Elmira Pipeline Project

Virtual Public Information Session #2

May 13 to May 24, 2024

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Welcome!

This Virtual Public Information Session will be live for two weeks from **Monday, May 13, 2024, to Friday, May 24, 2024.**

- You can provide your input on the Elmira Pipeline Project by completing the comment form available on the Virtual Public Information Session website at www.ElmiraPipelineProject.com. Please submit your comments by **May 31, 2024**.
- After Friday, May 24, 2024, this presentation, accompanying video transcript, and the comment form will be available for download on the Enbridge Gas website at www.enbridgegas.com/elmirapipeline.
- You can also email the project team at: ElmiraPipelineProject@dillon.ca

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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 your 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.

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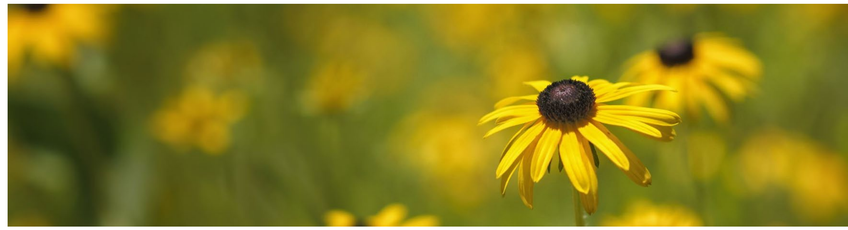
Purpose of the Information Session



- The purpose of this information session is to present the selected Preferred Route for the project;

- Discuss the route selection process and how public input was included in the routing analysis; and

- Present the potential and/or anticipated impacts and proposed mitigation measures for the construction and operation of the project.

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Project Overview – Preferred Route

To support the development of low-carbon renewable energy in Ontario and to meet the requirements of its customer, Enbridge Gas is proposing to build a new pipeline and injection station to connect a new Renewable Natural Gas (RNG) facility being constructed by SBE Limited Partnership to existing natural gas infrastructure.

Based on a routing constraints analysis and ongoing consultation with the public, stakeholders and Indigenous communities, the Preliminary Preferred Route for the pipeline was selected as the Preferred Route.

The Preferred Route consists of 2.9 km of 4-inch steel pipeline, which would start at the proposed RNG injection station at the customer site at 50 Martins Lane. From the injection station, the pipeline would run west along Martins Lane for 400 m, then turn north along Arthur Street North for approximately 1.35 km. It would then turn west along Reid Woods Drive for 1.15 km, where it would be tied into the existing Owen Sound Transmission Line.

The project will be located mainly within the municipal road right-of-way (ROW), and may require easements, working space, and lay-down areas during construction.

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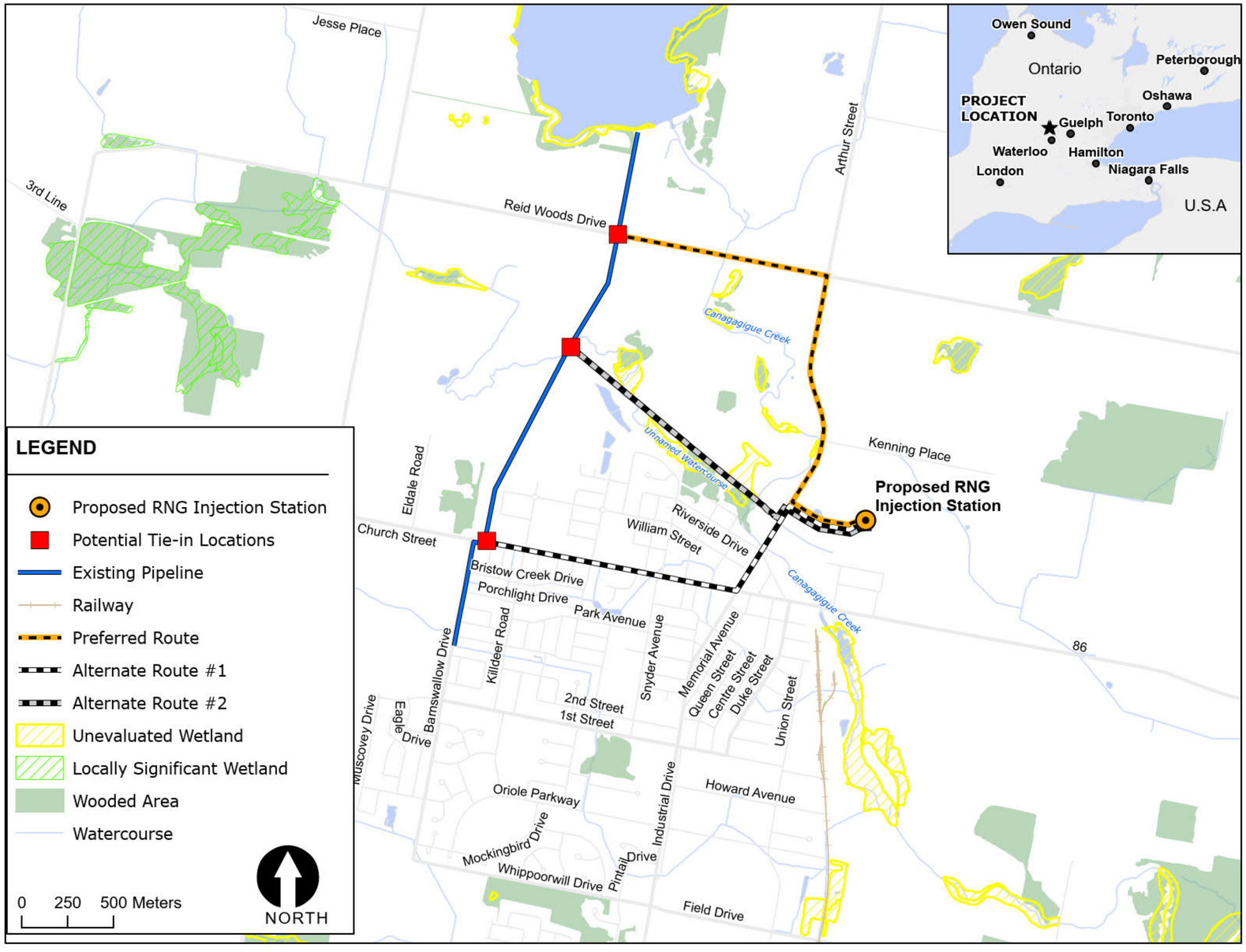
Project Distribution System

