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**Enbridge Gas Inc.**  
50 Keil Drive North,  
Chatham, ON N7M 5M1  
Canada

## **VIA EMAIL and RESS**

June 10, 2022

Nancy Marconi  
Registrar  
Ontario Energy Board  
2300 Yonge Street, Suite 2700  
Toronto, Ontario, M4P 1E4

Dear Nancy Marconi:

**Re: Enbridge Gas Inc. (Enbridge Gas)  
Ontario Energy Board (OEB) File No. EB-2022-0157  
Panhandle Regional Expansion Project  
Application and Evidence - Redacted**

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Enclosed please find the redacted application and evidence for the Panhandle Regional Expansion Project (Project).

In accordance with the OEB's *Practice Direction on Confidential Filings*, Enbridge Gas is requesting confidential treatment of the following exhibits. Details of the specific information and reasons for confidential treatment are set out below:

<b>Exhibit</b>	<b>Description of Document</b>	<b>Confidential Information Location</b>	<b>Brief Description</b>	<b>Basis for Confidentiality</b>
Exhibit F-1-1 Attachment 1	Environmental Report	Page 401 Page 406 Page 408 Page 411 Page 416 Page 422 Page 428 Page 434 Page 453 Page 459	Personal Information	The redactions relate to the names and contact information of property owners. This information should not be disclosed in accordance with the <i>Freedom of Information and Protection of Privacy Act</i> . Pursuant to section 10 of the OEB's <i>Practice Direction on Confidential Filings</i> , such information should not be provided to parties to a proceeding.
Exhibit G-1-1 Attachment 2	Landowner List	Pages 1-39	Personal Information	The redactions relate to the names and contact information of property owners. This information should not be disclosed in accordance with the <i>Freedom of Information and Protection of Privacy Act</i> . Pursuant to section 10 of the OEB's <i>Practice Direction on Confidential Filings</i> , such information should not be provided to parties to a proceeding.

<b>Exhibit</b>	<b>Description of Document</b>	<b>Confidential Information Location</b>	<b>Brief Description</b>	<b>Basis for Confidentiality</b>
Exhibit H-1-1 Attachment 7	ICR Log and Attachments	Page 176	Commercially sensitive content	The information is commercially sensitive, and its disclosure could prejudice the competitive position of Enbridge Gas in its negotiations with Indigenous groups. The information consists of financial, commercial material that Enbridge Gas has consistently treated as confidential.

The unredacted confidential Exhibits will be sent separately via email to the OEB.

The above noted submission has been filed electronically through the OEB's RESS and will be made available on Enbridge Gas's website. Please see the link below (then navigate to the "Regulatory Information" tab. <https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion>

If you have any questions, please contact the undersigned.

Sincerely,

(Original Signed)

Dave Janisse  
Technical Manager, Leave to Construct Applications

EXHIBIT LIST

A – ADMINISTRATION

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>
A	1	1	Exhibit List
		2	Glossary of Acronyms and Defined Terms
A	2	1	Application Attachment 1 – Route Map
A	3	1	Summary of Application

B – PROJECT NEED

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>
B	1	1	Project Need Attachment 1 – Expression of Interest Attachment 2 – Binding Reverse Open Season Attachment 3 – Letters of Support – Municipalities Attachment 4 – Letters of Support – Greenhouse Market Attachment 5 – Letter of Support – Atura Attachment 6 – Letter of Support - Stellantis
B	2	1	Panhandle System Design and Network Analysis Attachment 1 – 2023/2024 Panhandle System Schematic
B	3	1	Market Dynamics

C – PROJECT ALTERNATIVES

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>
C	1	1	Project Alternatives Attachment 1 - Enbridge Gas RFP Attachment 2 – Posterity Report

D – PROPOSED PROJECT

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>
D	1	1	Proposed Project Attachment 1 – Construction Schedule

E – PROJECT COSTS AND ECONOMICS

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>
E	1	1	Project Costs and Economics
		2	Project Cost Estimate
		3	Stage 1 DCF Assumptions
		4	Calculation of Revenue
		5	Stage 1 DCF Analysis
		6	Stage 2 Assumptions & Analysis
		7	Stage 3 Assumptions & Analysis

F – ENVIRONMENTAL MATTERS

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>
F	1	1	Environmental Matters Attachment 1 – Environmental Report (Redacted) Attachment 2 – OPCC Comments

G – LAND MATTERS

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>
G	1	1	Land Matters Attachment 1 – Preferred Route Drawings Attachment 2 – Landowner List (Redacted) Attachment 3 – Pipeline Easement Agreement Attachment 4 – Temporary Land Use Agreement

H – INDIGENOUS CONSULTATION

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>
H	1	1	Indigenous Consultation Attachment 1 – Project Description for MOE Attachment 2 – Delegation Letter Attachment 3 – Updated Project Description for MOE Attachment 4 – Sufficiency Letter Attachment 5 – Enbridge Inc. Indigenous Peoples Policy Attachment 6 – ICR Summary Attachment 7 – ICR Log & Project Correspondence (Redacted)

I – CONDITIONS OF APPROVAL

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>
I	1	1	Conditions of Approval

<b>Glossary of Acronyms and Defined Terms</b>	
AECOM	AECOM Canada Ltd.
Act	The <i>Ontario Energy Board Act, 1998</i>
AMP	Asset Management Plan
Applicant	Enbridge Gas Inc.
Application	Enbridge Gas Inc.'s application requesting: an order granting leave to construct natural gas pipelines in the Municipality of Chatham Kent and Essex County for Approximately 19 km of Nominal Pipe Size ("NPS") 36 natural gas pipeline with a Maximum Operating Pressure ("MOP") of 6040 kPag from the existing Enbridge Gas Dover Transmission Station in the Municipality of Chatham-Kent to a new valve site in the Municipality of Lakeshore; and Approximately 12 km of NPS 16 natural gas pipeline with a MOP of 6040 kPag in the Municipality of Lakeshore, the Town of Kingsville, and the Municipality of Leamington.
Assessment Criteria	Enbridge Gas established alternatives assessment criteria with consideration to economic feasibility, timing, safety & reliability, risk management and environmental & socio-economic impact
Atura	Atura Power
BBS	Brighton Beach Generating Station
BHRs	Built Heritage Resources
CEPs	Community Energy Plans
CHAR	Cultural Heritage Assessment Report
CHLs	Cultural Heritage Landscapes
CO <sub>2</sub>	Carbon Dioxide
Company	Enbridge Gas Inc.
CNG	Compressed Natural Gas
Dawn or Dawn Hub	Enbridge Gas's Dawn Compressor Station
DCF	Discounted Cash Flow
Delegation Letter	Letter indicating delegation of the procedural aspects of Indigenous consultation to Enbridge Gas for the Project
Detroit River Crossing	Two NPS 12 pipelines connect the NPS 16 Panhandle at Ojibway to the Panhandle Eastern Pipeline System at the International Border.
DFO	Department of Fisheries and Oceans
Dover Transmission	Dover Transmission Station
E.B.O. 134	E.B.O. 134 Report of the Board
Enbridge Gas	Enbridge Gas Inc
EOI	Expression of Interest
EPP	Environmental Protection Plan
ER	Environmental Report
Essex Line	A NPS 6 pipeline extending approximately 5 km towards Essex
ETEE	Enhanced Targeted Energy Efficiency
EV	Electric Vehicle
Guidelines	The OEB's <i>Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7<sup>th</sup> Edition, 2016</i> .
HDD	Heating Degree Day
ICM	Incremental Capital Module
ICR	Indigenous Consultation Report
IRPA	Integrated Resource Planning Alternative
IRP Framework	Integrated Resource Planning Framework
Kingsville East Line	A NPS 20 pipeline extending approximately 19 km towards Kingsville
KTRP	Kingsville Transmission Reinforcement Project (EB-2018-0013)
Leamington Interconnect	Proposed NPS 16 pipeline connecting the Kingsville East, Mersea and Leamington North Lines together
Leamington North Line	A NPS 8 extending approximately 15 km towards Leamington.
Leamington North Loop	A NPS 12 extending approximately 15 km towards Leamington.
LGES	LG Energy Solution
LNG	Liquefied Natural Gas
MECP	Ministry of Environment, Conservation and Parks
Mersea Line	A NPS 8 pipeline extending approximately 10 km towards Leamington and Kingsville
MOE	Ministry of Energy
MOP	Maximum Operating Pressure
NextStar	NextStar Energy Inc.
NPS	Nominal Pipe Size
NPS 16 Panhandle Line	A NPS 16 pipeline from Dover Transmission to Grand Marais Station
NPS 20 Panhandle Line	A NPS 20 pipeline from Dawn to Sandwich Transmission Station

NGEIR	Natural Gas Electricity Interface Review
NPV	Net Present Value
OEB	The Ontario Energy Board
Ojibway	Ojibway Valve Site
OPCC	Ontario Pipeline Coordinating Committee
Panhandle Eastern	Panhandle Eastern Pipeline System
Panhandle Loop	Proposed NPS 36 pipeline loop of the NPS 20 Panhandle Line
Panhandle Market	Residential, commercial, and industrial markets in the municipalities of Dawn-Euphemia, St. Clair, Chatham-Kent, Windsor, Lakeshore, Leamington, Kingsville, Essex, Amherstburg, LaSalle, and Tecumseh
Panhandle System	Enbridge Gas's Panhandle Transmission System
PEPL	Panhandle Eastern Pipeline Company
PI	Profitability Index
Policy	Indigenous Peoples Policy
Posterity	Posterity Group
Project	The Panhandle Regional Expansion Project
PRP	Panhandle Reinforcement Project (EB-2016-0186)
REX	Rockies Express Pipeline
RFP	Request for Proposal
ROFR	Right of First Refusal
ROVER	ROVER Pipeline LLC
Sandwich	Sandwich Transmission Station
Sandwich Compressor	Compressor located at the Sandwich Transmission Station
SMYS	Specified Minimum Yield Stress
Specifications	Specifications outlined in Enbridge Gas's Construction and Maintenance Manual
Stellantis	Stellantis N.V.
TSSA	Technical Standards & Safety Authority
WCSB	Western Canadian Sedimentary Basin

## **ONTARIO ENERGY BOARD**

**IN THE MATTER OF** the *Ontario Energy Board Act, 1998*, S.O. 1998, c. 15, Schedule B; and in particular section 90(1) and section 97 thereof;

**AND IN THE MATTER OF** an application by Enbridge Gas Inc. for an order granting leave to construct natural gas pipelines in the Municipality of Chatham Kent and Essex County.

### **APPLICATION**

1. Enbridge Gas Inc. (“Enbridge Gas” or the “Company”) hereby applies to the Ontario Energy Board (the “OEB”) pursuant to section 90(1) of the *Ontario Energy Board Act, 1998*, S.O. 1998, c. 15, Schedule B (the “Act”), for an Order granting leave to construct the following:
  - Approximately 19 km of Nominal Pipe Size (“NPS”) 36 natural gas pipeline with a Maximum Operating Pressure (“MOP”) of 6040 kPag from the existing Enbridge Gas Dover Transmission Station in the Municipality of Chatham-Kent to a new valve site in the Municipality of Lakeshore; and
  - Approximately 12 km of NPS 16 natural gas pipeline with a MOP of 6040 kPag in the Municipality of Lakeshore, the Town of Kingsville, and the Municipality of Leamington.
2. Enbridge Gas will also construct ancillary measurement, pressure regulation, and station facilities within the Township of Dawn Euphemia, in the Municipality of Chatham-Kent, and valve-site station facilities within the Town of Kingsville and the Municipality of Leamington.

3. The facilities, collectively referred to as the Panhandle Regional Expansion Project (“Project”), are required to expand Enbridge Gas’s Panhandle Transmission System (“Panhandle System”), which transports natural gas between Enbridge Gas’s Dawn Compressor Station, located in the Township of Dawn Euphemia, and the Ojibway Valve Site, located in the City of Windsor, serving residential, commercial, and industrial markets through natural gas distribution systems in the municipalities of Dawn-Euphemia, St Clair, Chatham-Kent, Windsor, Lakeshore, Leamington, Kingsville, Essex, Amherstburg, LaSalle, and Tecumseh (“Panhandle Market”).
4. The Project as proposed is designed to reliably serve increased demands for firm service in the Panhandle Market, including, in particular, incremental demands from the greenhouse, automotive, and power generation sectors. The Project was identified in Enbridge Gas’s Asset Management Plan as part of the Company’s 2022 Rates proceeding.<sup>1</sup> With leave of the OEB, construction of the NPS 36 pipeline and ancillary measurement, pressure regulation and station facilities is planned to commence in Q1 2023 and be placed into service by November 2023, and construction of the NPS 16 pipeline and valve-site station (tie-in) facilities is planned to commence in Q2 2024 and be placed into service by November 2024. The capacity provided by the Project is intended to ensure the growing Panhandle Market has sufficient capacity until Winter 2028/2029.
5. For ease of reference and to assist the OEB with preparation of the notice of application for the proposed Project, a map of the proposed facilities is included at Attachment 1 to this Exhibit.

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<sup>1</sup> EB-2021-0148

6. Selection of the route and location for the proposed facilities associated with the Project was supported by an independent environmental consultant through the process outlined in the OEB's *Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition, 2016* (the "Guidelines").
7. The parties affected by this application are: (i) the owners of lands, government agencies and municipalities over which the pipeline will be constructed; and (ii) Enbridge Gas's customers resident or located in the municipalities, police villages, Indigenous communities and Métis organizations served by Enbridge Gas, together with those to whom Enbridge Gas sells gas, or on whose behalf Enbridge Gas distributes, transmits, or stores gas. It is impractical to set out in this application the names and addresses of such persons because they are too numerous.
8. Enbridge Gas requests that the OEB's review of this application proceed by way of written hearing in English.
9. Enbridge Gas requests that the OEB issue the following orders:
  - (i) pursuant to section 90(1) of the Act, an Order granting leave to construct the Project.
  - (ii) pursuant to section 97 of the Act, an Order approving the form of pipeline easement agreement found at Exhibit G, Tab 1, Schedule 1, Attachment 3, and the form of temporary land use agreement found at Exhibit G, Tab 1, Schedule 1, Attachment 4.

10. Enbridge Gas requests that documents relating to the application and its supporting evidence, including the responsive comments of any interested party, be served on Enbridge Gas and its counsel as follows:

- (a) The Applicant
- Dave Janisse  
Technical Manager, Leave to Construct Applications
- Address: P. O. Box 2001  
50 Keil Drive N  
Chatham, ON N7M 5M1
- Telephone: (519) 436-5442
- Email: [dave.janisse@enbridge.com](mailto:dave.janisse@enbridge.com)  
[EGRegulatoryProceedings@enbridge.com](mailto:EGRegulatoryProceedings@enbridge.com)
- (b) The Applicant's counsel (1)
- Tania Persad  
Associate General Counsel, Regulatory Law  
Enbridge Gas Inc.
- Address for personal service 500 Consumers Road  
Toronto, ON M2J 1P8
- Mailing Address: P. O. Box 650, Scarborough, ON M1K 5E3
- Telephone: 416-495-5891
- Fax: 416-495-5994
- Email: [tania.persad@enbridge.com](mailto:tania.persad@enbridge.com)

(c) The Applicant's counsel (2) Charles Keizer  
Torys, LLP

Mailing Address: 79 Wellington St. W, 30<sup>th</sup> Floor, Box 270, TD  
South Tower, Toronto, ON M5K 1N2

Telephone: 416-865-7512

Fax: 416-865-7380

Email: [ckeizer@torys.com](mailto:ckeizer@torys.com)

DATED at the City of Chatham, Ontario this 10<sup>th</sup> day of June 2022.

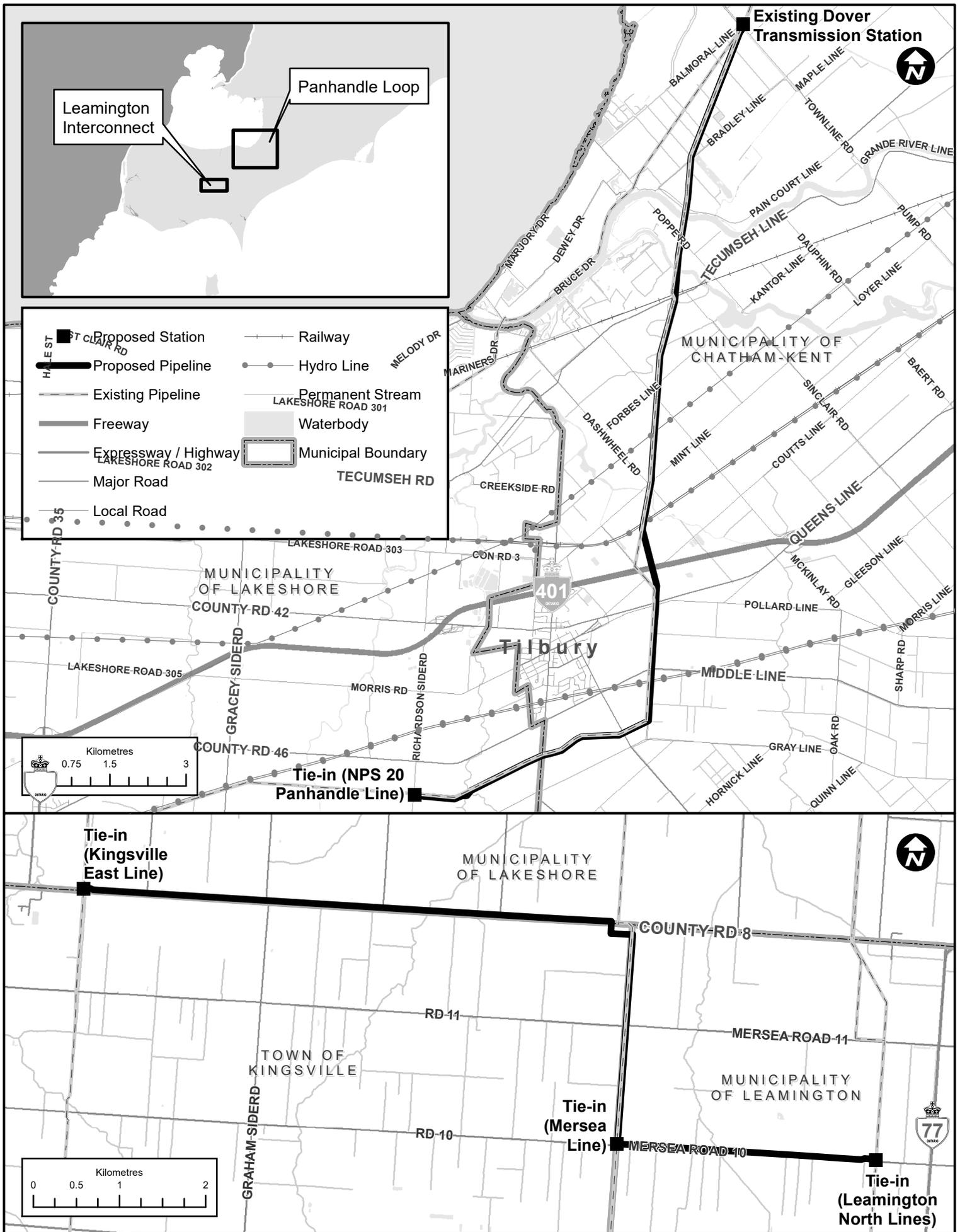
**ENBRIDGE GAS INC.**

(Original Digitally Signed)

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Dave Janisse,  
Technical Manager, Leave to Construct Applications

# Enbridge Gas Panhandle Regional Expansion Project



## SUMMARY OF APPLICATION

1. In response to increasing natural gas demand growth in the areas served by Enbridge Gas's Panhandle Transmission System ("Panhandle System"), Enbridge Gas is proposing to construct the following facilities, collectively referred to as the Panhandle Regional Expansion Project ("Project"):
  - Approximately 19 km of Nominal Pipe Size ("NPS") 36 natural gas pipeline with a Maximum Operating Pressure ("MOP") of 6040 kPag from the existing Enbridge Gas Dover Transmission Station in the Municipality of Chatham-Kent to a new valve site in the Municipality of Lakeshore;
  - Approximately 12 km of NPS 16 natural gas pipeline with a MOP of 6040 kPag in the Municipality of Lakeshore, the Town of Kingsville, and the Municipality of Leamington; and
  - Ancillary measurement, pressure regulation, and station facilities within the Township of Dawn Euphemia, in the Municipality of Chatham-Kent, and valve-site station facilities within the Town of Kingsville and the Municipality of Leamington.
  
2. The Panhandle System is comprised of transmission pipelines to transport natural gas between Enbridge Gas's Dawn Compressor Station ("Dawn"), located in the Township of Dawn-Euphemia and the Ojibway Valve Site ("Ojibway"), located in the City of Windsor. The Panhandle System feeds distribution systems serving residential, commercial, and industrial markets in the municipalities of Dawn-Euphemia, St. Clair, Chatham-Kent, Windsor, Lakeshore, Leamington, Kingsville, Essex, Amherstburg, LaSalle, and Tecumseh ("Panhandle Market").

3. The current (Winter 2021/2022) Panhandle System capacity is 713 TJ/d. Enbridge Gas plans its facilities to reliably serve firm in-franchise customer demand on the coldest observed day on record, which is referred to as the “Design Day.” Enbridge Gas’s current Design Day demand forecast indicates that the Panhandle System demand will exceed capacity by 31 TJ/d beginning in Winter 2023/2024, which increases to 192 TJ/d by Winter 2027/2028. As a result of this demand growth, there is a need for capacity to meet the forecasted firm customer demands by November 1, 2023 and beyond.
4. Enbridge Gas’s current Panhandle System Design Day demand forecast is developed from the contract demand and customer attachment forecasts. Growth is forecast to occur across the entire Panhandle System with concentration in the Leamington-Kingsville and Windsor areas. Details of the Enbridge Gas growth forecast for contract and general service rate classes are provided in Exhibit B, Tab 1.
5. The Company’s Panhandle System network analysis and determination of the need to mitigate the forecasted shortfall are discussed in Exhibit B, Tab 2. This network analysis has identified that the operational requirements of the Panhandle System cannot be met for Winter 2023/2024. To continue to provide reliable firm service to new and existing general service and contract rate customers, Enbridge Gas must address this forecasted shortfall beginning November 1, 2023. The optimal solution to address the forecasted shortfall is the proposed Project, which targets the largest pressure bottlenecks on the current Panhandle System.
6. The proposed Project is designed to reliably serve the increased demands for firm service in the Panhandle Market including, in particular, from the greenhouse, automotive, and power generation sectors. Reliably serving this increased demand

is vital to the continued economic well-being of the region. The additional capacity of 203 TJ/d resulting from the Project will support the continued reliable and secure delivery of natural gas to the growing residential, commercial, and industrial customer segments within the Panhandle Market.

7. Affordable energy is critical to the development and prosperity of communities and businesses. Affordable energy promotes and enables growth in the economy, provides savings for residential customers and helps maintain the global competitiveness of Ontario's businesses. Natural gas is the most affordable energy source available to customers.
8. The Project will directly support job growth, increase property tax revenue for the affected municipalities and increase tax revenue for the province. Furthermore, as indicated by various letters of support received by Enbridge Gas (see Exhibit B, Tab 1, Schedule 1, Attachments 3 – 5), the Project has broad support from regional municipalities as well as major customer groups. For example:

The Chatham-Kent Chamber of Commerce said:

“In order for future growth in Chatham-Kent area to be realized, sufficient natural gas infrastructure will be required and expansion of service is necessary to support current and planned economic developments in the region, particularly in the fast-growing greenhouse, manufacturing sectors and, with that, residential growth of the Chatham-Kent, Windsor and Essex County area. This project is critical for attracting new and aspiring developments by guaranteeing increased access to energy needed for all sectors of the local economy.”

Mayor Drew Dilkens, on behalf of the City of Windsor, wrote:

“... this project represents an investment in the future of our region. Simply put, (the) project ensures that Enbridge Gas continues to meet the ongoing needs of longstanding businesses and industries in Windsor, at a time we are experiencing exponential growth. This project is also critical for attracting future developments by guaranteeing increased access to energy for all sectors of the local economy.”

The Ontario Greenhouse Vegetable Growers Association (“OGVG”), stated:

“Natural gas is necessary now more than ever, as we implement technology that will allow more greenhouse farms to grow year-round, effectively extending the annual production cycle. This directly translates to more affordable food, more jobs created and ultimately, robust economies in the communities in which we serve.”

FCA Canada Inc (Stellantis), which has recently announced several expansions to their automotive manufacturing operations within Southwestern Ontario, stated:

“This Project is also critical for attracting future investment and developments by guaranteeing increased access to energy for all sectors of the local economy. As Stellantis looks to its future, it is imperative that we have reliable and affordable access to energy, which we trust the (Enbridge) Gas Panhandle Regional Expansion Project will deliver.”

9. With leave of the OEB, construction of the NPS 36 pipeline and ancillary measurement, pressure regulation, and station facilities is planned to commence in Q1 2023 to allow these facilities to be placed into service by November 2023, and construction of the NPS 16 pipeline and valve-site station facilities is planned to commence in Q2 2024 to allow these facilities to be placed into service by November 2024. The capacity provided by the Project is intended to ensure the growing Panhandle Market has sufficient capacity until Winter 2028/2029.
10. Through the consideration of alternatives, Enbridge Gas has determined that the proposed Project represents the best way to address the identified needs. In particular, Enbridge Gas considered several facility, non-facility and hybrid alternatives and determined that the proposed Project is the optimal solution for meeting the forecasted system need and is in the best interests of Enbridge Gas’s customers. The assessment of project alternatives is described in Exhibit C.
11. Enbridge Gas is proposing to construct the Project following its standard construction practices which have been refined over many years. The design of the

pipeline will meet or exceed all applicable Canadian Standards Association code requirements. Experienced contractors familiar with Enbridge Gas's design and construction practices are available to construct the proposed facilities. Detailed information about the proposed Project, the construction schedule, and related engineering and construction specifications can be found in Exhibit D.

12. The proposed Project is estimated to cost \$314.4 million. Pursuant to the OEB's recommendations in the E.B.O. 134 Report of the Board, Enbridge Gas completed an economic assessment of the Project. Based on the results of this assessment, Enbridge Gas has determined that the Project is in the public interest and is economically viable. A detailed breakdown of the Company's estimated Project cost and economic analysis can be found in Exhibit E.
13. As outlined in Exhibit E, Tab 1, Schedule 1, Enbridge Gas is not seeking cost recovery of the Project as part of this application. The OEB approved the use of the Incremental Capital Module ("ICM") for Enbridge Gas as a mechanism to fund incremental capital investments during the current deferred rebasing period.<sup>1</sup> If the Project meets the criteria for rate recovery through the ICM mechanism, then an ICM request for the costs of the Project may form part of the Company's 2023 Rates (Phase 2) application. Further, Enbridge Gas expects that, upon rebasing, the capital costs associated with the Project will be included within rate base. Enbridge Gas will allocate Project costs to rate classes according to the applicable OEB-approved cost allocation methodology in place at the time the Company applies for such rate recovery.
14. Selection of the route and location for the proposed facilities associated with the Project was supported by an independent environmental consultant through the

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<sup>1</sup> EB-2017-0306/EB-2017-0307 Decision and Order, September 17, 2018

process outlined in the OEB's *Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition, 2016* (the "Guidelines"). This route evaluation and the results of an environmental and socio-economic impact study for the Project are documented in an Environmental Report, which is discussed in detail and included in Exhibit F. As outlined in this evidence, Enbridge Gas is confident that by following its standard construction practices and adhering to the recommendations and mitigation measures identified in the Environmental Report, there will be no significant environmental impacts resulting from the construction of the proposed Project.

15. Detailed maps of the Project route, which include the locations of municipalities, highways, railways, utility lines and navigable waters, as applicable, are included in Exhibit G. The permanent and temporary land rights necessary for the construction of the Project will be acquired from individual landowners. Most of the proposed pipeline will be constructed in agricultural land within new easements. Exhibit G includes a description of Enbridge Gas's approach to land rights acquisition, including negotiations with impacted landowners, the standard forms of agreements which Enbridge Gas has offered or will offer to landowners impacted by the Project and its construction, and a description of the potential permits and authorizations that will be obtained by the Company in advance of constructing the proposed Project.

16. Enbridge Gas is committed to developing and implementing processes that support meaningful engagement with potentially affected Indigenous groups (First Nations and Métis). Through these processes, Enbridge Gas works to build an understanding of project related interests, ensure regulatory requirements are met, mitigate or avoid project-related impacts on Indigenous interests including rights, and provide mutually beneficial opportunities where possible. The Ontario Ministry

of Energy has delegated the procedural aspects of the constitutional duty to consult for the Project to Enbridge Gas. Details of the Company's engagement activities with potentially impacted Indigenous communities can be found in Exhibit H.

17. In summary, it is critical that Enbridge Gas provide additional capacity on the Panhandle System to meet the forecasted firm demand of customers in the Panhandle Market. The proposed Project will cost-effectively provide the required incremental capacity within the necessary timeframe. In doing so, the Project will provide a continuing source of affordable energy for residential customers while offering a competitive advantage to commercial and industrial customers, thereby helping to ensure economic growth not only in the Panhandle Market, but across the Southwestern Ontario region.

## PROJECT NEED

1. The purpose of this Exhibit is to describe the need and timing for the proposed Project.
  
2. This Exhibit is organized as follows:
  - A. Introduction
  - B. Existing System Capacity
  - C. Incremental Demand
    - i. Contract Rate Growth Forecast
    - ii. General Service Growth Forecast
    - iii. Total Panhandle System Growth Forecast
  - D. System Growth Benefits
  - E. Project Timing and Enbridge Gas Growth Plans
  - F. Conclusion

### **A. Introduction**

3. The proposed Project is in response to increasing natural gas demand growth in the areas served by the Panhandle System. Specifically, Enbridge Gas is forecasting continued demand growth from commercial, industrial, and residential customers located in the areas west of Dawn, with concentrations in the Municipalities of Windsor, Leamington, and Kingsville.

