

# Proposed Mohawks of the Bay of Quinte and Shannonville Community Expansion Project

Virtual Information Session

May 16, 2022 – May 29, 2022



# Welcome!

This Virtual Information Session will be live for 2 weeks from Monday, May 16, 2022 – Sunday, May 29, 2022.



You can provide your input on the project by completing the questionnaire available on the Virtual Information Session website at [www.MBQvirtualinfosession.ca](http://www.MBQvirtualinfosession.ca). Please submit your comments by **June 15, 2022**.



After Sunday, May 29, 2022, this presentation, accompanying video transcript, and the questionnaire will be available for download on the Enbridge Gas website at [www.enbridgegas.com/MBQCommunityEA](http://www.enbridgegas.com/MBQCommunityEA).

# 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. They are 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 our activities.

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

Our goal is to have no workplace incidents and to mitigate, to the extent feasible, impacts on the environment. To achieve this goal, Enbridge Gas will work with our stakeholders, peers, and others to promote responsible environmental practices and continuous improvement.



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

All employees are responsible and accountable for contributing to a safe working environment, for fostering safe working attitudes, and for operating in an environmentally responsible manner.

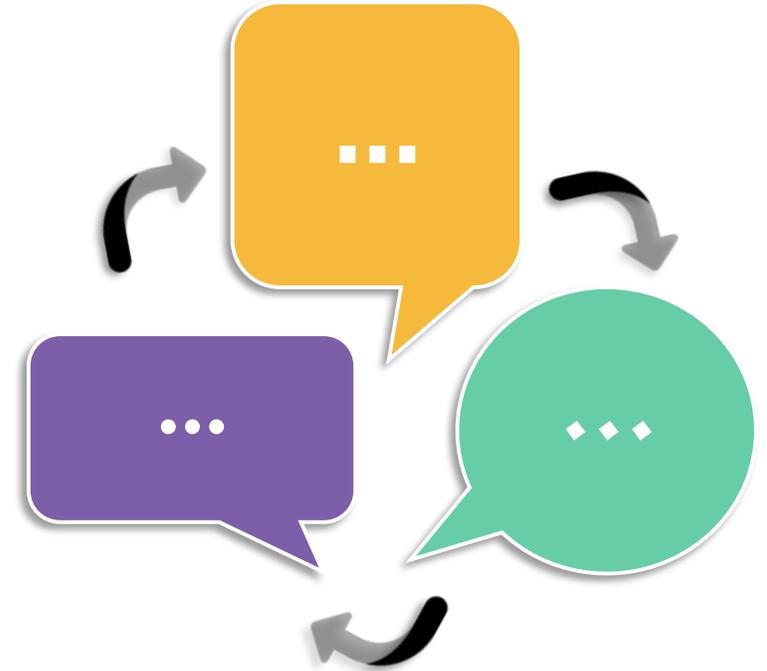
# Land Acknowledgement



The project is located on the traditional lands of the Anishinaabeg (Ah-nish-in-a-beg), Haudenosaunee (Ho-den-no-show-nee), and Huron-Wendat peoples on lands connected with the Crawford Purchase of 1783 and the Simcoe Deed (Treaty 3½). Most recently, the land is home to the Mohawks of the Bay of Quinte within the Tyendinaga Mohawk Territory. This land continues to be home to diverse Indigenous peoples (e.g., First Nations and Métis) whom we recognize as contemporary stewards of the land and vital contributors of our society.

# Purpose of the Virtual Information Session

- ✓ Provide information on the project purpose and illustrate the proposed pipeline route
- ✓ Provide a safe alternative to an in-person meeting
- ✓ Inform landowners, Indigenous communities, municipalities, stakeholders, and regulatory authorities about the project and gather feedback about the assessment of the pipeline route
- ✓ Give everyone the chance to participate during the process of completing the Environmental Report, which will be included in the Ontario Energy Board application
- ✓ 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 Consulting



# 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.

As an important part of the consultation process, we will work with all stakeholders to identify and resolve potential project-related issues.

# Enbridge Inc. Indigenous Peoples Policy

Enbridge Gas follows the Enbridge Inc. (Enbridge) Indigenous Peoples Policy.