- Three routes were considered in the preliminary assessment.
- The Preferred Route was selected based on the results of the routing constraints analysis conducted for the project, as well as the results of the first public information sessions and ongoing consultation and engagement efforts. It is highlighted in orange on the map.
- The two Alternate Routes that were considered during the preliminary assessment but are no longer being pursued are shown in grey.
- The routing constraints analysis compared the Preliminary Preferred Route and the two Alternate Routes based on the potential identified environmental and socio-economic impacts.



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Environmental Study Process

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

The ongoing study:

- Undertakes engagement to understand the views of interested and potentially affected parties.
- Includes consultation with Indigenous communities to understand interests and potential impacts.
- Is conducted during the earliest phase of the project.
- Identifies potential impacts of the project.
- Develops environmental mitigation and protective measures to avoid or reduce potential impacts.
- Develops an appropriate environmental inspection, monitoring, and follow-up program.

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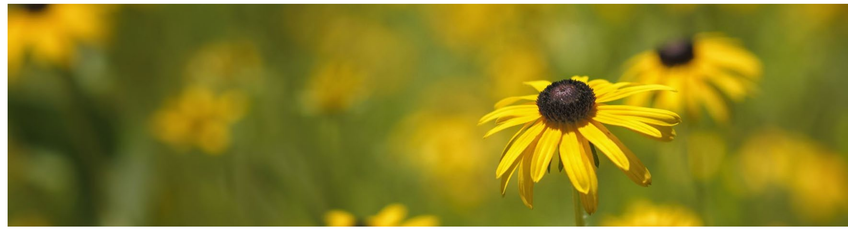
Consultation and Engagement



- 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 (MOE). Upon review, the MOE 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 sessions, and from comment forms and emails to the project inbox were considered in the routing analysis and the selection of the Preferred Route and will also be used to inform the development of mitigation plans for the project.
- Once the Leave-to-Construct (LTC) application is made to the OEB, any party with an interest in the project, including members of the public, can participate in the process.

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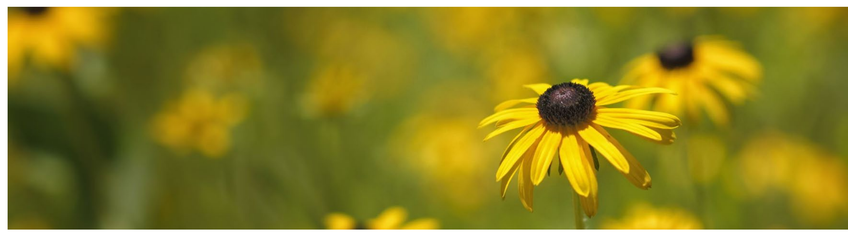
Consultation and Engagement To-Date