### **B. Existing System Capacity**

4. The current (Winter 2021/2022) Panhandle System capacity is 713 TJ/d. The forecasted firm demand on the Panhandle System for Winter 2021/2022 is 672 TJ/day. Enbridge Gas's current Design Day demand forecast, discussed in detail

below, indicates that the Panhandle System demand will increase by 22 TJ/d to 694 TJ/d by Winter 2022/2023, and by an additional 50 TJ/d to 744 TJ/d in Winter 2023/2024. As a result of this growth, there is a need for capacity to meet the forecasted firm customer demands by November 1, 2023 and beyond.

5. Details of the Company's Panhandle System network analysis and determination of the need to mitigate the forecasted shortfall are discussed at Exhibit B, Tab 2, Schedule 1.

### **C. Incremental Demand**

6. The firm demand for natural gas from new and existing general service and contract rate customers has continued to grow on the Panhandle System over the past decade. Prior to 2017, Enbridge Gas was able to reinforce the Panhandle System by constructing downstream facilities, such as the Leamington North Loop (Leamington Expansion Phase I project in 2013<sup>1</sup> and Phase II project in 2016<sup>2</sup>), upsizing of pipeline between Ruscom and Patillo from NPS 16 to NPS 20 through the Panhandle NPS 16 Replacement Project between 2014 and 2016<sup>3</sup>, and by relying on Enbridge Gas's firm gas supply arriving at Ojibway to serve markets within the Windsor region.
7. Starting in 2017, Enbridge Gas expanded the Panhandle System to meet increasing demands for firm service from Enbridge Gas's distribution systems which serve the in-franchise markets in the Municipalities of Dawn-Euphemia and St. Clair, Chatham-Kent, Lakeshore, Essex, Tecumseh, Leamington, Kingsville, LaSalle,

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<sup>1</sup> EB-2012-0431

<sup>2</sup> EB-2016-0013

<sup>3</sup> EB-2013-0420

Amherstburg and Windsor (together “the Panhandle Market”). The Panhandle Reinforcement Project (“PRP”)<sup>4</sup> was placed into service on November 1, 2017 to serve forecasted demand growth out to Winter 2021/2022, including unfulfilled demand requests from the Leamington Expansion Phase II project.

8. In 2018, Enbridge Gas’s Kingsville Transmission Reinforcement Project (“KTRP”)<sup>5</sup> was advanced by 3 years from the initial forecasted in-service date of November 1, 2022 to November 1, 2019. The forecasted Panhandle System capacity shortfall at that time occurred in Winter 2020/2021, but the Project was placed into service in 2019 to alleviate the need for incremental downstream distribution system expansion. The KTRP facilities were designed to meet forecasted demand in the Panhandle Market out to Winter 2025/2026, based on the best information then available.
9. Consistent with these past experiences, significant growth has continued within the Panhandle Market and demand is forecast to exceed the Panhandle System capacity sooner than anticipated, resulting in the need to address a forecasted system capacity shortfall by November 1, 2023.
10. Enbridge Gas’s current Panhandle System Design Day demand forecast is developed from the contract demand and customer attachment forecasts. Growth is forecast to occur across the entire Panhandle System with concentration in the Leamington-Kingsville and Windsor areas. Details of the Enbridge Gas growth forecast for contract and general service rate classes are provided in the sections below.

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<sup>4</sup> EB-2016-0186

<sup>5</sup> EB-2018-0013

### *Contract Rate Growth Forecast*

11. The contract rate (Rate M/BT4, Rate M/BT5, Rate M/BT7, Rate T-1 and Rate T-2) demand accounts for approximately 55% of firm demand served by the Panhandle System. Based on early indications of incremental demand obtained by informal contract rate customer outreach, Enbridge Gas launched an Expression of Interest (“EOI”) process in February 2021 to formally gauge interest for incremental growth on the Panhandle System<sup>6</sup>. An email notification announcing the EOI was sent to all existing contract rate customers, all large volume general service rate M2 customers within the Area of Benefit, and the direct purchase marketer community. The EOI and related bid forms were also posted on Enbridge Gas’s website. The EOI is provided as Attachment 1 to this Exhibit.
12. The EOI included a map, shown in Figure 1 below, depicting the Area of Benefit. The Area of Benefit included all of Essex County as well as the western portion of the Municipality of Chatham-Kent.

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<sup>6</sup> Enbridge Gas’s Expression of Interest process is intended to collect and aggregate all potential customer demand changes in a targeted Area of Benefit, so that an optimized facility or non-facility solution can be developed and implemented in a timely manner. In addition to soliciting requests for firm capacity and conversion of existing interruptible capacity to firm, it allows for customers to express interest in additional interruptible capacity. Existing customers are also provided an opportunity to turn back or de-contract existing firm or interruptible capacity. The net of all changes requested through the process supports the generation of an informed demand forecast for the Area of Benefit.

**Figure 1 – Expression of Interest Area of Benefit Map**



13. Customers were invited to express their interest for incremental Panhandle System capacity by submitting a bid form that included details of their location, expected new or incremental firm or interruptible hourly natural gas requirements, and expected timing. The EOI bid forms were non-binding and were intended to gather information on potential customer demands over the 2023-2033 period.

14. To provide clarity on the EOI process and ensure customers understood the information requested on the EOI bid forms, Enbridge Gas followed up with contract rate customers to discuss the EOI. Meetings were also held with local economic development officials and other external stakeholders to ensure they were informed of the intent and timelines of the EOI and to answer any questions regarding the EOI process and bid forms.

15. The EOI closed on March 31, 2021. All bids received were acknowledged via email from Enbridge Gas. In total, 44 bid forms from interested parties were received, indicating over 318 TJ/d of interest for incremental firm and interruptible demand over the 2023-2033 period. Of the 44 bid forms received, 43 of the requests for additional capacity were from customers in the greenhouse sector and one request was from a large power generator (Brighton Beach Power L.P. (doing business as Atura Power (“Atura”))). The 43 requests from the greenhouse sector came from 38 greenhouse customers. Several greenhouse sector customers submitted multiple bid forms, each representing a specific location for which new or incremental service was requested.
16. The response to the EOI far exceeded Enbridge Gas’s initial incremental demand projections and confirmed that demand for natural gas in the region is expected to grow significantly over the next 10 years.
17. The interest for incremental firm service received from the greenhouse sector through the EOI process is consistent with IESO reports identifying incremental demand for electricity driven by anticipated growth in the greenhouse sector in Windsor-Essex and Chatham-Kent.<sup>7</sup> Greenhouses require electricity primarily for lighting, but also require natural gas for heating, power generation, and other process-related needs. Increased awareness of the importance of food security and affordability, advances in technology enabling year-round crop growing, and the addition of new crop types to greenhouses are expected to contribute to an increase in greenhouse acreage developed in the region over the next decade.

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<sup>7</sup> <https://www.ieso.ca/-/media/Files/IESO/Document-Library/planning-forecasts/apo/Dec2021/2021-Annual-Planning-Outlook.ashx>

18. After the close of the EOI process, Enbridge Gas was approached by a large industrial customer from the automotive industry (Stellantis N.V. (“Stellantis”)) which requested incremental natural gas service to their planned large scale electric vehicle (“EV”) battery manufacturing facility in Windsor, Ontario. This facility is part of a joint-venture agreement between LG Energy Solution (“LGES”) and Stellantis and will operate under the legal name NextStar Energy Inc. (“NextStar”). Enbridge Gas is finalizing a contract with NextStar for this demand and has therefore included this demand within the contract rate demand forecast for the Project. There are additional industrial customers requesting Panhandle System capacity but which were not part of the EOI process. These additional customers are not currently included in the demand forecast for the Project due to the preliminary nature of their requests, but their requests provide further support for the growing need for capacity on the Panhandle System.
  
19. Since the close of the EOI, Enbridge Gas has continued to engage customers that submitted bids to confirm their interest and negotiate contracts for incremental service. Enbridge Gas is requesting a minimum five-year contract from interested contract rate customers for capacity on the Panhandle System starting in November 2023. This practice is consistent with the methodology for contracting for incremental capacity that was used with the PRP and KTRP projects.
  
20. Contract rate customer demand makes up approximately 98% of the capacity of the proposed Project. At the time of filing, approximately 80% of the contract rate customer demand is subject to a customer commitment. Enbridge Gas has secured approximately 159 TJ/d of binding commitments with customers, including approximately 62 TJ/d of executed firm distribution contracts. Moreover, 100% of the 2023/2024 forecasted incremental demand on Panhandle System is currently secured with binding customer commitments.

21. Each customer that requests incremental contract rate service may require an individual service line, main extension, station(s), and/or local distribution reinforcement to bring sufficient natural gas from the Panhandle System to their site. These costs will be the responsibility of the customer and will be assessed in accordance with E.B.O. 188 guidelines, which may result in the need for the customer to pay a contribution in aid of construction.
  
22. To promote the most efficient means of meeting the growing demands in the Panhandle Market, including minimizing the need for incremental facilities and thereby the overall costs to ratepayers, Enbridge Gas provided existing contract rate and large volume general service customers the opportunity to turnback firm or interruptible capacity or convert existing firm capacity to interruptible capacity in the Area of Benefit on two separate occasions.
  
23. First, on the EOI bid form, customers in the Area of Benefit were provided an opportunity to turn back or de-contract existing firm or interruptible capacity. Any capacity turned back can be used to serve additional growth prior to the addition of new facility or non-facility projects. Enbridge Gas received no interest to turn back capacity as part of the EOI process.
  
24. Second, a follow-up Binding Reverse Open Season was issued on September 29, 2021 and closed on October 15, 2021. The Binding Reverse Open Season can be found at Attachment 2 to this Exhibit. Email notification of the Binding Reverse Open Season was sent to all existing contract rate customers in the Area of Benefit, as well as to the energy marketer community, including a link to further information located on Enbridge Gas's website. Enbridge Gas received no requests to turn back capacity as part of the Binding Reverse Open Season.

25. In addition to the EOI and Binding Reverse Open Season processes, customers can de-contract firm or interruptible capacity provided they meet the notice requirements per the terms and conditions of their distribution contract. Enbridge Gas has not received any communications from customers requesting to reduce their existing firm or interruptible contract demands since the close of the Binding Reverse Open Season. Enbridge Gas does not expect existing contract rate customers will turn back firm capacity, as demand for natural gas in the region continues to increase.

*General Service Growth Forecast*

26. Approximately 45% of the firm demand served by the Panhandle System is for general service customers. Enbridge Gas forecasts that general service customer demand in the Panhandle Market will increase by approximately 3.7% between winter 2021/2022 and 2030/2031. Incremental demands from general service customers make up approximately 2.5% of the incremental capacity of the proposed Project.

27. The general service growth forecast is informed by Enbridge Gas's internal customer attachment forecast. The customer attachments are converted into a volumetric forecast based on average volume per customer information and geographic location.

28. To ensure continued safe and reliable natural gas service, Enbridge Gas is maintaining enough Panhandle System capacity to serve at least 4 years of general service growth on the system. This practice is due to the amount of time it takes

between identifying the need for capacity and commissioning a facility or non-facility project or other IRPA<sup>8</sup>.

29. Enbridge Gas is aware of, has reviewed, and is working in conjunction with the municipalities within the Panhandle Market to determine whether the expansion of the Panhandle System impacts their ability to achieve the greenhouse gas emissions (GHG) reduction goals outlined within their respective Community Energy Plans (“CEPs”). The current CEPs do not include a level of specificity to enable Enbridge Gas to rely upon them as part of its demand forecast for the Panhandle System. This is because of the following:

- Forecasts of measurable reductions in annual and peak-hour natural gas demand/consumption are not available as most CEPs only contain forecasts of annual GHG reductions that are achievable in a variety of ways and, depending on the initiative, will have a variety of impacts on annual and peak-hour natural gas demand/consumption;<sup>9</sup>
- Details of initiatives/actions intended to be implemented to achieve the reduction targets are not yet available, nor is the associated implementation timing;
- Confirmation of full funding approval for associated programming has not been granted; and
- Confirmation that municipalities have jurisdictional authority to implement the CEP programs and activities has not been determined.

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<sup>8</sup> This timeframe includes scope development, design, regulatory process, expropriation, permitting, material procurement, construction, and commissioning, as applicable.

<sup>9</sup> For example, a programmable thermostat may achieve annual demand reductions, however, would not impact peak demand. Therefore, there would be no impact on the Company's peak demand forecast.

30. Absent the details described above, Enbridge Gas cannot predict the impact that any of these CEPs may have on the timing, annual and peak, and geographic distribution of regional natural gas demands in the future. However, based on Enbridge Gas’s working knowledge of the identified municipalities’ CEPs, the Company does not anticipate that they will materially influence the demand forecast and the resulting need for capacity on the Panhandle System. This conclusion is further reinforced by the Company’s expectation that any capacity created on the Panhandle System could also be relied upon in the future to support transmission and distribution of renewable natural gas and/or hydrogen gas volumes.

*Total Panhandle System Growth Forecast*

31. Table 1 below summarizes the Design Day demand forecast for the Panhandle System, based on the discussion in the sections above.

Table 1: Panhandle System Design Day Demand Forecast

	Historical Actuals (TJ/d)		FORECAST (TJ/d)									
	Winter 19/20	Winter 20/21	Winter 21/22	Winter 22/23	Winter 23/24	Winter 24/25	Winter 25/26	Winter 26/27	Winter 27/28	Winter 28/29	Winter 29/30	Winter 30/31
General Service Firm (Total System Demand)	317	308	310	311	312	313	315	316	317	318	319	320
Contract Firm (Total System Demand)	323	348	362	383	432	514	539	564	589	614	639	664
<b>Total System Demand Forecast</b>	<b>640</b>	<b>656</b>	<b>672</b>	<b>694</b>	<b>744</b>	<b>828</b>	<b>854</b>	<b>880</b>	<b>906</b>	<b>932</b>	<b>958</b>	<b>983</b>
General Service Firm (Total Incremental Demand)	19	(9)	2	1	1	1	1	1	1	1	1	1
Contract Firm (Total Incremental Demand)	3	25	14	21	49	83	25	25	25	25	25	25
<b>Total Incremental Demand Forecast</b>	<b>21</b>	<b>16</b>	<b>16</b>	<b>22</b>	<b>50</b>	<b>84</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>26</b>
<b>Total Incremental Demand Forecast (Cumulative)</b>			<b>16</b>	<b>38</b>	<b>88</b>	<b>172</b>	<b>198</b>	<b>224</b>	<b>249</b>	<b>275</b>	<b>301</b>	<b>327</b>

**D. System Growth Benefits**

32. The Panhandle System is a critical natural gas pipeline system that supports Enbridge Gas’s residential, commercial, and industrial customers west of the Dawn Hub. With continued increasing firm demand forecasted in the Panhandle Market, primarily from greenhouse, automotive and power generation customers in the City

of Windsor, Leamington, and Kingsville market areas, the Project will increase long term capacity on the Panhandle System and support the economic well-being of Southwestern Ontario.

33. Affordable energy is critical to the development and prosperity of communities and businesses. Affordable energy promotes and enables growth in the economy, provides savings for residential customers and helps maintain the global competitiveness of Ontario's businesses. Natural gas is the most affordable energy source available to customers.

34. The Project will directly support job growth, increase property tax revenue for the affected municipalities and tax revenue for the province. Additional details regarding these economic benefits are included in Exhibit E, Tab 1, Schedule 1.

35. The economic benefits natural gas provides are significant. Such benefits include, but are not limited to:

- residential energy savings enabling more consumer spending at local businesses and across the community (e.g., charitable organizations);
- energy savings supporting the ability of new businesses to be competitive;
- enhanced ability to attract new residents and new businesses to the community;
- enhanced ability for existing businesses to grow and expand;
- increased housing values and resulting property tax assessments; and
- municipal energy cost savings in municipal buildings such as arenas and community centres.

36. As indicated by the letters of support received by Enbridge Gas (see Attachment 3 to this Exhibit), the Project has broad support from various parties, including regional municipalities and chambers of commerce. For example:

The Chatham-Kent Chamber of Commerce said:

“In order for future growth in Chatham-Kent area to be realized, sufficient natural gas infrastructure will be required and expansion of service is necessary to support current and planned economic developments in the region, particularly in the fast-growing greenhouse, manufacturing sectors and, with that, residential growth of the Chatham-Kent, Windsor and Essex County area. This project is critical for attracting new and aspiring developments by guaranteeing increased access to energy needed for all sectors of the local economy.”

Mayor Drew Dilkens, on behalf of the City of Windsor, wrote:

“... this project represents an investment in the future of our region. Simply put, (the) project ensures that Enbridge Gas continues to meet the ongoing needs of longstanding businesses and industries in Windsor, at a time we are experiencing exponential growth. This project is also critical for attracting future developments by guaranteeing increased access to energy for all sectors of the local economy.”

### Sector Specific Benefits:

#### *Greenhouse Sector*

37. The growth of the controlled environment agriculture (greenhouse) industry in Southwestern Ontario is vital to the economic prosperity of the region. The greenhouse sector is one area of the agriculture industry that is particularly reliant on natural gas and has a significant impact on the local economy.
38. Natural gas is uniquely suited to the greenhouse sector. It is used to heat greenhouses and to supply the carbon dioxide requirements (“CO<sub>2</sub>”) of the growing plants. A common practice within the greenhouse sector is to capture the CO<sub>2</sub> that would normally be emitted into the atmosphere upon combustion of natural gas and use it within the greenhouse where it is consumed by the growing plants, resulting in faster growth and increased production.

39. The greenhouse sector does not currently have a viable economic alternative to replace natural gas for heat and CO<sub>2</sub> production.
40. The main alternate fuels used for heating in the greenhouse sector are oil, diesel, and propane. These fuels are not only more expensive than natural gas but also prevent the greenhouse operations from using the CO<sub>2</sub> emissions within the greenhouse because other elements within the exhaust of these fuels will harm the plants. As a result, without natural gas, a more expensive and higher carbon intensive energy source would need to be procured for heat, and an alternative source of CO<sub>2</sub> would also be required to maintain production levels.
41. Over one third of greenhouse production costs are energy related. If natural gas is not available, greenhouse customers will be forced to either rely on a far more expensive alternative, which will threaten their competitiveness, or move their operations to other jurisdictions, such as the United States, where natural gas is available.
42. On average, every acre of greenhouse development: i) creates jobs for five employees, ii) results in significant capital investment of approximately \$2,000,000 per acre, iii) results in additional spin-off employment, and (iv) produces approximately \$370,000 worth of produce (farm gate value).
43. The greenhouse market in Southwestern Ontario has experienced significant growth, increasing in size from approximately 1,500 acres in 2007 to over 3,500 acres in 2022<sup>10</sup>. This industry provides approximately 14,500 jobs in Southwestern Ontario and supports food processing plants and packagers located in the area.

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<sup>10</sup> <https://www.ogvg.com/post/ogvg-applauds-the-province-for-supporting-economic-development-in-southwestern-ontario>

Greenhouse vegetable production is integral to a strong and resilient domestic food supply system and produces nutritious and affordable food for Ontarians.

44. On the EOI bid forms, customers were requested to provide economic development impacts related to their incremental gas needs. Based on the feedback received through the EOI, a total of 11,526 jobs could be created through the greenhouse business growth enabled by the incremental capacity of the proposed Project. In addition, the total direct capital investment into their business operations in Southwestern Ontario indicated by customers on the bid forms exceeded \$6.37 billion.

45. Letters of support for the Project from the Ontario Greenhouse Vegetable Growers and several large greenhouse customers can be found at Attachment 4 to this Exhibit.

#### *Power Generation Sector*

46. As noted in the IESO's December 2021 Annual Planning Outlook, the Brighton Beach Generating Station ("BBGS") will play a particularly critical role in meeting localized power generation needs between 2024 and 2028.<sup>11</sup> With demand for electricity continuing to grow, it is expected that the BBGS will continue to play a significant role in meeting the region's electricity supply needs beyond 2028. It is Enbridge Gas's understanding that these near-term and longer-term needs have driven the request for incremental firm service from this customer.

47. A letter of support for the Project from Atura can be found at Attachment 5 to this Exhibit.

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<sup>11</sup> IESO Annual Planning Outlook, December 2021, P. 57

*Automotive Sector in Southwestern Ontario*

48. The automotive sector also has significant natural gas demands. The City of Windsor is home to major automotive manufacturers as well as Tier 1 and Tier 2 automotive suppliers. This industry employs thousands of people in the Panhandle Market. Natural gas is relied upon through the automotive manufacturing process, including for paint baking, paint shop humidification, and melting metal for auto parts. Moreover, natural gas cannot be easily substituted with other energy sources for carrying out these processes. Phase 2 of Ontario's plan, *Driving Prosperity: The Future of Ontario's Automotive Sector* aims to support the attraction of large-scale electric vehicle and electric battery production, to anchor an advanced electric battery supply chain in the Province<sup>12</sup>.
49. On March 23, 2022, the multinational automotive manufacturing company, Stellantis, and the battery manufacturer, LGES, announced that they had entered into a binding joint-venture agreement to establish the first large scale EV battery manufacturing facility in Windsor, Ontario, through an entity to be known as NextStar.<sup>13</sup> Natural gas plays a critical role in meeting the energy needs of the EV, EV battery and EV battery component manufacturing sector. Enbridge Gas's proposed Project enables investments such as the NextStar facility, which directly contributes to the province's objectives as outlined in the Ontario Automotive Plan described above.
50. Since the NextStar EV battery plant was announced, Enbridge Gas has been responding to multiple confidential inquiries from EV battery component manufacturers that have expressed interest in the Windsor-Essex region and the

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<sup>12</sup> <https://files.ontario.ca/medjct-driving-prosperity-ontario-automotive-plan-phase-2-en-2021-11-23.pdf>

<sup>13</sup> <https://www.stellantis.com/en/news/press-releases/2022/march/stellantis-and-lg-energy-solution-to-invest-over-5-billion-cad-in-joint-venture-for-first-large-scale-lithium-ion-battery-production-plant-in-canada>

availability of natural gas capacity. Demands for incremental natural gas capacity are expected in this region as participants in the EV component supply chain desire to situate themselves in close proximity to the new NextStar production facility. Due to the preliminary nature of these discussions, these demands have not been included in the demand forecast for the Project.

51. A letter of support for the Project from Stellantis can be found at Attachment 6 to this Exhibit.

#### **E. Project Timing and Enbridge Gas Growth Plans**

52. The Project has previously been identified within Enbridge Gas's Asset Management Plan ("AMP"), as filed with the OEB. More particularly, as part of the Company's 2022 Rates (Phase 2) proceeding, Enbridge Gas filed an AMP Addendum which identified the proposed Project as a requirement to meet the growing Design Day demand of the Panhandle System:

"The Panhandle Regional Expansion Project (PREP) is required to provide reliable, secure, economic natural gas supply to meet the growing design day demand of the EGI Panhandle Transmission System which serves in-franchise markets (including residential, commercial and industrial customers). As a result of a non-binding Expression of Interest (EOI) conducted in February 2021, EGI is forecasting firm transportation growth driven by general service growth, greenhouse market demand in Leamington / Kingsville / Chatham-Kent and industrial demand in Windsor requiring incremental facilities as early as winter 2023-24. Alternatives are being evaluated at varying levels of detail depending upon project feasibility including engineering, cost, construction feasibility, capacity and reliability. Through this process, EGI will identify the most efficient project to provide the Panhandle Transmission System with reliable supply and adequate capacity for both design day conditions and operational conditions. As part of the project plan, EGI will complete a supply-side IRP assessment in addition to a binding reverse open season. In this way, EGI will minimize the facilities required to serve incremental demand while optimizing any unwanted existing capacity."<sup>14</sup>

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<sup>14</sup> EB-2021-0148, Exhibit B, Tab 2, Schedule 3, P. 8

53. Exhibit D, Tab 1, Schedule 1 describes the overall Project and construction schedule. Construction of the NPS 36 pipeline and ancillary measurement, pressure regulation, and station facilities is planned to commence in Q1 2023 and be placed into service by November 2023, and construction of the NPS 16 pipeline and valve-site station facilities is planned to commence in Q2 2024 and be placed into service by November 2024. The construction schedule for both portions of the project takes advantage of the drier summer months, thereby minimizing the impact of construction on agricultural lands and other features such as watercourses.

54. Enbridge Gas has taken extra steps at the front end of the Project to begin early negotiations with landowners and other impacted stakeholders, including municipalities and Indigenous communities, to minimize the potential for requiring land expropriation.

55. Enbridge Gas has also identified the potential need for a second phase of transmission expansion to meet the demands that are forecasted over the next 20 years. This second phase has been identified within the Enbridge Gas 2021-2025 AMP with a forecasted 2029 in-service date as shown below.

“Panhandle Transmission System Reinforcement - The Panhandle System expansion is driven by in-franchise growth in Chatham-Kent, Windsor-Essex and surrounding areas, including the fast-growing greenhouse market in the Leamington/Kingsville area. Based on the current forecast for in franchise general service and contract growth in the Panhandle Transmission System market, EGI has determined that the next Panhandle facilities for expansion will need to be in place for the 2029 winter season (construction beginning in 2029).”<sup>15</sup>

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<sup>15</sup> EB-2021-0181, Exhibit C, Tab 2, Schedule 1, P. 88

56. Using the most up to date information as of the time of filing this application, the Company is now forecasting the need for this second phase of transmission expansion to take place by the winter of 2028/2029.

#### **F. Conclusion**

57. Enbridge Gas is forecasting continued demand growth from commercial, industrial, and residential customers located in the areas west of Dawn, with concentration in the Municipalities of Windsor, Leamington, and Kingsville. This demand growth is primarily driven by the greenhouse, power generation, and automotive sectors in the region.

58. As a result of the increased forecast of demand growth, there is a need for capacity on the Panhandle System to meet the forecasted firm system demands by November 1, 2023.

59. If this natural gas capacity on the Panhandle System is not available by such day, there is a risk that businesses will delay or cancel plans to expand or may establish their operations in different jurisdictions where reliable, affordable energy is available.

February 17, 2021

## **Panhandle Regional Expansion Project Expression of Interest and Capacity Request Form**

To serve a growing demand for natural gas across all sectors in Essex County, including Windsor, LaSalle, Amherstburg, Tecumseh, Essex, Leamington, Lakeshore, Kingsville, and in western Chatham-Kent, Enbridge Gas Inc. (“**Enbridge**”) is pleased to announce this Expression of Interest for natural gas distribution service, which may require incremental facilities to serve this area (see attached map on page 4).

This Panhandle Regional Expansion Project (the “**Project**”) is considering alternatives that could provide 65,000 to 130,000 m<sup>3</sup>/hour of additional natural gas capacity. Depending on customer location additional local reinforcement may also be required to serve new and existing customers in this developing area. The potential Project is targeting incremental net demand from all sectors and is focused on the Large Volume commercial, industrial and greenhouse growth planned over the next five to ten years. Large Volume customers would include those consuming at least 50,000 m<sup>3</sup>/year or more. Small Volume customers interested in capacity should submit their request via the [Get Connected](#) website. The purpose of this expression of interest is to gather Large Volume customer input to help prepare a forecast that identifies the location, timing and magnitude of customer growth. The information gathered through the Expression of Interest process will be used to evaluate and finalize alternatives necessary to meet the demands and timing identified (potentially as early as fall 2023 or 2024).

Enbridge Gas recognizes that with the COVID-19 pandemic, many businesses are currently facing significant challenges; however, many others are planning significant growth. To ensure adequate capacity is available to accommodate the timing of any growth, the process must move forward at this time. Concurrent with this process to express interest in new capacity, all existing contract rate class customers in the Area of Benefit (see attached map on page 4) will be offered the opportunity to “turn back” or de-contract their capacity via a concurrent Reverse Open Season using the same bid form. Bids under the Reverse Open Season will be subject to other customers contracting to take on that “turned back” capacity. In this way, Enbridge will minimize the facilities required to serve incremental demand while optimizing any unwanted existing capacity. Existing customers should submit only one form for each site. Existing customers or potential new customers contemplating an expansion on a new site/address should submit a form for each new site/address.

The development of this Project is contingent upon sufficient net market demand and approval of the Project by the Ontario Energy Board (“**OEB**”). If sufficient demand is demonstrated, Enbridge Gas will file a Leave to Construct application with the OEB, with the goal of making the Project economically viable for customers in the area. Included in that application will be a proposed economic allocation methodology. Assuming the proposed economic allocation methodology is approved; large volume customers would be expected to execute distribution contracts of at least 10 years in order to make an economic contribution towards the transmission component of the Project. The Hourly Allocation Factor process recently approved by the OEB will be used for any additional distribution facilities that may be required related to the demands served by the transmission facilities. By proposing this approach, Enbridge Gas is trying to ensure the Project is economic for customers. This allocation will

address the facilities needed to serve the area shown on the attached map (page 4). This allocation does not include costs that are required to serve each specific customer such as new facilities built at the customer's site. The proposed allocation methodology will be subject to an economic review and approval of the OEB.

Enbridge Gas will consider the size and location of all requests for new capacity in designing the optimal facilities. If insufficient net customer interest or economic approval is not forthcoming, the Project is unlikely to proceed as proposed herein.

Capacity would be available for the following services, depending on market support:

1. New firm distribution service
2. Conversion of existing interruptible distribution service to firm service
3. New interruptible distribution service

This Expression of Interest process closes, and completed Expressions of Interest Bid Forms are due, no later than **12:00 p.m. EDT on Wed. March 31, 2021.**

### **Service Description and Details**

1. As this Project requires a significant capital investment by Enbridge Gas, the term of the customer's natural gas distribution contracts will be no less than five years and not to exceed 20 years; and/or may include upfront payments for capacity and/or negotiated rates above currently OEB approved and posted, which do change over time. The facilities, rates and services included in this Expression of Interest will be subject to OEB approval and sufficient interest being received to justify a Project. The final scope of the proposed facilities will be determined using the demands from the forecast resulting from the EOI process and may change from those contemplated herein.
2. Submitting an Expression of Interest form:  
If you wish to participate in this Expression of Interest in the **Panhandle Regional Expansion Project**, please complete, sign and return the attached non-binding Expression of Interest Bid Form via email to [Economic.Development@enbridge.com](mailto:Economic.Development@enbridge.com). Completed forms must be returned by email on or before 12 p.m. EDT on Wed. March 31, 2021. The returned Bid Forms will be time-stamped by the date on the bidder's email.

