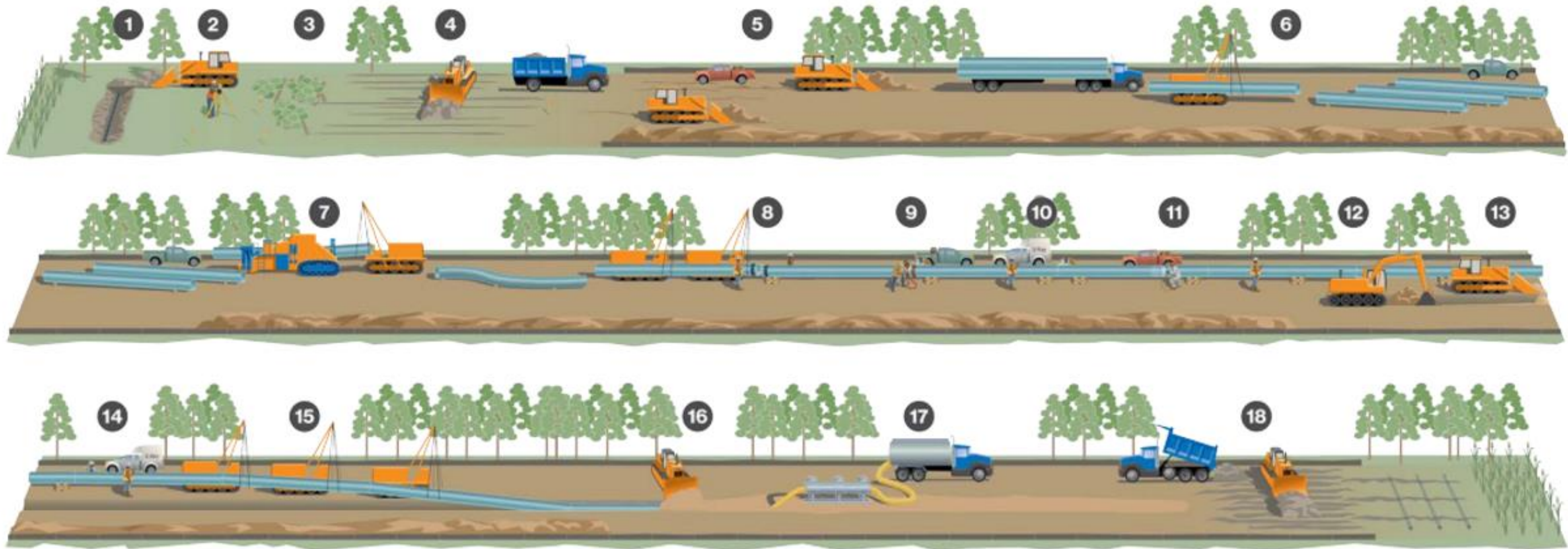
## Sécurité du pipeline

Enbridge Gas entreprend plusieurs démarches pour s'assurer que l'exploitation de son réseau de gazoducs soit effectuée de manière sûre et fiable :

- La conception, la construction, et l'évaluation des pipelines se font de manière à respecter et/ou dépasser les critères et les normes de l'industrie, ainsi que ceux établis par les autorités de régulation.
- Nous veillons à ce que tous nos travaux soient menés dans le respect des activités et des règlements communautaires.
- Nous veillons à ce que notre réseau fasse l'objet d'une surveillance étroite et continue.
- Nous effectuons des études de terrain pour permettre la détection de fuites et afin de vérifier que nos méthodes de prévention contre la corrosion sont aussi efficaces que prévu.



# Vue d'ensemble de la construction



1. Préparation du sol à la construction

2. Sondages de terrain et pose de jalons

3. Défrichage

4. Enlèvement du recouvrement végétal en surface de la terre

5. Terrassement initial

6. Bardage des tuteurs de canalisation

7. Cintrage des tuyaux de canalisation

8. Alignement des tuyaux de canalisation

9. Soudage

10. Inspection et réparations des soudures à l'aide d'une technologie aux rayons X ou aux ultrasons

11. Revêtement de chantier

12. Creusement de tranchées

13. Matelassage du fond des tranchées

14. Inspection finale et réparation du revêtement

15. Abaissement des tuyaux de canalisation

16. Remblayage

17. Essai hydrostatique

18. Remise en état du site et préparation du sol marquant la fin des travaux

# Mesures d'atténuation et de surveillance



Enbridge Gas s'engage à collaborer avec la collectivité en ce qui concerne la planification, l'atténuation des impacts potentiel et la surveillance après la construction. Un contrôle sera effectué après la construction afin de s'assurer que les zones concernées soient remises dans un état qui se rapproche le plus possible de leur état d'origine.

Enbridge Gas reconnaît que la construction du pipeline peut entraîner des effets négatifs à court terme et s'engage à appliquer des mesures d'atténuation pour minimiser ces effets et à travailler avec la municipalité et avec les propriétaires fonciers afin de résoudre tout problème en temps opportun.

# Cadre réglementaire

Pour que le projet se concrétise, l'approbation de la Commission de l'énergie de l'Ontario (CEO) est nécessaire. La CEO exige qu'Enbridge Gas conduise une évaluation environnementale et une étude de sélection du tracé.



## Le rôle de la Commission de l'énergie de l'Ontario

- Passer en revue le rapport environnemental (y compris les détails de la consultation) qui fait partie de la demande, aussi appelée la demande « d'autorisation de construire ».
- Une fois la demande d'autorisation de construire soumise à la Commission de l'énergie de l'Ontario, toute partie portant un intérêt au projet peut déposer une demande auprès de la Commission de l'énergie de l'Ontario pour devenir un intervenant ou une partie intéressée.
- Offrir un forum public pendant la période d'évaluation de l'application d'autorisation de construire pour que les parties intéressées participent au processus décisionnel
- Déterminer si le pipeline proposé est dans l'intérêt public.

# Calendrier du projet

Date	Activité
Début 2019	Projet initié à la demande de deux clients
27 novembre 2019	Séance d'information publique
Début 2020	Rapport et conception environnemental complétés
Octobre 2020	Projet mis en suspens (les clients ont retiré leur demande)
Mai 2022	Le projet a été relancé à la demande d'un client
Septembre 2022	Les services de Dillon Consulting Limited sont retenus pour la conduite d'une mise à jour du rapport environnemental 2020
Septembre 2022	Des études sur le terrain sont menées pour documenter tout changement des conditions de référence datant de 2019
31 octobre 2022	Avis de reprise de l'évaluation
<b>14-27 novembre 2022</b>	<b>Séance d'information publique virtuelle (nous sommes ici)</b>
Décembre 2022	Le rapport environnemental (2020) et la mise à jour du rapport environnemental sont soumis au Comité de coordination des pipelines de l'Ontario pour une période d'étude de 42 jours
Février 2023	Soumission de la dernière version de l'application d'autorisation de construire à la CEO
Janvier 2024	Début des travaux de construction (pourvu que l'application soit approuvée par la CEO)
August 2024	Date prévue pour la mise-en-service

# Implication continue des parties prenantes

Enbridge Gas s'engage à faciliter un dialogue ouvert tout au long de l'évaluation environnementale et du processus de demande pour l'autorisation à construire. Les parties prenantes auront l'occasion de rester impliquées dans le processus après l'exécution de l'évaluation environnementale en:

- Participant dans l'audience de la CEO en tant qu'intervenant ou en tant que partie prenante (plus d'information à ce sujet au [www.oeb.ca/fr](http://www.oeb.ca/fr))
- Contactant l'équipe en charge de ce projet (les coordonnées du projet sont sur la diapositive qui suit)
- Visitant le site Web du projet de Enbridge Gas au [www.enbridgegas.com/boundaryroad](http://www.enbridgegas.com/boundaryroad)



Merci d'avoir participé à notre séance d'information publique virtuelle!

- Communiquez avec nous! Veuillez remplir le questionnaire disponible sur le site Web de la séance d'information publique virtuelle au [www.BoundaryRoadEA.ca](http://www.BoundaryRoadEA.ca).
- Après dimanche le 27 novembre, cette présentation, la transcription de la vidéo l'accompagnant, et le questionnaire seront disponibles sur le site Web de Enbridge Gas au [www.enbridgegas.com/boundaryroad](http://www.enbridgegas.com/boundaryroad).
- Veuillez soumettre vos commentaires au plus tard mercredi le 14 décembre 2022 afin qu'ils puissent être considérés dans la mise à jour du rapport environnemental qui sera soumise à la Commission de l'énergie de l'Ontario.

### Coordonnées du projet :

Adresse courriel : [BoundaryRoadEA@dillon.ca](mailto:BoundaryRoadEA@dillon.ca)

Téléphone : 613-745-2213, poste 3024

Restez à l'écoute!

