



# **2025 Waubuno Well Drilling Project**

## **Virtual Public Information Session**

**Thursday, August 29, 2024 to Friday, September 6, 2024**



# Welcome!



This Virtual Public Information Session will be live for one week from **Thursday, August 29, 2024** to **Friday, September 6, 2024**. After **Friday, September 6, 2024**, this presentation, accompanying video transcript, and the comment form will be available for download on the Enbridge Gas website at [www.enbridgegas.com/waubunowellproject](http://www.enbridgegas.com/waubunowellproject).

You can provide your input on the 2025 Waubuno Well Drilling Project by:

- Completing the comment form available on the Virtual Public Information Session website at [www.WaubunoWellDrilling.ca](http://www.WaubunoWellDrilling.ca)
- Visiting the Enbridge Gas project website
- Emailing the project team at [2025waubunowellproject@dillon.ca](mailto:2025waubunowellproject@dillon.ca)

Please submit your comments by **September 23, 2024** for consideration in the Environmental Report (ER) that will be submitted to the Ontario Energy Board.

# Enbridge Gas' Commitment

Enbridge Gas is dedicated to engaging with Indigenous communities, agencies, interest groups, and community members. They commit to providing up-to-date information in an open, honest, and respectful manner while carefully considering input.

With over 3.9 million residential, commercial, and industrial customers, Enbridge Gas is committed to delivering natural gas safely and reliably.

Environmental stewardship is also a top priority for Enbridge Gas, and they conduct their operations in an environmentally responsible manner.



# Enbridge Gas' Engagement with Indigenous Peoples

Enbridge recognizes the diversity of Indigenous peoples who live where we work and operate. We understand that certain laws and policies have had destructive impacts on Indigenous cultures, languages, and the social and economic well-being of Indigenous peoples. We also recognize the importance of reconciliation between Indigenous peoples and broader society. We are committed to building positive and sustainable relationships with Indigenous peoples, based on trust and respect, and focused on finding common goals through open dialogue.

The Indigenous engagement program is based on adherence to the Ontario Energy Board's (OEB) Guidelines and Enbridge Inc.'s company-wide Indigenous Peoples Policy, which Enbridge Gas follows. Enbridge's Indigenous Peoples Policy lays out key principles for establishing relationships with Indigenous groups, including:

- Recognizing the importance of the United Nations Declaration on the Rights of Indigenous peoples in the context of existing Canadian law
- Recognizing the legal and constitutional rights possessed by Indigenous peoples in Canada and the importance of the relationship between Indigenous Peoples and their traditional lands and resources
- Engaging early to achieve meaningful relationships with Indigenous groups by providing timely exchanges of information, understanding and addressing Indigenous project-specific concerns, and ensuring ongoing dialogue regarding its projects, their potential impacts and benefits
- Aligning Enbridge's interests with those of Indigenous communities through meaningful, direct Indigenous economic activity in projects corresponding to community capacity and project needs, where possible

# Purpose of the Information Session

- Provide information on the project purpose and illustrate the proposed construction activities that will occur within the Waubuno Designated Storage Area.
- Consult with Indigenous communities and engage with members of the public and regulatory authorities regarding the proposed project, potential impacts, and proposed mitigation.
- Provide an opportunity for these individuals and affected landowners to review the proposed project, and to ask questions and/or provide comments to representatives from Enbridge Gas and Dillon Consulting.



# Project Overview

- The project will involve the drilling of one new natural gas well and installation of approximately 100 metres of steel natural gas pipeline in the Waubuno Designated Storage Area (DSA), located in St. Clair Township on privately-owned lands.
- The project will start with the construction of a permanent access road and a temporary gravel drilling pad measuring up to 80 metres by 100 metres.
- After the well is drilled, a permanent gravel pad measuring 8 metres by 12 metres will be installed around the well and the new 100-metre pipeline will be installed.
- The project is needed for the safe and reliable delivery of natural gas to existing and future Enbridge Gas customers.

## What is a Designated Storage Area?

DSAs are areas of land designated by the OEB under Section 36.1(1)(a) of the *OEB Act*, which contain geological formations suitable for the storage of natural gas underground.