### **Expression of Interest Process and Bid Form**

This process is designed to gauge interest in the Project and to assist Enbridge Gas with determining the optimal facility requirements to meet market needs and prepare an application to the Ontario Energy Board. Enbridge Gas will acknowledge receipt of all Bid Forms by email on or before the end of day on Friday, April 2, 2021. Enbridge Gas in its sole discretion reserves the right to reject any and all bids received.

Any suggested contractual Condition(s) Precedent that the customer proposes should be clearly articulated and attached to the Bid Form and will be considered during the capacity allocation process.

Enbridge Gas anticipates allocating capacity on a preliminary and conditional basis to successful

bidders by the end of June 2021. Successful bidders will then be asked to commit to the capacity by executing a Letter of Indemnity or an Enbridge Gas Distribution Contract or Letter of Agreement to more formally support the need for the project. **Any updates to the EOI process or timelines will be posted online here: [www.enbridgegas.com/PanhandleRegionalExpansion](http://www.enbridgegas.com/PanhandleRegionalExpansion)**

If you have any questions about the Panhandle Regional Expansion Project, please contact your account manager or one of the following:

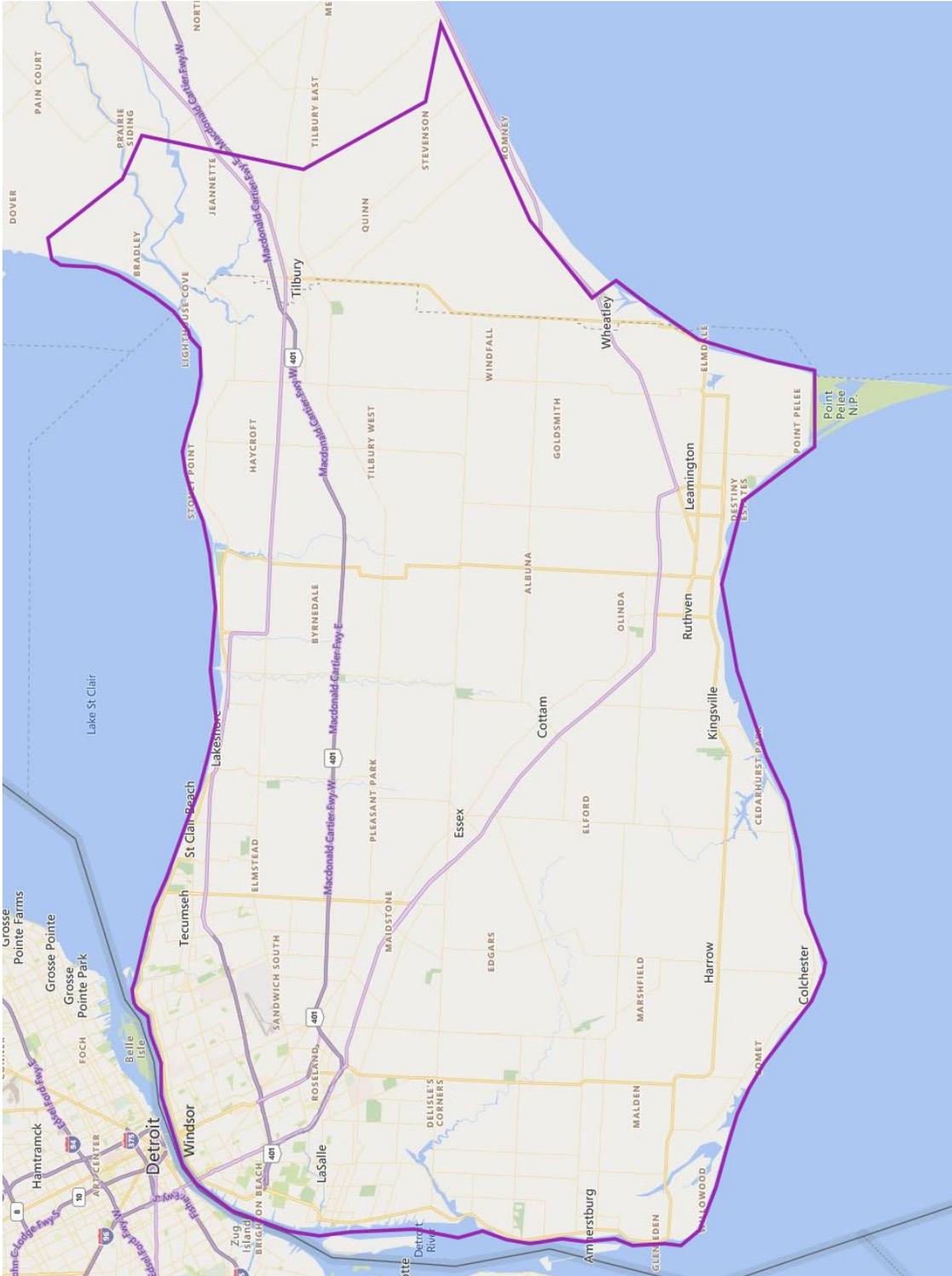
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## Map of proposed project service area

The map below outlines the area that is under consideration for a potential project to expand natural gas capacity. All potential large volume commercial, greenhouse or industrial customers considering developments within this area over the next five to ten years are encouraged to participate in this Non-Binding Expression of Interest.



### **Expression of Interest Non-Binding Bid Form:**

Please complete, sign and return this Expression of Interest Non-Binding Bid Form (“**Bid Form**”) on or **before 12:00 p.m. EDT on Wed. March, 31, 2021**, via email to [Economic.Development@enbridge.com](mailto:Economic.Development@enbridge.com)

Based on the responses received through this Bid Form and the Reverse Open Season, Enbridge Gas will be able to define the optimal facilities required to support market needs. Enbridge Gas will determine whether to proceed with the Project, as proposed or with a refined scope, or not at all, based on the assessment of the results from this signed Bid Form and project economics. Customers may only submit one Bid Form per property. Bid Forms will be treated as confidential and only aggregated or non-identifiable data will be used to support any application to the Ontario Energy Board.

Property address: \_\_\_\_\_ SA: \_\_\_\_\_  
911 address X,Y (latitude and longitude, if known) (if known)

**New FIRM natural gas needs.** An increase of firm gas needs at the above location (i.e. new equipment, new processes), or a new firm gas load as a result of a new build.

Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Incremental (m <sup>3</sup> /h)											
Cumulative											

Ultimate incremental **firm** gas needs over planning horizon: \_\_\_\_\_ m<sup>3</sup>/hour (please provide details on estimated timing above)

**Conversion from interruptible distribution service to firm distribution service.** The amount of incremental firm distribution service needed net of any existing firm distribution service resulting from conversion of existing interruptible service to firm distribution service.

Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Incremental (m <sup>3</sup> /h)											
Cumulative											

**New INTERRUPTIBLE natural gas needs.** An increase of interruptible gas needs at the above location (i.e. new equipment, new processes), or a new interruptible gas load as a result of a new build where customer is willing to accept the terms and conditions of interruptible service (for example periodic curtailment of gas distribution service).

Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Incremental (m <sup>3</sup> /h)											
Cumulative											

Ultimate incremental **interruptible** gas needs (over planning horizon): \_\_\_\_\_ m<sup>3</sup>/hour (please provide details on estimated timing above)

#### **Economic Development impacts related to incremental gas needs:**

Number of net new jobs related to this expansion: \_\_\_\_\_ direct + \_\_\_\_\_ indirect = \_\_\_\_\_ total

Number of current jobs at risk if economical access to gas is not available: \_\_\_\_\_

Capital investment by Customer at the site conditional on economical access to gas: \$ \_\_\_\_\_

Please detail any other benefits from increased access to gas (lower GHG emissions or costs by displacing an alternative energy source etc.): \_\_\_\_\_

Total Incremental distribution service capacity (New firm + conversion of Interruptible): \_\_\_\_\_ m<sup>3</sup>/hour.

Total job impacts related to economical access to natural gas (total new + current “at risk”): \_\_\_\_\_ jobs

Customer Conditions Precedent for **growth**: If the Customer's Expression of Interest for growth is subject to Conditions Precedent, (please attach a separate page with details if space insufficient):

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Option for Reverse Open Season (Turnback of existing capacity under contract at an existing site)

**Turn back existing FIRM distribution service.** The amount of firm distribution service at the identified location no longer required by the customer.

Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Turnback (m <sup>3</sup> /h)											
Cumulative											

**Turn back existing INTERRUPTIBLE distribution service.** The amount of interruptible distribution service at the identified location no longer required by the customer.

Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Turnback (m <sup>3</sup> /h)											
Cumulative											

Customer Conditions Precedent for **turnback of capacity**: If the Customer's request to turn back excess or unwanted capacity is subject to Conditions Precedent, (please attach a separate page with details if space insufficient):

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Customer's legal name: \_\_\_\_\_

Name of Authorized Representative: \_\_\_\_\_  
Please Print Signature

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Dated this \_\_\_\_ day of \_\_\_\_\_, 2021

**September 29, 2021**

**Panhandle Regional Expansion Project**  
**In Franchise Binding Reverse Open Season**

On February 17, 2021, Enbridge Gas Inc. (“**Enbridge Gas**”) issued a Panhandle Regional Expansion Project Expression of Interest and Capacity Request (“**EOI**”). Based on the interest received from the EOI, Enbridge Gas expects expansion facilities will be required to meet the incremental demands for gas distribution service. To ensure economically efficient expansion of Enbridge Gas’s pipeline system, we are now inviting binding bids for existing capacity turn-back.

Enbridge Gas is offering all existing distribution contract rate customers in the proposed project service area (see attached map on page 3) the opportunity to “turn-back” or de-contract existing distribution capacity.

Bids submitted in this Binding Reverse Open Season represent a legally binding commitment to turn back capacity. Existing customers should submit only one binding bid form for each distribution contract. Enbridge Gas, in its sole discretion, reserves the right to reject any and all bids received.

For details on the proposed Panhandle Regional Expansion Project, please visit:

[www.enbridgegas.com/PanhandleRegionalExpansion](http://www.enbridgegas.com/PanhandleRegionalExpansion)

This Binding Reverse Open Season closes, and bid forms are due, no later than **12:00 p.m. EDT Friday October 15, 2021.**

**Submitting a Bid Form**

If you wish to participate in this Binding Reverse Open Season please complete, sign and return the attached Binding Reverse Open Season Bid Form via email to [Economic.Development@enbridge.com](mailto:Economic.Development@enbridge.com). Completed forms must be returned by email on or before 12 p.m. EDT on Friday October 15, 2021. The returned Binding Reverse Open Season Bid Forms will be time-stamped by the date on the bidder’s email.

This process is designed to assist Enbridge Gas with determining the optimal facility requirements to meet market needs and prepare an application to the Ontario Energy Board for the proposed Panhandle Regional Expansion Project. Enbridge Gas will acknowledge receipt of all Reverse Open Season Bid Forms by email on or before the end of day on Monday October 18, 2021.

Any suggested contractual Condition(s) Precedent that the bidder proposes should be clearly articulated and attached to the Binding Reverse Open Season Bid Form and will be considered during the capacity turnback process.

If you have any questions about this Binding Reverse Open Season or the Panhandle Regional Expansion Project, please contact your account manager or one of the following:

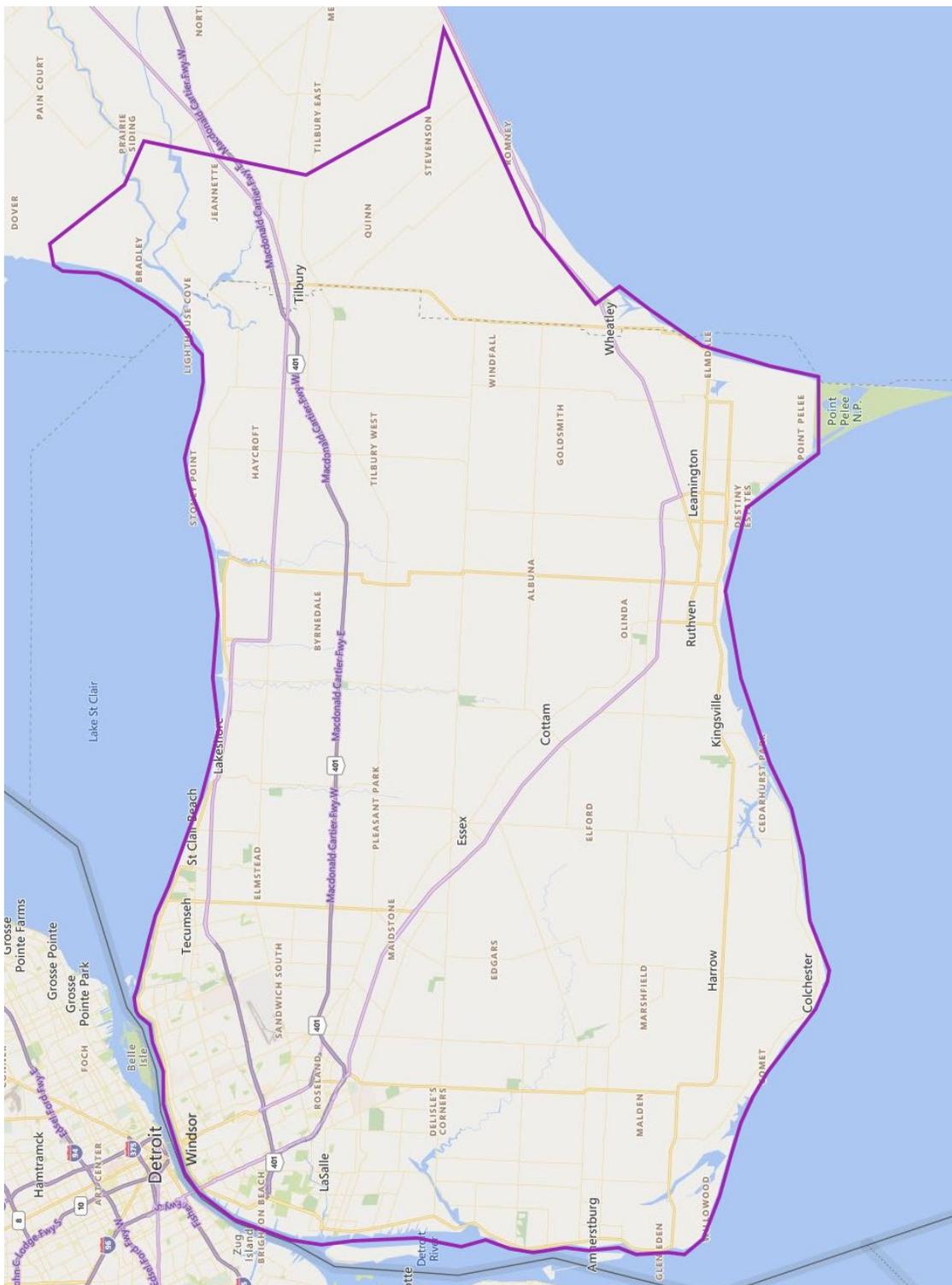
Patrick Boyer  
Account Manager  
Cell: (519) 436 4915  
[Patrick.Boyer@enbridge.com](mailto:Patrick.Boyer@enbridge.com)

Paul Rikley  
Account Manager  
Cell: (519) 350 2570  
[Paul.Rikley@enbridge.com](mailto:Paul.Rikley@enbridge.com)

Mark Noce  
Account Manager  
Cell: (289) 659 3667  
[Mark.Noce@enbridge.com](mailto:Mark.Noce@enbridge.com)

### **Proposed project service area for Binding Reverse Open Season**

The map below outlines the area that is under consideration for a potential project to expand natural gas capacity. All distribution contract rate customers holding existing Firm or Interruptible distribution capacity in this area that wish to turn back some or all of this capacity are invited to participate in this Binding Reverse Open Season.



## **Binding Reverse Open Season Bid Form:**

Please complete, sign and return this Binding Reverse Open Season Bid Form (“**Bid Form**”) on or **before 12:00 p.m. EDT on Friday October 15, 2021**, via email to [Economic.Development@enbridge.com](mailto:Economic.Development@enbridge.com)

It is understood that Enbridge will review all Bid Forms and acknowledge all Bid Forms received on or before October 15, 2021. If Bidder’s bid is accepted, with or without conditions, Enbridge will notify Bidder accordingly.

Bidders may only submit one Bid Form per distribution contract. Bid Forms will be treated as confidential and only aggregated or non-identifiable data will be used to support any application to the Ontario Energy Board.

Site address: \_\_\_\_\_ Distribution Contract SA: \_\_\_\_\_  
911 address

Binding Reverse Open Season (Turnback of existing capacity under contract at an existing site)

**Turn back existing FIRM distribution service.** The amount of firm distribution service at the identified location no longer required by the customer.

Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Turnback (m <sup>3</sup> /hr)											
Cumulative											

**Turn back existing INTERRUPTIBLE distribution service.** The amount of interruptible distribution service at the identified location no longer required by the customer.

Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Turnback (m <sup>3</sup> /hr)											
Cumulative											

Bidder Conditions Precedent for **turnback of capacity**: If the Bidder’s request to turn back excess or unwanted capacity is subject to Conditions Precedent, please include these Conditions Precedent in the space below or attach a separate page to this Bid Form:

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Bidder’s legal name: \_\_\_\_\_

Name of Authorized Representative: \_\_\_\_\_  
Please Print Signature

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Dated this \_\_\_\_ day of \_\_\_\_\_, 2021



54 Fourth Street, Chatham Ontario N7M 2G2 • (519) 352-7540



April 6, 2022

Enbridge Gas Inc.

Attention: Brian Lennie  
via email [Brian.Lennie@Enbridge.com](mailto:Brian.Lennie@Enbridge.com)

RE: Proposed Panhandle Regional Expansion Project

Dear Mr. Lennie:

As the Recognized Voice of Visionary Leadership for Business, the Chatham-Kent Chamber of Commerce fosters initiatives that enhance the economic prosperity and quality of life for the Chatham-Kent community. As such, on behalf of the Board of Directors, I am writing to indicate our support for the Enbridge Gas Panhandle Regional Expansion Project.

The Chatham-Kent Chamber of Commerce champions business excellence through investing in progressive economic and community infrastructure; fostering entrepreneurship and business linkages; integrating business and community wellness and actively promoting Chatham-Kent. Representing local businesses from retail to farming, manufacturing to service providers, we appreciate that a community that works together towards a common vision will provide Chatham-Kent, and beyond, with great opportunities and rewards.

In order for future growth in Chatham-Kent area to be realized, sufficient natural gas infrastructure will be required and expansion of service is necessary to support current and planned economic developments in the region, particularly in the fast-growing greenhouse, manufacturing sectors and, with that, residential growth of the Chatham-Kent, Windsor and Essex County area. This project is critical for attracting new and aspiring developments by guaranteeing increased access to energy needed for all sectors of the local economy.

With this in mind, the Chatham-Kent Chamber of Commerce is in strong support, and encourages the co-ordination, of such a project as proposed of Enbridge Gas. We are pleased to provide this letter of support of this valued initiative.

Yours in Prosperity,

A handwritten signature in black ink, appearing to read "Gail A.B. Hundt".

Gail A.B. Hundt  
President & CEO



# THE CITY OF WINDSOR

OFFICE OF THE MAYOR

DREW DILKENS, DBA  
MAYOR

March 31, 2022

Brian Lennie  
Enbridge Gas Inc.  
50 Keil Drive North  
Chatham, Ontario  
N7M 5M1  
Brian.Lennie@Enbridge.com

RE: Proposed Panhandle Regional Expansion Project, Enbridge Gas Inc.

Dear Mr. Lennie,

On behalf of the City of Windsor, and my colleagues on City Council, I am writing to express our support for the Enbridge Gas Panhandle Regional Expansion Project.

The City of Windsor is the southernmost city in Canada, and home to nearly 230,000 people with a diversified, innovative economy. Located directly across the river from Detroit, Windsor has historically been an automotive, industrial and manufacturing community. We have been known as the 'Automotive Capital of Canada' ever since Ford Motor Company started building the first Model C here in 1904. Today, our biggest employer is the Windsor Assembly Plant, where more than 4,000 workers proudly build the award-winning Chrysler Pacifica minivan.

Recently, we announced news of the most significant automotive economic investment for our region in a generation – right here in the City of Windsor. Stellantis and LG Energy Solutions have created a joint venture to build an EV battery manufacturing facility in our city – a \$5B investment that will create up to 3,000 new jobs. This move comes just as City Council approved the *Windsor Works* vision for economic growth and development that is positioning us as the 'Automobility Capital of Canada'. In addition to this new game-changer of a facility, Windsor is launching the design and development phase of a new regional acute care hospital that will have a major transformational impact on the future of health care in our region.

Our City is also the Canadian site of the under-construction Gordie Howe International Bridge set to open in 2024, which will solidify our status as home to the busiest commercial land crossing along the Canada-U.S. border, handling about one third of all Canada to U.S. trade. Windsor has the local talent and logistics to attract these monumental investments. We are able to market our region based on new, state-of-the-art infrastructure, unique opportunities connected to our future economy, and a high quality of life.

The Enbridge Gas Panhandle Regional Expansion Project seeks to expand energy capacity in Windsor, Essex County, and Chatham-Kent with an investment of over \$200 million to increase access to affordable and reliable energy. As more families choose to set down roots, as more businesses decide to invest and set up shop, and as upper levels of government continue to see Windsor as a strategic city in Ontario and Canada, and an international gateway to larger markets, this project represents an investment in the future of our region.

Simply put, your project ensures that Enbridge Gas continues to meet the ongoing needs of longstanding businesses and industries in Windsor, at a time we are experiencing exponential growth. This project is also critical for attracting future developments by guaranteeing increased access to energy for all sectors of the local economy.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read 'Drew Dilkens', written over the word 'Sincerely,'.

Drew Dilkens  
Mayor of the City of Windsor



Gary McNamara  
Essex County Warden  
The Corporation of the County of Essex

May 5, 2022

Enbridge Gas Inc.  
50 Keil Drive North, Chatham,  
ON N7M 5M1  
Ph: (226) 229-2692  
Brian Lennie,  
Senior Advisor, Municipal Affairs

**Sent via email to:** [brian.lennie@enbridge.com](mailto:brian.lennie@enbridge.com)

**Re: Proposed Panhandle Regional Expansion Project, Enbridge Gas Inc.**

---

Dear Mr. Lennie,

On behalf of the Corporation of the County of Essex, I am writing to express our support for the Enbridge Gas Panhandle Regional Expansion Project.

At the May 4, 2022 meeting of Essex County Council, Council passed the following resolution:

**095-2022**

**Moved By** Nelson Santos

**Seconded By** Marc Bondy

That the Corporation of the County of Essex provide a letter of support for the Enbridge Gas Panhandle Regional Expansion Project to be included in the Project's Ontario Energy Board (OEB) application, to be filed in June 2022.

The Panhandle Regional Expansion Project ensures that Enbridge Gas continues to meet the ongoing needs of longstanding businesses and industries in Essex County, Windsor, and Chatham-Kent.

Those energy needs are considerable and growing with the County of Essex experiencing significant residential, commercial and industrial growth.

☎ 519-776-6441 ext. 1327  
TTY 1-877-624-4832

📍 360 Fairview Ave. W.  
Suite # 314 Essex, ON N8M 1Y6

💻 [countyofessex.ca](http://countyofessex.ca)

**Proposed Panhandle Regional Expansion Project, Enbridge Gas Inc.**

May 5, 2022

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The population of Windsor-Essex now crests 400,000, increasing six per cent from 398,718 in 2016 to 422,630 in 2021, and our increasingly diversified economy is seeing phenomenal growth in multiple sectors like transportation and logistics, smart automotive, advanced manufacturing and agriculture and agri-tech.

Essex County has more than 4,500 acres of greenhouses, the largest vegetable greenhouse cluster in North America. Our agriculture and agri-tech sector employs more than 8,000 people across 100 food and beverage processing companies and 1,500 growers, and the food and beverage processing sector alone generates more than \$3 billion in annual revenues.

We are leaders in smart automotive and advanced manufacturing, with more than 1,000 manufacturers responsible for \$4.5 billion in annual GDP, and Stellantis and LG Energy Solution recently selected Windsor-Essex as the site of a \$5 billion battery plant that will create 3,200 direct jobs and tens of thousands of indirect jobs.

The Panhandle Regional Expansion Project will help keep this incredible momentum going and will be critical for future development by guaranteeing increased access to energy for all sectors of our regional economy.

Sincerely yours,



Gary McNamara  
Warden, County of Essex

 519-776-6441 ext. 1327  
TTY 1-877-624-4832

 360 Fairview Ave. W.  
Suite # 314 Essex, ON N8M 1Y6

 [countyofessex.ca](http://countyofessex.ca)



May 3, 2022

Enbridge Gas Inc.

Attention: Mr. Brian Lennie – Sent via email [Brian.Lennie@Enbridge.com](mailto:Brian.Lennie@Enbridge.com)

RE: Proposed Panhandle Regional Expansion Project, Enbridge Gas Inc.

Dear Mr. Lennie:

On behalf of Invest WindsorEssex, I welcome the opportunity to offer the strong support of our organization for the proposed Panhandle Regional Expansion Project, with Enbridge Gas Inc.

As the leading economic development agency in Windsor and Essex County responsible for advancing economic development in the region, we know that an important part of this practice is ensuring that key infrastructure enhancements are in place to meet the ongoing needs of longstanding businesses in key industry sectors, and new and future investments. The Panhandle Expansion Project is critical to guaranteeing increased access to reliable and sustainable energy for all current and future business in our region and supporting the prosperity of our local economy.

This key energy infrastructure expansion will ensure that we meet the needs of our growing key sector industries and their emergence into new and innovative economies with a reliable and sustainable natural gas supply. This project is essential to our region and the strategic 401 corridor as we continue to work towards developing a solid base for local and global investment.

The Windsor-Essex region is preparing for significant changes as we navigate back into the pre and post pandemic era. We are preparing for significant investment and transformative innovation that will drive the economic prosperity of the region and the Province and we are realizing some of those investments right now, as our region continues to diversify its economy.

The following announcements are just a sampling of the large infrastructure projects that have been made public:

- The Stellantis-LG Energy Solutions joint venture, battery plant investment in Windsor of over \$5B, with the prospect of approx. 2,500 jobs
- Stellantis investment of \$3.6B in its Windsor and Brampton facilities with the added return of 3-shift operations; The Windsor portion includes a re-tooling of the Windsor Assembly Plant, and a transformation to support production of a new multi-energy vehicle (MEV) architecture that will provide battery-electric (BEV) capability for multiple models, and, the expansion of its Automotive Research and Development Centre (ARDC) will see it become the first battery lab in North America, The Battery Lab will be a state-of-the-art technology centre for the development and validation of advanced BEV, PHEV and HEV cells, modules and battery packs. The new 100,000-square-foot facility will be added to the existing building with completion expected by the end of 2023.

- Amazon has committed to building a 200,00 square feet Fulfillment Centre in Windsor and expected to employ approximately 300 people. Construction on the project is scheduled to get underway in May

Our local agri-food businesses have also seen a tremendous uptake in their products in the past year. A homegrown food chain is important to our province's food supply chain and much of the energy innovation taking place within our expanding greenhouse industry depends on reliable natural gas. Our industry associations and their key sector stakeholders have been very clear and demonstrative about their critical need for the construction of important energy infrastructure that will allow timely customer connections, attract economic investment, and address system capacity issues, to meet their local expansion investments. Our region is an economic hub and plays a strategic role in Ontario's supply chain and economic recovery from this global pandemic. Any delay in the enhancement of critical energy enhancements such as the Panhandle Expansion Project, places our region at risk of losing significant investment to competing jurisdictions outside of Ontario and Canada while still investing in driving the economy of the future.

At Invest Windsor Essex we want to attract and retain the best businesses and talent from across the continent and globe. That is one of the reasons why we recently changed our name, because our goal is to ensure our region remains competitive for both local and foreign investment, and that is why reliable and sustainable infrastructure is essential to accomplishing this.

Advancing infrastructure that will benefit our businesses and communities is of vital importance. Governments need to work closely together to make sure that infrastructure can keep up with the needs of business and our region.

On behalf of Invest WindsorEssex, I encourage you to move this initiative forward. If you have any questions, or require any additional information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'C. Stephen MacKenzie', with a stylized flourish at the end.

C. Stephen MacKenzie  
President & Chief Executive Officer

p: +1 519-997-2399

m: 226-345-1256

e: [smackenzie@investwindsoressex.com](mailto:smackenzie@investwindsoressex.com)



318 Erie Street South, Leamington, ON N8H 3C5 -519-326-2721  
[www.leamingtonchamber.com/wendyp@leamingtonchamber.com](http://www.leamingtonchamber.com/wendyp@leamingtonchamber.com)

April 13, 2022

Enbridge Gas Inc.  
Brian Lennie via email [Brian.Lennie@Enbridge.com](mailto:Brian.Lennie@Enbridge.com)

RE: Proposed Panhandle Regional Expansion Project, Enbridge Gas Inc.

Dear Mr. Lennie,

On behalf of the Leamington District Chamber, I am writing to express our support for the Enbridge Gas Panhandle Regional Expansion Project.

The Leamington District Chamber of Commerce is a business organization dedicated to serving our members through advocacy and the provision of services. This helps to encourage the economic and social development of this area.

This project ensures that Enbridge Gas continues to meet the ongoing needs of longstanding businesses and industries in Essex County, Windsor, and Chatham-Kent

Although the ongoing COVID-19 pandemic has continued to impact our region in various ways, our key industry sectors have managed to rise above many challenges to maintain and increase their productivity while preparing for a new and innovative tomorrow. We see this positive trend demonstrated by the continuous growth of employment for the Kingsville-Leamington area where overall employment has grown from approximately 44,000 in 2020 to approximately 56,000 in 2021 (Stats Canada). Given these strong indicators, we can clearly see that the continued growth of our over businesses, will continue and will benefit from enhanced infrastructure support like this Panhandle Regional Expansion Project from Enbridge.

This project is also critical for attracting future developments by guaranteeing increased access to energy for all sectors of the local economy.

Sincerely,

A handwritten signature in black ink, appearing to read "Wendy Parsons".