## Projet pipeline au 5371 route Boundary - Transcription de la séance d'information publique virtuelle

Numéro de la diapositive	Titre de la diapositive	Transcription
1	S/O – Titre de la diapositive	<p>Bonjour et bienvenue à la séance d'information publique virtuelle concernant le projet pipeline d'Enbridge Gas Inc. au 5371 route Boundary.</p> <p>À tout moment, vous pouvez appuyer sur pause ou arrêter cette présentation. Vous aurez également la possibilité de télécharger la transcription de cette vidéo sur notre site Web de la séance d'information publique virtuelle ou sur le site Web du projet d'Enbridge Gas. Les liens sont fournis sur la diapositive suivante et à la fin de la présentation.</p>
2	Bienvenue	<p>Cette séance d'information virtuelle publique sera en ligne pendant deux semaines, du lundi 14 novembre 2022 au dimanche 27 novembre 2022.</p> <p>Dillon Consulting a été engagé pour mener une étude environnementale visant à évaluer les effets environnementaux et socio-économiques potentiels qui pourraient résulter du projet pipeline au 5371 route Boundary. Cette présentation vous fournira des informations sur le projet proposé, le tracé du pipeline proposé et le processus de la Commission de l'énergie de l'Ontario, et vous indiquera comment vous pouvez rester informé et participer.</p> <p>Vous pouvez donner votre avis sur le projet en remplissant le questionnaire disponible sur le site Web de la séance d'information publique virtuelle à <a href="http://www.BoundaryRoadEA.ca">www.BoundaryRoadEA.ca</a>. Veuillez transmettre vos commentaires au plus tard le mercredi 14 décembre 2022.</p> <p>Après le dimanche 27 novembre 2022, cette présentation, la transcription de la vidéo l'accompagnant et le questionnaire seront disponibles et pourront être téléchargés sur le site Web de Enbridge Gas à <a href="http://www.enbridgegas.com/boundaryroad">www.enbridgegas.com/boundaryroad</a>.</p>
3	L'engagement d'Enbridge Gas	<p>Enbridge Gas assure un approvisionnement en gaz naturel sécuritaire et fiable à plus de 3,8 millions de clients résidentiels, commerciaux et industriels à travers l'Ontario.</p> <p>Enbridge Gas examinera attentivement tous les commentaires sur le projet et s'engage à faire participer les collectivités locales et les parties prenantes concernées tout au long du processus réglementaire. Enbridge Gas s'engage à fournir des informations à jour d'une manière ouverte, honnête et respectueuse.</p> <p>Enbridge Gas s'engage à l'intendance de l'environnement et mène toutes ses activités de façon responsable sur le plan environnemental.</p>

Numéro de la diapositive	Titre de la diapositive	Transcription
4	Les politiques d'Enbridge Gas sur l'environnement, la santé et la sécurité	<p>Enbridge Gas s'engage à assurer la santé et la sécurité de tous les individus touchés par ses activités.</p> <p>Enbridge Gas fournira un environnement de travail sain et sécuritaire et ne compromettra pas la santé et la sécurité de l'individu. Son objectif est de n'avoir aucun incident en milieu de travail et d'atténuer, dans la mesure du possible, ses impacts sur l'environnement. Pour réaliser cet objectif, Enbridge Gas travaillera avec nos parties prenantes pour promouvoir des pratiques environnementales responsables et l'amélioration continue.</p> <p>Enbridge Gas s'engage à la protection et à la gérance de l'environnement et reconnaît que la prévention de la pollution, la biodiversité, et la conservation des ressources sont des mesures clés pour un environnement durable. Tous les employés sont tenus responsables et doivent contribuer à un milieu de travail sécuritaire, promouvoir des attitudes de travail sécuritaires et se conduire de façon responsable sur le plan environnemental.</p>
5	But de la séance d'information publique virtuelle	<p>But de la séance d'information publique virtuelle :</p> <ul style="list-style-type: none"> <li>• Fournir des informations contextuelles sur le projet et illustrer le tracé proposé pour le pipeline.</li> <li>• Informer les propriétaires fonciers, les communautés autochtones, les municipalités, les parties prenantes et les autorités réglementaires sur le projet et de recueillir des commentaires au sujet tracé proposé pour le pipeline.</li> <li>• Donner à chacun l'occasion de participer à la mise à jour du rapport environnemental qui sera comprise dans la demande auprès de la Commission de l'énergie de l'Ontario.</li> <li>• Créer une occasion d'identifier tout obstacle inconnu et de réviser nos ébauches de plans de façon à atténuer les impacts sur la collectivité locale et sur l'environnement.</li> <li>• Créer un espace où vous pouvez poser des questions et/ou partager vos commentaires avec Enbridge Gas ou avec Dillon Consulting Limited.</li> </ul>
6	Processus de consultation	<p>Nous sommes déterminés à entreprendre un processus de consultation complet et nous tenons à recueillir votre opinion sur ce projet.</p> <p>Notre processus de consultation est :</p> <ul style="list-style-type: none"> <li>• Inclusif – en faisant appel à ceux qui pourraient être intéressés ou affectés et en offrant l'occasion de s'informer et de s'impliquer.</li> <li>• Transparent – en donnant l'accès à de l'information et en expliquant clairement les décisions.</li> <li>• Responsable - en expliquant comment votre opinion sera employée dans le processus de prise de décision.</li> </ul> <p>Une portion importante du processus de consultation est la collaboration avec nos parties prenantes pour identifier et résoudre tous problèmes potentiels.</p>



Numéro de la diapositive	Titre de la diapositive	Transcription
7	La politique d'Enbridge à l'égard des peuples autochtones - introduction	<p>Enbridge reconnaît la diversité des peuples autochtones qui habitent les terres où nous exerçons nos activités. Enbridge détient une compréhension historique des effets destructifs sur le bien-être social et économique des peuples autochtones. Nous reconnaissons l'importance de la réconciliation entre les communautés autochtones et l'ensemble de la société. Des relations positives avec les peuples autochtones, où un respect mutuel prône et où l'attention se porte sur la poursuite d'objectifs communs, entraînera une réponse positive de la part des communautés autochtones.</p> <p>Enbridge s'engage à entretenir des relations durables avec les peuples autochtones se situant à proximité des lieux où Enbridge mène ses activités. Pour ce faire, Enbridge se gouvernera en suivant les principes décrits sur la diapositive qui suit.</p>
8	La politique d'Enbridge à l'égard des peuples autochtones - Principes	<p>Pour ce faire, Enbridge se gouvernera en suivant les principes décrits sur cette diapositive. Vous pouvez mettre cette vidéo en pause si vous souhaitez revoir cette diapositive plus en détail.</p>
9	La politique d'Enbridge à l'égard des peuples autochtones – Engagement	<p>L'engagement est une responsabilité que partagent Enbridge et ses filiales, ses employés et ses entrepreneurs. Ils mèneront leurs activités d'une manière qui correspond aux principes énumérés sur la diapositive précédente. Enbridge exercera un leadership continu et fournira des ressources nécessaires à la mise en œuvre efficace de ces principes, y compris des stratégies de mise en œuvre et des plans d'action précis. Enbridge s'engage à passer cette politique en revue périodiquement, puisse-t-elle demeurer pertinente et respectueuse des diverses traditions et cultures autochtones.</p>
10	Contexte du projet	<p>Cette diapositive présente le contexte du projet.</p> <p>Enbridge Gas a d'abord lancé ce projet en 2019 à la demande de deux clients. Une séance d'information publique a eu lieu le 27 novembre 2019 et une évaluation environnementale ainsi que la conception du projet ont été réalisées au début de 2020. Cependant, avant qu'une demande soit soumise à la Commission de l'énergie de l'Ontario, le projet a été mis en attente car les clients potentiels ont retiré leur demande en octobre 2020. Le projet a été relancé en mai 2022 à la demande d'un client. Bien que la zone d'analyse du projet reste inchangée, Enbridge Gas a retenu les services de Dillon Consulting afin de superviser les aspects liés à l'environnement nécessaires pour soumettre une nouvelle demande auprès de la Commission de l'énergie de l'Ontario.</p>
11	Description du projet	<p>Ce projet est axé sur le client. Son intention est d'approvisionner uniquement l'entrepôt situé au 5371 route Boundary. Le projet comprend l'installation d'environ 700 mètres de pipeline en acier de 4 pouces, le long de la rue Cartwright, et de 9,4 kilomètres de pipeline de polyéthylène de 4 pouces le long de la route Boundary et d'une nouvelle station de district du côté du nord de la rue Cartwright, approximativement 60 mètres à l'ouest de la route Boundary. Les stations de district sont des stations de régulation de pression qui réduisent la pression du gaz naturel et alimentent les réseaux à basse pression en toute sécurité. Le pipeline sera installé principalement dans la réserve routière existante de la route. Une aire de travail supplémentaire sera potentiellement exigée, temporairement, afin de fournir de l'espace pour de l'entreposage et pour assurer la gestion des sols de déblai.</p>
12	S/O – Carte	<p>Ce schéma donne un aperçu des composantes du projet. Vous pouvez mettre cette vidéo en pause si vous avez besoin de temps supplémentaire pour examiner la carte. Une version interactive de la carte est également disponible sur le site Web de la séance d'information publique virtuelle (<a href="http://www.BoundaryRoadEA.ca">www.BoundaryRoadEA.ca</a>).</p>

Numéro de la diapositive	Titre de la diapositive	Transcription
13	Considérations relatives à l'environnement naturel (diapositive 1 de 3)	<p>Une étude de l'environnement naturel a été menée sur le terrain par un biologiste de Dillon Consulting le 16 septembre 2022. L'empreinte du projet est définie comme une bordure de 30 mètres de chaque côté du tracé du pipeline.</p> <p>L'empreinte du projet comprend les classifications écologiques suivantes en dehors de l'allocation de route municipale:</p> <ul style="list-style-type: none"> <li>• Forêt de feuillus</li> <li>• Bosquet décadu</li> <li>• Terre humide non-évaluée</li> <li>• Prairie mixte</li> <li>• Agricole</li> <li>• Résidentielle</li> <li>• Industrielle</li> <li>• Commerciale.</li> </ul>
14	Considérations relatives à l'environnement naturel (diapositive 2 de 3)	<p>Le pic épeichette, le papillon monarque et le noyer cendré sont des exemples d'espèces en péril dont la présence est connue dans la zone du projet. Dillon Consulting n'a observé aucune de ces espèces lors de la visite du site du 16 septembre.</p>
15	Considérations relatives à l'environnement naturel (diapositive 3 de 3)	<p>Cette diapositive énumère des exemples d'effets potentiels sur l'environnement naturel et les types de mesures d'atténuation qui peuvent être prises en compte dans l'évaluation environnementale.</p> <p>Le projet serait construit à l'intérieur de l'emprise des routes municipales, ce qui limiterait le potentiel d'effets négatifs sur l'environnement naturel. Les espaces de travail temporaires, si nécessaire, seront situés de manière à éviter les caractéristiques environnementales sensibles.</p>
16	Considérations socio-économiques (diapositive 1 de 2)	<p>La zone d'étude du projet (100 mètres de chaque côté de l'itinéraire proposé du pipeline) est située dans le quartier 20 de la ville d'Ottawa et de la municipalité de Russel. La zone d'étude se compose principalement de terres agricoles, de régions boisées, de secteurs industriels et de secteurs résidentiels à faible densité.</p> <p>La zone d'étude fait également partie de la revendication territoriale actuelle des Algonquins de l'Ontario pour leur territoire traditionnel non cédé. Il y a deux parcelles de terrain adjacentes à la route Boundary qui font l'objet d'un transfert aux Algonquins de l'Ontario, selon une entente de principe non contraignant signé par l'AOO et les gouvernements du Canada et de l'Ontario le 18 octobre 2016.</p>