- Notice of Upcoming Project (NUP):
  - NUP was sent to identified Indigenous communities via email on February 20, 2024.
  - NUP was sent to the project contact list via email on February 22, 2024, and to homes and businesses in the study area via Canada Post neighbourhood mail the week of February 19, 2024.
  - NUP was published in the Woolwich Observer on February 22, 2024.
- Notice of Study Commencement (NOC) and Invitation to Public Information Session #1:
  - NOC was sent to identified Indigenous communities via email on March 19, 2024.
  - NOC was sent to the project contact list via email on March 21, 2024, and to homes and businesses in the study are via Canada Post neighbourhood mail the week of March 18, 2024.
  - NOC was published in the Woolwich Observer on March 21, 2024.
- Public Information Session #1:
  - Enbridge Gas and Dillon hosted an in-person public information session at the Elmira Library Branch on April 10, 2024.
  - Enbridge Gas and Dillon hosted a virtual public information session that was live from April 8, 2024, to April 19, 2024.
- Notice of Public Information Session #2 (NPIS #2):
  - NPIS #2 was sent to identified Indigenous communities and the project contact list via email between April 22, 2024, and May 6, 2024, and to homes and businesses in the study area via Canada Post neighbourhood mail the week of April 22, 2024.
  - NPIS #2 was published in the Woolwich Observer on April 25, 2024.

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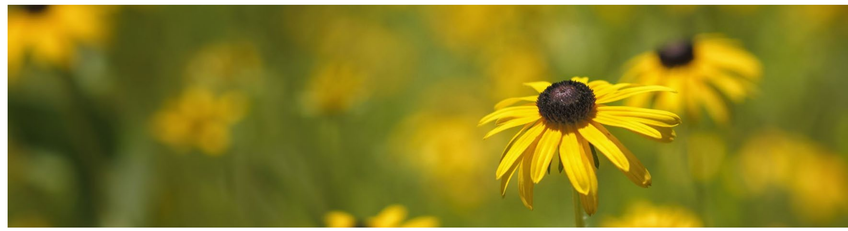
Enbridge Gas' Engagement with Indigenous Peoples



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 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.

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Consultation and Engagement – What we heard

The results of consultation and engagement to-date can be summarized as follows:

- Preliminary Preferred Route: A number of comments received from the public indicated that the Preliminary Preferred Route would be the least disruptive to both the natural and socio-economic environments. These comments ultimately supported the choice of the Preliminary Preferred Route as the Preferred Route for the project.
- Alternate Route 1 – Socio-economic and safety factors: Alternate Route 1 would involve disruptions to the Elmira Town centre and could potentially impact businesses along Church Street. Alternate Route 1 would not be optimal for emergency response from a fire department standpoint. Alternate Route 1 also includes a number of underground utilities installed within the right-of-way.
- Alternate Route 2 – disruptions to the Kissing Bridge Trail: The Kissing Bridge Trail is a very important recreational feature to the community and there were concerns with potential disruptions to its use as well as the potential environmental effects and impacts to the memorial trees lining the trail.
- General concerns related to property and business access during the construction phase of the project.
- General concerns related to traffic disruptions during the construction phase of the project.

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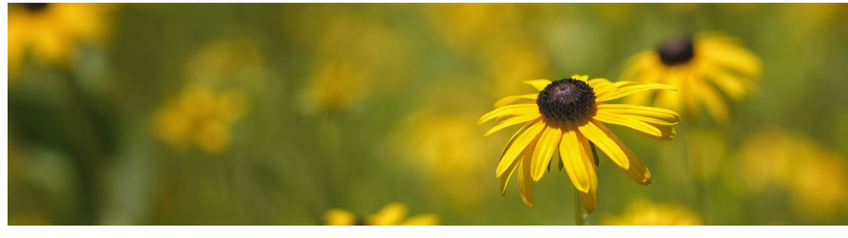
Socio-economic Features along the Preferred Route



The Preferred Route Study Area is varied in nature with a variety of land uses including industrial, residential, agricultural, and recreational uses. Industrial uses are mainly located along Martins Lane and Arthur Street North. Residential uses are mainly located along Arthur Street North. Agricultural and open space land uses are associated with Arthur Street North and Reid Woods Drive. Areas with natural features such as, woodlands, wetlands, and watercourses also occur in the Study Area. The project will mainly be constructed within the existing municipal road right-of-way.

Potential effects

- Temporary increase in nuisance noise during construction.
- Temporary traffic disruptions and increased traffic volumes from construction traffic.
- Temporary disruption to residential and/or commercial property driveway access.
- Temporary increase in wastes during construction.

Proposed 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.
- An appropriate Traffic Control Plan will be developed and implemented in accordance with Ontario Traffic Manual (OTM) Book 7 – Temporary Conditions.
- Traffic access will be maintained, where possible, during construction. Good management and best practices will be implemented during construction. 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.