Wendy Parsons  
General Manger  
LDCC

A large, stylized handwritten signature in black ink, appearing to read "Jen Dawson".

Jen Dawson  
Chamber Board President  
LDCC

April 26, 2022

Enbridge Gas Inc.  
Brian Lennie  
Via email [Brian.Lennie@Enbridge.com](mailto:Brian.Lennie@Enbridge.com)

**Re: Proposed Panhandle Regional Expansion Project, Enbridge Gas Inc.**

Dear Mr. Lennie:

On behalf of the Municipality of Chatham-Kent, I am writing to express Council's support for the Enbridge Gas Panhandle Regional Expansion Project.

At the April 25, 2022 meeting of the Municipality of Chatham-Kent Council, Council passed the following resolution:

"That Council send a letter of support for the Panhandle Expansion Project."

The Panhandle Regional Expansion Project ensures that Enbridge Gas is able to continue providing exceptional service and meet the ongoing needs of longstanding businesses and industries in Chatham-Kent, Windsor and Essex County.

Chatham-Kent is experiencing an exceptional period of growth, and this project ensures the future needs of our residents, businesses, industries, and the agricultural sector in terms of natural gas consumption can be met.

The Panhandle Expansion is critical for attracting future development in all sectors by guaranteeing increased access to energy within all segments of the local economy.

Our community is cementing itself as an important economic hub and is undeniably positioned to continue as a hotspot for growth in Southwestern Ontario. Enbridge's commitment to this project and the significant investment it entails will be a keystone in our economic growth, and as such, myself and Council are fully supportive of this initiative.

If you have any questions or comments, please contact Judy Smith at [ckclerk@chatham-kent.ca](mailto:ckclerk@chatham-kent.ca).



Darrin Canniff, Mayor/CEO  
Municipality of Chatham-Kent



May 11, 2022

Enbridge Gas Inc.  
50 Keil Drive North  
Chatham, ON N7M5M1

Attn: Brian Lennie, Senior Advisor, Municipal Affairs

Dear Mr. Lennie:

**RE: Letter of Support – Enbridge Gas Panhandle Regional Expansion Project**

At their meeting held May 10, 2022 the Council of the Municipality of Lakeshore passed the following resolution:

**187-05-2022**

Direct the Clerk to send a letter of support to Enbridge Gas Inc. indicating Council's support of its application to the Ontario Energy Board regarding the Enbridge Gas Panhandle Regional Expansion Project, as presented at the May 10, 2022 Council meeting.

Carried Unanimously

Should you have any questions regarding the above-noted resolution, please feel free to contact me at 519-728-1975 x 235 or [clerk@lakeshore.ca](mailto:clerk@lakeshore.ca).

Sincerely,

Brianna Coughlin  
Division Leader – Civic Affairs

Cc: Marco Villella, Division Leader – Engineering & Infrastructure Services



2021 Division Road North  
Kingsville, Ontario N9Y 2Y9  
Phone: (519) 733-2305  
[www.kingsville.ca](http://www.kingsville.ca)  
[kingsvilleworks@kingsville.ca](mailto:kingsvilleworks@kingsville.ca)

VIA EMAIL ([Brian.Lennie@Enbridge.com](mailto:Brian.Lennie@Enbridge.com))

May 13, 2022

Enbridge Gas  
50 Keil Drive North  
Chatham, ON N7M 5M1

Attention: Brian Lennie

Dear Mr. Lennie:

**RE: Proposed Panhandle Regional Expansion Project, Enbridge Gas Inc.**

On behalf of Council of The Corporation of the Town of Kingsville, I am writing to express the Town of Kingsville's support for the Enbridge Gas Panhandle Regional Expansion Project. At its Regular Meeting held May 9, 2022 the Council of The Corporation of the Town of Kingsville passed the following resolution:

**#219-05092022**

**Moved By** Councillor Tony Gaffan

**Seconded By** Deputy Mayor Gord Queen

*That Council supports the Panhandle Regional Expansion Project.*

**CARRIED**

The Panhandle Regional Expansion Project ensures that Enbridge Gas continues to meet the ongoing needs of longstanding businesses and industries in Essex County, Windsor, and Chatham-Kent. This project is also critical for attracting future developments by guaranteeing increased access to energy for all sectors of the local economy.

Yours truly,

A handwritten signature in blue ink that reads "Sandra Kitchen".

Sandra Kitchen, Deputy Clerk-Council Services  
Legislative Services Department  
[skitchen@kingsville.ca](mailto:skitchen@kingsville.ca)

# WINDSOR-ESSEX REGIONAL Chamber of Commerce

April 13, 2022

Enbridge Gas Inc.  
Brian Lennie via email [Brian.Lennie@Enbridge.com](mailto:Brian.Lennie@Enbridge.com)

RE: Proposed Panhandle Regional Expansion Project, Enbridge Gas Inc.

Dear Mr. Lennie,

On behalf of the Windsor-Essex Regional Chamber of Commerce, I am writing to express our support for the Enbridge Gas Panhandle Regional Expansion Project.

The Windsor-Essex Chamber's mission is to be the key connector and advocate for the long-term business success of our members. We represent 700 member-businesses, with approximately 68,000 employees in the Region. We are also proud to be part of the provincial and federal Chamber networks with the Ontario and Canadian Chambers of Commerce.

One of the ongoing advocacy issues we hear from our members is the rising cost of doing business and the increase in energy demand to serve the growth needs of the region. The Panhandle Regional Expansion Project ensures that Enbridge Gas continues to meet the ongoing needs of longstanding businesses and industries in Windsor and Essex County by increasing access to affordable and reliable energy.

Our Region is experiencing momentous growth and population expansion. Notably, the recent announcement by Stellantis and LG Energy Solutions of a new \$5 billion electric vehicle battery plant will create 2,500 new jobs in Windsor. This is just one example of the tremendous growth Windsor-Essex is expecting in the near future.

This project is also critical for attracting future developments by guaranteeing increased access to energy for all sectors of the local economy.

Sincerely,



Rakesh Naidu  
President & CEO  
Windsor-Essex Regional Chamber of Commerce



Ontario Greenhouse Vegetable Growers  
32 Seneca Road  
Leamington ON  
N8H 5H7  
OGVG.com

May 17, 2022

Enbridge Gas Inc.

Brian Lennie

50 Keil Dr. N, Chatham, ON

RE: Proposed Panhandle Regional Expansion Project, Enbridge Gas Inc. – Letter of Support

Dear Mr. Lennie,

On behalf of the Ontario Greenhouse Vegetable Growers (OGVG), we are pleased to provide this letter to Enbridge Gas Inc. regarding our support for the Enbridge Gas Panhandle Regional Expansion Project. OGVG represents 220 greenhouse vegetable farms in Ontario that produce primarily fresh tomatoes, cucumbers, and peppers. Greenhouse vegetable production is integral to a strong and resilient domestic food supply system and produce nutritious and affordable food for Ontarians. As more greenhouse acreage is developed, the need for access to natural gas is critical to the success of the sector's goal, which is to produce affordable food for Canadians, 365 days of the year. As growth is expected to increase 5% year-over-year for the next 5 years, we anticipate seeing an additional 2000 acres of greenhouse agriculture being developed by 2030. Natural gas is necessary now more than ever, as we implement technology that will allow more greenhouse farms to grow year-round, effectively extending the annual production cycle. This directly translates to more affordable food, more jobs created and ultimately, robust economies in the communities in which we serve.

The Enbridge Gas Panhandle Regional Expansion Project ensures Enbridge Gas continues to meet the ongoing needs of longstanding businesses and industries in Windsor and Essex County. Our member farms are significant businesses in the region, employing tens of thousands of Ontarians and offshore workers alike. With building costs approaching \$2 M per acre, significant investments in our communities and ancillary businesses benefit greatly from the greenhouses being able to be developed and operationalized. This project is also critical for attracting future developments by guaranteeing increased access to energy for all sectors of the local economy.

The importance of this infrastructure asset can not be understated. Investing in our future requires investment in Ontario now.

Sincerely,

  
George Gilvesy,  
Chair

  
Joseph Sbrocchi  
Executive Director & General Manager



← INSPIRED BY FLAVOR

Mastronardi Produce Ltd. | 2100 Road 4 East | Kingsville, ON CANADA | N9Y 2E5  
P: 519 326 1491 | F: 519 326 8799

May 5, 2022

Mastronardi Produce Ltd  
2100 Road 4 East  
Kingsville, ON N9Y2E5

Enbridge Gas Inc.  
Brian Lennie via email [Brian.Lennie@Enbridge.com](mailto:Brian.Lennie@Enbridge.com)

RE: Proposed Panhandle Regional Expansion Project, Enbridge Gas Inc.

Dear Mr. Lennie,

On behalf of Mastronardi Produce Ltd., I am writing to express our support for the Enbridge Gas Panhandle Regional Expansion Project.

The Panhandle Regional Expansion Project ensures that Enbridge Gas continues to meet the ongoing needs of longstanding businesses and industries in Windsor, Essex County, and Chatham-Kent.

Mastronardi Produce is the largest fresh produce protected agriculture marketing company in North America with distribution specializing in tomatoes, cucumbers, peppers and berries. What began in the 1940s as a small commercial greenhouse is now more than 4,500 acres of protected agriculture production, including state-of-the-art greenhouse facilities in Canada, the United States, and Mexico. All facilities are monitored with Mastronardi quality control representatives. Mastronardi Canada's gross annual sales exceeded \$1.6 billion USD in 2019. As the largest fresh produce protected agriculture company in North America, Mastronardi's continued operations and those of its subsidiaries are vital to production and distribution of both Canadian food supplies. The lack of gas supply/capacity has significantly hindered our plans to expand and has pushed expansion elsewhere.

This project is also critical for attracting future developments by guaranteeing increased access to energy for all sectors of the local economy.

Sincerely,



[sunsetgrown.com](http://sunsetgrown.com)

**Mucci Farms Ltd.**

1876 Seacliff Drive  
Kingsville, Ontario  
N9Y 2N1  
Phone: 519-326-8881  
Fax: 519-326-6397



May 10, 2022

Enbridge Gas Inc.  
Brian Lennie via email [Brian.Lennie@Enbridge.com](mailto:Brian.Lennie@Enbridge.com)

RE: Proposed Panhandle Regional Expansion Project, Enbridge Gas Inc.

Dear Mr. Lennie,

On behalf of Mucci Farms and the Mucci Group of Companies, I am writing to express our support for the Enbridge Gas Panhandle Regional Expansion Project.

The Panhandle Regional Expansion Project ensures that Enbridge Gas continues to meet the ongoing needs of longstanding businesses and industries in Windsor, Essex County, and Chatham-Kent.

Mucci Farms is a well-established business in the Kingsville. It currently operates more than 270 acres of greenhouses in the area, growing cucumbers, tomatoes, peppers, and strawberries. We are excited to continue our growth of the business in the near and distant future. We currently have another 150 acres of greenhouses slated to be constructed within the next 5 years, or sooner.

Natural gas continues to be the main source of fuel for heating the greenhouses in Kingsville. It is important to Mucci Farms to have a stable, economically sound, and viable source of energy for our operations today and in the future. If the availability of natural gas is limited or restricted in the future, it would be catastrophic for our company and the greenhouse industry in the Kingsville area.

In addition to the needs of Mucci Farms, this project is also critical for attracting future developments by guaranteeing increased access to energy for all sectors of the local economy, including all the spin off developments related to the greenhouse sector.

Sincerely,

George Dekker,  
Project Manager



May 16, 2022

Nature Fresh Farms  
634 Mersea Road 7  
Leamington ON, N8H 3V8

Enbridge Gas Inc.  
Brian Lennie via email [Brian.Lennie@Enbridge.com](mailto:Brian.Lennie@Enbridge.com)

RE: Proposed Panhandle Regional Expansion Project, Enbridge Gas Inc.

Dear Mr. Lennie,

On behalf of Nature Fresh Farms Inc., I am writing to express our support for the Enbridge Gas Panhandle Regional Expansion Project.

The Panhandle Regional Expansion Project ensures that Enbridge Gas continues to meet the ongoing needs of longstanding businesses and industries in Windsor, Essex County, and Chatham-Kent. At Nature Fresh Farms we employ over 500 people, and provide fresh, nutritious vegetables such as tomatoes, cucumbers, and peppers to people all over Canada and the United States. We believe that Canada's domestic food supply is critical to the security of our country and that further expansion of this industry is the best way to ensure that all Canadians have the nutrition they need to live happy, productive lives. To this end, we have big plans for future expansion which are contingent upon being able to access the utilities, including natural gas that modern greenhouses require. This project is also critical for attracting future developments by guaranteeing increased access to energy for all sectors of the local economy.

Sincerely,

A handwritten signature in blue ink, appearing to read "John Ketler", is written over the word "Sincerely,".

John Ketler  
President

525 Essex rd 14, PO Box 400  
Leamington, ON N8H 3W5

T: 519 326 8603  
[info@naturefresh.ca](mailto:info@naturefresh.ca)

[naturefresh.ca](http://naturefresh.ca)



**Atura Power**  
1415 Joshuas Creek Dr., Unit #101  
Oakville, ON L6H 7G4  
aturapower.com

May 12, 2022

Sutha Ariyalingam  
Manager, Strategic & Power Markets  
Enbridge Gas  
500 Consumers Rd.  
North York, Ont.  
M2J 1P8

**Re: Panhandle Expansion Project**

Dear Sutha,

Atura Power ("Atura") supports Enbridge Gas' Panhandle Expansion Project and has submitted an expression of interest and executed a distribution contract to secure pipeline capacity for firm natural gas delivery to our Brighton Beach Generating Station ("BBGS"), located at 100 Broadway St., Windsor, Ontario.

As outlined in the Independent Electricity System Operator ("IESO") Annual Acquisition Report (AAR), Atura is currently negotiating with the IESO to supply electricity from BBGS. Due to the strong local demand growth in the Southwest Region, Atura strongly believes BBGS will continue to play a critical role in maintaining regional reliability beyond 2028 as the IESO roles out its medium-term and long-term procurement plans to secure resources as per the AAR.

BBGS is part of the largest, most efficient gas-fired fleet in Ontario, and helps enable Ontario's clean-energy future by providing reliable, low-cost power for the daily needs of the province. BBGS's flexible energy supply is readily available during peak demand periods with the ability to vary output to help meet Ontario's electricity demand.

Sincerely,

A handwritten signature in black ink that reads "N Vasquez".

Noralyn Vasquez  
Manager, Contracts and Settlements  
Atura Power



May 12, 2022

**Sent Via E-Mail to [Brian.Lennie@Enbridge.com](mailto:Brian.Lennie@Enbridge.com)**

Enbridge Gas Inc.  
Brian Lennie  
3840 Rhodes Drive,  
Windsor, ON N9A 6N7

**RE: Proposed Panhandle Regional Expansion Project, Enbridge Gas Inc.**

Dear Mr. Lennie,

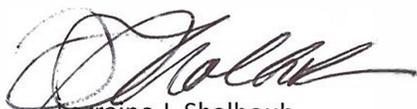
On behalf of FCA Canada Inc. (Stellantis), we are writing to express our support for the Enbridge Gas Panhandle Regional Expansion Project.

Manufacturing in Ontario is in an ever-changing environment and energy costs and availability can be a challenge for our operations in the province, particularly in the Windsor area where we employ approximately 4,300 individuals. This Project will assist with ensuring for a dependable supply to meet our current and future long term demands in the Windsor-Essex County region.

Uninterrupted and firm natural gas delivery is critical to our manufacturing operations. This Project is also critical for attracting future investment and developments by guaranteeing increased access to energy for all sectors of the local economy. As Stellantis looks to its future, it is imperative that we have reliable and affordable access to energy, which we trust the Gas Panhandle Regional Expansion Project will deliver.

Please do not hesitate to contact us should you have any questions or concerns regarding our support for this Project.

Sincerely,



Lorraine J. Shalhoub  
Vice President, General Counsel

## PANHANDLE SYSTEM DESIGN AND NETWORK ANALYSIS

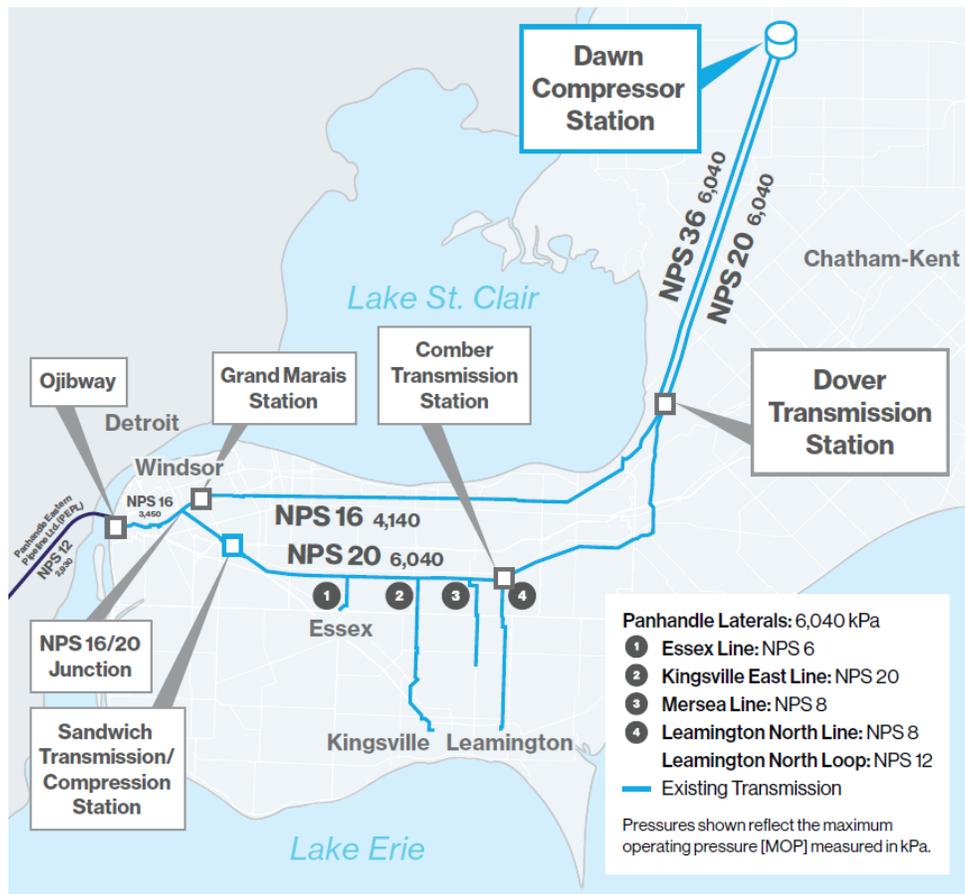
1. The purpose of this section of evidence is to: i) provide an overview of the current and future design and operation of Enbridge Gas's Panhandle System, and ii) to describe the network analysis methodology and its results which demonstrate the existing Panhandle System will be unable to meet the demands as detailed in Exhibit B, Tab1, Schedule 1 by the winter of 2023/2024.
2. This Exhibit includes the following sections:
  - A. Panhandle System Overview
  - B. Panhandle System Design
  - C. Panhandle System Supply and Demand
  - D. Panhandle System Network Analysis
  - E. Conclusion

### **A. Panhandle System Overview**

3. The Panhandle System is the transmission system that supplies natural gas to the Panhandle Market. The Panhandle System also provides C1 Rate transportation services from Michigan through the Ojibway Valve Site ("Ojibway") to the Dawn Compressor Station ("Dawn" or "Dawn Hub"). Figure 1 below illustrates the Panhandle System and the market areas it supplies.
4. The Panhandle System is critical to providing safe, reliable, and affordable natural gas to Enbridge Gas's in-franchise residential, commercial, and industrial customers in the Panhandle Market. A cost competitive energy supply is fundamental to economic well-being and growth in Ontario. As detailed in Exhibit B, Tab 1, Schedule 1, the forecast rate of growth in the Panhandle Market has surpassed

Enbridge Gas’s expectation. This increased forecast growth, and the resulting network analysis are showing the demands will be greater than the system capacity by the winter of 2023/2024.

**Figure 1: The Panhandle System Overview**



5. As shown in Figure 1 above, Enbridge Gas’s Panhandle System includes the following pipelines:
  - i) A NPS 36 pipeline, approximately 40 km in length, from Dawn to Dover Transmission Station (“Dover Transmission”) with a maximum operating pressure (“MOP”) of 6040 kPag;

- ii) A NPS 16 pipeline (“NPS 16 Panhandle Line”) from Dover Transmission to Grand Marais Station with a MOP of 4140 kPag<sup>1</sup>. The NPS 16 continues from Grand Marais Station to Ojibway with a MOP of 3450 kPag;
  - iii) A NPS 20 pipeline (“NPS 20 Panhandle Line”) from Dawn to Sandwich Transmission Station (“Sandwich”) with a MOP of 6040 kPag. The NPS 20 continues into the City of Windsor and connects with the NPS 16 near Grand Marais Station (referred to as the “NPS 16/20 Junction”) with a MOP of 3450 kPag; and
  - iv) Two NPS 12 pipelines (“Detroit River Crossing” or “the crossings”) connect the NPS 16 Panhandle Line at Ojibway to the Panhandle Eastern Pipeline System (“Panhandle Eastern”)<sup>2</sup> at the International Border. This interconnection was established in 1947 and is commercially known as Ojibway. The Detroit River Crossing MOP is 2930 kPag.
6. The Panhandle System also includes the following four transmission laterals which are connected to the NPS 20 Panhandle Line, each having a MOP of 6040 kPag:
- i) A NPS 6 pipeline extending approximately 5 km towards Essex (“Essex Line”);
  - ii) A NPS 20 pipeline extending approximately 19 km towards Kingsville (“Kingsville East Line”)<sup>3</sup>;
  - iii) A NPS 8 pipeline extending approximately 10 km towards Leamington and Kingsville (“Mersea Line”); and

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<sup>1</sup> A portion of the NPS 16 pipeline from Ruscom Launcher/Receiver Site to Patillo Station was replaced with an NPS 20

<sup>2</sup> Panhandle Eastern Pipe Line Company, LP is owned by Energy Transfer Equity L.P.

<sup>3</sup> EB-2018-0013 OEB Decision and Order dated September 20, 2018.

iv) A NPS 8 (“Leamington North Line”) and an NPS 12 (“Leamington North Loop”) each, extending approximately 15 km towards Leamington.

7. Sandwich also includes a compressor (“Sandwich Compressor”). The Sandwich Compressor facilitates the easterly C1 Rate transportation from Ojibway to Dawn during times when the Windsor market demand is insufficient to consume all supply coming from Ojibway.

## **B. Panhandle System Design**

8. Enbridge Gas plans its facilities to reliably serve firm in-franchise customer demand on the coldest observed day on record, which is referred to as the “Design Day.” Since the majority of firm in-franchise customers served by the Panhandle System are heat sensitive, their maximum demands occur on the Design Day.
9. The Design Day demand for the Panhandle System is the amount of firm in-franchise customer demand Enbridge Gas is committed to serve on the Panhandle System on the Design Day. The Design Day demand for the Panhandle System is the sum of the firm general service and firm Contract Rate customer demand served by the system. Ex-franchise easterly C1 Rate transportation and Interruptible in-franchise contract rate demands are not included in the Design Day demand as they are not controlled by Enbridge Gas and are not guaranteed to arrive on Design Day.
10. The Panhandle System Design Day weather condition is a 43.1 Heating Degree Day (“HDD”), which represents an average daily temperature of -25.1 degrees centigrade. This HDD is the coldest observed day on record based on temperature and wind speed data from the London Airport which consists of recorded

temperature and wind speeds since 1953<sup>4</sup>. Using a coldest observed on record methodology ensures Enbridge Gas's South Rate Zone<sup>5</sup> customers can continue to be safely and reliably served during the coldest winters.

11. The assumptions used to develop Design Day demands and the Design Day network analysis of the Panhandle System include the following:
- All in-franchise interruptible contract rate customer demands have been curtailed;
  - All in-franchise general service and contract rate customers consume volumes equivalent to the Design Day estimates, which are derived from firm contract demand, historical consumption, and forecast growth;
  - There are no supply failures of Enbridge Gas's Gas Supply Plan deliveries arriving at Ojibway;
  - Ex-franchise Rate C1 transportation contracts from Ojibway to Dawn are not considered as a firm supply for Design Day;
  - Required pressure and supply are available from Dawn;
  - System cannot operate above its maximum operating pressure;
  - Must operate within flow and minimum inlet pressure constraints at meter and regulating stations;
  - Must operate above customers minimum contractual delivery pressures; and
  - Must operate above minimum suction pressure at Sandwich Compressor.

12. The Panhandle System currently has two minimum pressure constraints which must be maintained:

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<sup>4</sup> The Windsor region has recently experienced temperatures as cold as 43.7 HDD (observed on Jan 30, 2019), which is higher than the current Panhandle System Design Day of 43.1 HDD.

<sup>5</sup> The South Rate Zone includes customers located west of Mississauga, south of Owen Sound and east of Windsor.

- The BBGS is located at the extreme western end of the Panhandle System just east of Ojibway. The pressure constraint for the entire Panhandle System is located at the outlet of the BBGS customer station, where the contracted minimum delivery pressure must be maintained at or above 1,724 kPag; and
- The Leamington North Gate Station is the endpoint of the Leamington North Line which is a lateral connected to the NPS 20 Panhandle Line. The system pressure at the Leamington North Gate Station must be maintained at or above of 2,275 kPag.

13. If these constraints cannot be met on Design Day considering the assumptions listed above, then a Panhandle System capacity shortfall is identified.

### **C. Panhandle System Supply and Demand**

#### *System Supply*

14. The Panhandle System's firm in-franchise demand is served primarily from the Dawn Hub and supplemented from a combination of supply sources including Ojibway and the Chatham D storage pool. North American natural gas market dynamics as they relate to Dawn and Ojibway are further detailed within Exhibit B, Tab 3, Schedule 1.
15. Currently on Design Day, the Panhandle System supply predominantly flows westerly from the Dawn Hub towards Windsor. Dawn serves approximately 89% or 601 TJ/d of the Design Day demand. Approximately 9% or 60 TJ/d of the Design Day demand is served from Ojibway using Enbridge Gas's firm system Gas Supply Plan contracted deliveries. Enbridge Gas relies on firm sales service deliveries from the Gas Supply Plan to reduce the need for physical transportation from the Dawn

Hub, and therefore reduces the need for pipeline facilities. Ojibway enables access to natural gas supplies shipped on the Panhandle Eastern system and contributes to the security and diversity of Enbridge Gas's natural gas supply portfolio and supply to the Dawn Hub. The remaining 2% or 11 TJ/d of the Design Day demand is served from the Enbridge Gas' Chatham D storage pool.

16. The Panhandle System's ability to accept supply at Ojibway on a firm basis is limited by the physical Panhandle System assets and the minimum Panhandle Market available to consume gas between Ojibway and Dawn. The minimum firm Panhandle Market is limited by the base load summer Windsor market demands and the capacity of Sandwich Compressor to compress gas from Windsor towards Dawn. The capacity of the Sandwich Compressor is 80 TJ/d and limited by the fixed amount of horsepower available. Due to the increased amount of heat load, the winter Windsor market is larger than the summer Windsor market. The Panhandle System's ability to accept supply at Ojibway is limited to 115 TJ/d in the summer and 140 TJ/d in the winter.
17. Furthermore, incremental supply deliveries at Ojibway from Panhandle Eastern can only efficiently serve demands in the far west end of the Panhandle Market in Windsor between Ojibway, Grand Marais Station and Sandwich Compressor.
18. The 115 TJ/d summer market (the firm minimum market) dictates the maximum amount of import supply volume that can be contracted on an annual firm basis. Enbridge Gas is not operationally able to guarantee that import volumes greater than this amount can be accepted in the summer. As stated in the PRP proceeding (EB-2016-0186) and again in the KTRP proceeding (EB-2018-0013), this maximum

capacity limit of 115 TJ/d is not artificial<sup>6</sup>. Rather, as noted in response to EB-2016-0186, Exhibit JT1.5 and further reiterated in the Company’s Reply Argument, the amount of firm import volume is determined based on available market and facility/system capability:

“The limit is based on sound methodology that uses historical data over a significant period of time. The maximum firm import capacities are determined based on available Windsor market and facility/system capability. The available market at Ojibway is calculated based on an average of the lowest demands for 20 days of each month. This average value is compared each month across a rolling 5-year timeframe to determine a reasonably available market and to create a minimum demand profile.”<sup>7</sup>

19. The OEB accepted this limit in their Decision and Order:

“In considering alternatives, Union must select one that will provide sufficient pressure on its NPS 20 on the Panhandle System to serve this area. The OEB accepts Union’s evidence that the annual maximum supply capacity at Ojibway is now 115 TJ/day given the design day forecast, forecast Windsor demand, pressure requirements and other operational considerations of the Panhandle System.”<sup>8</sup>

20. Table 1 below summarizes the annual (long term) and seasonal (short term) import capabilities from Ojibway on the Panhandle System and the amount of C1 Rate transportation capacity currently contracted on the Ojibway to Dawn path.

Table 1 – Ojibway Import Capability to Enbridge Gas Panhandle System

<b>Capacity</b>	<b>Long-Term (Annual) [TJ/d]</b>	<b>Short-Term (Winter-Only) [TJ/d]</b>
Total Ojibway Import Capability	115	140
Gas Supply (Included in Design Day)	60	60
Ojibway to Dawn C1 Service <sup>9</sup>	37	37
Available Capacity	18	43

<sup>6</sup> EB-2018-0013, Exhibit A, Tab 4, P. 4 and EB-2016-0186, Exhibit A, Tab 4, P. 4.

<sup>7</sup> EB-2016-0186 Reply Argument, December 30, 2016, P. 26, Para 73.