# Project Distribution System

- Due to geological considerations, no alternative well locations have been considered. The well will be located in the Waubuno Designated Storage Area, which contains geological formations suitable for the storage of natural gas underground.
- The target depth of the storage well will be approximately 640 metres. The well will be situated on a permanent pad measuring 8 metres by 12 metres and a permanent access road will be constructed (measuring approximately 6 metres wide) that will allow for access to and from the well.
- The new natural gas pipeline will be approximately 100 metres in length.



# Environmental Study Process



As part of the planning process, Enbridge Gas has retained Dillon Consulting to undertake an Environmental Study for the project. The Environmental Study will fulfill the requirements of the Ontario Energy Board's Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Projects and Facilities in Ontario, 8th Edition (2023).

The study will:

- Undertake engagement to understand the views of interested and potentially affected parties.
- Consult with Indigenous communities to understand interests and potential impacts.
- Be conducted during the earliest phase of the project.
- 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.



# OEB Review and Approval Process



It is anticipated that the Environmental Report for the study will be completed in December 2024. The Environmental Report will present a summary of the environmental findings of the study, describe land requirements, summarize consultation with Indigenous communities and engagement with agencies, interest groups, and community members on the project, outline safety measures, and provide appropriate measures for impact mitigation and monitoring.

Pending a positive recommendation from the Ontario Energy Board to the Minister of Natural Resources for the issuance of a well drilling licence under section 40 of the *Ontario Energy Board Act*, construction is planned to begin as early as spring 2025.

Additional information about the Ontario Energy Board process can be found online at: [www.oeb.ca](http://www.oeb.ca).

Information on well drilling licence applications can be found on the Ontario Government website.

# Consultation and Engagement



- Consultation and engagement are key components of the Environmental Report.
- At the outset of the project, Enbridge Gas submits a Project Description to the Ministry of Energy and Electrification (MOEE). Upon review, the MOEE determines potential impacts on Aboriginal or treaty rights and identifies Indigenous communities that Enbridge Gas will consult with during the entirety of the project.
- The consultation and engagement program helps identify and address Indigenous community and stakeholder concerns and issues, provides information about the project to the stakeholders, and allows for participation in the project review and development process.
- Input received during the public information session, and from comment forms, and emails submitted to the project inbox will be used to inform the development of mitigation plans for the project.

# Environmental Study Process

Date	Activity
May 17, 2024	Notice of Upcoming Project
June to August 2024	Baseline Data Collection and Desktop Review
August 15, 2024	Notice of Study Commencement
August 29 to September 6, 2024	<b>Virtual Public Information Session</b>
September 23, 2024	Last Day for Public Comments for Inclusion in the Draft Environmental Report
August to September 2024	Identify Potential Effects and Mitigation Measures for Well Drilling Activities
August to September 2024	Effects Assessment and Cumulative Effects Assessment
October 2024	Draft Environmental Report submitted to Ontario Pipeline Coordinating Committee for 42-day Review Period
December 2024	Anticipated date for submission of the Well Drilling Licence Application to the Ministry of Natural Resources and Forestry (MNR)
December 2024	Anticipated date for submission of the Final Environmental Report to Ontario Energy Board
As early as Spring 2025	Potential Construction Start – Early Activities (access road and pad)
April to May 2025	Tentative Well Drilling Start Date (pending receipt of all permits and approvals)
December 2025	Potential Construction Completion Date



# Environment, Health and Safety Policy



## Our Commitment

- Enbridge Gas is committed to protecting the health and safety of all individuals affected by our activities.
- Enbridge Gas will provide a safe and healthy working environment and will not compromise the health and safety of any individual.
- Our goal is to have no incidents and mitigate impacts on the environment by working 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.

# Access and Land Requirements



This project will be constructed on private lands in the Waubuno Designated Storage Area and will require a permanent easement as well as temporary working space during construction.

Enbridge Gas has a comprehensive Landowner Relations Program that uses a dedicated Lands Advisor who would:

- Provide direct contact and liaison between landowners and Enbridge Gas.
- Be available to the landowner during the length of the project and throughout construction activities.
- Act as a singular point of contact for all landowners, and address concerns and questions.
- Address legal matters relating to the temporary use of property, access agreements, permanent easements, and impacts or remedies to property.