Numéro de la diapositive	Titre de la diapositive	Transcription
17	<p>Considérations socio-économiques</p> <p>(diapositive 2 de 2)</p>	<p>Cette diapositive énumère des exemples d'effets potentiels sur l'environnement naturel et les types de mesures d'atténuation qui peuvent être prises en compte dans l'évaluation environnementale.</p> <p>Des mesures seront mises en œuvre pendant la construction pour réduire le bruit, contrôler la poussière et maintenir la circulation sur les routes concernées.</p> <p>Vous pouvez mettre cette vidéo en pause si vous avez besoin de temps supplémentaire pour examiner cette diapositive.</p>
18	<p>Ressources sur le patrimoine culturel</p>	<p>Une évaluation archéologique de 1er stade a été accomplie pour le projet et elle a été soumise au ministère du tourisme, de la culture et des sports en février 2020. L'évaluation de 1er stade a déterminé qu'aucun site archéologique connu se situe à moins d'un kilomètre de la zone d'étude. L'inspection des biens a permis de déterminer que certaines parties du tracé du pipeline proposé présentaient un potentiel archéologique et a recommandé que ces zones, notamment l'emplacement de la station de district, fassent l'objet d'une évaluation archéologique de phase 2 avant la construction. Actuellement, une évaluation de 2e stade est prévue pour le printemps 2023.</p> <p>Aucune propriété située dans la zone d'étude n'est répertoriée ou désignée en vertu de la Loi sur le patrimoine de l'Ontario, d'après un examen du registre du patrimoine de la ville d'Ottawa et du site Web du canton de Russell. La liste d'évaluation du ministère du Tourisme, de la Culture et du Sport intitulée : « Criteria for Evaluating Potential Built Heritage Resources and Cultural Heritage Landscapes » a été complétée pour en conclure que la zone d'étude présente un potentiel faible en ce qui concerne le patrimoine bâti ou les paysages de patrimoine culturel.</p>
19	<p>Conception du pipeline, construction et sécurité</p>	<p>Le pipeline proposé est conçu pour respecter et/ou dépasser les règlements de l'Association canadienne de normalisation et les règlements en vigueur de la Technical Standards and Safety Association. Les travaux de construction sont provisoires et transitoires - une fois les sections du tuyau posées, le secteur sera reconstitué à son état d'origine, dans la mesure du possible.</p> <p>Enbridge Gas entreprend plusieurs démarches pour s'assurer que l'exploitation de son réseau de gazoducs soit effectuée de manière sûre et fiable.</p> <ul style="list-style-type: none"> <li>• La conception, la construction et l'évaluation des pipelines se font de manière à respecter et/ou dépasser les critères et les normes de l'industrie, ainsi que ceux établis par les autorités réglementaires.</li> <li>• Nous voyons à ce que tous nos travaux soient menés dans le respect des activités et des règlements communautaires.</li> <li>• Nous nous assurons que notre réseau fasse l'objet d'une surveillance étroite et continue.</li> <li>• Nous effectuons des études de terrain pour permettre la détection de fuites et afin de vérifier que nos méthodes de prévention contre la corrosion sont aussi efficaces que prévu.</li> </ul>
20	<p>Vue d'ensemble de la construction</p>	<p>Cette diapositive montre une figure illustrant une séquence typique de construction d'un pipeline dans un environnement rural. Les étapes 1 à 5 (préparation du site) ne s'appliquent pas nécessairement à ce projet, puisque le pipeline sera installé dans l'emprise de la route municipale existante; toutefois, elles fournissent une illustration utile des étapes générales du processus de construction d'un pipeline. Vous souhaiterez peut-être mettre la vidéo en pause à ce moment-là afin de revoir les phases de construction illustrées ici.</p>

Numéro de la diapositive	Titre de la diapositive	Transcription
21	Mesures d'atténuation et de surveillance	<p>Enbridge Gas s'engage à collaborer avec la collectivité en ce qui concerne la planification, à l'atténuation des impacts potentiels et à la surveillance après la construction. Une surveillance sera effectuée après la construction afin de s'assurer que les zones concernées soient chacune remises dans un état qui se rapproche le plus possible de son état d'origine. Enbridge Gas reconnaît que la construction du pipeline peut entraîner des effets négatifs à court terme et ils s'engagent à appliquer des mesures d'atténuation pour minimiser ces effets et à travailler avec la municipalité et avec les propriétaires fonciers afin de résoudre tout problème en temps opportun.</p>
22	Cadre réglementaire	<p>Pour que le projet se concrétise, l'approbation de la Commission de l'énergie de l'Ontario (CEO) est nécessaire. La Commission de l'énergie de l'Ontario exige qu'Enbridge Gas réalise un rapport environnemental qui consiste en une évaluation environnementale et une étude de sélection du tracé. Ce rapport sera également soumis au Comité de coordination des pipelines de l'Ontario pour examen et commentaires.</p> <p>La Commission de l'énergie de l'Ontario examinera le rapport environnemental du projet (y compris les détails de la consultation) dans le cadre de ce que l'on appelle une demande d'autorisation de construire. Une fois qu'Enbridge Gas a soumis une demande d'autorisation de construire auprès de la Commission de l'énergie de l'Ontario, toute partie ayant un intérêt dans le projet peut demander à la Commission de devenir un intervenant ou une partie intéressée afin de participer au processus décisionnel. Après avoir examiné la demande d'autorisation de construire, la Commission de l'énergie de l'Ontario déterminera si le projet proposé est dans l'intérêt du public.</p>
23	Calendrier du projet	<p>Cette diapositive présente l'historique du projet à ce jour et indique où nous en sommes actuellement dans le processus d'étude environnementale.</p>
24	Implication continue des parties prenantes	<p>Enbridge Gas s'engage à faciliter un dialogue ouvert tout au long de l'évaluation environnementale et du processus d'application pour l'autorisation à construire. Les parties prenantes auront l'occasion de rester impliquées dans le processus une fois l'évaluation environnementale terminée en :</p> <ul style="list-style-type: none"> <li>• Participation à l'audience de la Commission de l'énergie de l'Ontario en tant qu'intervenant ou partie intéressée - vous trouverez des détails sur le site Web de la Commission de l'énergie de l'Ontario à l'adresse suivante : <a href="http://www.oeb.ca/fr">www.oeb.ca/fr</a>.</li> <li>• Communiquer avec les membres de l'équipe de projet d'Enbridge Gas ou de Dillon Consulting en consultant les coordonnées fournies à la fin de cette présentation.</li> <li>• Visiter le site Web du projet d'Enbridge Gas à l'adresse suivante : <a href="http://www.enbridgegas.com/boundaryroad">www.enbridgegas.com/boundaryroad</a>.</li> </ul>

Numéro de la diapositive	Titre de la diapositive	Transcription
25	Tenez-vous au courant.	<p>Merci d'avoir participé à notre séance d'information publique virtuelle!</p> <p>Nous voulons connaître votre opinion! Veuillez remplir le questionnaire concernant le projet sur le site Web de la séance d'information publique virtuelle <a href="http://www.BoundaryRoadEA.ca">www.BoundaryRoadEA.ca</a> et nous donner votre avis sur le projet. Si vous préférez, vous pouvez également télécharger le formulaire de commentaire et soumettre vos commentaires par courriel à <a href="mailto:BoundaryRoadEA@dillon.ca">BoundaryRoadEA@dillon.ca</a></p> <p>Après le dimanche 27 novembre, cette présentation, la transcription de la vidéo l'accompagnant et le questionnaire seront disponibles et vous pourrez les télécharger sur le site Web d'Enbridge Gas à <a href="http://www.enbridgegas.com/boundaryroad">www.enbridgegas.com/boundaryroad</a>.</p> <p>Veillez soumettre vos commentaires au plus tard le mercredi 14 décembre 2022 afin qu'ils puissent être pris en compte dans la mise à jour du rapport environnemental qui sera soumise à la Commission de l'énergie de l'Ontario.</p> <p>Pour de plus amples informations ou pour soumettre des commentaires ou des questions, veuillez utiliser les coordonnées fournies sur cette diapositive pour communiquer avec un membre de l'équipe du projet.</p>

## Appendix E

### Comment Form (English and French)

## Virtual Public Information Session – Comment Form

**We want to hear from you!** We encourage you to review the Virtual Public Information Session material and then fill out and submit this comment form by **Wednesday, December 14, 2022**. Your input is welcome and appreciated. You can also provide your input by email at [BoundaryRoadEA@dillon.ca](mailto:BoundaryRoadEA@dillon.ca).

After Sunday, November 27, 2022, this comment form will be available for download from the [5371 Boundary Road Pipeline Project | Enbridge Gas Website](#)

### Contact Information and General Questions

If you would like to be added to the Project's mailing list, please provide your contact information.