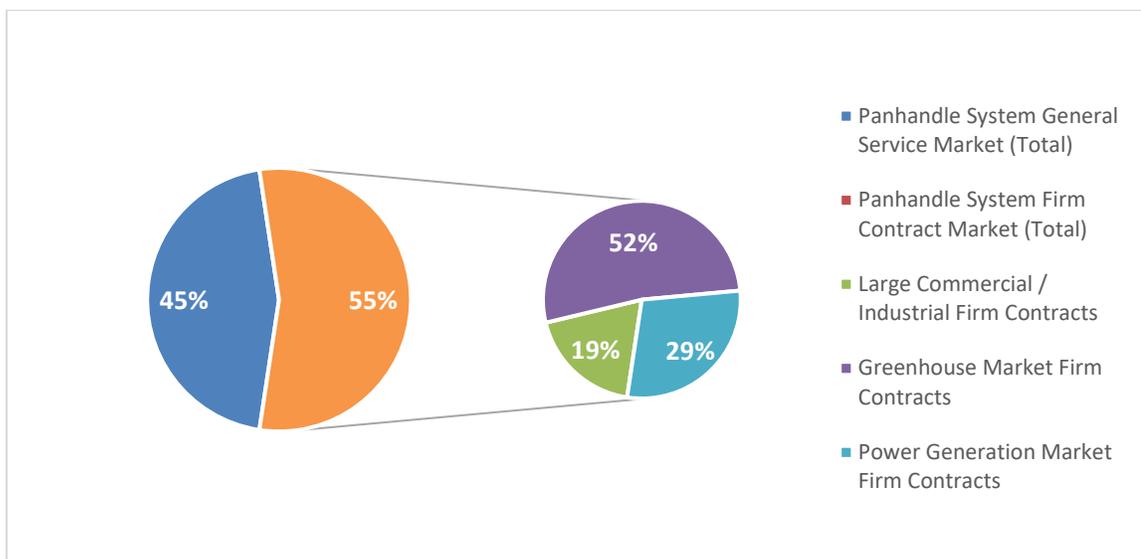
<sup>8</sup> EB-2016-0186 Decision and Order (dated February 23, 2017), p. 15.

<sup>9</sup> As explained in Exhibit B, Tab 3, Schedule 1, this capacity is held by a single shipper (ROVER Pipeline LLC)

*Current System Demand*

21. On Design Day, Enbridge Gas must have enough capacity to serve all firm in-franchise general service and contract rate demands served by the Panhandle System. Figure 2 below provides a summary of firm demand by customer type for Winter 2021/2022.
22. The general service (Rate M1 and Rate M2) demand consists of residential, commercial, and small industrial customers. Approximately 45% of the firm demand served by the Panhandle System is for the general service customers.
23. The contract rate (M/BT4, M/BT5, M/BT7, T-1 and T-2) demand accounts for about 55% of the firm demand served by the Panhandle System. The contract rate demand consists of power generation, greenhouse and large commercial/industrial. The current mix is 29% power generation, 52% greenhouse and 19% large commercial/industrial customers.

Figure 2: Panhandle System Demand Summary for Winter 2021/2022



24. When the HDD is lower than the Design Day HDD, firm demand on the system is lower than on Design Day. This situation creates capacity on the system to serve interruptible demand. As the HDD decreases (warmer ambient temperature), more interruptible demand can be served, subject to the contractual limitation of 40 days of interruption per year.

25. Some customers are willing to take interruptible service on a temporary short-term basis until firm service becomes available. Interruptible demand accounts for approximately 11% of the total system demand on the Panhandle System. Table 2 below provides a summary of firm and interruptible demands on the Panhandle System by customer type.

Table 2: Panhandle System Demands by Service Type for Winter 2021/2022

Service Type	Demands (TJ/d)
General Service (firm)	304
Contract Rate (firm)	368
Contract Rate (Interruptible)	83
Total	755

26. Enbridge Gas continues to offer customers the ability to turn back firm service and select interruptible service. This offering, if accepted, would reduce Design Day firm demands. As described in Exhibit B, Tab 1, Schedule 1, to date there has been no interest from customers to turn back firm service.

## D. Panhandle System Network Analysis

27. The Panhandle System capacity for Winter 2021/2022 is 713 TJ/day<sup>10</sup>. The forecasted firm demand on the Panhandle System for Winter 2021/2022 is 672 TJ/day. A forecast of the Panhandle System capacity, Design Day demand, and shortfall is detailed in Table 3 below.

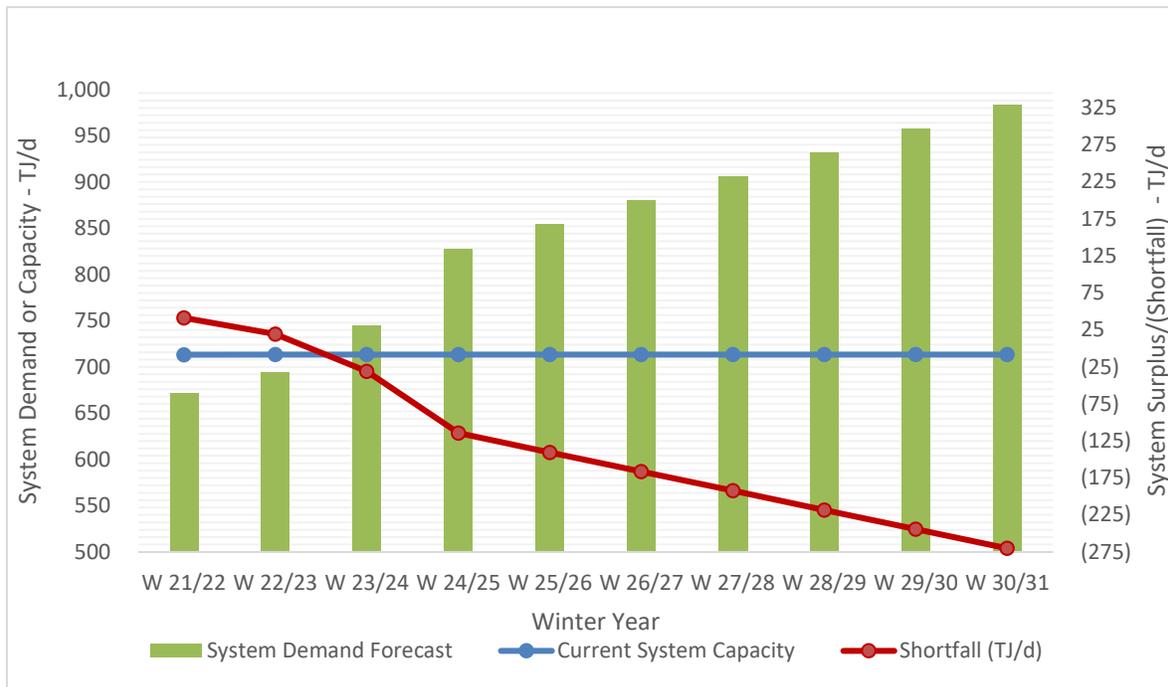
Table 3: Panhandle System Capacity, Design Day Demand, and Shortfall

	Historical Actuals		FORECAST									
	Winter 19/20	Winter 20/21	Winter 21/22	Winter 22/23	Winter 23/24	Winter 24/25	Winter 25/26	Winter 26/27	Winter 27/28	Winter 28/29	Winter 29/30	Winter 30/31
<b>Panhandle System Capacity (TJ/d)</b>	725	725	713	713	713	713	713	713	713	713	713	713
<b>Design Day Demand Forecast (TJ/d)</b>	640	656	672	694	744	828	854	880	906	932	958	983
Surplus (shortfall is negative) (TJ/d)	84	69	41	20	(31)	(114)	(140)	(166)	(192)	(218)	(244)	(270)

28. In Winter 2022/2023, the Design Day demand is expected to increase to 694 TJ/d and is forecast to further increase to a Design Day demand of 744 TJ/d in Winter 2023/2024. This demand exceeds the current system capacity of 713 TJ/d, resulting in a shortfall of 31 TJ/day beginning in Winter 2023/2024. Figure 3 below shows a graphical representation of the forecasted Panhandle System capacity, Design Day demand, and shortfall.

<sup>10</sup> The system capacity has decreased since historical estimates for Winter 2019/2022 and Winter 2020/2021 based on newest available data regarding location of customers, estimated growth, and changes in the energy content of the gas.

**Figure 3: Graph of the Forecast Panhandle System Capacity, Design Day Demand and Shortfall**



29. Design Day demands are based on the forecast detailed in Exhibit B, Tab 1, Schedule 1.

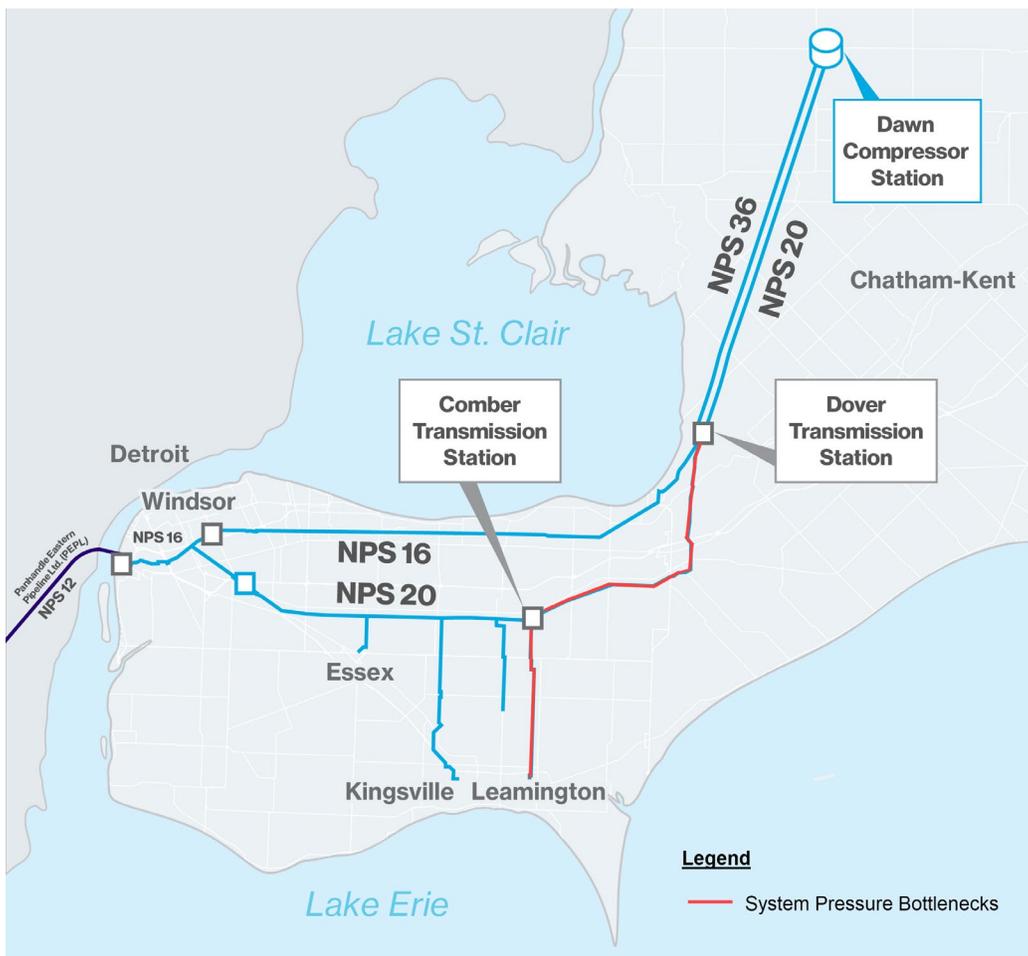
*Panhandle System Pressure Bottlenecks*

30. A system shortfall occurs when the demand is greater than the system capacity. System capacity is limited by pressure bottlenecks throughout the system. Pressure bottlenecks occur within segments of pipelines where the diameter of the pipeline is too small to flow the required volume, causing friction-related pressure losses. Pressure bottlenecks are not unique to a pipeline system. As demands increase over time, pressure bottlenecks will materialize as areas of inefficiency in the natural gas system. These inefficiencies are investigated through a network analysis and evaluated as areas of potential reinforcement. The most effective solutions to reduce or eliminate a forecasted system shortfall are those that alleviate pressure

bottlenecks. These solutions can include; reducing demands and/or increasing supply downstream of a pressure bottleneck and/or modifying the pipeline system such that the drop in pressure no longer occurs (such as looping a pipeline segment).

31. There are currently two major pressure bottlenecks along the Panhandle System. The NPS 20 Panhandle Line between Dover Transmission and Comber Transmission Station is currently the largest bottleneck on the Panhandle System. The next largest bottleneck on the Panhandle System is the pressure loss between the NPS 20 Panhandle Line and the Leamington-Kingsville market (specifically the Leamington North Lines between Comber Transmission Station and south to Leamington North Gate). Figure 4 provides a map illustrating the current location of these pressure bottlenecks in the Panhandle Market.

**Figure 4: Panhandle System Current Pressure Bottlenecks**



32. Previous projects have been constructed to alleviate similar bottlenecks (such as PRP, KTRP and Leamington North Line Phase I and II). The methodology to target pressure bottlenecks when identifying alternatives to mitigate a system shortfall was accepted by the OEB as highlighted on page 7 of the EB-2016-0186 Decision and Order:

“In considering alternatives, Union must select one that will provide sufficient pressure on its NPS 20 on the Panhandle System to serve this area”.

33. Attachment 1 to this Exhibit is a Winter 2023/2024 Panhandle System schematic showing the network analysis for the Panhandle System assuming no reinforcements are completed.
34. This schematic is a geographical representation of the Panhandle System with flow and pressure at various distribution station locations along the system. The system capacity in Winter 2023/2024 is 713 TJ/d and the firm customer demands are 744 TJ/d, resulting in a capacity shortfall of 31 TJ/d.
35. The existing Panhandle System cannot maintain the required contracted minimum delivery pressure of 1,724 kPag to BBGS. Specifically, the minimum inlet pressure to the BBGS customer station must be maintained at or above 1,827 kPag to be able to deliver the 1,724 kPag minimum contracted delivery pressure required by the customer. The results of the network analysis show the inlet pressure to BBGS is 1,806 kPag, which is less than required.
36. In addition, the network analysis shows that the minimum inlet pressure to the Leamington North Gate station is 1,781 kPag, which is below the required minimum inlet pressure of 2,275 kPag.

## **E. Conclusion**

37. Given the forecasted Panhandle System shortfall discussed above, Enbridge Gas's Panhandle System network analysis has identified that the operational requirements of the Panhandle System cannot be met for Winter 2023/2024. This is based on the forecast Design Day demand of 744 TJ/d and no changes to the Panhandle System

capacity. To continue to provide reliable firm service to new and existing general service and contract rate customers, Enbridge Gas must address this forecasted shortfall beginning November 1, 2023. The optimal solution to address the forecasted shortfall is the proposed Project, which targets the largest pressure bottlenecks on the current Panhandle System (i.e., between Dover Transmission and Comber Transmission Station and between the NPS 20 Panhandle Line and the Leamington-Kingsville market).

# Panhandle Transmission System

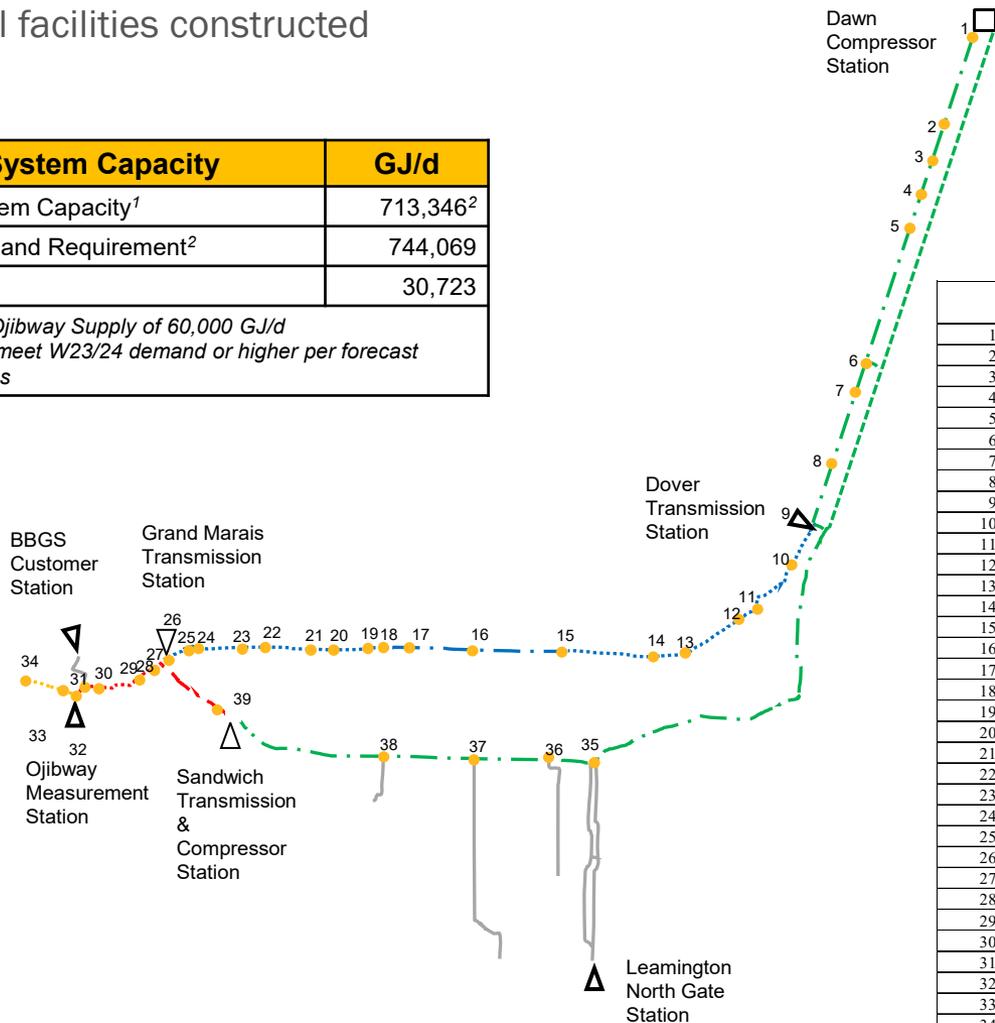
Winter Design Day Schematic

Winter 2023/2024

No additional facilities constructed



System Capacity	GJ/d
Total System Capacity <sup>1</sup>	713,346 <sup>2</sup>
Total Demand Requirement <sup>2</sup>	744,069
Shortfall	30,723
<sup>1</sup> Includes Ojibway Supply of 60,000 GJ/d	
<sup>2</sup> Does not meet W23/24 demand or higher per forecast assumptions	



	Station Name	Kilometre Post (km)	Demand (GJ/d)	Pressure (kPag)
1	Dawn / Dawn West Lines	0	17742	5992
2	Tolloch & Mandaumin	4.3	0	5981
3	Chatham Gore Conc 4	10	0	5959
4	Lindsay Tile Yard	12.9	37	5947
5	Tupperville	15.2	3694	5938
6	Dover Centre	27	83976	5883
7	Cartier	29.4	0	5874
8	Bechard	34.9	1927	5855
9	Dover Transmission	40	0	5836
10	Bradley	44.1	0	3917
11	T. N. Lighthouse	48.9	187	3710
12	Tilbury North TO	50.7	3995	3630
13	Tilbury Conc 2	55.8	0	3379
14	Stoney Point	58.7	1223	3233
15	St Joachim	65.4	494	2884
16	Belle River	72.6	3731	2756
17	Puce	77.8	2336	2664
18	Wallace	79.4	32	2631
19	Patillo	80.9	5139	2605
20	Elmstead	83	1537	2458
21	Manning	85.2	7523	2301
22	Lauzon TO	88.9	50000	2035
23	Ford Marentette TO	90.7	3253	1995
24	TransAlta / East Windsor TO	94.2	36242	1924
25	Walker	94.9	36971	1920
26	Grand Marais	97.1	26671	1918
27	NPS 16/20 Interconnect	108.1	0	1920
28	Bruce	109.4	3797	1910
29	California	111.4	14812	1871
30	Titcombe	114.9	13451	1830
31	BBGS	116.2	72314	1806
32	Ojibway Measurement	116.6	30723	1821
33	Ojibway Valve	117.9	0	1846
34	River Crossing	118.6	0	1863
35	Comber*	71.2	181251	3554
36	Mersea	75	43029	3454
37	Kingsville	80	78083	3357
38	Essex	88.1	6014	3298
39	Sandwich Transmission	101.1	13881	1993
<b>Total</b>			<b>744069</b>	

## Legend

Nominal Diameter (in)	MOP (kPag)
36	6040
20	6040
20	4140
16	4140
20	3450
16	3450
16	2930

	Lateral
	Regulating Station
	Compressor Station
	Demand Location

\*Comber is upstream of the Leamington North Gate station. The minimum inlet pressure to Leamington North Gate Station is 1781 kPag, which is less than the minimum inlet pressure constraint of 2275 kPag.

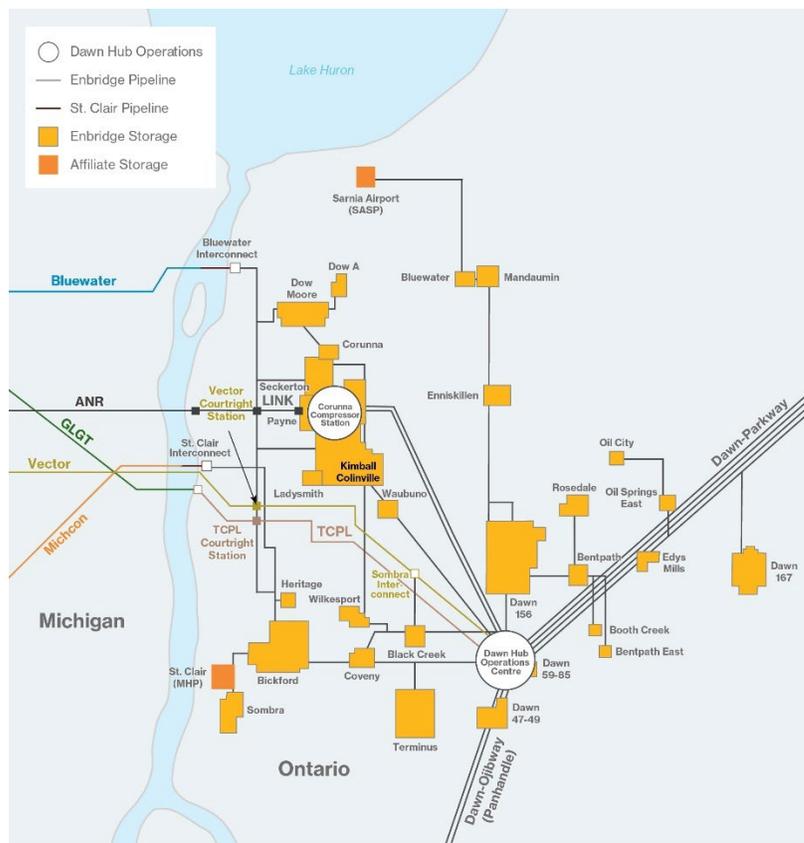
## MARKET DYNAMICS

1. The purpose of this Exhibit is to provide an overview of North American natural gas supply and market dynamics as it relates to the primary supply feeds into the Panhandle System: The Dawn Hub and Ojibway.
2. This Exhibit is organized as follows:
  - A. The Dawn Hub
  - B. Ojibway

### **A. The Dawn Hub**

3. Enbridge Gas operates the Dawn Hub, which is one of the largest and most important North American natural gas market hubs. The Dawn Hub consists of a combination of interconnected natural gas pipelines and underground storage facilities and is the primary source of supply for Enbridge Gas's transmission systems, including the Panhandle System and Dawn Parkway System.
4. The Dawn Hub is also connected to a significant amount of underground natural gas storage within the Great Lakes region and to most major natural gas supply basins across Canada and the continental US, including the Western Canadian Sedimentary Basin ("WCSB") and the Appalachian production region, through various upstream natural gas transmission pipelines.
5. A map of the Enbridge Gas storage facilities connected to the Dawn Hub is shown at Figure 1 below.

**Figure 1: Dawn Storage**



6. The Dawn Hub is one of the most physically traded, liquid hubs in North America and is the most physically traded natural gas hub in the Great Lakes region. The liquidity of the Dawn Hub is the result of the combination of:

- interconnections with high-capacity upstream transmission pipelines;
- access to a diverse supply of natural gas from most major supply basins across North America;
- Dawn Parkway System take-away capacity to growth markets and interconnections with high-capacity downstream transmission pipelines;
- access to abundant underground storage;
- many buyers and sellers of natural gas; and
- price transparency.

7. The depth and liquidity of the market at the Dawn Hub provides Ontario natural gas customers affordable supply, energy security, reliability, and critical infrastructure to meet Ontario's peak energy demand, delivering approximately three times the energy equivalent to natural gas consumers as compared to peak electric demand in the province.
  
8. The OEB has recognized the importance and value of the Dawn Hub as part of its findings in the Natural Gas Electricity Interface Review ("NGEIR"):<sup>1</sup>

The development of the Dawn Hub has brought substantial benefits to consumers in Ontario and to other market participants...

...The storage facilities are an integral part of what is commonly referred to as the Dawn Hub, which is widely recognized as one of the more important market centres in North America for the trading, transfer and storage of natural gas. In its Natural Gas Forum Report, the Board stated "The large amount of nearby storage, combined with the convergence of pipelines linking the U.S. and Ontario gas markets, have made Dawn the most liquid trading location in Ontario". The Federal Energy Regulatory Commission, in its assessment of energy markets in the United States in 2004, made similar comments about the significance of Dawn: The Dawn Hub is an increasingly important link that integrates gas produced from multiple basins for delivery to customers in the Midwest and Northeast...Dawn has many of the attributes that customers seek as they structure gas transactions at the Chicago Hub: access to diverse sources of gas production; interconnection to multiple pipelines; proximity to market area storage; choice of seasonal and daily park and loan services; liquid trade markets; and opportunities to reduce long haul pipeline capacity ownership by purchasing gas at downstream liquid hubs.

9. The diversity and magnitude of energy supply afforded by the Dawn Hub is especially critical during extreme weather events. North America, and in particular Canada and the continental United States, have experienced 4 such events in the form of polar vortexes over the past 7 years. These harsh cold weather events have caused severe reductions in natural gas production and

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<sup>1</sup> EB-2005-0551, Decision with Reasons, November 7, 2006, P. 44;  
EB-2005-0551, Decision with Reasons, November 7, 2006, P. 8

transmission volumes resulting in localized and regional supply shortfalls during periods of high demand (including distribution system outages), causing severe price spikes at regional market hubs. During each of these events, upstream supplies being delivered to the Dawn Hub have been significantly reduced as gas is drawn to higher priced markets away from Dawn, requiring the Dawn Hub storage facilities to fill the resulting supply shortfall via increased withdrawals.

10. During the most recent polar vortex event in February 2021 which impacted a large area of the central U.S. (Oklahoma and Texas) and Canada (Alberta, Saskatchewan, and Manitoba), the Dawn Hub provided security of supply to Ontario consumers by increasing storage withdrawals to offset upstream supply shortfalls as shown in Figure 2 below. Not only did this avoid system outages, but it also provided price stability during peak conditions, as evident in Figure 3 below.