# Wellhead Design, Construction and Safety



## Design and Safety

- Enbridge Gas takes many steps to safely and reliably operate their network of natural gas systems and storage facilities, such as:
- Designing, constructing, and testing systems and facilities to meet or exceed requirements set by industry standards and regulatory authorities;
- Ensuring that work is respectful of community activities, regulations, and bylaws;
- Continuously monitoring their network and facilities; and,
- Performing field surveys to detect potential issues and confirm the integrity of the storage facilities.

## Construction

The construction work is temporary. Once the well drilling and pipeline construction activities are complete, areas of temporary disturbance will be restored to as close to pre-construction condition as possible.



# General Construction Overview – Well Drilling Activities

Typical well drilling activities involve drilling with a rotary rig then running casing, and cementing the hole in place from larger to smaller diameters:

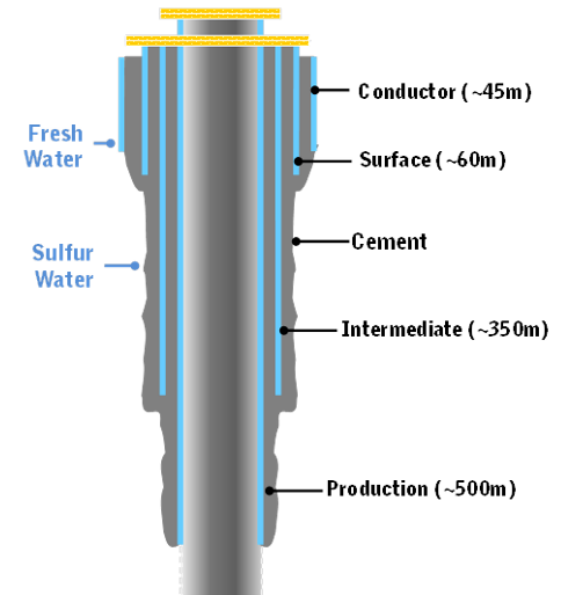
1. Surface Casing (set into bedrock to protect drinking water)
2. Intermediate Casing (isolates storage gas zones)
3. Production Casing (isolates storage gas zones)

The final activity for the well drilling is the installation of a wellhead which meets industry standards.

**Image 1.** Typical Injection – Withdrawal Well Wellhead



**Figure 1.** Typical cross-section of a storage well configuration



# Constructing an Enbridge Gas pipeline

The pipeline construction process includes various procedures.

- **Photo 1:** Shows a typical Enbridge Gas natural gas pipeline. The Waubuno Well Drilling Project will involve the installation of an 8-inch pipeline which will be smaller than the pipeline shown in Photo 1.
- **Photo 2:** Represents a typical trench that is created during the installation process.
- **Photo 3:** Represents the process of backfilling a trench.
- **Photo 4:** Represents final clean-up and restoration. Once the pipeline has been installed, clean-up will involve the restoration of the right-of-way and other work areas.



# Pipeline Design



A 100-metre steel pipeline will be installed for the project. The pipeline is designed to meet and/or exceed the standards of the Canadian Standards Association (Z662 Oil and Gas Pipeline Systems) and of the Technical Standards and Safety Authority (TSSA).

## **Pipeline safety and integrity**

Enbridge Gas takes many steps to maintain the safe, reliable operation of our network of natural gas pipelines, including:

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

# Socio-Economic Features



The project will be located on private lands approximately 650 m southwest of the intersection of Oil Springs Line and Telfer Road, in St. Clair Township, Lambton County. The project is in a rural area and the prominent surrounding land uses include agriculture and natural heritage areas associated with Bear Creek. The project will be constructed on private property within an agricultural field and within the existing municipal road right-of-way.

## Potential effects

- Temporary increases in noise, dust, and air emissions.
- Increased construction traffic volumes.
- Temporary impairment of the use of residential and/or agricultural property.

## Example mitigation measures

- Provide access across the construction area.
- Develop and implement a Traffic Control Plan.
- Place fencing at appropriate locations for safety.
- Make contact information for a designated Enbridge Gas representative available prior to and throughout construction.
- Implement dust control measures.