Enbridge recognizes the diversity of Indigenous Peoples who live where they work and operate. 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 following principles.

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.

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.

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.

The commitment is a shared responsibility involving Enbridge and its affiliates, employees and contractors. They will conduct business in a manner that reflects the above principles. Enbridge will provide ongoing leadership and resources to effectively implement the above 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.



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.

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.

# Project Overview

Enbridge Gas has identified a preliminary preferred route that will tie-in to an existing 4-inch polyethylene pipeline near the intersection of Wyman Road and York Road in the Tyendinaga Mohawk Territory.

The distribution portion of the Project includes approximately 17 km of polyethylene pipeline ranging in diameter from 2 to 4 inches.

A station rebuild is required to accommodate additional customers onto the distribution system and will be constructed at the intersection of York Road and Highway 49, in the northwest corner.

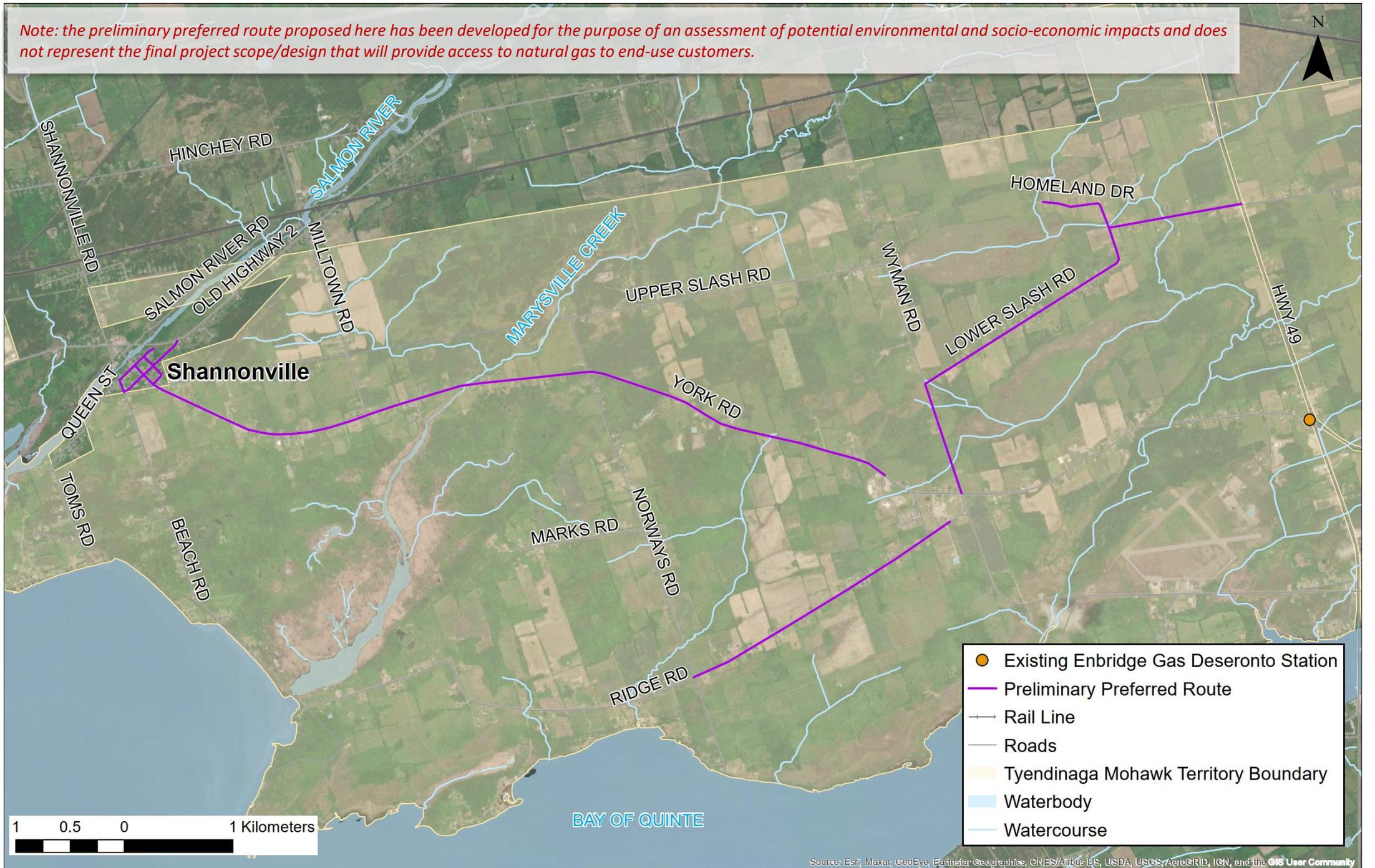


The pipeline will be installed mainly within the existing road allowance with additional temporary working space potentially required for lay-down, storage and excess soils management.



*See the project overview map on the next slide...*

Note: the preliminary preferred route proposed here has been developed for the purpose of an assessment of potential environmental and socio-economic impacts and does not represent the final project scope/design that will provide access to natural gas to end-use customers.



# 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 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 Leave-to-Construct Application for people to participate in the decision-making process.
- ✓ Determines whether a proposed pipeline is in the public interest.

# Environmental Study Process

As part of the planning process, Enbridge Gas has retained Dillon Consulting to undertake an Environmental Study for the project. The Study will fulfill the requirements of the OEB's *Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition*.

The Study will be conducted during the earliest phase of the planning process. As part of the Study, Enbridge Gas and Dillon Consulting will:

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



# Determining the Preliminary Preferred Route

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

The preliminary preferred route, as shown on the project map, follows the existing road allowances and avoids, to the extent possible, environmental and socio-economic features.

Community Expansion projects are based on information submitted by the communities requesting the service as well as Enbridge Gas best practices, such as utilizing existing municipal rights-of-way and information procured through the Environmental Assessment and Consultation process. Based on the information currently available, there are no alternative routes for the Project that would accomplish this goal.



# Consultation and Engagement



Consultation and engagement are key components of the Study.

At the outset of the project, Enbridge Gas submits a Project Description to the Ministry of Energy; upon review, the Ministry of Energy determines potential impacts on Aboriginal or treaty rights and identifies Indigenous communities that Enbridge Gas must consult with during the course of the project (from planning through to construction completion).

The consultation and engagement program that is developed during the Study helps identify and address concerns and issues raised by Indigenous communities and stakeholders, provides information on the project, and allows for participation in the project review and development process.

Input collected during the consultation and engagement program will be used to help finalize the pipeline route and mitigation plans for the project.

# Natural Environment Considerations

A natural environment field survey of the Project Footprint\* is scheduled for May 2022.

\* The Project Footprint is defined as a 30 m buffer on each side of the existing road allowance along the proposed pipeline route.



Based on a preliminary desktop review of aerial imagery, the Project Footprint consists of the following land classifications outside of the existing road allowance:

- Agricultural fields (annual row and perennial cover crops)
- Meadow
- Forest
- Various wetland types (e.g., swamps, marshes)

# Natural Environment Considerations

Species at Risk (SAR) known to occur in the Project area include, but are not limited to, the following:



© Michael Oldham

Blanding's  
Turtle  
(*Emydoidea  
blandingii*)

Eastern  
Meadowlark  
(*Sturnella  
magna*)



© Doris Brookens



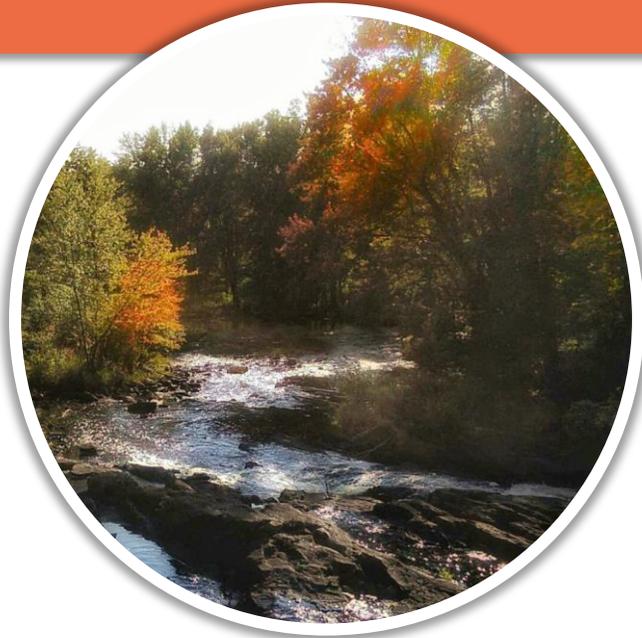
© Barbara Frei

Bobolink  
(*Dolichonyx  
oryzivorus*)