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Cultural Heritage Resources along the Preferred Route

A Stage 1 Archaeological Assessment and Cultural Heritage Screening have been completed for the project (all three route options were assessed).

The Stage 1 Archaeological Assessment did not reveal any registered archaeological sites within the project Study Area and a Stage 2 Archaeological Assessment is currently underway for the portions of the Preferred Route Study Area with remaining archaeological potential. The Cultural Heritage Screening did not reveal any federally or provincially designated heritage properties within 50 metres of the Preferred Route and there are no listed or designated properties within 50 metres of the Preferred Route that are included in the Township of Woolwich Municipal Heritage Register.

Potential effects

- Disturbance of previously undiscovered heritage resources (i.e., archaeological resources, built heritage resources, or cultural heritage landscapes).

Proposed mitigation measures

- Complete an archaeological assessment(s) of the construction footprint, with review and acceptance from the Ministry of Citizenship and Multiculturism (MCM).
- Complete a cultural heritage assessment (for built heritage features and cultural heritage landscapes) of the construction footprint, with review and comment from the MCM.
- Should previously undocumented (i.e., unknown or deeply buried) archaeological resources be discovered, a stop-work procedure will be implemented to immediately cease alteration of the site and a licensed consultant archaeologist will be engaged to carry out archaeological fieldwork in compliance with Section 48(1) of the *Ontario Heritage Act*.

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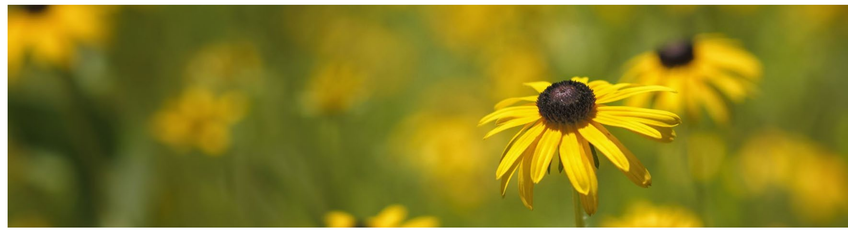
Aquatic Resources along the Preferred Route



The Preferred Route Study Area includes portions of Canagagigue Creek and unevaluated wetlands.

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

Potential effects

- Alteration of fish habitat or death/injury of fish during construction.
- Temporary reduction in surface water quality, fish habitat and alteration of waterflow during construction.
- Increased erosion, sedimentation, and turbidity resulting from removal of vegetation.

Proposed mitigation measures

- Install and maintain erosion and sediment control measures.
- Obtain appropriate agency permits and approvals.
- Employ trenchless construction methods where feasible and/or appropriate, including Horizontal directional drilling (HDD).
- Establish appropriate watercourse crossing techniques (open cut, dam and pump, temporary diversion channels) during open trench construction.
- Maintain the quality and quantity of stream flow during in-stream work.
- Restore banks and riparian areas to original condition if disturbance occurs.

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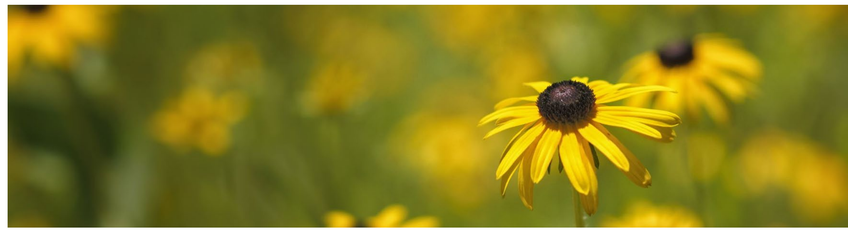
Terrestrial Resources along the Preferred Route



Natural environment features such as wildlife habitat, wetlands and vegetated/wooded areas occur adjacent to the Preferred Route along Reid Wood Drive and Arthur Street North. There is also potential for species at risk (SAR) to occur in the vicinity of the project. The project will mainly be constructed within the existing municipal road right-of-way.

Potential effects

- Temporary loss or alteration of vegetation during construction.
- Disturbance and temporary relocation of wildlife 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.

Proposed mitigation measures

- Conduct surveys and habitat assessments in advance of construction to determine extent of potential or confirmed wildlife habitat, including potential for SAR.
- Complete clearing/brushing outside of sensitive wildlife periods (e.g., migratory bird window, typically from April 1 to August 31), to the extent possible.
- 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 and environmental orientation to workers to ensure awareness of sensitive species, habitat, and mitigation measures during construction.
- Secure any necessary permits and follow conditions of approval.