# Cultural Heritage Resources



During construction, cultural heritage features such as archaeological finds, and heritage buildings, fences, and landscapes may be encountered. A Stage 1 Archaeological Assessment (AA) and a Cultural Heritage Screening Report (CHSR) have been completed for the project. The CHSR did not identify federally or provincially designated heritage properties, historic sites, buildings, museums, cemeteries, or other properties/ landscapes of heritage interest within the project area. The Stage 1 AA property inspection visually confirmed that portions of the project area consisting of agricultural fields retain archaeological potential. A Stage 2 AA is recommended and is planned for the fall of 2024.

## Potential effects

- Damage or destruction of archaeological or historical resources.

## Example mitigation measures

- Archaeological assessment of the construction footprint, with review and acceptance from the Ministry of Citizenship and Multiculturalism (MCM).
- Cultural heritage assessment (for built heritage features and cultural heritage landscapes) of the construction right-of-way, with review and comment from the MCM.
- Reporting of previously unknown archaeological or historical resources uncovered or suspected of being uncovered during excavation.

# Terrestrial Resources



Natural environment features, such as wildlife habitat and vegetated/wooded areas associated with Bear Creek, located approximately 250 metres west of the project, occur adjacent to the project study area. Preliminary species-at-risk (SAR) habitat assessments, general wildlife assessments, and Ecological Land Classification field studies have been completed. The project will be constructed on private agricultural lands with little to no potential for SAR or SAR habitat. Potential for SAR may occur in natural areas in proximity to the project.

## Potential effects

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

## Example mitigation measures

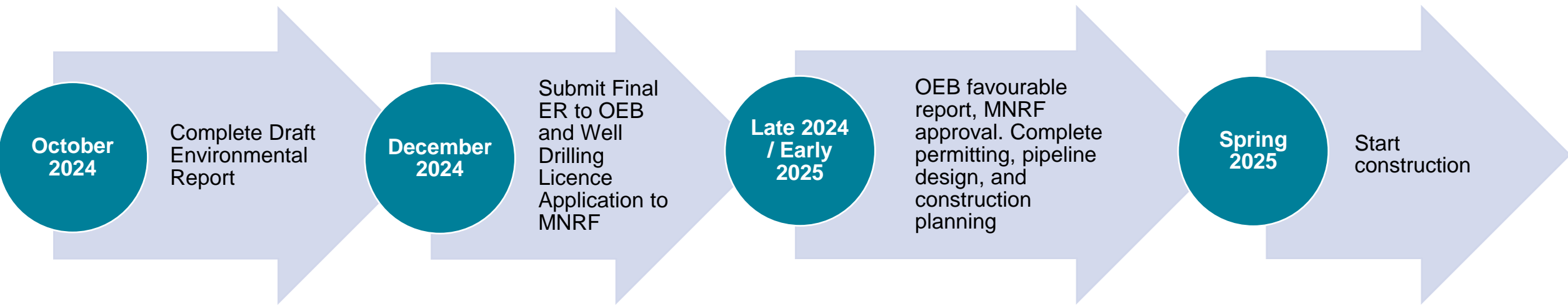
- Conduct surveys in advance of construction to determine potential wildlife and wildlife habitat presence (including SAR).
- Complete tree removal outside of migratory bird windows (typically from April 1 to August 31), to the extent possible.
- The limits of the workspace should be clearly marked to avoid encroachment into adjacent natural environment areas.
- Restore and seed disturbed areas to establish habitat and reduce erosion, if required.
- Secure necessary permits and follow conditions of approval.



# Next Steps



After this Virtual Public Information Session, Enbridge Gas intends to pursue the following schedule of activities:



# Thank you!

On behalf of the project team, thank you for attending the presentation. Please complete a Comment Form by September 23, 2024, or send an email to [2025WaubunoWellProject@dillon.ca](mailto:2025WaubunoWellProject@dillon.ca) for your comments to be considered as part of the Environmental Report.

**Bill Olds**

Project Manager  
Dillon Consulting Limited  
Phone: 905-902-5521

For more information about the proposed project, please visit the Enbridge Gas project website at:  
[www.enbridgegas.com/waubunowellproject](http://www.enbridgegas.com/waubunowellproject).