# Natural Environment Considerations

## 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.



## Example 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



- Located in the most southeasterly corner of Hastings County, the Township of Tyendinaga is a rural community that promotes active living and is known for ball diamonds, recreational grounds, trails and programming.
- While mainly agricultural, the area is known as an attractive location for sport fishermen and outdoors people due to its numerous rivers, streams, wetlands, and woodlands.

- The Project is located on the Tyendinaga Mohawk Territory and in the Hamlet of Shannonville, within the Township of Tyendinaga.
- The land within the Tyendinaga Mohawk Territory began as the “Mohawk Tract”, comprised of approx. 92,700 acres on the Bay of Quinte. A deed to this land, known as the Simcoe Deed or Treaty 3½, was executed on April 1, 1793 by Lieutenant Governor John Graves Simcoe. Within a span of 23 years (1820-1843), two-thirds of the treaty land base under the Simcoe Deed was lost as the government made provisions to accommodate settler families. Today, the Mohawks of the Bay of Quinte have approximately 18,000 acres remaining of the original treaty land base and the current membership numbers over 8,000.

# Socio-Economic Considerations

## Potential Effects:

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

## Example 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.



# Archaeology and Cultural Heritage Considerations



- A Stage 1 archaeological assessment and visual inspection of the project area is scheduled for May 2022 to determine which portions of the proposed pipeline route and the adjacent lands retain archaeological potential. Any areas that retain archaeological potential and are planned to be impacted by the project will be recommended for a Stage 2 archaeological assessment to confirm whether there are any sites of Cultural Heritage Value or Interest that must be protected or mitigated.
- The Cultural Heritage Screening found potential heritage properties and features along the pipeline route. Once the preferred route is confirmed, a Cultural Heritage Assessment Report is recommended to further evaluate heritage resources.

# Archaeology and Cultural Heritage Considerations

## Potential Effects:

- Disturbance of previously undiscovered archaeological resources during construction.
- Disturbance of cultural heritage resources during construction.

## Example Mitigation Measures:

- Follow recommendations from the Stage 1 and Stage 2 Archaeological Assessments.
- Implement recommendations in the Cultural Heritage Assessment Report and/or Heritage Impact Assessment to be completed prior to construction.