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Access and Land Requirements along the Preferred Route

While most of the pipeline route will be constructed within the municipal road ROW, some circumstances requiring access agreements, permanent easement or temporary working space during construction could result in the need for additional land outside of the road ROW.

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

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

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Pipeline Design

The steel 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 ensure the safe, reliable operation of our network of natural gas pipelines, including:

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

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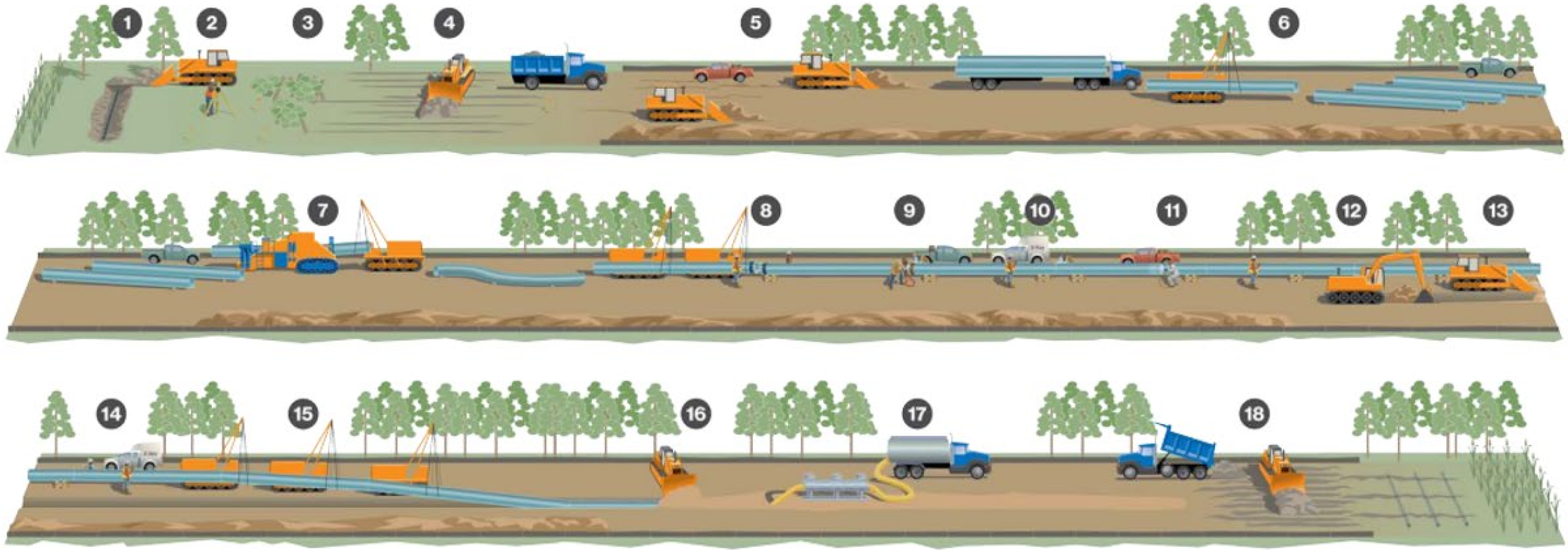
Constructing an Enbridge Gas Pipeline



Step 1: Pre-construction tiling;

Step 2: Surveying and staking;

Step 3: Clearing;

Step 4: Right-of-way topsoil stripping;

Step 5: Front-end grading;

Step 6: Stringing pipe;

Step 7: Field bending pipe;

Step 8: Lining-up pipe;

Step 9: Welding process;

Step 10: X-ray or ultrasonic inspection, weld repair;

Step 11: Field coating;

Step 12: Digging the trench;

Step 13: Padding trench bottom;

Step 14: Final inspection and coating repair;

Step 15: Lowering pipe;

Step 16: Backfilling;

Step 17: Hydrostatic testing; and

Step 18: Site restoration and post-construction tiling.

Note: The construction infographic is specifically for open-cut steel pipe installation and serves for reference purposes only.