**Q 1. Name / Email Address**

**Q 2. How did you hear about the 5371 Boundary Road Pipeline Project? (Select all that apply)**

Received Notice via Email

Received Notice via Standard Mail (Canada Post)

Newspaper

From a Friend or Neighbour

Social Media

Other, please specify:

**Q 3. Do you own property, live, or work along the proposed pipeline route?**

Yes

No, but I am interested in the  
Project

**Q 4. Please explain your interest in the Project.**

**Q 5. Which group represents you best? (Please choose one answer)**

I am a member of an Indigenous community

I am a landowner or resident in the study area

I am a member of a community interest group

I am a government employee or official

Other, please specify:

**Q 6. What is your view of the proposed Project?**

I am supportive

I am not supportive

No opinion at this  
time

**Q 7. Please explain your view (supportive or not supportive).**

**Q 8. Are there any environmental, socio-economic, or cultural heritage features along the proposed route that you would like to identify?**



**Q 9. Are there any potential effects (e.g., to you, your property, business, or otherwise) and any mitigation measures that you think Enbridge Gas should consider?**

**Q 10. Please provide any additional comments, questions, or feedback that you have with regards to the Project.**

## Feedback on the Virtual Public Information Session

**Q 11. Was sufficient information about the Project provided on the Virtual Public Information Session website and in the presentation slides?**

Yes (Go to Q 13)

No (Go to Q 12)

**Q 12. Please describe what other information you would have liked to see.**

**Q 13. Was sufficient information provided on the Ontario Energy Board and Environmental Assessment process?**

Yes  
(Go to Q 15)

No  
(Go to Q 14)

Partly  
(Go to Q 14)

**Q 14. Please tell us what else you would like to know about the Ontario Energy Board and Environmental Assessment process.**

## Thank you for participating in the Virtual Public Information Session for the 5371 Boundary Road Pipeline Project!

If you require further information about the Project, please contact one of the following individuals:

**Tanya Turk**  
**Environmental Advisor**  
Enbridge Gas Inc.  
101 Honda Boulevard  
Markham, ON L6C 0M6

**Alissa Lee**  
**Environmental Assessment Project Manager**  
Dillon Consulting Limited  
Suite 101 – 177 Colonnade Road South  
Ottawa, ON K2E 7J4

**Project Email:** [BoundaryRoadEA@dillon.ca](mailto:BoundaryRoadEA@dillon.ca)  
**Telephone:** 613-745-2213, ext. 3024

You can also stay up-to-date on the Project by visiting the Enbridge Gas website at: [www.enbridgegas.com/boundaryroad](http://www.enbridgegas.com/boundaryroad)

### **Collection and Use of Personal Information:**

Any personal information (PI), such as names and addresses, collected by Enbridge Gas Inc. (EGI) on this comment form (or through the Virtual Information Session process) for this project will be used for the purpose of conducting an environmental assessment and related activities, such as creating an environmental assessment report. EGI may also share PI with its consultant(s) for this purpose and will share PI with the Ontario Energy Board (OEB) and other government agencies as required for the project. In accordance with the Ontario Freedom of Information and Protection of Privacy Act, PI provided to the OEB will not be disclosed on the public record or to any third parties. However, comments, questions and other information collected may be disclosed on the public record provided that any PI will be redacted.

## Session virtuelle d'information publique - Formulaire de commentaires

**Votre avis nous intéresse!** Nous vous encourageons à passer en revue le contenu de la séance d'information publique virtuelle et puis à compléter et soumettre ce formulaire de commentaires d'ici **mercredi le 14 décembre 2022**. Vos commentaires sont appréciés. Vous pouvez également nous faire part de vos commentaires par courriel à l'adresse [BoundaryRoadEA@dillon.ca](mailto:BoundaryRoadEA@dillon.ca).

Après dimanche le 27 novembre 2022, ce formulaire de commentaires pourra être téléchargé à partir du site Web d'Enbridge Gas au [www.enbridgegas.com/boundaryroad](http://www.enbridgegas.com/boundaryroad).

### Coordonnées et questions générales

Si vous souhaitez être ajouté à la liste d'envoi du projet, veuillez s'il vous plaît fournir vos coordonnées.

**Q 1. Nom / Adresse courriel**

**Q 2. Comment avez-vous entendu parler du projet pipelineur du 5371 route Boundary? (Sélectionnez toutes les réponses qui s'appliquent)**

Avis reçu par courrier électronique

Avis reçu par courrier standard (Postes Canada)

Journal

Via un ami ou un voisin

Médias sociaux

Autre, veuillez préciser:

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**Q 3. Possédez-vous une propriété, vivez-vous ou travaillez-vous le long de la route pipelinière proposée ?**

Oui

Non, mais le projet m'intéresse

**Q 4. Veuillez expliquer votre intérêt pour le projet.**

**Q 5. Quel groupe vous représente le mieux ? (Veuillez sélectionner une réponse)**

Je suis membre d'une communauté autochtone

Je suis propriétaire foncier ou résident dans la zone d'étude

Je suis membre d'un groupe d'intérêt de la communauté

Je suis un employé du gouvernement ou un fonctionnaire

Autre, veuillez préciser:

**Q 6. Que pensez-vous du projet proposé ?**

Je suis à l'appui

Je ne suis pas à  
l'appui

Aucune opinion  
pour le moment

**Q 7. Veuillez expliquer votre point de vue (favorable ou non favorable).**

**Q 8. Y a-t-il des éléments environnementaux, socio-économiques ou de patrimoine culturel le long de l'itinéraire proposé que vous aimeriez identifier ?**

**Q 9. Y a-t-il des effets potentiels (par exemple, pour vous, votre propriété, votre entreprise ou autre) et des mesures d'atténuation que vous pensez qu'Enbridge Gas devrait envisager?**

**Q 10. Veuillez fournir tous les commentaires ou questions supplémentaires que vous avez concernant le projet.**

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## Commentaires sur la séance d'information publique virtuelle

**Q 11. Les renseignements fournis par rapport au projet sur le site Web de la séance d'information publique virtuelle et dans les diapositives de présentation ont-ils été suffisants ?**

Oui (Passez à la question 13)

Non (Passez à la question 12)

**Q 12. Veuillez décrire les autres renseignements que vous auriez aimé voir.**

**Q 13. Les renseignements fournis sur la Commission de l'énergie de l'Ontario et sur l'évaluation environnementale ont-ils été suffisants ?**

Oui  
(Passez à la  
question 15)

Non  
(Passez à la  
question 14)

En Partie  
(Passez à la  
question 14)

**Q 14. Veuillez s'il-vous-plaît nous indiquer ce que vous aimeriez savoir d'autre à propos de la Commission de l'énergie de l'Ontario et du processus de l'évaluation environnementale.**

## Merci d'avoir participé à la séance virtuelle d'information publique sur le projet pipelineur du 5371 route Boundary!

Si vous avez besoin de plus amples renseignements sur le projet, veuillez communiquer avec l'une des personnes suivantes:

**Tanya Turk**  
**Conseillère environnementale**  
Enbridge Gas Inc.  
101, boulevard Honda  
Markham, ON L6C 0M6

**Alissa Lee**  
**Chargée projet de l'évaluation  
environnementale**  
Dillon Consulting Limited  
101 - 177 route Colonnade Sud  
Ottawa, ON K2E 7J4

**Courriel du projet:** [BoundaryRoadEA@dillon.ca](mailto:BoundaryRoadEA@dillon.ca)

**Téléphone:** 613-745-2213, poste 3024

Vous pouvez également rester informé sur le projet en visitant le site Web d'Enbridge Gas à l'adresse suivante: [www.enbridgegas.com/boundaryroad](http://www.enbridgegas.com/boundaryroad)

### **Collecte et utilisation de renseignements personnels :**

Tous les renseignements personnels, tels que les noms et adresses, recueillis par Enbridge Gas Inc. (EGI) sur ce formulaire de commentaires (ou par le biais du processus de la séance d'information virtuelle) pour ce projet seront utilisés aux fins d'une évaluation environnementale et d'activités connexes, telles que la création d'un rapport d'évaluation environnementale. EGI peut également partager des renseignements personnels avec son ou ses consultant(s) à cette fin et partagera des renseignements personnels avec la Commission de l'énergie de l'Ontario (CEO) et d'autres organismes gouvernementaux selon les besoins du projet Conformément à la Loi sur l'accès à l'information et la protection de la vie privée de l'Ontario, les renseignements personnels fournis à la CEO ne seront pas divulgués au dossier public ni à des tiers Toutefois, les commentaires, questions et autres informations recueillies peuvent être divulgués dans le dossier public à condition que tout renseignement personnel soit expurgé.



## Appendix F

### Indigenous Consultation Log

**Enbridge Gas Inc. Indigenous Engagement Log**  
Log updated as of January 10, 2023

**Table F-1: Algonquins of Ontario (AOO)**

Line Item	Date	Method	Summary of Enbridge Gas Inc. (“Enbridge Gas”) Engagement Activity	Summary of Community’s Engagement Activity	Issues or Concerns raised and how addressed by Enbridge Gas
1.0	November 2, 2022	Email	An Enbridge Gas representative emailed the AOO representative providing a Project Notice letter for the Boundary Road Pipeline Project (the “Project”) that was initially initiated in 2019, which was then deferred and has now since been re-started. The letter provided an overview of the proposed Project, a list of potential authorizations required, and contact information for the Ministry of Energy. The letter advised an Environmental Study of construction, operation activities and the AA had been completed and was provided to the Nation’s January 16, 2020. The Enbridge Gas representative also noted that the additional stage 2 AA work is planned for 2023 and further details will be provided. The letter requested community feedback on the proposed Project to avoid, minimize or mitigate potential adverse impacts on Aboriginal or Treaty rights. The Enbridge Gas representative noted capacity funding was available.		
1.2	November 2, 2022	Email	An Enbridge Gas representative called the AOO representative to discuss the Project and confirm the accuracy of some information related to the Project study area and AOO claimed territory before it was released.		
1.3	November 2, 2022	Phone Call	An Enbridge Gas representative emailed the AOO representative to follow up on their phone call from that day. The Enbridge Gas representative wanted the AOO representative to confirm some information prior to it being released to ensure the information is accurate.		
1.4	November 2, 2022	Email		An AOO representative emailed the Enbridge Gas representative to inquire if the information related to the Project study area and AOO claimed territory was going to be included in the virtual open house (“VOH”) information.	