# 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*



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

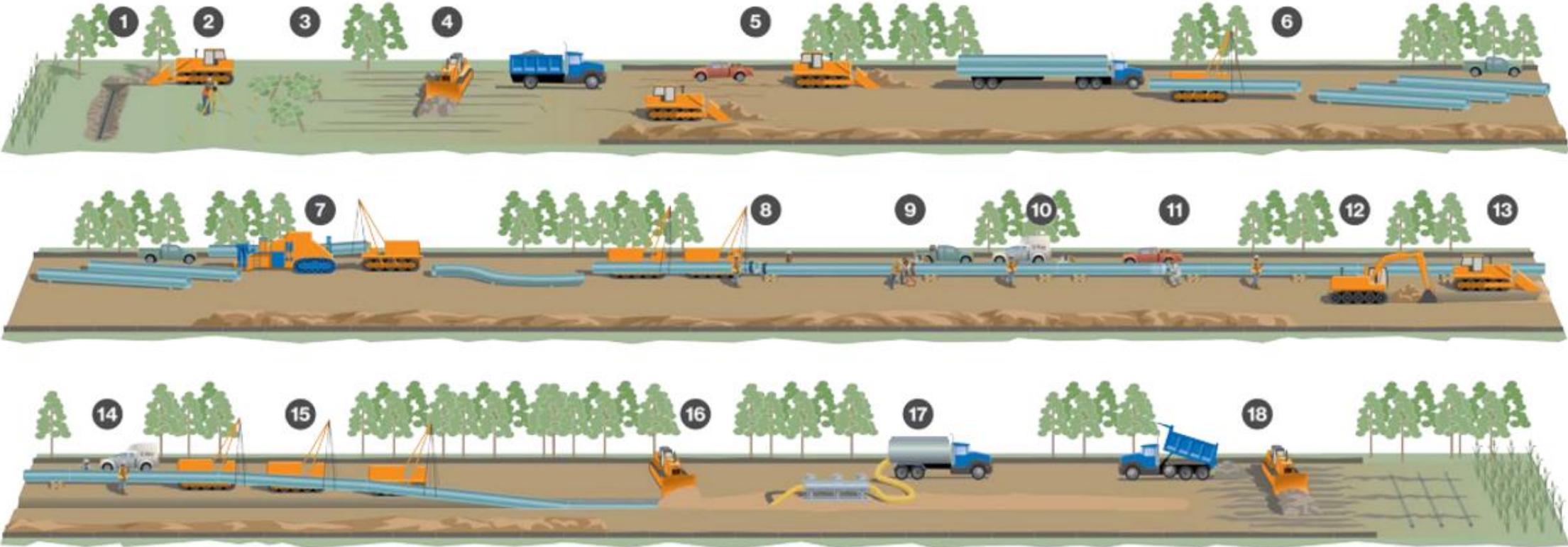
## *Pipeline Safety and Integrity*



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

- ✓ Designing, constructing, and testing our 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 the entire network.
- ✓ Performing regular field surveys to detect leaks and confirm corrosion prevention methods are working as intended.