Figure 2: 2021 Polar Vortex Dawn Storage and Upstream Supply

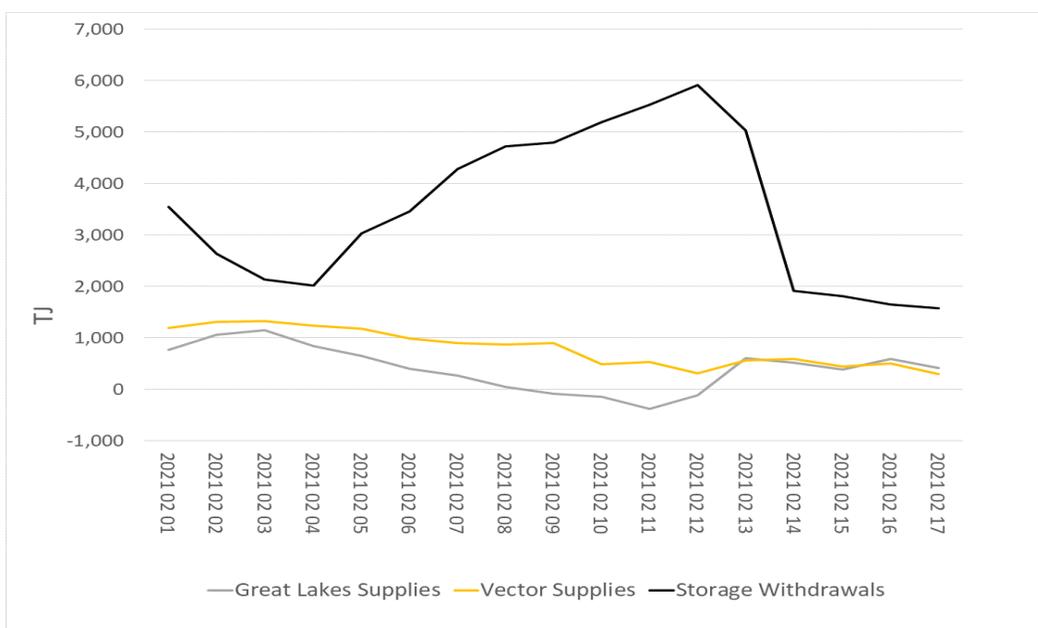
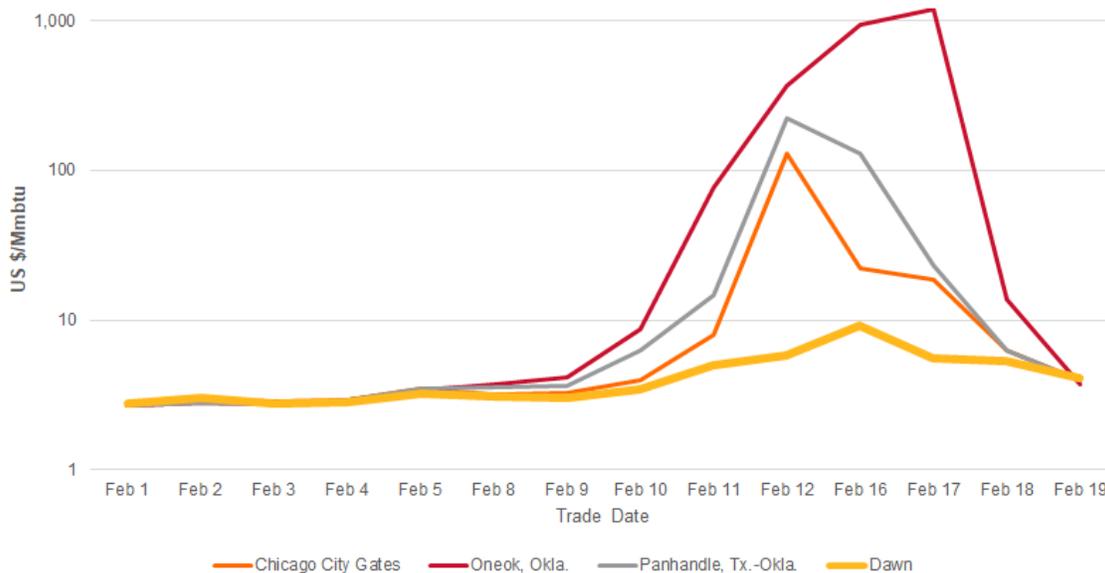


Figure 3: 2021 Polar Vortex Natural Gas Price Impacts



11. By contrast, during this same February 2021 polar vortex event, while demand for energy (both natural gas and electricity) in the U.S. West and Southwest increased significantly, natural gas production was impacted due to freeze offs at wellheads and the electricity system experienced widespread power outages. As a result, natural gas prices in Oklahoma and Texas, two of North America’s largest production zones, spiked (up to 100 times higher than prices at the Dawn Hub as detailed in Figure 3). Atmos Energy Corp., a natural gas distribution company that serves more than 3 million customers across 8 U.S. states, reported that it had accrued roughly \$2.5 to \$3.5 billion in natural gas purchases, mainly for its Colorado, Kansas and Texas jurisdictions, due to this event.<sup>2</sup> Further, according to the Texas Department of Health Services, many people lost their lives during this event, 10 from fire-related injuries from space heaters and 19 from carbon monoxide poisoning (potentially also related to space heaters).<sup>3</sup>

<sup>2</sup> <https://www.spglobal.com/marketintelligence/en/news-insights/latest-news-headlines/gas-utilities-face-multibillion-dollar-financing-needs-after-storm-price-surge-62790289>

<sup>3</sup> [https://www.dshs.texas.gov/news/updates/SMOC\\_FebWinterStorm\\_MortalitySurvReport\\_12-30-21.pdf](https://www.dshs.texas.gov/news/updates/SMOC_FebWinterStorm_MortalitySurvReport_12-30-21.pdf)

12. Current market trends indicate that the value of natural gas storage in the Great Lakes region will remain steady in the short-term and will increase in the longer-term, as natural gas production levels are reduced and commodity prices rebound in response. In its recent natural gas market outlook, ICF concluded:

Going forward, ICF is projecting a general rebound in natural gas prices, as well as a slowdown in the growth of natural gas production and greenfield natural gas pipeline expansions. Both trends will tend to increase the seasonal value of natural gas storage. The general rebound in natural gas prices will lead to gas commodity prices that are generally higher in the winter withdrawal season than in the summer injection period simply due to the rising long term commodity price trend that ICF is projecting. In addition, as production growth in the Marcellus and Utica begins to slow, the increase in natural gas production during the winter relative to the previous summer will decrease, leading to an increase in the value of natural gas storage withdrawals to meet seasonal demand requirements. As a result, ICF is projecting a decline in winter gas supply availability and a general increase in storage values over the next several years. As seasonal storage values increase, winter price volatility is also expected to increase. The shift in storage markets makes the current time frame important for setting storage operational policy for the next few years.<sup>4</sup>

13. Considering the ongoing and historical value that the Dawn Hub has provided to Ontario natural gas consumers, the increased frequency and severity of extreme weather events experienced across the continent, and ICF's forecast calling for increased seasonal storage values and winter price volatility, Enbridge Gas anticipates that the Dawn Hub will continue to play a vital role in serving the energy needs of Ontarians for many years to come.

## **B. Ojibway**

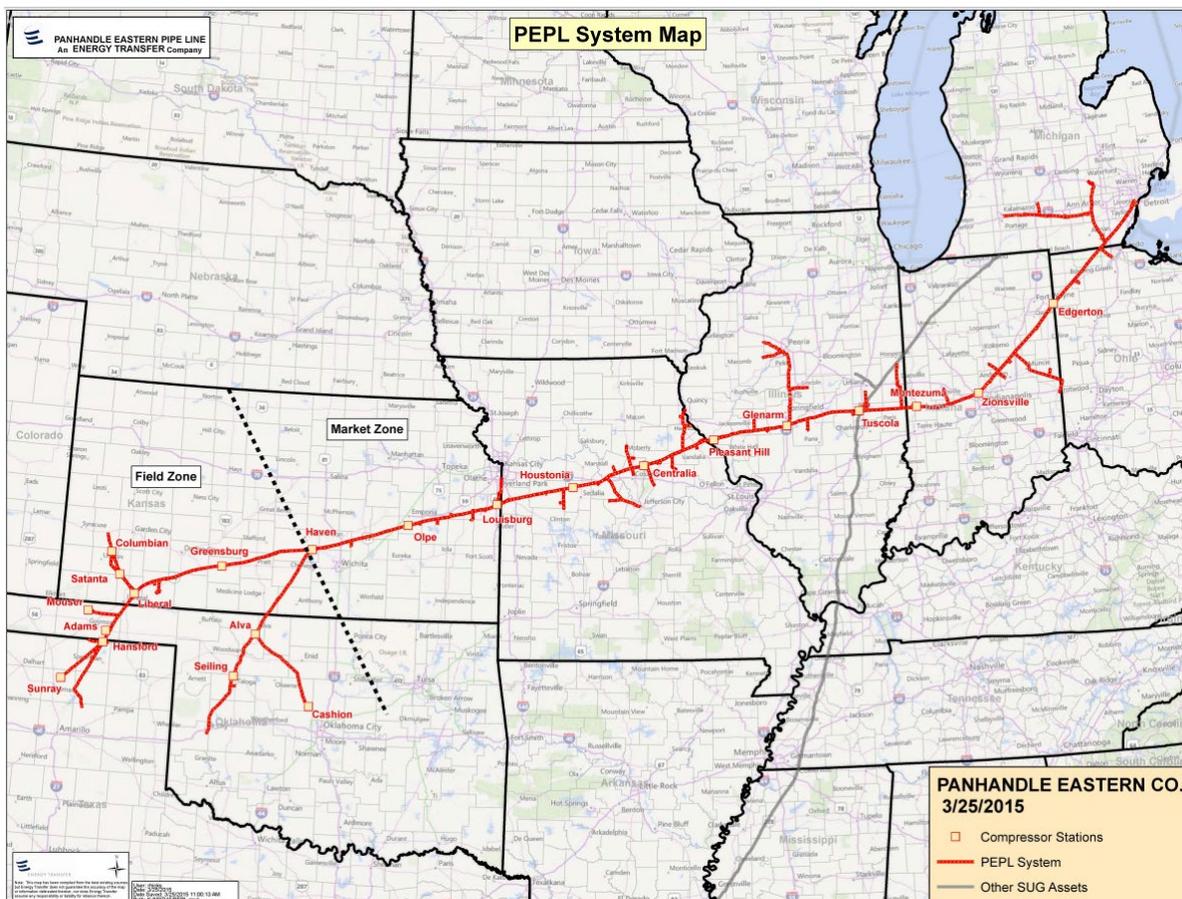
14. Enbridge Gas's Panhandle System interconnects with the Panhandle Eastern Pipeline Company ("PEPL") system at Ojibway. Long-haul PEPL shippers can source gas from the Panhandle Field Zone located in Texas, Oklahoma, and Kansas. Other PEPL supply locations include interconnects with the Rockies

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<sup>4</sup> ICF Q4 2021 Base Case

Express (“REX”), NEXUS and ROVER pipelines. Ojibway is the final delivery point along the PEPL system. A map of the PEPL system is provided at Figure 4 below.

Figure 4: PEPL System Map<sup>5</sup>



15. The Enbridge Gas Panhandle System also flows from Ojibway east into the Panhandle Market. As outlined in Exhibit B, Tab 2, Schedule 1, approximately 9% or 60 TJ/d of the demand on the Panhandle System is served through Enbridge Gas’ Gas Supply Plan deliveries (to serve system customers) at Ojibway on Design Day.

<sup>5</sup> [https://peplmessenger.energytransfer.com/InfoPost/resources/documents/PEPL\\_SystemMap.pdf](https://peplmessenger.energytransfer.com/InfoPost/resources/documents/PEPL_SystemMap.pdf)

16. Ojibway is not a liquid trading point, but rather a trans-shipment point between two pipeline systems. There is no natural gas market price or transaction reporting coverage to provide price transparency at Ojibway. In order to deliver supply to Ojibway, market participants must contract for transportation on the PEPL system to access more liquid upstream natural gas markets.
17. As of June 1, 2022, the PEPL Index of Customers indicates there are two firm shippers that contract for capacity with Ojibway as a delivery point:
- Enbridge Gas holds two contracts for a total of up to 57,000 Dth/d (60 TJ/d) for sales service customers. As outlined in Exhibit B, Tab 2, Schedule 1, these volumes are required to arrive on Design Day to meet the firm demands of the Panhandle System and the Company's Gas Supply Plan; and
  - ROVER Pipeline LLC ("ROVER") holds contracts for up to 35,157 Dth/d (37 TJ/d).
18. No other parties hold capacity on the PEPL system with a firm delivery point of Ojibway. On May 3, 2022, PEPL's website indicated that 20,000 Dth/d (21 TJ/d) of delivery capacity was currently available at Ojibway.
19. ROVER is also a Rate C1 ex-franchise customer of Enbridge Gas with a firm transportation contract of up to 37 TJ/d to transport natural gas from Ojibway to the Dawn Hub on a year-round basis. ROVER uses the PEPL system to Ojibway and the Enbridge Gas system from Ojibway to Dawn to provide service from its own pipeline receipt points to Dawn. ROVER also uses contracted capacity on Vector Pipeline to provide the same services. Enbridge Gas cannot rely on these volumes being delivered to Ojibway when designing its system since Enbridge Gas does not control the utilization of the ROVER path (PEPL system and Enbridge Gas system components). Furthermore, ROVER's shippers do not

have access to Ojibway as a delivery point, so Enbridge Gas cannot contract for deliveries at Ojibway from these shippers.

## PROJECT ALTERNATIVES

1. The purpose of this Exhibit is to describe Enbridge Gas's analysis of alternatives to address the Panhandle System shortfall, which is defined as the Project Need. As discussed in Exhibit B, Enbridge Gas is forecasting a Panhandle System shortfall beginning in Winter 2023/2024 of 31 TJ/d, which increases to 192 TJ/d by Winter 2027/2028.
2. The preferred alternative is the proposed Project, which includes: the construction of 19 km of NPS 36 pipeline from the existing Dover Transmission Station to Richardson Sideroad; the construction of 12 km of NPS 16 pipeline connecting the Kingsville East Line, Mersea Line, Leamington North Line, and Leamington North Loop; and the construction of ancillary station, pressure regulation, and measurement facilities associated with the pipelines.
3. The proposed Project provides 203 TJ/d of incremental Panhandle System capacity at an estimated cost of \$314.4 million. The proposed Project has in-service dates of November 1, 2023 for the NPS 36 pipeline and related ancillary infrastructure, and November 1, 2024 for the NPS 16 pipeline and related ancillary infrastructure, all of which provides market assurance that there will be sufficient capacity to meet the growing firm demands for natural gas service along the Panhandle System for the next five years.
4. This Exhibit is organized as follows:
  - A. Integrated Resource Planning
  - B. Alternatives Assessment Criteria
  - C. Identification and Assessment of Alternatives
  - D. Project Selection & Conclusion

## A. Integrated Resource Planning

5. The Decision and Order for Enbridge Gas' Integrated Resource Planning Framework Proposal (EB-2020-0091) was issued on July 22, 2021. This decision was accompanied by an Integrated Resource Planning Framework for Enbridge Gas ("IRP Framework")<sup>1</sup>. The IRP Framework provides guidance from the OEB about the nature, timing, and content of IRP considerations for future identified needs. The IRP Framework provides Binary Screening Criteria in order to focus on situations where there is reasonable expectation that an IRP Alternative ("IRPA") could technically and economically meet a system need. The Binary Screening criteria were applied, and it was determined that the need underpinning the Project does not warrant further IRP consideration based on the timing criteria, as the need must be met in under three years:

- **Timing:** If a system need must be met in under three years, an IRP Plan could not likely be implemented and its ability to resolve the identified system constraint could not be verified in time. Therefore, an IRP evaluation is not required. Exceptions to this criterion could include consideration of supply-side IRPAs and bridging or market-based alternatives where such IRPAs can address a more imminent need.<sup>2</sup>

6. Notwithstanding that an IRP evaluation was not required due to the timing criteria discussed above, Enbridge Gas evaluated supply-side alternatives both alone and in combination with an Enhanced Targeted Energy Efficiency ("ETEE") IRP alternative to determine if implementation of these alternatives could meet the need within the required timeframe. For the reasons discussed below, the supply-side and ETEE alternatives were unable to meet the growing needs of the Panhandle System from a technical and/or financial feasibility perspective.

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<sup>1</sup> EB-2020-0091, Decision and Order, July 22, 2021, Appendix A

<sup>2</sup> *ibid*, P. 10

7. Following the EOI process conducted by Enbridge Gas in February 2021, the timing of the identified system need was established as November 1, 2023. This timing is consistent with the information in the Enbridge Gas 2022 AMP Addendum<sup>3</sup>.
8. Enbridge Gas has completed an alternatives assessment to determine the optimal solution to meet the identified system need. This alternatives assessment evaluated facility alternatives and IRPAs, including supply-side IRPAs (e.g., 3rd party exchange service), demand-side IRPAs (“ETEE”), and hybrid facility with IRPA alternatives). This assessment determined the proposed Project is the optimal solution to meet the identified system need . The timing of the proposed Project meets the demand forecast for the identified system need and customer commitments secured to date.

## **B. Alternatives Assessment Criteria**

9. Enbridge Gas established alternatives assessment criteria with consideration to economic feasibility, timing, safety & reliability, risk management and environmental & socio-economic impact. Enbridge Gas used both quantitative and qualitative criteria assessments.
10. Enbridge Gas assessed each alternative that was identified to meet the system need using the following criteria (together, the “Assessment Criteria”):

### Economic Feasibility (Quantitative):

- The alternative must be cost-effective compared to other alternatives.  
Enbridge Gas used the following metrics to assess economic feasibility of alternatives:

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<sup>3</sup> EB-2021-0148, Exhibit B, Tab 2, Schedule 3, P. 8.

- Total Cost;
- Cost per unit of capacity; and
- Net Present Value (“NPV”).

Timing (Quantitative):

- The alternative must meet the growing firm demands on the Panhandle System for the next five years; and
- The alternative must meet the required in service date (November 1, 2023) to accommodate customer needs.

Safety & Reliability (Qualitative):

- The alternative must provide reliable and safe delivery of firm natural gas volumes to Enbridge Gas’s customers on the coldest winter day on the Panhandle System. Therefore, the alternative must meet the Panhandle System Design Criteria as outlined in Exhibit B, Tab 2, Schedule 1.

Risk Management (Qualitative):

- The alternative should not contain material risks relative to other alternatives. Enbridge Gas considered the following risks when evaluating alternatives:
  - *Price risk*: the risk that the price or cost of the alternative may increase once that alternative has been deployed.
  - *Availability*: the risk that the alternative may become unavailable to meet the identified system need.

Environmental and Socio-economic Impact (Qualitative):

- The alternative should minimize impacts to Indigenous peoples, municipalities, landowners, and the environment relative to other viable alternatives.

### **C. Identification and Assessment of Alternatives**

11. Enbridge Gas identified several facility alternatives and IRPAs to meet the identified system need.

12. The following facility alternatives were identified and assessed:

- A. Upsize of existing NPS 16 Panhandle Line or NPS 20 Panhandle Line west of Dover Transmission
- B. Loop the existing NPS 20 Panhandle Line west of Dover Transmission and install a Leamington lateral interconnect (the proposed Project)
- C. New Liquefied Natural Gas (“LNG”) Plant

13. The following IRPAs were identified and assessed:

- A. Firm exchange between Dawn and Ojibway
- B. Firm exchange between Dawn and Ojibway in combination with looping of the NPS 20 Panhandle Line west of Dover Transmission and installing a Leamington lateral interconnect (Hybrid Alternative)
- C. Trucked Compressed Natural Gas (“CNG”)
- D. ETEE

14. Detailed descriptions of each of the above alternatives and the results of the Company’s assessments thereof are provided below.

#### Facility Alternatives

15. The following sections summarize the assessment findings for each facility alternative identified.

1) *Upsize of existing NPS 16 Panhandle Line or NPS 20 Panhandle Line west of Dover Transmission*

16. Enbridge Gas considered increasing the diameter of the existing pipelines on the Panhandle System to meet the identified system need. Specifically, the Company considered increasing the diameter of either the NPS 16 Panhandle Line or the NPS 20 Panhandle Line west of Dover Transmission. This alternative would be comparable to the 2017 Panhandle Reinforcement Project, whereby Enbridge Gas employed a “lift and lay” construction process to increase the diameter of an existing segment of the Panhandle System. The existing NPS 16 Panhandle Line between Dawn and Dover Transmission was removed (lift) and replaced with the new NPS 36 pipeline (lay) in the same location except for those sections of pipe deemed not practical to remove as determined by an engineering assessment, including major road and watercourse crossing locations. At these locations, the NPS 16 Panhandle Line was abandoned in place and a new land right was obtained for the new NPS 36 pipeline.

17. This replacement alternative was feasible in the 2017 Panhandle Reinforcement Project because the NPS 16 Panhandle Line between Dawn and Dover Transmission ran in close proximity alongside the NPS 20 Panhandle Line, which allowed for any connected stations or customers on the NPS 16 Panhandle Line to be moved to the NPS 20 Panhandle Line to meet the Panhandle System demands throughout construction.

18. In contrast, the NPS 16 Panhandle Line and the NPS 20 Panhandle Line diverge in their proximity to one another west of Dover Transmission. Halfway between Dover Transmission and Comber Transmission Station (approximately 11 km west from Dover Transmission), the two pipelines are approximately 9 km apart from one another.

19. The NPS 20 Panhandle Line is required to serve customers at all times of the year because the NPS 16 Panhandle Line cannot serve system demands on its own, even during periods of low demand in the summer. As result, reliable service to customers could not be maintained during the construction period while the NPS 20 Panhandle Line would be out of service. Therefore, a lift and lay of the NPS 20 Panhandle Line west of Dover Transmission is not a viable alternative.
20. Enbridge Gas also evaluated upsizing of the NPS 16 Panhandle Line west of Dover Transmission, which would require moving as many as nine downstream system connections from the NPS 16 Panhandle Line to the NPS 20 Panhandle Line and constructing a new interconnecting pipeline between the NPS 16 Panhandle Line and the NPS 20 Panhandle Line. This would require acquisition and development of new greenfield pipeline easements on previously undisturbed land resulting in increased environmental and landowner impacts.
21. Furthermore, upsizing of the NPS 16 Panhandle Line would not directly address the Panhandle System pressure bottleneck on the NPS 20 Panhandle Line between Dover Transmission and Comber Transmission Station, discussed in Exhibit B, Tab 2, Schedule 1. The amount of capacity gained by upsizing the NPS 16 Panhandle Line would be limited as a result.
22. Based on the above assessments, Enbridge Gas determined that upsizing the existing pipelines on the Panhandle System west of Dover Transmission was not viable to meet the identified system need. Moreover, the assessment determined that any new pipeline constructed to meet the identified system need will need to be constructed as a pipeline loop to allow Enbridge Gas to maintain service to Panhandle System customers during construction.

2) *Loop Existing NPS 20 Panhandle Line west of Dover Transmission and install a Leamington lateral interconnect (the proposed Project)*

23. Enbridge Gas evaluated a facility alternative to loop the existing Panhandle System and determined the optimal solution to alleviate the pressure bottlenecks identified in Exhibit B, Tab 2, Schedule 1 would be to construct a loop between the Dover Transmission and Comber Transmission stations.

24. On its own, a loop of the NPS 20 Panhandle Line addresses the pressure bottleneck on that pipeline but does not result in fully meeting the 5-year forecasted system shortfall. As such, the Company considered a loop of the NPS 20 Panhandle Line in combination with another facility expansion to address the pressure bottleneck between the NPS 20 Panhandle Line and Leamington-Kingsville market.

25. To address the pressure bottleneck between the NPS 20 Panhandle Line and the Leamington-Kingsville market, Enbridge Gas considered (i) constructing a new lateral south from the NPS 20 Panhandle Line, (ii) upsizing of the existing Leamington North Line, and (iii) the construction of a pipeline connecting the Kingsville East Line, Mersea Line, Leamington North Line, and Leamington North Loop (“lateral interconnect”).

26. The assessment determined that the lateral interconnect is preferred to the construction of a new lateral from the NPS 20 Panhandle Line or upsizing the existing Leamington North Line because it provides load balancing between existing laterals to reduce the pressure drop between the NPS 20 Panhandle Line and the Leamington-Kingsville Market. The lateral interconnect will also provide capacity directly into the identified areas of growth and directly addresses the pressure bottleneck between the NPS 20 Panhandle Line and the Leamington-Kingsville market, allowing for incremental growth throughout the entire Panhandle Market.

27. Enbridge Gas determined that the lateral interconnect in combination with a loop of the NPS 20 Panhandle Line, will best address Panhandle System constraints and meet the increasing demands for firm service. Moreover, this alternative otherwise reduces the overall length of required looping of the NPS 20 Panhandle Line. Table 1 below summarizes each component of the proposed Project alongside the specific Panhandle System pressure bottlenecks identified in Exhibit B, Tab 2, Schedule 1.

Table 1: Summary of Current Panhandle System Pressure Bottleneck and Proposed Facility Solutions

<b>Panhandle System Pressure Bottleneck</b>	<b>Proposed Solution</b>
The NPS 20 Panhandle Line between Dover Transmission and Comber Transmission Station	Looping of the NPS 20 Panhandle Line between Dover Transmission and Comber Transmission Station
The pressure loss between the NPS 20 Panhandle Line and Leamington-Kingsville market	Construction of a lateral interconnect connecting Kingsville East Line, Mersea Line, Leamington North Line, and Leamington North Loop

*Determination of New Pipeline Diameter*

28. Enbridge Gas assessed several combinations of pipeline diameter to determine the optimal design for both the looping of the NPS 20 Panhandle Line between Dover Transmission and Comber Transmission Station and the lateral interconnect connecting Kingsville East Line, Mersea Line, Leamington North Line, and Leamington North Loop.

29. For this assessment, Enbridge Gas considered only economic feasibility, as the varying combinations of pipeline diameter would not materially differ in terms of timing of installation, safety & reliability, risk management and environmental & socio-economic impact.

30. Enbridge Gas evaluated NPS 24, NPS 30 and NPS 36 for the pipeline loop and NPS 12, NPS 16 and NPS 20 for the lateral interconnect. Table 2 below summarizes the pipeline loop and lateral interconnect diameter options and their ability to meet the identified system need while adhering to the Panhandle System design criteria discussed in Exhibit B, Tab 2, Schedule 1.

31. Combinations that would sufficiently reduce the 5-year forecasted Panhandle System shortfall are indicated with check marks and were further evaluated for economic feasibility. Combinations that would not sufficiently reduce the 5-year forecasted Panhandle System shortfall were deemed not technically feasible and therefore were not evaluated further.

Table 2: Pipeline Loop and Lateral Interconnect Feasibility Assessment

Interconnect Pipe Size	Loop Pipeline Size		
	NPS 36	NPS 30	NPS 24
NPS 12	x	x	x
NPS 16	✓	✓	x
NPS 20	✓	✓	x

32. Both the NPS 30 and NPS 36 pipeline loop alternatives were each sufficient to provide the required minimum five-year growth provided that the lateral interconnect was either an NPS 16 or NPS 20.

33. Enbridge Gas evaluated the economic feasibility of NPS 30 and NPS 36 pipeline loops with either NPS 16 or NPS 20 lateral interconnects. The results of this evaluation are summarized in Table 3 below.

Table 3: Pipeline Loop and Lateral Interconnect Economic Assessment

Potential Alternative		Incremental Capacity (TJ/d)	Costs (\$ Million)	Net Present Value (1) (\$ Million)	Cost per Unit of Capacity (\$/TJ/d)
Looping of NPS 20 Panhandle Line	Lateral Interconnect				
Proposed Project					
NPS 36	NPS 16	203	\$314.4	\$(66.9)	\$1.55
Alternative Pipeline Sizing					
NPS 30	NPS 16	195	\$304.5	\$(56.2)	\$1.57
NPS 36	NPS 20	212	\$342.3	\$(85.7)	\$1.61
NPS 30	NPS 20	203	\$332.4	\$(74.9)	\$1.64

(1) The calculation of the Net Present Value does not include Overheads

34. The NPS 36 pipeline loop with the NPS 16 lateral interconnect was selected as the optimal combination of pipeline diameters, as this combination is the most cost-effective alternative (i.e., had the lowest cost per unit of capacity) to increase Panhandle System capacity to mitigate the forecasted system shortfall. While the NPS 30 loop and NPS 16 lateral interconnect provides a slightly higher NPV, it costs more per unit of capacity created, making it a less economic alternative to meet growing system demands.

35. The above combination of facilities is required to sufficiently reduce the 5-year forecasted Panhandle System shortfall. Enbridge Gas determined that the Panhandle Loop would be sufficient on its own to meet the forecasted shortfall in Winter 2023/2024 and would still provide pressure support for the Leamington-Kingsville market. The Leamington-Kingsville pressure bottleneck is required to be addressed by the Winter of 2024/2025. As a result, the proposed in-service date of

the NPS 36 pipeline loop is November 1, 2023, and the proposed in-service date for the lateral interconnect is November 1, 2024. While these components of the Project are proposed to be placed into service at different times, it is important to note that these components have been designed and assessed together as the optimal solution to meet the identified system need and are therefore proposed in combination as a single project.

36. Extending the existing NPS 36 Panhandle Line from Dawn through to Comber Transmission Station at the same diameter will reduce overall system costs for operations and maintenance. As discussed in B-2-1 the Panhandle System currently consists of an NPS 36, NPS 16 and NPS 20. Therefore, a common pipe size for the proposed Project (NPS 36) benefits the system from a maintenance perspective by avoiding costs associated with multiple pipeline inspection programs. This also minimizes the number of overall facilities required (i.e., tie-ins, valve sites, etc.), therefore minimizing impacts to Indigenous peoples, municipalities, landowners, and the environment.

37. The proposed Project provides many benefits and is the best alternative for the following reasons:

- Economic Feasibility:
  - ✓ Optimized pipeline design considering combinations of pipeline diameters to provide best cost per capacity.
  - ✓ Proposed Project provides the lowest cost per capacity relative to all other alternatives assessed.
  
- Timing:
  - ✓ Provides market assurance in meeting the growing firm demands along the Panhandle System for the next five years.
  - ✓ Can meet required November 1, 2023 required in-service date

- Safety & Reliability:
  - ✓ Positions the Panhandle System and the distribution pipelines connecting to it to meet forecasted long-term growth in the most efficient manner.
  - ✓ Allows for load balancing between existing laterals to reduce the pressure drop between the NPS 20 Panhandle Line and the Leamington-Kingsville market, which accommodates incremental growth throughout the entire Panhandle Market.
  
- Risk Management:
  - ✓ Increases Ontario customers access to diverse supply, storage, and price transparency of the Dawn Hub
  - ✓ Scalable with future system growth
  - ✓ Directly feeds area of growth
  
- Environmental and Socio-economic Impact:
  - ✓ Minimizes project impact by paralleling existing right of way

### 3) *New LNG Plant*

38. Enbridge Gas considered constructing an above-ground LNG storage facility installed along the Panhandle System to meet the identified system need. This alternative includes the cost to construct and operate the LNG facilities, including the annual operating costs for the liquefaction, storage, vaporization, compression, and site development.

39. In the PRP proceeding, Enbridge Gas evaluated constructing and operating an LNG storage facility as an alternative. The estimated cost was \$287 million (approximately \$390 million in today's dollars) with about \$5 million in annual operating expenses to address 106 TJ/d of system growth. This would only provide half the capacity of the proposed Project. Enbridge Gas expects an LNG solution to require more significant investment in both the size of the facility required and

annual operating expenses. Enbridge Gas expects the costs to be 50% to 80% more than the estimated costs from the PRP proceeding (upwards of \$580 million) to address 192 TJ/d of system shortfall.

40. As a result, Enbridge Gas deemed this alternative to be financially infeasible and did not assess it further.

### IRPAs

41. The following sections summarize the assessment findings for each IRPA identified.

#### 1) *Firm exchange between Dawn and Ojibway*

42. Enbridge Gas defines commercial alternatives as any supply-side service provided by a third-party. Commercial alternatives include, but are not limited to, upstream transportation services to enable the delivery of supply to a point on Enbridge Gas's system, peaking supply transactions, delivered supply transactions, exchanges, and third-party assignments of transportation capacity. The suitability of commercial alternatives to meet transmission system needs is dependent on the contractual terms of the agreement and therefore is assessed on a case-by-case basis. The 60 TJ/d of capacity contracted by Enbridge Gas for delivery to Ojibway from the PEPL system is fundamentally an IRPA that is being utilized today.

43. Enbridge Gas considered contracting a firm exchange between Dawn and Ojibway with a third party to meet the identified system need. An exchange would allow gas to be received at Ojibway, to be used to serve Enbridge Gas' in-franchise customers, in exchange for natural gas delivered at Dawn to the third party. An exchange would reduce the need to physically flow gas from Dawn towards Ojibway on the Panhandle System.