Line Item	Date	Method	Summary of Enbridge Gas Inc. ("Enbridge Gas") Engagement Activity	Summary of Community's Engagement Activity	Issues or Concerns raised and how addressed by Enbridge Gas
1.5	November 2, 2022	Email	An Enbridge Gas representative emailed the AOO representative to confirm that the information related to the Project study area and AOO claimed territory would be included in the VOH information.		
1.6	November 3, 2022	Email		An AOO representative emailed the Enbridge Gas representative to confirm the information was correct.	
1.7	November 3, 2022	Email	An Enbridge Gas representative emailed the AOO representative to confirm receipt of the email.		
1.8	November 3, 2022	Email		An AOO representative emailed the Enbridge Gas representative asking about the link provided in the November 2, 2022, email and noted the proposed route. The AOO representative inquired if they could receive a new PDF version of the map. The AOO representative also wanted to confirm the AA process on the Project and wanted to ensure Enbridge understood the AOO's expectation for inclusion in archaeology.	AOO requested an updated version of the proposed project route, which was subsequently provided on December 10, 2022..
1.9	November 3, 2022	Email	An Enbridge Gas representative emailed the AOO representative to confirm receipt of email and that they would provide an updated map as soon as they can.		
1.10	November 10, 2022	Email	An Enbridge Gas representative emailed the AOO representative to provide a copy of the proposed pipeline route and to clarify that this route is the preferred route that was presented in the Environmental Assessment in 2019/2020 and that the alternative route is no longer being considered. Additionally, the Enbridge Gas representative advised them the district station had been relocated from Boundary Road and Burton Road to the north side of Cartwright Street, approximately 60 m west of Boundary Road within the municipal road allowance. The Enbridge Gas representative advised that the Stage 2 AA will be taking place in Spring 2023		
1.11	January 10, 2022	Email	An Enbridge Gas representative emailed the AOO representative to follow up on the AOO's expectations regarding engagement on archaeology.		

**Table F-2: Mohawk Council of Akwesasne (MCA)**

Line Item	Date	Method	Summary of Enbridge Gas Inc. ("Enbridge Gas") Engagement Activity	Summary of Community's Engagement Activity	Issues or Concerns raised and how addressed by Enbridge Gas
2.0	November 2, 2022	Email	<p>An Enbridge Gas representative emailed the MCA representative providing a Project Notice letter for the Project that was initially initiated in 2019, which was then deferred and has now since been re-started. The letter provided an overview of the proposed Project, a list of potential authorizations required, and contact information for the Ministry of Energy. The letter advised an Environmental Study of construction, operation activities and the AA have been completed and was provided to the Nation's January 16, 2020. The Enbridge Gas representative also noted that the additional stage 2 AA work is planned for 2023 and further details will be provided. The letter requested community feedback on the proposed Project to avoid, minimize or mitigate potential adverse impacts on Aboriginal or Treaty rights. The Enbridge Gas representative noted capacity funding was available.</p>		
2.1	January 10, 2022	Email	<p>An Enbridge Gas representative emailed the MCA representative to follow up on the November 2, 2022, email regarding the re-initiation of the Project. The Enbridge Gas representative asked if the MCA representative had any comments to provide regarding the Project and if they needed any further clarification to set up a virtual meeting.</p>		

## Appendix G

### Natural Environment Review and Photo Log

# Memo



**Date:** January 12, 2023  
**Subject:** Natural Environment Review for the Enbridge Gas Inc. 5371 Boundary Road Pipeline Project  
**Our File:** 22-4863

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## Introduction

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This Natural Environment Review forms part of the Environmental Report (ER) Update for the Enbridge Gas Inc. (Enbridge Gas) 5371 Boundary Road Pipeline Project (the Project).

The purpose of this memo is to summarize the results of a natural environment background review and field investigation conducted by Dillon Consulting Limited (Dillon) to document changes in the natural and built environment within the Study Area (a 100 metre buffer from each side of the proposed pipeline route) since the ER was completed in 2020 by GHD Ltd. (GHD). The results of this memo were used to inform the cumulative effects assessment in the ER Update.

## Approach

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The following subsections outline the approach taken for the natural environment background review and field investigation.

## Background Review

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In Appendix A of the ER (GHD 2020), GHD provided a Natural Environment Review that consisted of a desktop screening of natural environment conditions within a 50 metre buffer from each side of the proposed pipeline routes. However, GHD considered a 100 metre buffer from each side of the proposed pipeline routes as the defined Study Area for the effects assessment. For consistency with the effects assessment boundaries, Dillon completed the background review in this memo within the larger Study Area (see figure in **Attachment A**).

The ER (GHD 2020) was reviewed to understand the previously reported state of the built and natural environments within the Study Area, as well as any previously

identified natural heritage features, species at risk (SAR) and species of conservation concern (SCC) identified with the potential to occur within the Study Area. Following review of the ER, a desktop background review of relevant information was conducted to re-screen the potential for natural heritage features, SAR and SCC to occur within the Study Area.

The background review included the following sources:

- ER (GHD 2020)
- Ministry of the Environment, Conservation and Parks (MECP)
- MECP’s SAR by Area Online Mapping Tool
- Ministry of Natural Resources and Forestry (MNRF) Natural Heritage Information Centre (NHIC):
  - Biodiversity Explorer Database (MNRF 2022)
  - Ontario Herpetofaunal Atlas (MNRF 2022)
- MNRF’s Land Information Ontario (LIO) Database
- Ontario Natural Resource Management Reference Application
- Various wildlife atlases, including:
  - Ontario Breeding Bird Atlas (Square #18VR61)
  - Ontario Butterfly Atlas (Square #18VR61)
  - Ontario Reptile and Amphibian Atlas (Ontario Nature 2022)
  - Ontario Odonata Atlas
  - Atlas of the Mammals of Ontario (Patterson et. al. 2007)

The desktop background review also included an examination of available past and current aerial imagery to identify areas of potential environmental change between 2019/2020 and 2022.

### **Field Investigation**

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In addition to the desktop Study Area, a “Project footprint” consisting of a 30-metre buffer on each side of the pipeline route (for a total width of 60 metres) was assessed in this background review (see figure in **Attachment A**). The Project footprint is the area where potential adverse effects on directly-affected Indigenous communities, stakeholders and landowners are considered, as this encompasses the pipeline right-of-

way, as well as potential temporary workspace required to accommodate pipeline construction. Dillon completed a field investigation on September 16, 2022, with a targeted focus on the Project footprint of the Preferred Route.

The field investigation consisted of a site reconnaissance visit to confirm existing conditions and document changes to the natural and built environment compared to the existing conditions described in the ER (GHD 2020). Field observations were limited to publicly accessible areas, such as the municipal road allowance or publicly accessible parking lots, and included the documentation of the following:

- Existing conditions of the built and/or natural environment and notable changes compared to conditions present at the time of the preparation of the ER;
- Documentation of incidental wildlife and wildlife habitat encountered in the field, including visual and auditory wildlife observations, road kill, and indirect wildlife evidence such as scat, tracks, feeding sites, dens, or dams; and,
- Observations of sensitive/rare species, SAR and/or associated habitat encountered within the Study Area.

## Results

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The following subsections summarize the results of the natural environment background review and field investigation.

### Background Review

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Based on a review of available aerial imagery, the north portion of the Study Area is composed of mostly agricultural lands with deciduous woodland and some business/commercial areas. The southern portion of the Study Area was predominantly agricultural fields and rural residential properties. Potential for sensitive natural environment features, SAR, and SAR habitat within the Study Area is likely limited to the deciduous woodland areas.

### Sensitive Environmental Features

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Areas of Natural and Scientific Interest (ANSI) are designated by the MNRF based on the presence of unique natural landscapes or existing features that meet specific criteria as having life or earth science values related to protection, scientific study or education.



Provincially Significant Wetlands (PSW) are wetland areas that receive special protection by the province based on calculated value as determined by the scientifically based Ontario Wetland Evaluation System (OWES). A review of the MNRF LIO geographic database indicates that no ANSIs or PSWs are present within the Study Area; however, unevaluated wetlands occur within the Study Area associated with the woodland areas and several watercourses occur throughout the Study Area as shown on the figure in **Attachment A**. These findings are consistent with those previously identified within the ER (GHD 2020) regarding the existing natural heritage features within and adjacent to the Study Area.

### **Species at Risk and Species of Conservation Concern**

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The SAR and SCC identified in the background review that have the potential to occur within the vicinity of the Study Area based on historical occurrence records are summarized in the tables below.

SCC are defined as species listed as Special Concern, Threatened or Endangered under the federal Species at Risk Act (SARA, 2002), those designated as Special Concern provincially under the Endangered Species Act (ESA, 2007), and those with a provincial Sub-national rank (S-Rank) of S1 to S3. SCC do not include species designated as Threatened or Endangered provincially under the ESA, 2007.

Based on historical occurrence records and a review of habitat features present in the Study Area through aerial imagery interpretation, eleven SAR (**Table 1**) listed as Threatened or Endangered under the ESA, 2007 and five SCC (**Table 2**) have the potential to occur within the Study Area.