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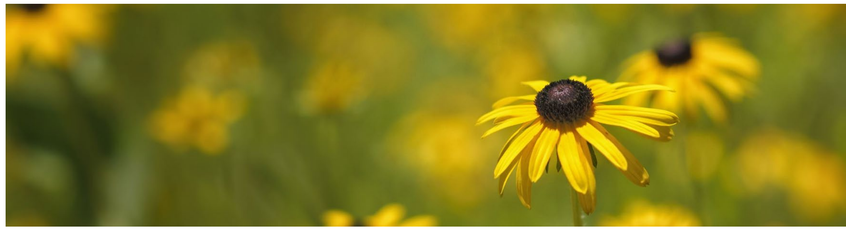
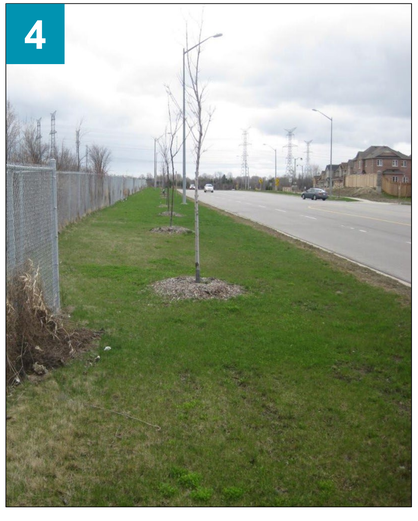
Constructing an Enbridge Gas Pipeline



The pipeline construction process includes various procedures, as described in the previous slide.

- **Photo 1:** Shows a typical Enbridge Gas natural gas pipeline. The Elmira Pipeline Project will involve the installation of a 4-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 a typical trench after backfilling.
- **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.



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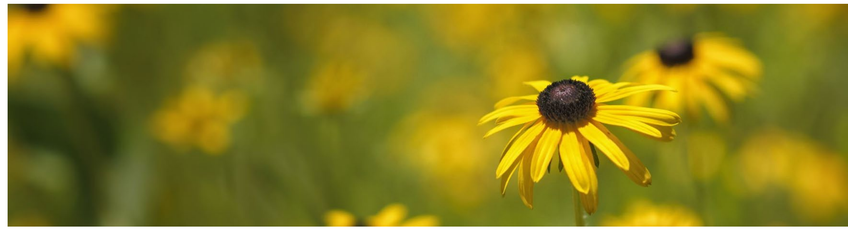
Horizontal Directional Drilling Procedures



Horizontal directional drilling (HDD) is the proposed construction method for watercourse crossings, where feasible.

- A geotechnical assessment and enhanced designs will be completed by a qualified consulting service with expertise in HDD drilling technology and practices. The geotechnical assessment and enhanced designs will mitigate potential disruption to the watercourse by identifying favourable ground conditions and determining an appropriate HDD depth under the watercourse.
- Permits will be obtained from the required regulatory authorities. Required permits will be determined and documented in the Environmental Report for the project

Mitigation measures for watercourse crossings typically include:

- Obtaining and abiding by all required permits and approvals and their associated conditions.
- Limiting in-water works, where possible, and conforming to fishery timing windows.
- Preparing and following an HDD contingency plan.
- Conducting regular monitoring of the watercourse during drilling activities.

Note: watercourse crossing(s) will be constructed using HDD, other portions of the pipeline will be constructed using a combination of trench and trenchless construction methods