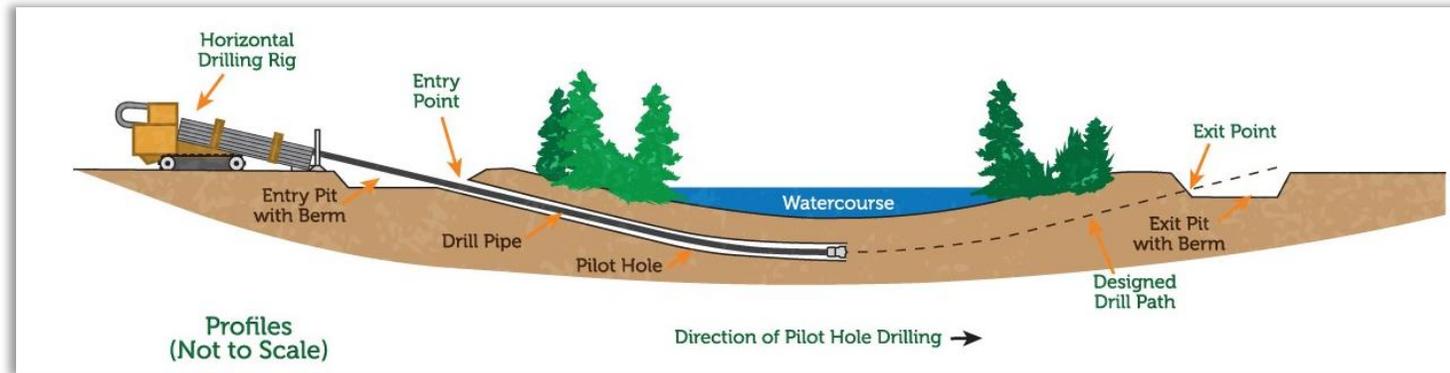
# General Construction Overview



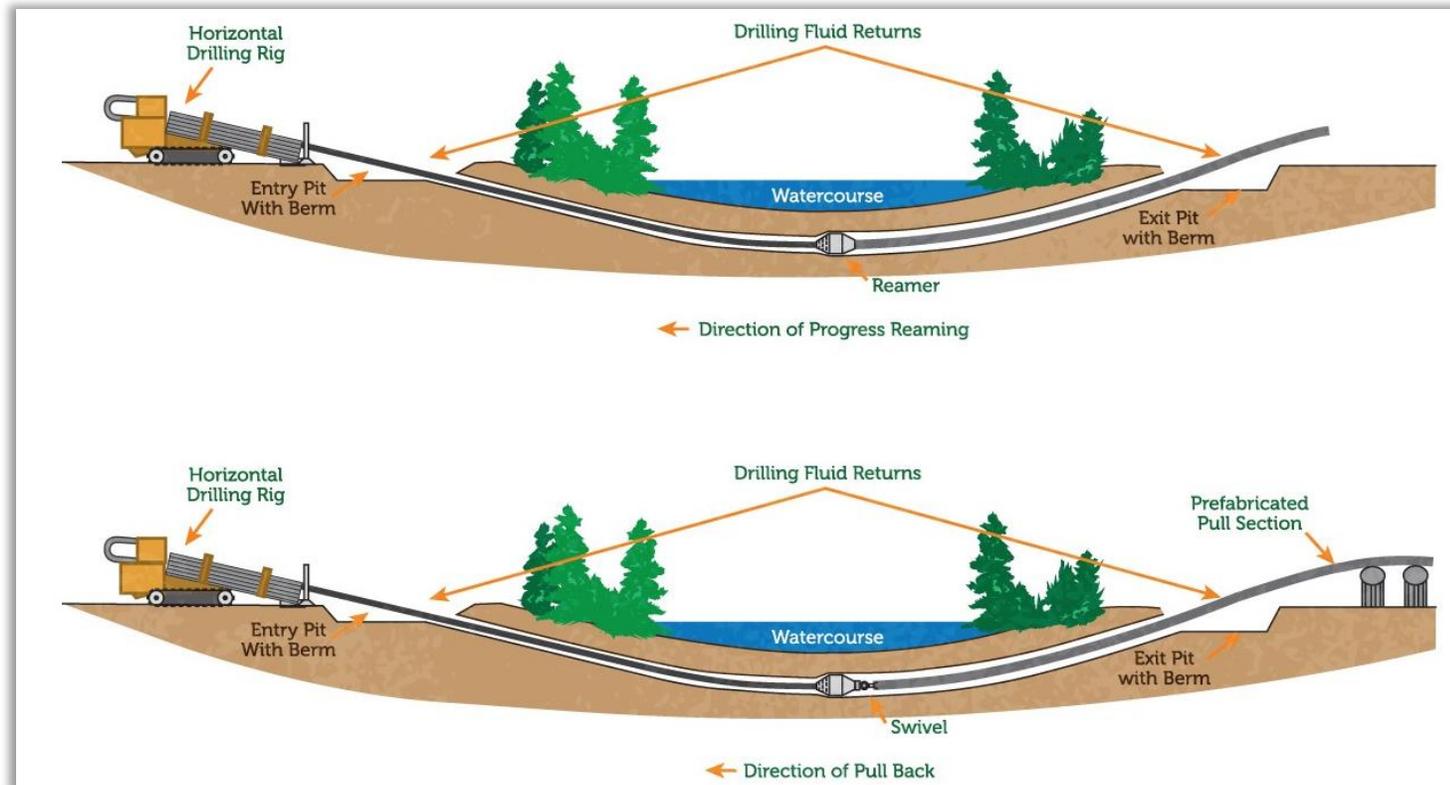
- 1. Pre-construction tiling
- 2. Surveying and staking
- 3. Clearing
- 4. Right-of-way topsoil stripping
- 5. Front-end grading
- 6. Stringing pipe
- 7. Field bending pipe
- 8. Lining-up pipe
- 9. Welding process
- 10. X-ray or ultrasonic inspection, weld repair
- 11. Field coating
- 12. Digging the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