**Table 1: SAR with Historical Records in the Vicinity of the Study Area**

Species Type	Scientific Name	Common Name	SARA Status <sup>1</sup>	ESA Status <sup>2</sup>	S-Rank <sup>3</sup>	Source <sup>4</sup>	Habitat Requirements <sup>5,6</sup>	Potential for Habitat and Impacts to Species within the Project Footprint
Birds	<i>Hirundo rustica</i>	Barn Swallow	THR	THR	S4B	OBBA	Barn Swallow often live in close association with humans, building their cup-shaped mud nests almost exclusively on human-made structures such as open barns, under bridges and in culverts. The species is attracted to open structures that include ledges where they can build their nests, which are often re-used from year to year. They prefer unpainted, rough-cut wood, since the mud does not adhere as well to smooth surfaces.	Suitable habitat may potentially occur within the Project footprint; nesting habitat associated with residential dwellings and a concrete box culvert located approximately 350 metres south of Cooper Hill Road. <b>Potential impacts to this species are not anticipated</b> , as buildings will not be altered or removed as a result of the Project.
Birds	<i>Ixobrychus exilis</i>	Least Bittern	THR	THR	S4B	OBBA	Deep marshes, swamps, bogs; marshy borders of lakes, ponds, streams, ditches; dense emergent vegetation of cattail, bulrush, sedge; nests in cattails; intolerant of loss of habitat and human disturbance.	Suitable habitat was not identified during the 2022 field investigation; large wetlands with a deep interior were not present in the Project footprint. <b>No potential impacts to species are anticipated within the Project footprint.</b>
Birds	<i>Dolichonyx oryzivorus</i>	Bobolink	THR	THR	S4B	OBBA, NHIC	Large, open expansive grasslands with dense ground cover; hayfields, meadows or fallow fields; marshes; requires tracts of grassland > 50 hectares.	Suitable habitat may potentially occur within the Project footprint; nesting habitat associated with agricultural (hay) fields. <b>Potential impacts to this species are not anticipated</b> , as Project activities are not anticipated to encroach into the agricultural fields.
Birds	<i>Sturnella magna</i>	Eastern Meadowlark	THR	THR	S4B	OBBA, NHIC	Open, grassy meadows, farmland, pastures, hayfields or grasslands with elevated singing perches; cultivated land and weedy areas with trees; old orchards with adjacent, open grassy areas > 10 hectares in size.	Suitable habitat may potentially occur within the Project footprint; nesting habitat associated with agricultural (hay) fields. <b>Potential impacts to this species are not anticipated</b> , as Project activities are not anticipated to encroach into the agricultural fields.

<sup>1</sup> Species at Risk Act, 2002 (END = Endangered, THR = Threatened, SC = Special Concern).

<sup>2</sup> Endangered Species Act, 2007 (END = Endangered, THR = Threatened, SC = Special Concern).

<sup>3</sup> Provincial Sub-national Rank (S2 = Imperiled, S3 = Vulnerable, S4 = Apparently Secure; N = Non-Breeding Status, B = Breeding Status).

<sup>4</sup> Sources: MECP = Ministry of Environment, Conservation and Parks; MWH = Digital Distribution Maps of the Mammals of the Western Hemisphere, v 3.0; NHIC = MNRF Natural Heritage Information Centre; OBA = Ontario Butterfly Atlas; OBBA = Ontario Breeding Bird Atlas; ON = Ontario Nature; TOC = Trees of Canada.

<sup>5</sup> MNRF Significant Wildlife Technical Guide - Appendix G (2000) and MECP SAR Website.

<sup>6</sup> Ontario Nature Reptile and Amphibian Atlas Species Descriptions.

Species Type	Scientific Name	Common Name	SARA Status <sup>1</sup>	ESA Status <sup>2</sup>	S-Rank <sup>3</sup>	Source <sup>4</sup>	Habitat Requirements <sup>5,6</sup>	Potential for Habitat and Impacts to Species within the Project Footprint
Herptiles	<i>Emydoidea blandingii</i>	Blanding's Turtle	THR	THR	S3	ON	Shallow water marshes, bogs, ponds or swamps, or coves in larger lakes with soft muddy bottoms and aquatic vegetation; basks on logs, stumps, or banks; surrounding natural habitat is important in summer as they frequently move from aquatic habitat to terrestrial habitats; hibernates in bogs; not readily observed.	Suitable habitat may potentially occur within the Project footprint; nesting and overwintering habitat may occur within the unevaluated wetland areas in the Project footprint. <b>Potential impacts to this species are not anticipated,</b> as Project activities are not anticipated to encroach into unevaluated wetlands.
Mammals	<i>Myotis leibii</i>	Eastern Small-footed Myotis	Not Listed	END	S2S3	MWH	Roosts in caves, mine shafts, crevices or buildings that are in or near woodland; hibernates in cold dry caves or mines; maternity colonies in caves or buildings; hunts in forests.	Suitable habitat may potentially occur within the Project footprint; roosting habitat may occur within the woodland areas in the Project footprint. <b>Potential impacts to this species are not anticipated,</b> as no tree removal is proposed and Project activities are not anticipated to encroach into woodland areas.
Mammals	<i>Myotis lucifugus</i>	Little Brown Myotis	END	END	S4	MWH	Uses caves, quarries, tunnels, hollow trees or buildings for roosting; winters in humid caves; maternity sites in dark warm areas such as attics and barns; feeds primarily in wetlands, forest edges.	Suitable habitat may potentially occur within the Project footprint; roosting habitat may occur within the woodland areas in the Project footprint. <b>Potential impacts to this species are not anticipated,</b> as no tree removal is proposed and Project activities are not anticipated to encroach into woodland areas.
Mammals	<i>Myotis septentrionalis</i>	Northern Myotis	END	END	S3	MWH	Hibernates during winter in mines or caves; during summer males roost alone and females form maternity colonies of up to 60 adults; roosts in houses, manmade structures but prefers hollow trees or under loose bark; hunts within forests, below canopy.	Suitable habitat may potentially occur within the Project footprint; roosting habitat may occur within the woodland areas in the Project footprint. <b>Potential impacts to this species are not anticipated,</b> as no tree removal is proposed and Project activities are not anticipated to encroach into woodland areas.
Mammals	<i>Pipistrellus subflavus</i>	Tri-colored Bat	END	END	S3	MWH	Found in a variety of forested habitats. They form day roosts and maternity colonies in older forest and occasionally in barns or other structures, and overwinter in caves. They forage over water and along streams in the forest.	Suitable habitat may potentially occur within the Project footprint; roosting habitat may occur within the woodland areas in the Project footprint. <b>Potential impacts to this species are not anticipated,</b> as no tree removal is proposed and Project activities are not anticipated to encroach into woodland areas.

Species Type	Scientific Name	Common Name	SARA Status <sup>1</sup>	ESA Status <sup>2</sup>	S-Rank <sup>3</sup>	Source <sup>4</sup>	Habitat Requirements <sup>5,6</sup>	Potential for Habitat and Impacts to Species within the Project Footprint
Vascular Plants	<i>Fraxinus nigra</i>	Black Ash	Not Listed	END	S4	TOC	Wetland species that is often found in floodplains, swamps and fens. Common throughout Southern Ontario.	Suitable habitat may potentially occur within the woodland areas of the Project footprint.  <b>Potential impacts to this species are not anticipated</b> , as no tree removal is proposed and Project activities are not anticipated to encroach into woodland areas.
Vascular Plants	<i>Juglans cinerea</i>	Butternut	END	END	S3	TOC	Found along forest edges and openings. Prefers well-drained, moist sites. Often found along river edges.	Suitable habitat may potentially occur within the woodland or riparian areas of the Project footprint, in addition to roadside habitats.  <b>Potential impacts to this species may occur</b> as potential suitable habitat and associated critical root zones for this species may overlap with Project activities.

**Table 2: SCC with the Potential to Occur within the Study Area**

Species Type	Scientific Name	Common Name	SARA Status <sup>1</sup>	ESA Status <sup>2</sup>	S-Rank <sup>3</sup>	Source <sup>4</sup>	Habitat Requirements <sup>5,6</sup>	Potential for Habitat and Impacts to Species within the Project Footprint
Birds	<i>Hylocichla mustelina</i>	Wood Thrush	THR	SC	S4B	OBBA, NHIC	Carolinian and Great Lakes-St. Lawrence forest zones; undisturbed moist mature deciduous or mixed forest with deciduous sapling growth; near pond or swamp; hardwood forest edges; must have some trees higher than 12 metres.	Suitable habitat may potentially occur within the woodland areas of the Project footprint. <b>Potential impacts to this species are not anticipated</b> , as no tree removal is proposed and Project activities are not anticipated to encroach into woodland areas.
Birds	<i>Contopus virens</i>	Eastern Wood-pewee	SC	SC	S4B	OBBA	Lives in the mid-canopy layer of forest clearings and edges of deciduous and mixed forests. It is most abundant in intermediate-age mature forest stands with little understory vegetation.	Suitable habitat may potentially occur within the woodland areas of the Project footprint. <b>Potential impacts to this species are not anticipated</b> , as no tree removal is proposed and Project activities are not anticipated to encroach into woodland areas.
Lepidoptera	<i>Danaus plexippus</i>	Monarch	SC	SC	S2N, S4B	OBA	In Canada, Monarchs are most abundant in southern Ontario and Quebec where milkweed plants and breeding habitat are widespread. Monarch caterpillars feed exclusively on milkweed plants ( <i>Asclepias</i> spp.) and the breeding habitat is confined to places where milkweeds grow. Common milkweeds used by Monarchs in Ontario are Common Milkweed and Swamp Milkweed.	Suitable habitat may potentially occur within the Project footprint; milkweed plants may be present in the meadow areas of the larger Study Area. <b>Potential impacts to this species are not anticipated</b> , as Project activities are not anticipated to encroach into meadow areas.
Herptiles	<i>Chelydra serpentina</i>	Snapping Turtle	SC	SC	S3	ON	Permanent, semi-permanent fresh water; marshes, swamps or bogs; rivers and streams with soft muddy banks or bottoms; often uses soft soil or clean dry sand on south-facing slopes for nest sites; may nest at some distance from water; often hibernate together in groups in mud under water; home range size approx. 28 hectares.	Suitable habitat may potentially occur within the Project footprint; nesting and overwintering habitat may occur within the unevaluated wetland areas in the Project footprint. <b>Potential impacts to this species are not anticipated</b> , as Project activities are not anticipated to encroach into unevaluated wetlands.