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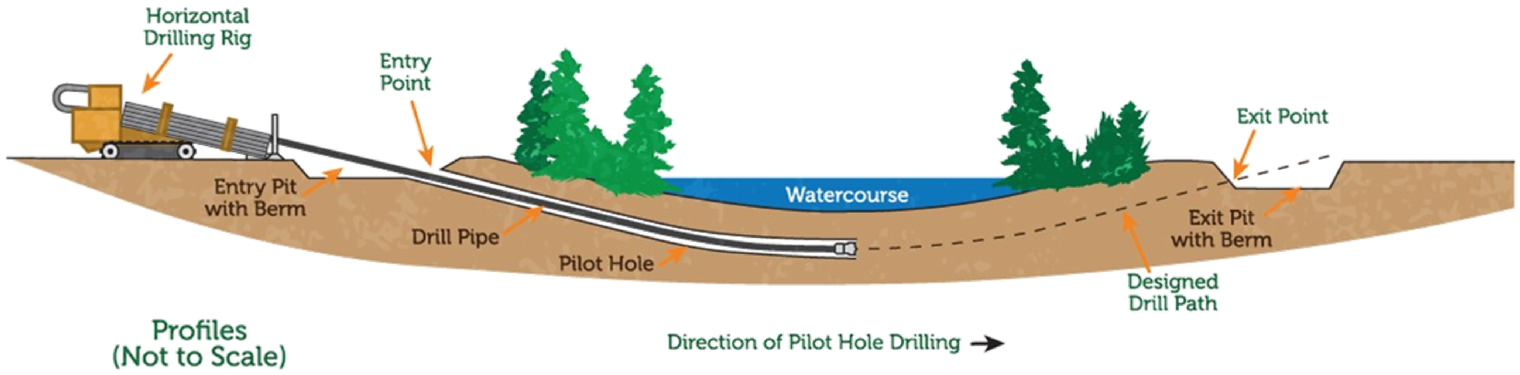
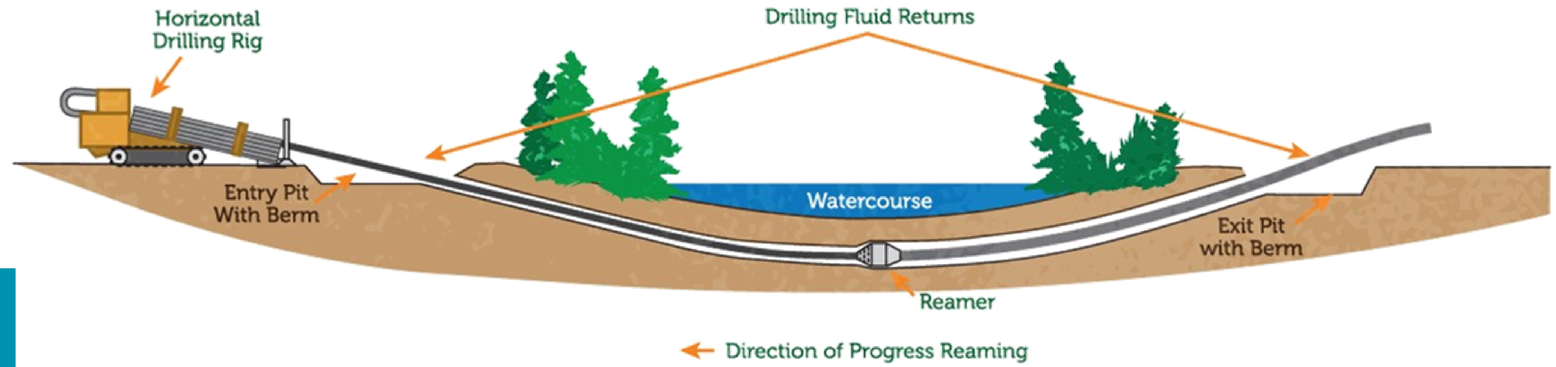
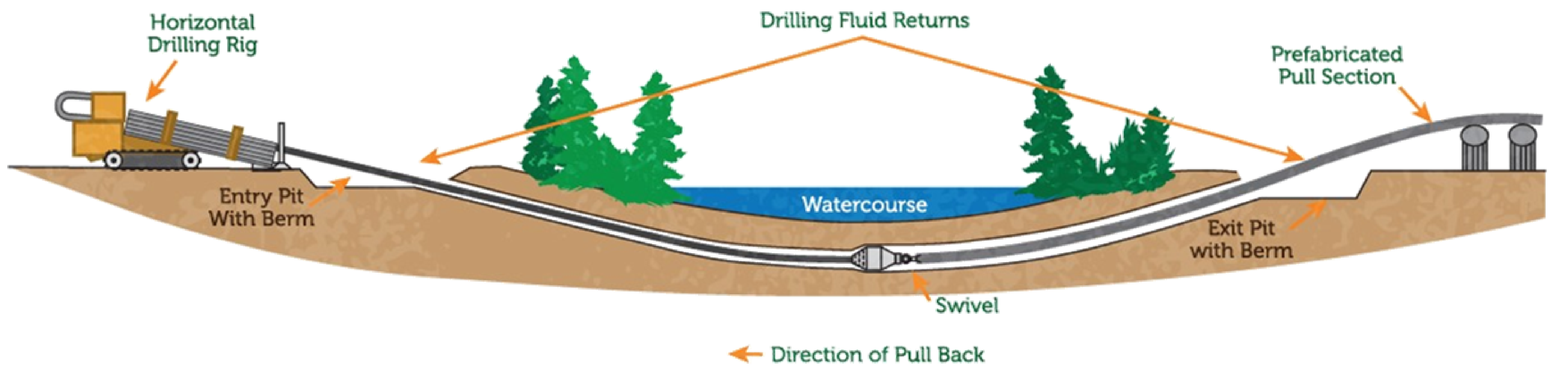
Horizontal Directional Drilling Procedures

Stage 1: Pilot Hole Directional Drilling



Stage 2: Reaming and Pulling Back





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Source: https://www.transmountain.com/news/2019/digging-deeper-trenchless-crossing-methods-reduce-impact

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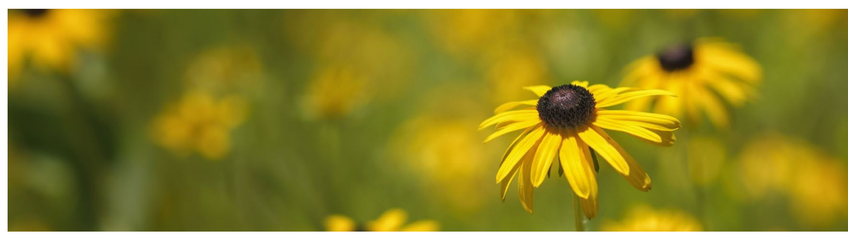
Environment, Health and Safety Policy



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.