44. There are no commercial services available to be contracted at Ojibway with third parties that can fully eliminate the forecasted 5-year Panhandle System shortfall. Of the total 115 TJ/d of capacity operationally available to be delivered to Ojibway on an annual basis, 60 TJ/d is already utilized by Enbridge Gas to serve firm design day demands. Of the remaining 55 TJ/d of capacity, 37 TJ/d is contracted by ROVER until October 31, 2025 with renewal rights. As outlined in Exhibit B, Tab 2, Schedule 1 and Exhibit B, Tab 3, Schedule 1, Enbridge Gas currently estimates that only 18 - 21 TJ/d of incremental firm annual capacity is available for deliveries to Ojibway into the Panhandle System.
45. Ojibway deliveries can efficiently serve demands in the Windsor market, which is located near the Ojibway supply point. Ojibway is however not efficient for directly serving demands on the remainder of the Panhandle System (i.e., east of Windsor between Sandwich and Dawn). Incremental Ojibway deliveries yield diminished returns to serve demand east of the Windsor market between Sandwich and Dawn (for example, 55 TJ/d of incremental Ojibway deliveries provides only 25 TJ/d of incremental capacity between Sandwich and Dawn without specific system reinforcements).
46. The factors which contribute to this inefficiency include:
- Regulation at Sandwich prevents Ojibway gas, which is delivered into the 3450 kPa MOP system from flowing into the 6040 kPa MOP system on the NPS 20 Panhandle Line east of Sandwich Transmission Station in absence of constructing incremental facilities.
  - Ojibway supply does not flow directly into the Leamington-Kingsville market, which can only be served by Ojibway through displacement, i.e., additional Windsor volume served by Ojibway means less Windsor market volume served by the NPS 20 Panhandle Line.

- The Leamington-Kingsville market has a peak hour factor of 1.2, which means that the demand pattern throughout the day does not match the constant volumetric supply rate of Ojibway. In the absence of incremental facilities along the NPS 20 Panhandle Line, there is no mechanism to manage the intra-day peaks in the incremental demand in the Leamington-Kingsville market.
- The distribution systems that supply the Leamington-Kingsville market are fed from long (10 to 18 km) smaller diameter laterals that require an increase in upstream pressure (along the NPS 20 Panhandle Line) in order to provide the necessary incremental capacity to the market. An increase in Ojibway supply, corresponding to a decrease in the Windsor market demand being fed from the NSP 20 Panhandle Line, does not result in an increase in pressure along the NPS 20 Panhandle Line sufficient to service a corresponding increase in demand in the Leamington-Kingsville market.

47. As a result of these factors, in order to serve incremental demand in the Leamington-Kingsville market with supply at Ojibway, a greater volume of supply must arrive at Ojibway than is being delivered to the Leamington-Kingsville market. It is therefore inefficient to serve the Leamington-Kingsville market with Ojibway supply.

48. Within the PRP proceeding, the OEB agreed with this assessment:

“Increasing deliveries at Ojibway will not get the gas to Leamington-Kingsville without an inefficient supply ratio, a significant change in supply mix, the need for additional facilities and the assumption of more risk.”<sup>4</sup>

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<sup>4</sup> EB-2016-0186 Decision and Order, February 23, 2017, P. 26

49. It is not possible to address the 5-year system shortfall of 192 TJ/d with Ojibway deliveries alone because the volume required would greatly exceed the physical import capability at Ojibway.
50. Based on the Winter 2023/24 Panhandle System design forecast, a minimum of 42 TJ/d of incremental deliveries at Ojibway would be required to delay the in-service date of the proposed Project by one year (over double the capacity which is operationally available to deliver to into Ojibway). This is larger than the forecast Panhandle System shortfall of 31 TJ/d because increasing deliveries at Ojibway will not efficiently serve the Leamington-Kingsville market demands.
51. To confirm the Company's assessment of the availability of commercial services to deliver incremental firm supply to Ojibway, Enbridge Gas held a formal Request for Proposal ("RFP") for a Firm and Obligated Call Option Exchange Service beginning between November 1, 2023 and November 1, 2024 (later start dates were also considered up to 2026). The RFP is provided at Attachment 1 to this Exhibit.
52. To ensure the reliability of the commercial service at an illiquid point (Ojibway), Enbridge Gas requested that all quantities submitted in the RFP be supported by firm upstream transportation agreements. Shippers were asked to supply contract details for verification.
53. To ensure third-party providers would be motivated to meet their obligated deliveries at Ojibway under the exchange agreement, Enbridge Gas indicated that the penalty rate for non-performance would be the highest spot price of natural gas in North America. This would prevent instances of third parties intentionally defaulting to redirect gas deliveries to higher priced markets, especially during extreme pricing events such as the 2021 Polar Vortex event as discussed in Exhibit B, Tab 3, Schedule 1.

54. To ensure price certainty, Enbridge Gas requested bids to be fixed price during the initial term of the agreement. This will mitigate price risk associated with the relative value of natural gas between the exchange points and the cost of transportation tolls to deliver at Ojibway. These values fluctuate over time which poses significant price risk if a point becomes constrained or is illiquid (like Ojibway).
55. The RFP was sent to Dawn market area customers, Ojibway to Dawn shippers, and posted on the Enbridge Gas website between September 16, 2021 and October 7, 2021.
56. During the RFP, Enbridge Gas approached the existing C1 Ojibway to Dawn shipper, ROVER, to determine whether they were interested in participating in the RFP. ROVER indicated that they were not interested in providing the service, as ROVER is a transmission pipeline operator that transports gas for other shippers. ROVER shippers do not have Ojibway as a delivery point as part of their service. ROVER utilizes services on Vector Pipelines and the Enbridge Gas system to deliver gas to Dawn and, therefore, ROVER shippers cannot specify physical delivery path to get to Dawn. ROVER did not bid in the RFP.
57. Only one market participant responded to the RFP. This is indicative of the limited number of counterparties holding transportation capacity to Ojibway on the PEPL system.
58. The bid received was subject to available capacity on the PEPL system, which was estimated by the bidder to be 19 TJ/d. Details of the bid received are set out below:

Bid Service Parameters:

- A. Start Date: November 1, 2023
- B. 5 Year initial term
- C. Annual Service (No bid received for winter-only)
- D. Exchange quantity: Up to 55 TJ/d subject to condition #4 below
- E. Unit price: \$0.55 CAD/GJ/d
- F. Annual price (\$11,041,250 CAD per year)

Conditions:

- A. Any service parameters and pricing are subject to refresh
- B. The proposal is subject to management and executive approval
- C. Subject to credit approval
- D. Exchange quantity is subject to available capacity on PEPL with delivery into Ojibway
  - i. Bid stated the estimated available quantity is 19 TJ/d
- E. At any time within the term of the deal, the demand rate is subject to change due to potential toll increases on PEPL
- F. Renewal rights to be negotiated between parties

59. On June 1, 2022, the PEPL website indicated that up to 21 TJ/d of delivery capacity was available at Ojibway. Based on results of the RFP and the information on the PEPL website, available PEPL system capacity with delivery to Ojibway is limited to 21 TJ/d. The results of the RFP confirmed that a firm exchange to Ojibway is not commercially available to defer the need for the proposed Project to Winter 2024/25. Therefore, the Company did not evaluate this alternative further.

2) *Firm exchange between Dawn and Ojibway in combination with looping of the NPS 20 Panhandle Line west of Dover Transmission and installing a Leamington lateral interconnect (Hybrid Alternative)*

60. While the entire capacity requirement cannot be met through delivered supply at Ojibway, the potential to utilize delivered supply to reduce the pipeline facilities otherwise required to meet the identified system need was evaluated. Enbridge Gas evaluated a 21 TJ/d firm exchange between Dawn and Ojibway beginning November 1, 2023 for a 40-year term (to match the expected useful life of the Project) along with a reduced length of an NPS 36 loop of the NPS 20 Panhandle Line and installation of a Leamington lateral interconnect. This evaluation found that the impact of the Ojibway deliveries to the length of the NPS 36 loop would be relatively small and resulted in the end of the loop being located in the middle of a landowner's agricultural property. When constructing new pipelines, Enbridge Gas does not typically construct pipeline tie-ins beyond the edge of property-lines or roadways where the facilities can be easily accessed for maintenance and connection to required utility services. Furthermore, locating pipeline tie-ins in the middle of an agricultural property would result in larger impacts to the landowner (i.e., installation of driveways, etc.). Enbridge Gas found that shortening the loop to the nearest point of access would not provide the necessary capacity to meet the 5-year forecasted system shortfall when combined with the 21 TJ/d exchange between Dawn and Ojibway. Therefore, the length of the pipeline loop would be equivalent to that of the proposed Project, making this hybrid alternative financially infeasible.

61. Notwithstanding the fact that this hybrid alternative does not viably impact the length of the NPS 36 loop, it would not be economic relative to the proposed Project even if Enbridge Gas proceeded to locate a tie-in in the middle of the agricultural property. For illustrative purposes, Enbridge Gas modelled the hybrid alternative such that it would provide the equivalent 203 TJ/d of capacity of the proposed Project. Enbridge

Gas determined that in this illustrative scenario, the NPS 36 loop would be reduced by only 1.65 km to a total length of 17.35 km. This 1.65 km reduction in the length of the loop would decrease the proposed Project cost by \$11.1 million. To achieve this scope reduction, Enbridge Gas estimated that the firm exchange would cost \$4.2 million annually for an estimated discounted total cost of \$73 million over a 40-year term.

62. The commercial availability, economic viability, flexibility, and reliability of this hybrid alternative is dependent on various factors including price, term, and capacity uncertainty, which poses risk to Enbridge Gas customers when relying on third party transportation services with delivery to Ojibway to meet firm demand.
63. There is future price risk with respect to exchange services. The service contains price variability compared to facility alternatives which have a fixed cost once installed.
64. The value of the exchange service is generally based on the relative difference in gas commodity price between Dawn and Ojibway. Gas prices are subject to change based on market factors over time. Therefore, the cost of an exchange service beyond the initial term is uncertain.
65. Renewal risk relates to the uncertainty and timing of exercising a renewal. Since a firm exchange service at Ojibway would require firm upstream transportation capacity on the PEPL system, the provider of a firm exchange service would be exposed to renewal risk of their firm capacity agreement with PEPL. This risk would be passed on to Enbridge Gas through similar renewal provisions in the exchange agreement. PEPL transportation services uses a Right of First Refusal (“ROFR”) process to manage renewals of firm capacity beyond their initial contracted terms. Generally, the ROFR notice requirement is due within 1-year of the initial term

expiring. When utilizing a ROFR, PEPL will require posting of the capacity to be renewed and if another party is willing to contract for a longer term at maximum tolls, the original contract holder would have to match that term to retain the rights to the capacity at maximum tolls. Therefore, there is risk that firm exchange services underpinned by firm upstream PEPL capacity may become unavailable with only a single year notice. A one-year notice is not sufficient if a facility alternative is required to replace capacity lost by an expired commercial agreement.

66. A summary of Enbridge Gas’s illustrative evaluation of the hybrid alternative discussed above is provided in Table 4 below.

Table 4: Hybrid Alternative Illustrative Economic Assessment

Potential Alternative	Incremental Capacity (TJ/d)	Facility Costs (\$ Million)	O&M Costs (1) (\$ Million)	NPV (\$ Million)	Cost per Unit of Capacity (\$/TJ/d)
Hybrid Alternative: NPS 20 Panhandle Line Looping [NPS 36] with NPS 16 Leamington Lateral Interconnect and 21 TJ/d Ojibway to Dawn Exchange	203	\$303.3	\$4.2 Annually \$73.1 over a 40-year term	\$(129.7)	\$1.85

(1) The estimated O&M costs are based on the bid received in the RFP. The bid stated pricing is subject to refresh based on the market conditions at the timing of contracting.

67. The hybrid alternative was rejected as it is not financially viable, would have a high cost relative to the proposed Project and would contain a high price and renewal risk associated with the firm exchange component.

3) *Trucked CNG*

68. Enbridge Gas considered using CNG deliveries to the Panhandle System to meet the identified system need. To address the identified system need using CNG, facilities would need to be constructed to produce CNG at Dawn for injection into the NPS 16 Panhandle Line in Windsor and the NPS 12 and NPS 8 Leamington North Lines north of Leamington North Gate Station.

69. A CNG analysis indicated that approximately 550 loads per day would be required to meet the shortfall capacity of 192 TJ/d. This alternative poses issues both in terms of logistics and in terms of security of supply. This alternative is not a viable solution and was not pursued further.

4) *ETEE*

70. Enbridge Gas engaged Posterity Group (“Posterity”) to evaluate whether an ETEE IRPA could viably meet the identified system need or reduce the scope of the facilities that would otherwise be required. This alternative examined the extent to which the NPS 36 Panhandle loop portion of the proposed Project, creating 120 TJ/d of capacity, or the Leamington lateral interconnect portion of the proposed Project, creating 83 TJ/d of capacity, could be eliminated or reduced through investment in ETEE. Due to the timing of the identified system need, this alternative would require a supply-side solution to bridge the gap between the year that the system is constrained (2023) and the year that the full ETEE reductions would be realized. However, as noted below, the ETEE alternative cannot meet the required peak demand reduction.

71. As noted in the Posterity report, included at Attachment 2 to this Exhibit, a maximum peak hour reduction potential of 6,900 m<sup>3</sup>/hour (5.43 TJ/d) from general service

customers could be obtained by Winter 2029/2030 and would cost approximately \$50 million.

72. A reduction of 83 TJ/day of capacity is required to eliminate or reduce the scope of the Leamington lateral interconnect. Therefore, there is insufficient peak demand reduction potential from the general service customer base downstream of the Leamington lateral interconnect to eliminate or reduce the scope of facility requirements to meet the identified system need. This alternative is not a viable solution and was not pursued further.

#### **D. Project Selection & Conclusion**

73. Based on the above assessment of alternatives, Enbridge Gas has determined that the proposed Project is the optimal solution to meeting the identified system need.

74. The proposed Project provides many benefits and is the best alternative for meeting the identified needs for the following reasons:

- Lowest cost per unit of capacity
- Meets required November 1, 2023 in-service date
- Provides market assurance in meeting the growing firm demands along the Panhandle System for the next five years
- Increases Ontario customers access to diverse supply, storage, and price transparency of the Dawn Hub
- Provides load balancing between existing laterals to reduce the pressure drop between the NPS 20 Panhandle Line and the Leamington-Kingsville market, which also allows for incremental growth throughout the entire Panhandle Market.
- Scalable with system growth.
- Directly feeds area of growth.

- Contains the lowest risk relative to other alternatives assessed.
- Contains the lowest environmental and socio-economic impacts relative to all viable alternatives assessed.



September 16, 2021

**Enbridge Gas Inc. Non-Binding Request for Proposal**

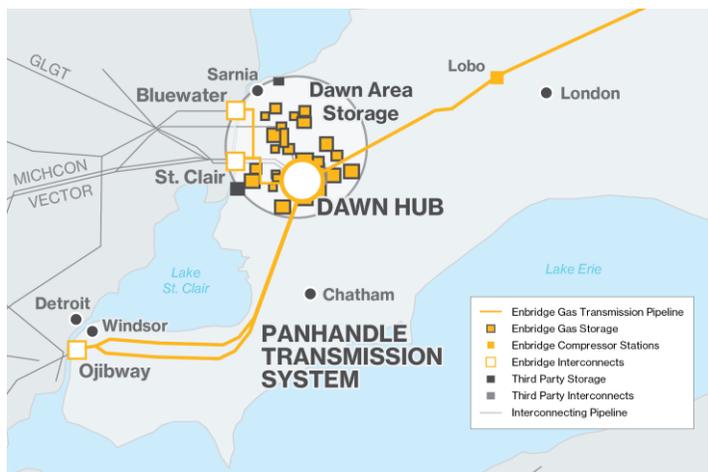
**Ojibway To Dawn Firm Exchange Service With Call Option - 2023**

Enbridge Gas Inc. (“**Enbridge Gas**”) is pleased to announce a Request for Proposal (“**RFP**”) for a Firm and Obligated Call Option Exchange Service beginning between Nov. 1, 2023 and Nov. 1, 2024 (later start dates will also be considered up to 2026). The following option is being contemplated as an Integrated Resource Planning alternative to provide incremental Panhandle Transmission System capacity:

- A Firm exchange between Ojibway & Dawn, facilitated via capacity on Panhandle Eastern Pipeline. This service would have Enbridge Gas receive gas at Ojibway when nominated and provide the counterparty the same amount of natural gas at Dawn.

**RFP details:**

<b>RFP - Ojibway To Dawn Firm Exchange Service With Call Option - 2023</b>
<b>Capacity:</b> Up to 55,000 GJ/d (annual) or Up to 80,000 GJ/d (Nov. 1 to March 31 only)
<b>Start Date:</b> As early as Nov. 1, 2023 (later start dates will also be considered up to 2026)
<b>Term:</b> Minimum five (5) year initial term
<b>Receipt Point (Shipper to Enbridge Gas):</b> Ojibway (Enbridge Gas system)
<b>Delivery Point (Enbridge Gas to Shipper):</b> Dawn (Facilities)
<b>Demand Rate:</b> Fixed Price (if applicable)
<b>Commodity Rate:</b> Fixed Price (if applicable)
<b>Fuel:</b> Seeking proposals for rate
<b>Renewable:</b> Yes - annually, with four (4) years’ notice for one year of additional service. Shipper to confirm rate for an additional year of service by Sept. 1 of each year.
<b>Termination:</b> Four (4) years’ notice by either party before Nov. 1 of each year.
<b>Quality of Service:</b> Firm and obligated, callable at Enbridge Gas’ discretion of 365 d/y (or 151 d/y with notice by 10 a.m. on day prior to gas flow.
<p><b>Comments:</b></p> <ul style="list-style-type: none"> <li>• Contract will be an Enbridge Gas Enhanced Exchange Agreement.</li> <li>• The Enbridge Gas HUB Contract is required.</li> <li>• All quantities to be supported by firm transportation agreements. Shipper must supply contract details for verification.</li> <li>• Rate for non-performance will be the highest spot price of natural gas in North America.</li> </ul>
<p><b>Links:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Enbridge Gas Enhanced Exchange Agreement</a></li> <li>• <a href="#">Enbridge Gas Hub Contract</a></li> </ul>



### Submitting and Acceptance of Proposal

This non-binding RFP closes at 12 p.m. (noon) ET / 11 a.m. CT on **Oct. 7, 2021**.

If you wish to submit a proposal under this RFP, please email:

- [EnbridgeGas\\_STSales@enbridge.com](mailto:EnbridgeGas_STSales@enbridge.com)

Enbridge Gas, at its sole discretion, reserves the right to reject any and all proposals received.

Any suggested conditions precedent proposed should be clearly articulated and attached to the RFP form and will be considered during the RFP review.

As part of the evaluation of the proposal, Enbridge Gas will determine if any facilities may be required to be built.

Successful bidders, if any, will be expected to enter into negotiations for a binding contract.



### Request for Proposal Form

#### RFP - Ojibway To Dawn Firm Exchange Service With Call Option - 2023

If you wish to participate in the Request for Proposal (RFP), please complete, sign and return this RFP Form on or before 12 p.m. ET / 11 a.m. CT on Oct. 7, 2021.

CUSTOMER CONTACT INFORMATION		<i>*Required Fields</i>
Corporate Name:*		
Contact Person*:		
Title:		
Telephone:*	E-mail:*	

SERVICE PARAMETERS	
Please indicate if you are submitting an RFP for the "2023 Firm and Obligated Call Option Exchange Service"	
Receipt Point:	Ojibway (Enbridge Gas system)
Delivery Point:	Dawn (Facilities)
Start Date:	Nov.1, 2023
Exchange quantity:	(GJ/day)
Term (years):	Minimum five (5) year initial term with four (4) year renewal right notice
Price	(CAD/GJ/d)
<ul style="list-style-type: none"> <li>Total price</li> </ul>	Five (5) year term
Conditions Precedent: (If any)	

Enbridge Gas, at its sole discretion, reserves the right to reject any and all proposals received.

Any suggested conditions precedent proposed should be clearly articulated and attached to the RFP Form and will be considered during the RFP review. Successful bidders, if any, will be expected to enter into negotiations for a binding contract.

<b>CORPORATE LEGAL NAME:</b> _____	
Signature: _____	E-mail: _____
Name: _____	Phone: _____
Dated this _____ day of _____ 2021	

Instructions: Please return your completed RFP Form before the **deadline of 12 p.m. ET / 11 a.m. CT on Oct. 7, 2021** via email to:

- EnbridgeGas\_STSales@enbridge.com.



## IRP Analysis project

### *Leamington Interconnect Findings*

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**Project:** Integrated Resource Planning Alternative Analysis (IRPA Analysis)

**Re:** Leamington Interconnect LTC

**Submitted by:** Posterity Group (PG)

**Date:** May 27, 2022

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This memo presents information about the potential to reduce natural gas peak hour demand in the Leamington area of southwestern Ontario, including the potential peak hour demand reduction, in m<sup>3</sup>/hr, by winter 2029/2030, and the associated costs. The scope of the analysis focuses on demand side management IRPAs (including energy efficiency and demand response measures).

The driver for this project is forecasted growth (mainly expected from contract customers). This memo focuses on existing and future general service customers and the potential for these customers to reduce peak hour demand during the forecast period in order to reduce the scope of the project.

## 1 Peak Hour Reduction and Cost

This analysis was intended to answer two research questions:

1. Using data from the Posterity 'mirror model' of the 2019 Achievable Potential Study (APS), what is the maximum peak hour reduction potential?
  - Peak hour reduction from demand side management is approximately 6,900 m<sup>3</sup>/hr by winter 2029/2030.<sup>1</sup>
2. How much would the peak hour reduction cost?
  - The total gross cost of the approximately 6,900 m<sup>3</sup>/hr of potential reduction that could be obtained by winter 2029/2030 would be approximately \$50 million; or an average gross cost of approximately \$7,300 per m<sup>3</sup>/hr reduction.
  - A Net-to-Gross ratio of 75 percent was used to estimate the gross costs of the program.<sup>2</sup>

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<sup>1</sup> Winter 2029/2030 savings and costs are represented by savings and costs for 2029 in the model to reflect the measures included before winter 2029/2030.

<sup>2</sup> The total gross costs presented do not include fixed portfolio overhead costs.





## 2 Most Impactful Sectors and End Uses

In addition to the preliminary answers to these two questions, the following key observations were made for the winter of 2029/2030:

- The residential sector accounts for 73 percent of the peak hour reduction while representing only 28 percent of the total peak hour consumption. The main reason for this discrepancy is that measures in the residential sector were predominantly space heating measures:
  - Space heating measures account for 76 percent of peak hour reductions and the residential sector accounts for 96 percent of the space heating reduction.
  - Space heating measures were more likely to pass the TRC test, particularly in the residential sector.
- The industrial sector makes up 55 percent of the total peak hour consumption but only accounts for 23 percent of the peak hour reductions. This effect is due to several reasons:
  - The HVAC and process heating (water and steam) end uses, both entirely in the industrial sector, make up 50 percent and 5 percent of total peak hour consumption, respectively. These end uses only account for a total of 22 percent of the peak hour reduction (17 percent for HVAC and 5 percent for process heating).
  - There were significantly less measures that passed the TRC test in the HVAC and process heating (water and steam) end uses, especially when compared with space heating.

## 3 Profile of Customers Included in Analysis

The analysis focused on a subset of customers in the Leamington region. Only general service customers are included in this analysis; contract customers are not included.

1. The following sectors and rate classes were included in the scope of the analysis:
  - Residential: M1
  - Commercial: M1, M2
  - Industrial: M1, M2
2. The reference peak hour demand is forecasted to increase from approximately 67,500 m<sup>3</sup>/hr in 2021 to approximately 71,600 m<sup>3</sup>/hr by the winter of 2029/2030.
  - The total peak hour demand in the winter of 2029/2030 is expected to be approximately 71,600 m<sup>3</sup>/hr, comprised of approximately 39,600 m<sup>3</sup>/hr in the industrial sector, 20,200 m<sup>3</sup>/hr in the residential sector, and 11,800 m<sup>3</sup>/hr in the commercial sector.



## PROPOSED PROJECT

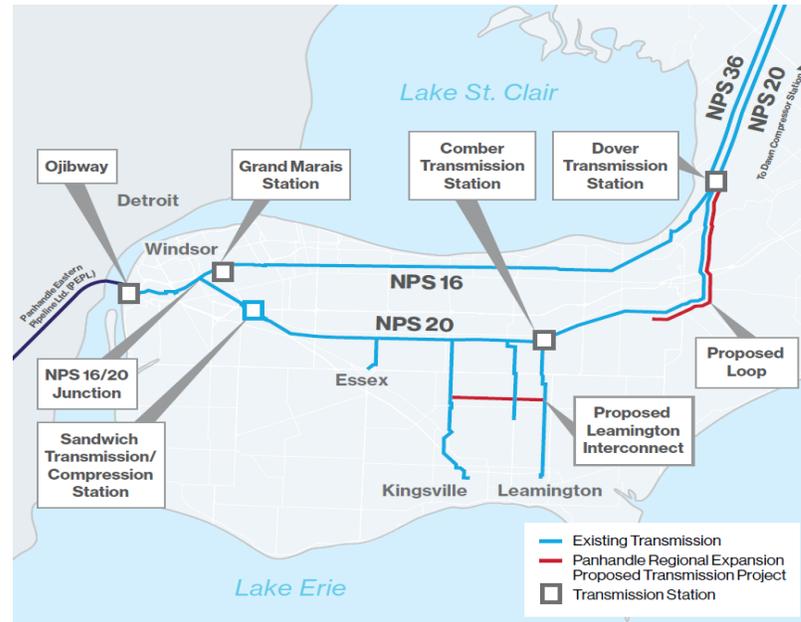
1. This Exhibit is organized as follows:

- A. Project Description
- B. Project Timing
- C. Project Construction
- D. Design Specifications & Testing Procedures
- E. TSSA Correspondance

A. Project Description

2. To provide reliable, secure, and affordable natural gas supply to meet the growth in Design Day demand of the Panhandle System, Enbridge is proposing to loop a portion of the existing NPS 20 Panhandle Line with a new NPS 36 pipeline (“Panhandle Loop”) and install a new NPS 16 pipeline connecting to the Kingsville East Line, Mersea Line, Leamington North Line, and Leamington North Loop (“Leamington Interconnect”). Figure 1 below is a map of the proposed Project facilities.
3. Enbridge Gas will also construct ancillary measurement, pressure regulation and station facilities within the Township of Dawn Euphemia, and in the Municipalities of Chatham-Kent, Lakeshore, Kingsville, and Leamington.

Figure 1: Map of Proposed Project Facilities



4. The Project will commence at the existing Enbridge Gas Dover Transmission Station located 40 km southwest of the Dawn Hub at Balmoral Line and Town Line Road in Chatham-Kent, Ontario. The pipeline will loop the existing NPS 20 Panhandle Line, following existing easements where possible, for approximately 19 km to Richardson Sideroad in Lakeshore, Ontario where it will tie into the existing NPS 20 Panhandle Line at a new valve site station. Additionally, the Project will include construction of a new NPS 16 pipeline interconnecting the Kingsville East Line, Mersea Line, Leamington North Loop, and Leamington North Line along with their required valve site stations.
  
5. The required pipeline, station, measurement, and pressure regulation facilities for the Project are listed in Table 1 below. Further details on the facility specifications can be found within the “Design Specifications & Testing Procedures” section of this Exhibit.

Table 1: Proposed Project

Item	Facilities	Approximate Pipe Length (m)	Nominal Pipe Size (inches)	Material	Maximum Operating Pressure (kPag)
i	Dawn Yard Upgrade	700	42	Steel	8960
ii	Panhandle Take-off Station	NA	NA	NA	6040
iii	Dover Transmission Station	NA	NA	NA	6040/4140
iv	Panhandle Loop	19,000	36	Steel, internally coated	6040
v	Richardson Sideroad Valve-Site Station	NA	NA	NA	6040
vi	Leamington Interconnect	12,000	16	Steel	6040
vii	Leamington Interconnect Valve Site Stations	NA	NA	NA	6040

6. A description of each of the above proposed facilities is outlined below:

- i. **Dawn Yard Upgrade:** Approximately 700 m of 8960 kPa MOP NPS 42 station header piping and other various modifications are needed to maintain the required discharge pressure from Dawn to the Panhandle System.
- ii. **Panhandle Take-off Station:** The existing station located within the Dawn Yard will be modified to meet the forecast needs of the Panhandle System. The modifications include measurement, odourization and regulation assets.
- iii. **Dover Transmission Station:** This existing regulating station will be modified to connect the new NPS 36 pipeline to the upstream system. Flow measurement equipment will also be added to the station.

- iv. **Panhandle Loop:** 19 km of 6040 kPag MOP NPS 36 pipeline will parallel the NPS 20 from Dover Transmission Station to a new valve site station at Richardson Sideroad.
- v. **Richardson Sideroad Valve Site Station:** A new valve site station is required at the end of the NPS 36 Panhandle Loop to connect to the existing NPS 20 mainline. Isolation valves and launcher/receiver facilities will be installed at this location.
- vi. **Leamington Interconnect :** 12 km of 6040 kPag MOP NPS 16 pipeline connecting the Kingsville East Line, Mersea Line, Leamington North Loop, and Leamington North Line.
- vii. **Leamington Interconnect Valve Site Stations:** 3 new valve site stations with isolation valves are required to connect the Leamington Interconnect to each of the existing laterals (Kingsville East Line, Mersea Line, Leamington North Loop, and Leamington North Line).

#### B. Project Timing

- 7. The proposed Project will be constructed and placed into service in two phases:
  - A. Construction of the Panhandle Loop, Dawn yard upgrades, modifications to the Panhandle take-off station and Dover Transmission Station, and construction of the new Richardson valve site station to commence in the first quarter of 2023, subject to OEB approval, and to be placed into service by November 1, 2023; and
  - B. Construction of the Leamington Interconnect and Leamington Interconnect valve site stations to commence in the second quarter of 2024, subject to OEB approval, and to be placed into service by November 1, 2024.