<sup>1</sup> Species at Risk Act, 2002 (END = Endangered, THR = Threatened, SC = Special Concern).

<sup>2</sup> Endangered Species Act, 2007 (END = Endangered, THR = Threatened, SC = Special Concern).

<sup>3</sup> Provincial Sub-national Rank (S2 = Imperiled, S3 = Vulnerable, S4 = Apparently Secure; N = Non-Breeding Status, B = Breeding Status).

<sup>4</sup> Sources: MECP = Ministry of Environment, Conservation and Parks; MWH = Digital Distribution Maps of the Mammals of the Western Hemisphere, v 3.0; NHIC = MNRF Natural Heritage Information Centre; OBA = Ontario Butterfly Atlas; OBBA = Ontario Breeding Bird Atlas; ON = Ontario Nature; TOC = Trees of Canada.

<sup>5</sup> MNRF Significant Wildlife Technical Guide - Appendix G (2000) and MECP SAR Website.

<sup>6</sup> Ontario Nature Reptile and Amphibian Atlas Species Descriptions.

Species Type	Scientific Name	Common Name	SARA Status <sup>1</sup>	ESA Status <sup>2</sup>	S-Rank <sup>3</sup>	Source <sup>4</sup>	Habitat Requirements <sup>5,6</sup>	Potential for Habitat and Impacts to Species within the Project Footprint
Herptiles	<i>Thamnophis sauritus</i>	Eastern Ribbonsnake (Great Lakes population)	SC	SC	S3	ON	Sunny grassy areas with low dense vegetation near bodies of shallow permanent quiet water; wet meadows, grassy marshes or sphagnum bogs; borders of ponds, lakes or streams; hibernates in groups.	<p>Suitable habitat may potentially occur within the Project footprint; natural areas adjacent to shallow permanent waterbodies such as vernal pools, watercourses and unevaluated wetland areas.</p> <p><b>Potential impacts to this species are not anticipated</b>, as Project activities are not anticipated to encroach into natural areas and wetlands.</p>

The SAR and SCC species and potential wildlife habitat identified by Dillon with the potential to occur within the Study Area were generally consistent with those species and wildlife habitat identified in the ER (GHD 2020). There were two species, Bald Eagle (*Haliaeetus leucocephalus*) and Bank Swallow (*Riparia riparia*), identified in the ER with potential to occur in the Study Area, but Dillon did not identify suitable habitat during our review, and as such, these species were not included in the tables above.

The following species were identified as part of Dillon's background review, but were not included in the ER:

- Black Ash (*Fraxinus nigra*)
- Eastern Ribbonsnake (Great Lakes population) (*Thamnophis sauritus*)
- Least Bittern (*Ixobrychus exilis*)

Black Ash may be found within wet areas and/or low-lying depressions that may occur within the unevaluated wetland and deciduous woodland areas that occur within the Study Area. Eastern Ribbonsnake is a habitat generalist with a preference for shallow permanent waterbodies with sunny openings and may be found throughout the Study Area near waterbodies and watercourses. Least Bittern may be found within the interior of the deciduous woodland areas that overlap with the unevaluated wetland areas.

It should be noted that the MECP has temporarily suspended protections for Black Ash starting in January 2022 when the species was added to the Species at Risk in Ontario (SARO) list for a period of two years until January 2024; during this time, proponents do not need to seek authorizations for activities that impact Black Ash and its habitat.

### **Field Investigation**

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Changes in land use compared to conditions at the time the ER was written were noted within the Study Area based on a review of past and current available aerial imagery. Changes observed include woodland removal and business and commercial development, primarily concentrated within the northern portion of the Study Area in proximity to Highway 417. These areas were further investigated during the field visit.

### **Land Use Changes**

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The removal of woodland areas and increased development in the Study Area have resulted in the reduction of natural environment areas that could provide potential SAR,

SCC, and general wildlife habitat within the Study Area. The southern portions of the Study Area remain generally unchanged and were confirmed to be a combination of agricultural fields and rural residential properties. The location of the proposed District Station, within the southern extent of the Study Area, is adjacent to an agricultural field being cultivated for annual row crops. **Table 3** provides additional details on locations within the Study Area that have undergone natural and built land use changes with representative photos provided in Error! No text of specified style in document.. The locations of site identifiers referenced in **Table 3** are shown on the figure in Error! No text of specified style in document.

**Table 3: Detailed Observations of Land Use Changes within the Study Area**

<b>Site ID</b>	<b>Photo ID</b>	<b>Approx. Location/Civic Address</b>	<b>Changes to the Built Environment</b>	<b>Changes to the Natural Environment</b>
1	01	5225 Boundary Road	New Amazon warehouse facility built.	Minimal change to natural environment as site was being developed during the preparation of the ER.
2	02	5368 Boundary Road	Not applicable.	Woodland area removed. Past aerial imagery indicates mid-successional deciduous forest existed previously at the site.
3	03	Bordering Petro Canada to the south	Restaurant removed. Gravel parking lot still present.	Not applicable.
4	04	5329 Boundary Road	Car dealership and/or scrapyard that had vehicles present is now vacant and two buildings have been removed.	Minimal change in current land use. Potential for land use change in the future if development is to occur.



<b>Site ID</b>	<b>Photo ID</b>	<b>Approx. Location/Civic Address</b>	<b>Changes to the Built Environment</b>	<b>Changes to the Natural Environment</b>
5	05	5393 Boundary Road	Parking lot was removed. Now vacant lot.	Minimal change to the natural environment. Some early successional vegetation was observed.
6	06, 07, 08	East side of Boundary Road. Directly north of Mitch Owens Road to directly north of Cooper Hill Road.	Not applicable.	A considerable amount of woodland and unevaluated wetland areas adjacent to and east of Boundary Road have been removed in the last few months and includes: <ul style="list-style-type: none"> <li>• An approximately 1.3 kilometre, 20 metre wide area of woodland north and south of Devine Road; and</li> <li>• An approximately 1.2 kilometre, 20 metre wide area of woodland north of the intersection of Boundary Road and Cooper Hill Road.</li> </ul>
7	09	9460 Mitch Owens Road	New commercial semi-truck facility.	Removal of woodland and unevaluated wetland areas.
8	10	5495 Boundary Road	Gas Station documented in ER is closed. Building remains.	Minimal change to natural environment.

Site ID	Photo ID	Approx. Location/Civic Address	Changes to the Built Environment	Changes to the Natural Environment
9	11	5494, 5500, 5510 Boundary Road	Potential new land development. Signage indicating an application to construct a semi-truck terminal and warehouse.	Potential future removal of a large area of woodland and unevaluated wetland.
10	12	145 Entrepreneur Crescent	Parking lot size increase.	Minimal loss of greenspace/vegetation.
11	13	15 Tradesman Road	Construction site/active development.	Minimal change to natural environment as site was being developed at the time of the ER.

### Incidental SAR Observations

Based on Dillon’s other recent project experience and knowledge of the Study Area, Butternut (*Juglans cinerea*) is known to occur east of Boundary Road and approximately 1.6 kilometres north of the intersection of Boundary Road and County Road 100. Additionally, two occurrences were confirmed by Dillon biologists (as shown on the figure in **Attachment A**). To avoid impacts to Butternut and associated critical root zones, it is recommended that following detailed design, the Project footprint is screened by a qualified professional to identify and assess any Butternut that may be impacted by Project activities.

### Summary and Conclusion

The results of Dillon’s natural environment background review and field investigation indicate that the Study Area has become more developed and has experienced a reduction in overall natural environment areas since the preparation of the ER in 2019/2020, specifically within the northern portion of the Study Area near Highway 417. Many of the changes to the built environment have taken place in previously impacted areas, where the initial stages of construction projects were already initiated in

2019/2020. The most notable changes to the natural environment include the 20-metre wide corridors of woodland east of, and adjacent to, Boundary Road that have been removed this past summer (Site ID #6). The southern portion of the Study Area has remained generally unchanged since the preparation of the ER, where rural residential and agricultural fields are predominant. Overall, the existing natural heritage features identified as occurring within the Study Area are consistent with those identified in the ER, including SCC and SAR with the potential to occur. One SAR and one SCC were identified in the ER but were removed as potentially occurring within the Study Area for a lack of suitable potential habitat and three additional SAR and SCC were added for consideration as a result of Dillon's review. Further, based on Dillon's knowledge in the area, Butternut has known occurrences in the Study Area, with two individuals observed in the Project footprint. To avoid impacts to Butternut and the associated critical root zone, it is recommended that the Project footprint is screened by a qualified professional prior to construction to identify and assess any Butternut that may be impacted by Project activities. Currently, Project activities are proposed to be limited to the previously-disturbed municipal road right-of-way and in areas outside of potentially sensitive environment features (for example, woodlands and wetlands). As such, it is anticipated that with the implementation of mitigation measures, impacts to existing natural environment features and potential SAR and SCC habitat in the Project footprint are not anticipated as a result of the Project.