# Horizontal Directional Drilling Overview

Stage 1:  
Pilot Hole  
Directional  
Drilling



Stage 2:  
Reaming and  
Pulling Back



# Example of Pipeline Installation in Road Allowance



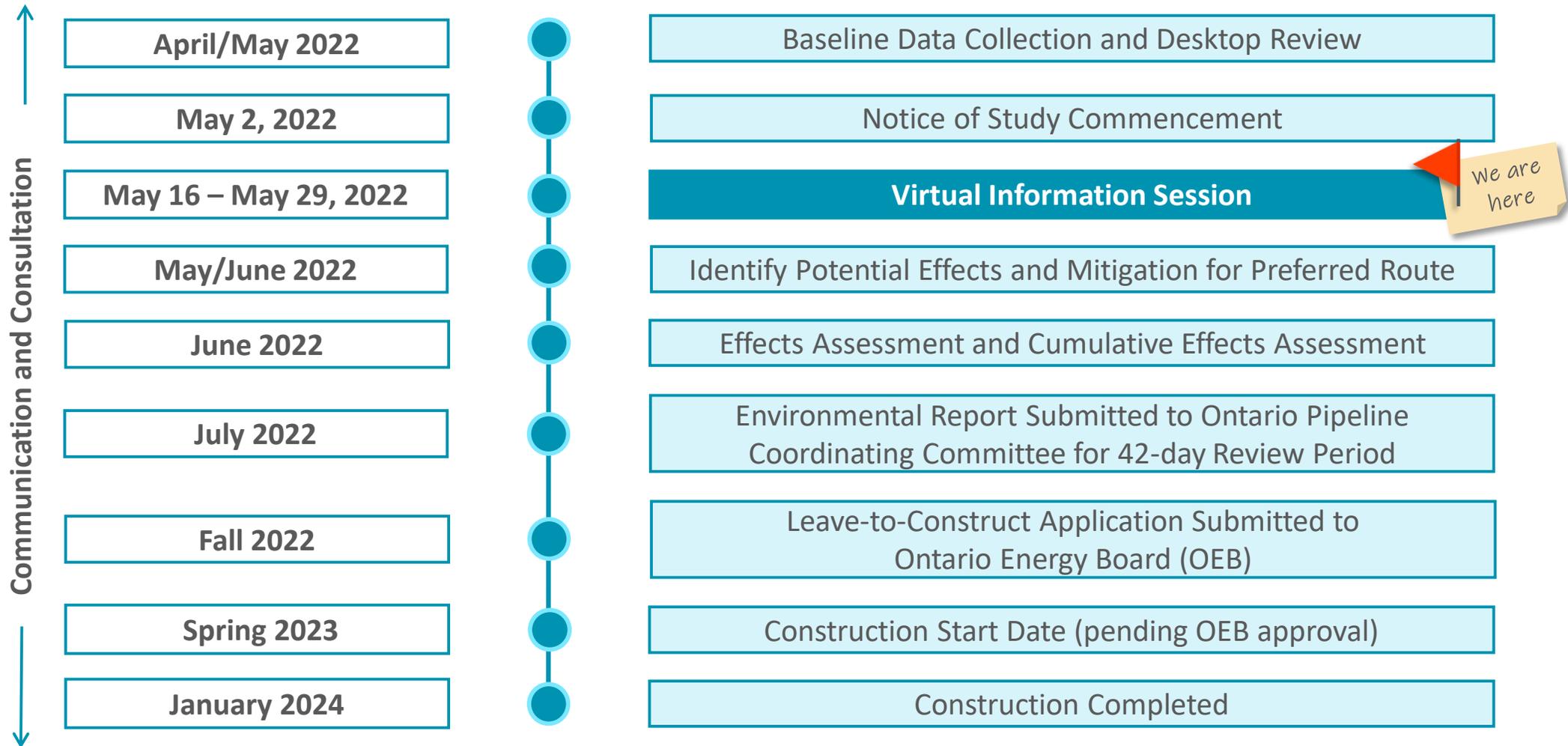
# Mitigation and Monitoring

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 affected communities and landowners so that issues are resolved in a timely manner.

# Environmental Assessment Process and Project Schedule



# 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 OEB 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/MBQCommunityEA](http://www.enbridgegas.com/MBQCommunityEA)



# Thank you for participating in our Virtual Information Session!



We want to hear from you! Please complete the Project questionnaire on the Virtual Information Session website at

[www.MBQvirtualinfosession.ca](http://www.MBQvirtualinfosession.ca)



After Sunday, May 29, 2022, this presentation, accompanying video transcript, and the questionnaire will be available for download on the Enbridge Gas website at

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Please submit your feedback by **June 15, 2022** so it can be considered in the Environmental Report that will be submitted to the Ontario Energy Board.

## Project Contact Information:



[MBQcommunityEA@dillon.ca](mailto:MBQcommunityEA@dillon.ca)



613-745-2213, ext. 3024

# Staying Informed