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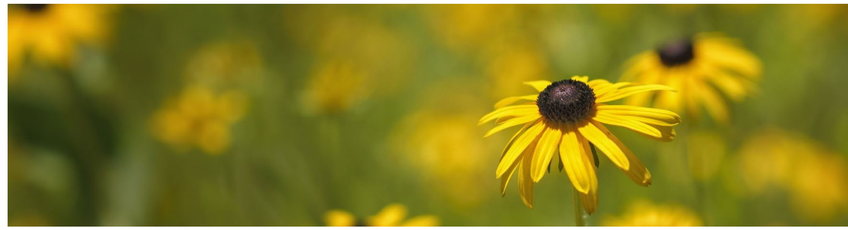
OEB Review and Approval Process



It is anticipated that the Environmental Report for the study will be completed in June 2024. Once complete, Enbridge Gas plans to file a LTC application for the project with the OEB. The application to the OEB will include the following information on the project:

- The need for the project
- The preliminary preferred route and route alternates
- Environmental report and mitigation measures
- Project costs and economics
- Pipeline design and construction
- Land requirements
- Consultation and engagement with Indigenous communities and the public

The OEB's review and approval are required before the proposed project can proceed. If approved, construction could begin in April of 2025.

Additional information about the OEB process can be found online at: www.oeb.ca.

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Environmental Assessment Process and Timeline

Communication and Consultation	Environmental Assessments
December 2023	Determine need for project
February 2024	Early Engagement and Notice of Upcoming Project
March 2024	Issue of Notice Commencement
March-April 2024	Collect baseline data and conduct routing analysis
April 10, 2024	Conduct Public Information Session
April-May 2024	Review consultation feedback and incorporate results into routing analysis
May 2024	Confirm Preferred Route
May 2024	**Conduct a second Public Information Session**
May/June 2024	Conduct effects assessment on the Preferred Route and identify mitigation measures
June 2024	Submit draft Environmental Report to Ontario Pipeline Coordinating Committee for 42-day review period
August 2024	Incorporate results of the Ontario Pipeline Coordinating Committee review into the Environmental Report
September 2024	Submit final Environmental Report to the OEB

We are here

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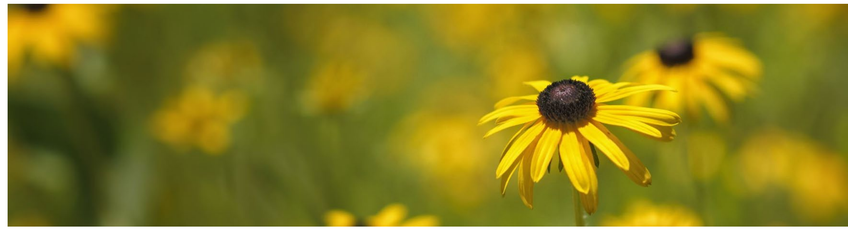
Next Steps



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

September 2024
Complete Environmental Report and file LTC application with OEB

March 2025
OEB approval, complete permitting, pipeline design and construction planning

April 2025
Start construction

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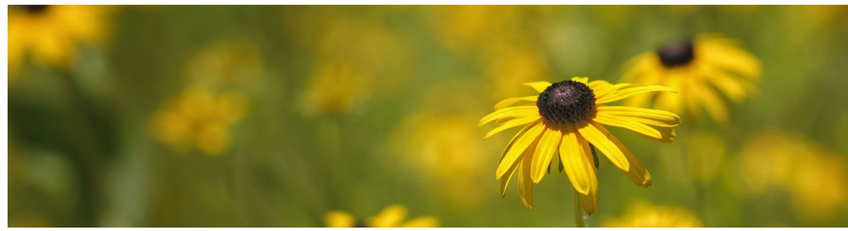
Thank you for participating in our Virtual Public Information Session!



- We want to hear from you! Please complete the project comment form on the Virtual Public Information Session website at www.ElmiraPipelineProject.com.
- After Friday, May 24, 2024, this presentation, accompanying video transcript, and the comment form will be available for download on the Enbridge Gas website at www.enbridgegas.com/elmirapipeline.
- Please submit your feedback by **Friday, May 31, 2024**, so it can be considered in the Environmental Report that will be submitted to the Ontario Energy Board.
- Project Contact:

Natalie Taylor
Associate
Project Manager

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