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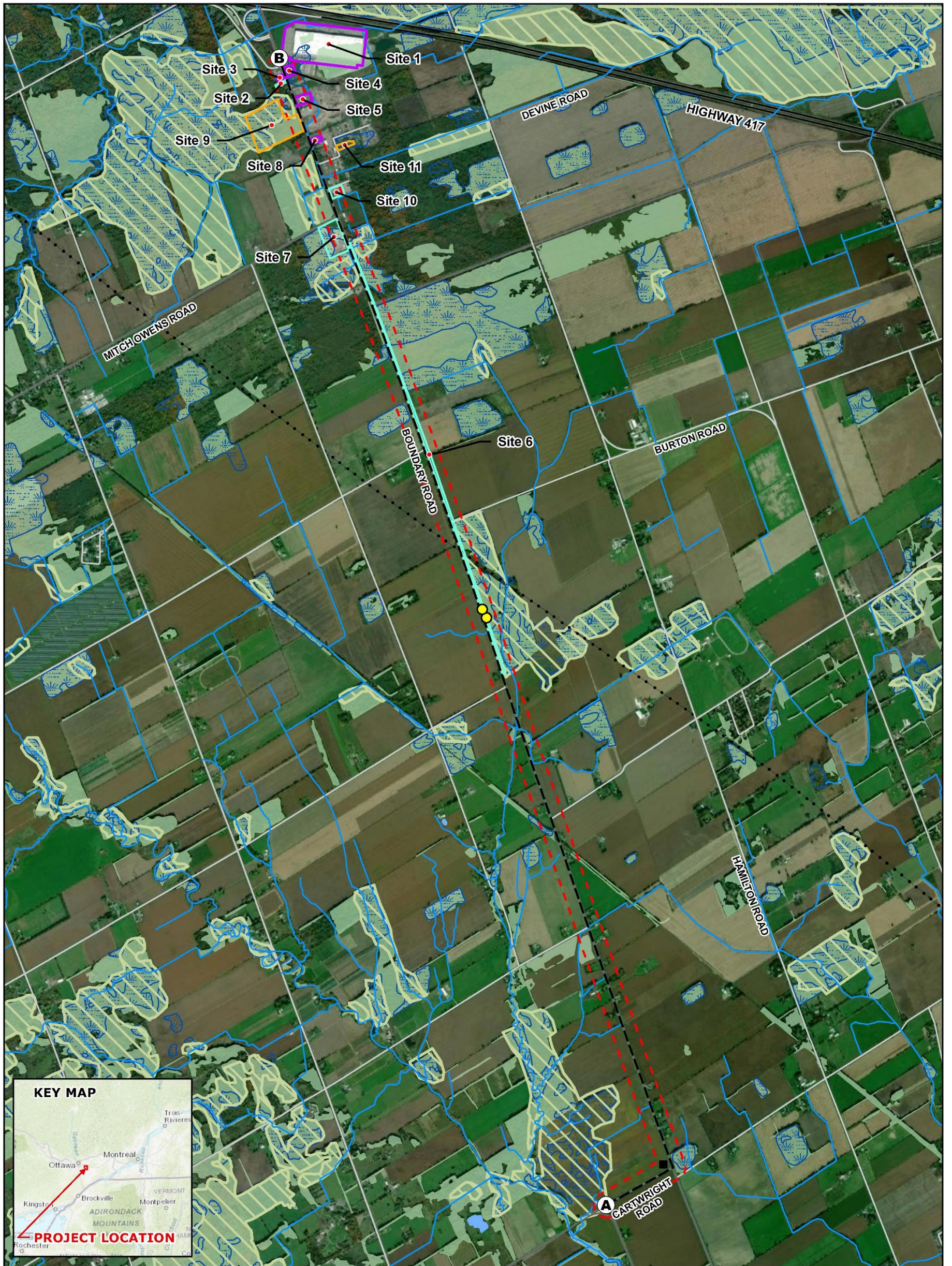
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# Attachment A

Figure



**BOUNDARY ROAD ENVIRONMENTAL REVIEW UPDATE**

Enbridge Gas Inc.

- |                     |                                   |   |                             |
|---------------------|-----------------------------------|---|-----------------------------|
| ● SAR Butternut     | ▭ Changes to Built Environment    | --- Hydro Line                          | ▭ Waterbody                 |
| ● Site Identifier   | ▭ Future Changes to Environment   | ▭ Significant Ecological Area (2020 ER) | Ⓐ Starting Point            |
| --- Preferred Route | ▭ Loss of Vegetation/ Wooded Area | ▭ Wooded Area                           | Ⓑ Termination Point         |
| ▭ Watercourse       | ▭ Preferred Route Buffer (100m)   | ▭ Unevaluated Wetland                   | ■ Proposed District Station |

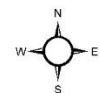
**EXISTING NATURAL HERITAGE FEATURES AND LAND USE AND NATURAL ENVIRONMENT OBSERVATIONS**

FIGURE 1



MAP DRAWING INFORMATION:  
DATA PROVIDED BY Enbridge, MNR

MAP CREATED BY: SCM  
MAP CHECKED BY: CB  
MAP PROJECTION: NAD 1983 CSRS UTM Zone 18N



SCALE 1:28,500



PROJECT: 224863  
STATUS: DRAFT  
DATE: 2022-12-13

# **Attachment B**

## **Photo Log**



**Photo Description    Photo**

**Photo 01**

**September 16,  
2022**

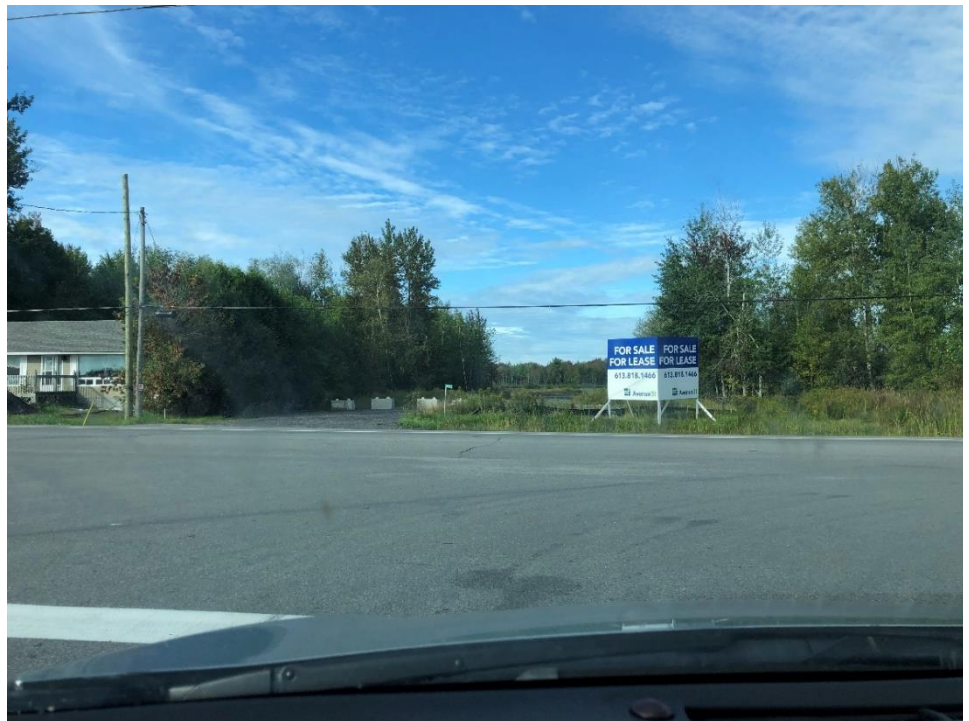
Facing east at Site 1  
from west side of  
Boundary Road



**Photo 02**

**September 16,  
2022**

Facing west at Site  
2 from Boundary  
Road



**Photo Description    Photo**

**Photo 03**

**September 16,  
2022**

Facing west  
towards Site 3 from  
Boundary Road



**Photo 04**

**September 16,  
2022**

Facing east at Site 4  
from Boundary  
Road



**Photo Description    Photo**

**Photo 05**

**September 16,  
2022**

Facing east at Site 5  
from Boundary  
Road



**Photo 06**

**September 16,  
2022**

Facing south at  
northern extent of  
Site 6 from east  
side of Boundary  
Road



**Photo Description    Photo**

**Photo 07**

**September 16,  
2022**

Facing south at Site  
6 from south side  
of Devine Road



**Photo 08**

**September 16,  
2022**

Looking north at  
southern extent of  
Site 6 north of  
Cooper Hill Road



**Photo Description    Photo**

**Photo 09**

**September 16,  
2022**

Looking west at  
Site 7 from east  
side of Boundary  
Road



**Photo 10**

**September 16,  
2022**

Looking northeast  
at Site 8 from east  
side of Boundary  
Road



**Photo Description    Photo**

**Photo 11**

**September 16,  
2022**

Applicant's site  
proposal for future  
development



**Photo 12**

**September 16,  
2022**

Looking south at  
Site 10 from  
Entrepreneur  
Crescent



**Photo Description Photo**

**Photo 13**

**September 16,  
2022**

Looking east at Site  
11 from Tradesman  
Road



**Photo 14**

**September 16,  
2022**

From Proposed  
District Station  
location; looking  
south from the  
intersection of  
Cartwright Road  
and Boundary Road



**Photo Description    Photo**

**Photo 15**

**September 16,  
2022**

From Proposed  
District Station  
location; looking  
north from the  
intersection of  
Cartwright Road  
and Boundary Road



**Photo 16**

**September 16,  
2022**

Proposed District  
Station location;  
looking west from  
Boundary Road  
towards Cartwright  
Road (Road Closed)





**Photo Description    Photo**

**Photo 17**

**September 16,  
2022**

From Proposed  
District Station  
Location looking  
east from the  
intersection of  
Cartwright Road  
and Boundary Road