8. The proposed construction schedule for the Project is set out in Attachment 1 to this Exhibit.

C. Project Construction

9. Enbridge Gas will ensure that all pipeline components for the Project will be designed, installed, and tested in accordance with specifications outlined in Enbridge Gas's Construction and Maintenance Manual ("Specifications"). The Specifications meet or exceed the requirements of CSA Z662-19 – *Oil and Gas Pipeline System standard and Ontario Regulation 210/01, Oil and Gas Pipeline Systems*.
10. Enbridge Gas will construct the Project using qualified construction contractors and Enbridge Gas employees. Each of these groups will follow the approved construction Specifications which will be supplemented with site specific conditions for the Project as per the findings in the Environmental Report discussed at Exhibit F, Tab 1, Schedule 1. All construction, installation and testing of the Project will be witnessed and certified by a valid Gas Pipeline Inspection Certificate Holder.
11. The method of construction will be a combination of open trench and trenchless technology. Restoration and monitoring will be conducted to ensure successful environmental mitigation for the Project.
12. Pipeline construction is performed by and coordinated among several crews that create a mobile assembly line. Each crew performs a different function, with a finished product left behind when the last crew has completed its work.

13. Contractors are required to erect safety barricades, fences, signs or flashers, or to use flag persons as may be appropriate, around any excavation across or along a road.

14. Construction of the pipelines include the following activities:

(a) Locating Running Line

The location where the pipeline is to be installed (the running line) is established initially. For pipelines within road allowances, the adjacent property lines are identified, and the running line is set at a specified distance from the property line. For pipelines located on private easement, the easement is surveyed, and the running line is set at the specified distance from the edge of the easement. The distance from the start of the pipeline (or other suitable point) is marked on the pipeline stakes and the drawings.

(b) Clearing and Grading

The right-of-way is prepared for the construction of the pipeline. When required, bushes, trees and crops are removed, and the ground is leveled. When required, the topsoil is stripped and stored, and/or sod is lifted.

(c) Stringing

The joints of pipe are laid end-to-end on supports that keep the pipe off the ground to prevent damage to the pipe coating.

(d) Welding

The pipe is welded/fused into manageable lengths. The welds in steel pipe are radiographically inspected and the welds are coated.

(e) Installation

Pipe may be installed using either the trench method or the trenchless method. All utilities that will be crossed or paralleled by the pipeline within the identified construction area will be located by the appropriate utility owner prior to installing the pipeline. Prior to construction, all such utilities will be hand-located or hydro vacuumed to identify their location.

*Trench Method:* Trenching is done by using a trenching machine, backhoe or excavator depending upon the ground conditions. Provisions are made to allow residents access to their property, as required. All drainage tiles that are cut during the trench excavation are flagged to signify that a repair is required. All tiles are measured and recorded as to size, depth, type and quality and this information is kept on file.

The Dam & Pump method of isolating watercourse crossings (also referred to as a dry crossing method) are often used in smaller watercourses where flow is slow to moderate and can be managed by isolation equipment such as dams and pumps. Essentially the watercourse or flow is pumped from in front of the upstream dam, pumped over the construction site and discharged back into the watercourse behind the downstream dam. The area between the dams is dewatered in order to allow the installation of the pipeline to occur in the dry.

For steel pipe, the pipe coating is then inspected and tested using a high voltage electrical tester as the pipe is lowered into the trench. All defects in the coating are repaired before the pipe is lowered in. Next, the trench is backfilled using suitable material such as sand or other approved material as per

Enbridge Gas Specifications. After the trench is backfilled, drainage tile is repaired as applicable.

*Trenchless Method:* Trenchless methods are alternate methods used to install pipelines under railways, roads, sidewalks, trees and environmentally sensitive areas and water courses. There are three trenchless methods: directional drilling, auger bore, and direct pipe. All three methods share the same principles but vary in the drilling distance, depth, and type of equipment. The trenchless methods proposed for installing the Panhandle Loop are horizontal directional drilling, auger bore, and direct pipe. The trenchless methods proposed for the Leamington Interconnect are the horizontal directional drill and auger bore.

(f) Tie-Ins

The sections of pipelines that have been buried using either the trench or trenchless method are joined together (tied-in).

(g) Cleaning and Testing

To complete the construction, the pipeline is cleaned, hydrostatically tested with water in accordance with Enbridge Gas Specifications, dewatered and placed into service.

(h) Backfilling and Restoration

The final construction activity is restoration of lands. The work area is backfilled and leveled, sod is replaced in lawn areas and other grassed areas are re-seeded. Where required, concrete, asphalt and gravel are replaced, and all areas affected by the construction of the pipeline are returned to as close to original condition as possible. As a guide to show the original condition of the area, photos and/or a video will be taken before any work commences. When the

clean-up is completed, the approval of landowners or appropriate government authority is obtained.

D. Design Specifications & Testing Procedures

15. The proposed facilities for the Project are set out in Table 1 above.

16. The design specifications for the Project are provided in Tables 2 and 3 below. The specifications are representative of the entire Project including the main pipeline, and ancillary station facilities. Higher wall thickness, higher grade, or higher category piping may also be used in stations applications pending final engineering assessment and calculations. Testing procedures for the Project are discussed below.

Table 2: NPS 36, Design Specifications

Description	Design Specification		Unit
<b>Pipe (NPS 36)</b>			
<b>External Diameter (OD)</b>	914.4		mm
<b>Wall Thickness</b>	11.9	14.3	mm
<b>Pipe Grade</b>	483	483	MPa
<b>Material Specification</b>	CSA Z245.1		-
<b>Material Toughness</b>	CAT II		-
<b>Coating Type</b>	Fusion Bonded Epoxy & Abrasion Resistant Overcoat for external coating and Liquid Epoxy for internal coating (pipeline) YJ / High Performance Paint (Station)		
<b>Material Designation</b>	Carbon Steel		-
<b>Cathodic Protection</b>	Galvanic system (Corrosion Operating Standard, Galvanic Anode Installation Procedure)		

<b>Components</b>			
<b>Fittings</b>	CSA Z245.11		-
<b>Flanges</b>	CSA Z245.12		-
<b>Valves</b>	CSA Z245.15		-
<b>Design Data</b>			
<b>Class Location</b>	2 & 3		-
<b>Design Pressure (DP)</b>	6,895		kPag
<b>Hoop Stress at Design Pressure per % SMYS</b>	55%	46%	
<b>Maximum Operating Pressure (MOP)</b>	6040		kPag
<b>Hoop Stress at MOP per % SMYS</b>	48%	40%	
<b>Minimum Depth of Cover</b>	1.2		M
<b>Method of Construction</b>	Open Cut / Trenchless (Pipeline) Open Cut (Stations)		-
<b>Strength Test Data</b>			
<b>Test Medium</b>	Water		-
<b>Test Pressure (Min / Max)</b>	9,653 / 10,342		kPag
<b>Hoop Stress at Strength Test per % SMYS</b>	77%	64%	
<b>Test Duration</b>	4		Hrs
<b>Leak Test Data</b>			
<b>Test Medium</b>	Water		-
<b>Test Pressure</b>	7,585 / 9,653		kPag
<b>Hoop Stress at Strength Test per % SMYS</b>	60%	50%	
<b>Test Duration</b>	4		Hrs

17. The NPS 36 pipeline will be strength tested after installation, prior to the leak test, for a duration of four hours. The strength test will use water as the test medium at pressures between 9,653 and 10,342 kPag (1.4 – 1.5x Design Pressure). This corresponds to a maximum 77% Specified Minimum Yield Stress (“SMYS”) during the strength test.

18. The NPS 36 pipeline will be leak tested after installation, following the strength test, for a duration of four hours. The leak test will use water as the test medium at a pressure between 7,585 and 9,653 kPag (1.1 to 1.4x Design Pressure). This corresponds to a maximum 60% SMYS during the leak test.

Table 3: NPS 16 Design Specifications

<b>Description</b>	<b>Design Specification</b>	<b>Unit</b>
<b>Pipe (NPS 16)</b>		
<b>External Diameter (OD)</b>	406.4	mm
<b>Wall Thickness</b>	9.5	mm
<b>Pipe Grade</b>	448	MPa
<b>Material Specification</b>	CSA Z245.1	-
<b>Material Toughness</b>	CAT II	-
<b>Coating Type</b>	Fusion Bonded Epoxy & Abrasion Resistant Overcoat (Pipeline) YJ / High Performance Paint (Station)	
<b>Material Designation</b>	Carbon Steel	-

<b>Cathodic Protection</b>	Galvanic system (Corrosion Operating Standard, Galvanic Anode Installation Procedure)	-
<b>Components</b>		
<b>Fittings</b>	CSA Z245.11	-
<b>Flanges</b>	CSA Z245.12	-
<b>Valves</b>	CSA Z245.15	-
<b>Design Data</b>		
<b>Class Location</b>	2	-
<b>Design Pressure (DP)</b>	6,040	kPag
<b>Hoop Stress at Design Pressure per % SMYS</b>	29%	
<b>Maximum Operating Pressure (MOP)</b>	6,040	kPag
<b>Hoop Stress at MOP per % SMYS</b>	29%	
<b>Minimum Depth of Cover</b>	1.2	m
<b>Method of Construction</b>	Open Cut / Trenchless (Pipeline) Open Cut (Stations)	-
<b>Strength Test Data</b>		
<b>Test Medium</b>	Water	-
<b>Test Pressure (Min / Max)</b>	8,456 / 9,060	kPag
<b>Hoop Stress at Strength Test per % SMYS</b>	40%	

<b>Test Duration</b>	4	Hrs
<b>Leak Test Data</b>		
<b>Test Medium</b>	Water	-
<b>Test Pressure</b>	6,644 / 8,456	kPag
<b>Hoop Stress at Strength Test per % SMYS</b>	32%	
<b>Test Duration</b>	4	Hrs

19. The NPS 16 pipeline will be strength tested after installation, prior to the leak test, for a duration of four hours. The strength test will use water as the test medium at pressures between 8,456 and 9,060 kPag (1.4 – 1.5x Design Pressure). This corresponds to a maximum 40% SMYS during the strength test.

20. The NPS 16 pipeline will be leak tested after installation, following the strength test, for a duration of four hours. The leak test will use water as the test medium at a pressure between 6,644 and 8,456 kPag (1.1 to 1.4x Design Pressure). This corresponds to a maximum 32% SMYS during the leak test.

E. TSSA Correspondence

21. Enbridge Gas has filed an application with the Technical Standards & Safety Authority (“TSSA”). To date, Enbridge Gas has not received any concerns from the TSSA regarding their review and expects to receive a letter indicating that they have completed their review of the design for the proposed facilities in the coming months.



## PROJECT COSTS AND ECONOMICS

1. The purpose of this Exhibit is to provide an overview of the costs of the Project and the economic analysis that was completed to demonstrate that the Project is economically feasible and in the public interest.

2. This Exhibit is organized as follows:

A. Project Cost

B. Project Economics

- i. Stage 1 – Project Specific Discounted Cash Flow Analysis
- ii. Stage 2 – Benefit/Cost Analysis
- iii. Stage 3 – Other Public Interest Considerations
- iv. Summary of Stages 1 to 3 Analyses

A. Project Cost

1. The total estimated cost of the Project is \$314.4 million, as shown in Exhibit E, Tab 1, Schedule 2. This cost includes: (i) materials; (ii) labour; (iii) external permitting and land; (iv) outside services; (v) contingencies; (vi) interest during construction; and (vii) indirect overheads. Excluding indirect overheads, the total estimated cost of the Project is \$260.2 million.

2. The costs are based upon a class 3 estimate prepared in Q1 2022 as per American Association of Cost Engineers standards and include a contingency of approximately 11% applied to all direct capital costs reflecting the preliminary design stage of the Project. This contingency amount has been calculated based on the risk profile of the Project and is consistent with contingency amounts calculated for projects in similar stages of design and complexity completed by Enbridge Gas.

3. Tables 1 and 2 below provide a comparison of Project costs to other recent expansion projects on the Panhandle System. To provide an effective comparison of project costs, the Panhandle Loop and the Leamington Interconnect portions of the Project have been segmented and compared against previous projects of a similar nature on the Panhandle System (i.e., comparing the Panhandle Loop to a prior looping of the Panhandle System and the Leamington Interconnect to a prior Panhandle System lateral expansion). Table 1 compares the estimated cost of the Panhandle Loop portion of the Project to the estimated and actual cost of the NPS 36 pipeline expansion approved in the Panhandle Reinforcement Project (EB-2016-0186). Table 2 compares the estimated cost of the Leamington Interconnect portion of the Project to the estimated and actual cost of the NPS 20 pipeline approved in the Kingsville Transmission Reinforcement Project (EB-2018-0013). Enbridge Gas is not aware of any other recent and comparable project approved by the OEB. Furthermore, Enbridge Gas notes that these projects are not directly comparable as they occurred during different timeframes and have differing project characteristics such as pipe diameter and length. A high-level explanation of significant variances is provided in the notes to each table.

Table 1: Project Cost Comparison – Panhandle Loop

Item No.	Description	(a) Current Project Panhandle Loop	(b) Comparison Forecast 2017 PRP (EB-2016-0186)	(c) Comparison Actual 2017 PRP (EB-2016-0186)	(d) = (a) – (c) Variance to Actual
	<i>Pipeline Diameter</i>	<i>NPS 36</i>	<i>NPS 36</i>	<i>NPS 36</i>	
	<i>Length (km)</i>	<i>19 km</i>	<i>40 km</i>	<i>40 km</i>	
	<i>Pipeline Material</i>	<i>Steel</i>	<i>Steel</i>	<i>Steel</i>	
1	Materials	56,600,000	23,800,000	24,480,000	32,120,000 (1)
2	Labour, External Permitting and Land, Outside Services	124,100,000	203,754,000	202,374,000	(78,274,000) (2)
3	Contingency	19,200,000	34,133,000	-	19,200,000
4	IDC	<u>3,500,000</u>	<u>2,781,000</u>	<u>1,837,000</u>	<u>1,663,000</u>
5	Total Direct Capital Cost	203,400,000	264,468,000	228,691,000	(25,291,000)
6	Indirect Overheads	<u>43,200,000</u>	-	-	<u>43,000,000</u> (3)
7	Total Project Cost	<u>246,600,000</u>	<u>264,468,000</u>	<u>228,691,000</u>	<u>17,709,000</u>
8	Total Cost per km	12,978,947/km	6,611,700/km	5,717,275/km	7,261,672/km

Notes

(1) Materials - The Panhandle Reinforcement Project was constructed and placed into service in 2017. Material costs for the proposed Project are significantly higher due to inflation and current market conditions. In addition, there are additional material costs for the proposed Project due to there being more station, measurement, and valve site work (particularly within the Dawn yard) relative to the Panhandle Reinforcement Project.

(2) Labour costs for the proposed Project are significantly less due to the length of the Panhandle Loop (19 km) vs the Panhandle Reinforcement Project (40km).

(3) Indirect overheads were not forecasted for the Panhandle Reinforcement Project.

Table 2: Project Cost Comparison – Leamington Interconnect

Item No.	Cost Description	(a) Current Project PREP: Leamington Lateral	(b) Comparison Forecast KTRP (EB-2018-0013)	(c) Comparison Actual KTRP (EB-2018-0013)	(d) = (a) – (c) Variance to Actual
	<i>Pipeline Diameter</i>	<i>NPS 16</i>	<i>NPS 20</i>	<i>NPS 20</i>	
	<i>Length (km)</i>	<i>12 km</i>	<i>19 km</i>	<i>19 km</i>	
	<i>Pipeline Material</i>	<i>Steel</i>	<i>Steel</i>	<i>Steel</i>	
1	Materials	13,200,000	7,724,000	8,932,428	4,267,572 (1)
2	Labour, External Permitting and Land, Outside Services	37,300,000	82,931,000	67,912,817	(30,612,817) (2)
3	Contingency	5,200,000	13,599,000	-	5,200,000
4	IDC	1,100,000	1,462,000	691,496	408,504
5	Total Direct Capital Cost	56,800,000	105,716,000	77,536,741	(20,736,741)
6	Indirect Overheads	11,000,000	-	-	11,000,000
7	Total Project Cost	67,800,000	105,716,000	77,536,741	(9,736,741)
8	Total Cost per km	5,650,000/km	5,564,000/km	4,080,881/km	1,569,119/km

Notes

- (1) Materials - The Kingsville Transmission Reinforcement Project was constructed and placed into service in 2019. Material costs for the proposed Project are significantly higher due to inflation and current market conditions.  
 (2) Labour costs for the proposed Project are significantly less due to the length and size of the Leamington Interconnect (12 km of NPS16) vs the Kingsville Transmission Reinforcement Project (19.8 km of NPS20).  
 (3) Indirect overheads forecast was not identified for the Kingsville Transmission Reinforcement Project. Indirect overheads were subsequently identified in Enbridge Gas's 2019 Rates Proceeding to be \$15,700,000 (EB-2018-0305, Exhibit JT1.7).

B. Project Economics

4. The purpose of this section of evidence is to discuss the economic analysis of the Project, completed in accordance with the OEB's recommendations in E.B.O. 134 Report of the Board ("E.B.O. 134"). E.B.O. 134 is the appropriate economic test to apply to the Project, as the Project consists entirely of transmission pipeline infrastructure to which distribution customers do not directly connect. The use of E.B.O. 134 for the Project is also consistent with recent expansions to Enbridge

Gas's Panhandle System approved by the OEB.<sup>1</sup>

5. To provide the OEB with supporting information, a Discounted Cash Flow ("DCF") analysis, consistent with E.B.O. 134, has been completed.
6. Stage 1 consists of a DCF analysis specific to Enbridge Gas. All incremental cash inflows and outflows resulting from the Project are identified. The NPV of the cash inflows is divided by the NPV of the cash outflows to arrive at a profitability index ("PI"). If the NPV of the cash inflows is equal to or greater than the NPV of the cash outflows, PI is equal to or greater than 1.0 and the Project is considered economic based on current approved rates. If the Project NPV is less than \$0 or the PI is less than 1.0, Stage 2 and 3 benefit/cost analysis must be undertaken.
7. Stage 2 consists of discounting the quantified benefits to customers resulting from the Project at a social discount rate and the results are added to the Project NPV from Stage 1 to calculate the direct net benefit of the Project to Enbridge Gas customers. The Project is considered to be in the public interest if the net benefit is greater than \$0.
8. Stage 3 analysis considers other quantifiable benefits and costs related to the construction of the Project, not included in the Stage 2 analysis, and other non-quantifiable public interest considerations.

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<sup>1</sup> Union Gas Panhandle Reinforcement Project: EB-2016-0186, Union Gas Kingsville Transmission Reinforcement Project: EB-2018-0013.

*i. Stage 1 – Project Specific Discounted Cash Flow Analysis*

9. The Stage 1 DCF analysis for the Project can be found at Exhibit E, Tab 1, Schedule 5. This schedule indicates that the Project has a NPV of negative \$95 million and a PI of 0.63.
  
10. A summary of the key input parameters, values and assumptions used in the Stage 1 DCF analysis can be found at Exhibit E, Tab 1, Schedule 3.
  
11. Incremental cash inflows are estimated based on the transmission portion (“transmission margin”) of 2022 OEB-approved rates.<sup>2</sup> The revenue calculation for the transmission margin can be found at Exhibit E, Tab 1, Schedule 4.
  
12. Incremental cash outflows, in accordance with E.B.O. 134, include all estimated incremental Project costs. Indirect overhead is not included within cash outflows.
  
13. The total estimated incremental cost of \$260.2 million can be found at Exhibit E, Tab 1, Schedule 2, Line 7.

*ii. Stage 2 – Benefit/Cost Analysis*

14. A Stage 2 analysis was undertaken as the Stage 1 NPV is less than zero (negative \$95 million). The Stage 2 analysis considers the estimated energy cost savings that accrue directly to Enbridge Gas in-franchise customers as a result of using natural gas instead of another fuel to meet their energy requirements. The difference in fuel cost is derived as:

$$[\textit{Weighted Average Alternative Fuel Cost} - \textit{Cost of Natural Gas}] \times \textit{Energy Use}$$

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<sup>2</sup> EB-2021-0147

15. The Stage 2 NPV of energy cost savings are estimated to be in the range of approximately \$214 million over a period of 20 years to \$335 million over 40 years. A range is provided as the outcome can vary depending upon the assumptions for alternative fuel mix, energy use, fuel prices, and term.
16. The Stage 2 energy cost savings have only been calculated for the general service customer class. It is assumed that contract rate customers will not choose an alternative fuel if natural gas is not available to them. The non-availability of natural gas will cause contract rate customers to expand or move their operations to other jurisdictions, likely outside of Ontario, where their natural gas needs can be served. The resulting impacts to the Ontario economy are addressed in Stage 3.
17. The results and assumptions associated with this analysis can be found at Exhibit E, Tab 1, Schedule 6.

*iii. Stage 3 – Other Public Interest Considerations*

18. There are several other public interest factors for consideration as a result of the Project. Some are quantifiable and others are not readily quantifiable. Quantifiable factors include GDP, taxes, and employment impacts. Applicable other public interest factors are discussed below:

Economic Benefits for Ontario

19. The construction of the Project will provide direct and indirect economic benefits to Ontario estimated at approximately \$223 million, as detailed at Exhibit E, Tab 1, Schedule 7. This figure is related only to the construction of the Project and does not include the similar direct and indirect economic benefits to Ontario when natural gas customers receiving this incremental supply invest and grow their operations. As outlined in Exhibit B, Tab 1, Schedule 1, customers who submitted EOI bids were requested to provide economic development impacts related to their incremental

natural gas needs. In the EOI bid responses, customers indicated that total direct capital investment into their business operations in Southern Ontario would exceed \$6.37 billion. This amount does not include capital investment in the Province from the NextStar facility, as they approached Enbridge Gas after the close of the EOI.

### Employment

20. The construction of this Project will result in additional direct and indirect employment. There will be additional employment of persons directly involved in the construction of the Project. In addition, there will be a trickledown effect on employment as the Project is estimated to create approximately 934 jobs as referenced at Exhibit E, Tab 1, Schedule 7.
21. Additionally, as outlined in Exhibit B, Tab 1, Schedule 1, customers indicated that a total of 11,526 jobs could be created through the investment into their business operations enabled by the incremental capacity of the proposed Project.

### Utility Taxes

22. A decision to proceed with this Project will result in Enbridge Gas paying taxes directly to various levels of government. These taxes include Ontario income taxes and municipal taxes paid by Enbridge Gas as a direct result of the Project and are included as costs in the Stage 1 DCF analysis. These taxes are not true economic costs of the Project since they represent transfer payments within the economy that are available for redistribution by federal, provincial, and municipal governments. The NPV of Ontario income taxes and municipal taxes payable by Enbridge Gas related to the Project over the Project life is approximately \$42 million with a further \$17 million paid to the federal government. These figures are further detailed at Exhibit E, Tab 1, Schedule 7.

Employer Health Taxes

23. The additional employment resulting from construction of the Project will generate additional employer health tax payments to aid in covering the cost of providing health services in Ontario.

*iv. Summary of Stages 1 to 3 Analyses*

24. The Table 3 below shows the NPV calculated for the 3-Stage economic analysis completed for the Project.

Table 3: NPV Calculation

Stage	NPV (\$millions)
1	(\$95)
2	\$214 to \$335
3	\$223
Total	\$342 to \$463

25. As set out above, the Project is in the public interest and the tests set out in E.B.O. 134 are appropriate for the purposes of evaluating the Project. Based on these tests, the Project has a net present value of \$342 million to \$463 million and is economically feasible.

26. On February 21, 2013, the Board issued a new requirement to the Filing Guidelines on the Economic Tests for Transmission Pipeline Applications with respect to E.B.O. 134 (EB-2012-0092):<sup>3</sup>

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<sup>3</sup> EB-2012-0092, Filing Guidelines on the Economic Tests for Transmission Pipeline Applications, February 21, 2013, P. 3.

Any project brought before the Board for approval should be supported by an assessment of the potential impacts of the proposed natural gas pipeline(s) on the existing transportation pipeline infrastructure in Ontario, including an assessment of the impacts on Ontario consumers in terms of cost, rates, reliability and access to supplies.

27. These impacts have been addressed throughout this application and evidence.

Table 4 below summarizes these impacts and provides references to additional detail.

**Table 4: Project Impact to Customers**

<b>Entity Impacted</b>		<b>Summary of Impact</b>	<b>Reference</b>
Existing Infrastructure	Enbridge Gas	Enbridge Gas is proposing to construct: i) 19 km of NPS 36 pipeline that will parallel the existing NPS 20 pipeline from the Dover Transmission Station to a new valve site at Richardson Sideroad and ii) 12 km of NPS 16 pipeline connecting the Kingsville East Line, Mersea Line, Leamington North Line, and Leamington North Loop.	Exhibit D, Tab 1, Schedule 1
Impacts to Ontario consumers	Costs and Rates	Enbridge Gas is not seeking cost recovery of the Project as part of this application. Enbridge Gas expects that, upon rebasing, the capital costs associated with the Project will be included within rate base. Enbridge Gas will allocate Project costs to rate classes according to the applicable OEB-approved cost allocation methodology in place at the time the Company applies for such rate recovery.	N/A
	Reliability and Access to Supplies	In response to increased forecast of demand growth, the Project will create incremental reliable firm transportation assets on the Panhandle System. Project also supports increased access to the Dawn Hub for the Panhandle Market, providing lower cost and greater reliability.	Exhibit B, Tab 3, Schedule 1 Exhibit C, Tab 1, Schedule 1

Panhandle Regional Expansion Project  
Project Cost  
(\$ Millions)

Item No.	Cost Description	NPS 36			NPS 16			Dawn	Total
		Mainline	Stations	Subtotal	Mainline	Stations	Subtotal		
1	Materials	\$ 28.3	\$ 3.5	\$ 31.8	\$ 6.9	\$ 6.3	\$ 13.2	\$ 24.8	\$ 69.8
2	Labour	0.5	-	0.5	0.1	0.1	0.2	0.2	0.9
3	External Permitting and Land	15.3	0.2	15.5	10.0	0.3	10.3	-	25.8
4	Outside Services	80.4	4.5	84.9	13.4	13.4	26.8	23.0	134.7
5	Contingency	13.1	0.9	14.0	3.2	2.0	5.2	5.2	24.4
6	Interest During Construction	2.3	0.2	2.5	0.8	0.3	1.1	1.0	4.6
7	Total Direct Capital Cost	139.9	9.3	149.2	34.4	22.4	56.8	54.2	260.2
		-	-	-	-	-	-	-	-
8	Indirect Overheads	29.7	2.0	31.7	6.6	4.4	11.0	11.5	54.2
9	Total Project Cost	<u>\$ 169.6</u>	<u>\$ 11.3</u>	<u>\$ 180.9</u>	<u>\$ 41.0</u>	<u>\$ 26.8</u>	<u>\$ 67.8</u>	<u>\$ 65.7</u>	<u>\$ 314.4</u>

**PREP - Panhandle Regional Expansion Project**

**InService Date: Nov-01-2023**

**(Project Specific DCF Analysis)**

**Stage 1 DCF - Listing of Key Input Parameters, Values and Assumptions (\$000'S)**

<p><b>Discounting Assumptions</b></p> <p>Project Time Horizon</p> <p>Discount Rate</p>		<p>40 years commencing at facilities in-service date of 01 Nov 23</p> <p>Incremental after-tax weighted average After Tax Cost of Capital of 5.07%</p>															
<p><b>Key DCF Input Parameters, Values and Assumptions</b></p> <p><b>Net Cash Inflow:</b></p> <p>Incremental Revenue:</p> <p>    Transmission portion of customer rates</p> <p>Operating and Maintenance Expense</p> <p>Incremental Tax Expenses:</p> <p>    Municipal Tax</p> <p>    Income Tax Rate</p> <p>CCA Rates:</p> <table border="0"> <thead> <tr> <th>CCA Classes:</th> <th>CCA Class</th> <th>CCA Rate</th> </tr> </thead> <tbody> <tr> <td>Land</td> <td>-</td> <td>-</td> </tr> <tr> <td>Land Rights</td> <td>14.1</td> <td>5%</td> </tr> <tr> <td>Transmission Mains - Metallic</td> <td>49</td> <td>8%</td> </tr> <tr> <td>Measurement &amp; Regulating Equipm</td> <td>8</td> <td>20%</td> </tr> </tbody> </table>		CCA Classes:	CCA Class	CCA Rate	Land	-	-	Land Rights	14.1	5%	Transmission Mains - Metallic	49	8%	Measurement & Regulating Equipm	8	20%	<p>0.178991 \$/ M3 / month applied to Contract Demand</p> <p>0.021035 \$ / M3 applied to general service volume</p> <p>Estimated incremental cost</p> <p>Estimated incremental cost 26.50%</p> <p>Declining balance rates by CCA class:</p>
CCA Classes:	CCA Class	CCA Rate															
Land	-	-															
Land Rights	14.1	5%															
Transmission Mains - Metallic	49	8%															
Measurement & Regulating Equipm	8	20%															
<p><b>Cash Outflow:</b></p> <p>Incremental Capital Costs Attributed</p> <p>Change in Working Capital</p>		<p>Refer to Exhibit E, Tab 1, Schedule 2, Line 7</p> <p>5.051% applied to O&amp;M</p>															

**Calculation of Revenue (Transmission Margins)**

**PREP - Panhandle Regional Expansion Project**  
**InService Date: Nov-01-2023**

Line	Project Year	(\$000's)	1	2	3	4	5	6	7	8	9	10
Transmission costs are recovered from Contract rate classes based on Firm Contract Demand (CD) The deemed incremental revenue is based on the capacity created by the Project												
<b>Contract Methodology: Total CD * 12 *Transmission Margin</b>												
1	Transmission Margin \$/M3 / month	0.178991										
2	Contract Demand 10 <sup>3</sup> m <sup>3</sup> /month		752	2,852	3,485	4,117	4,750	4,998	4,998	4,998	4,998	4,998
3	Transmission Margin		\$1,615	\$6,125	\$7,484	\$8,844	\$10,203	\$10,735	\$10,735	\$10,735	\$10,735	\$10,735
<b>General Service Transmission Margin = Volumes * Transmission Margin</b>												
4	Transmission Margin \$ / M3 consumed	0.021035										
5	Volume 10 <sup>3</sup> M <sup>3</sup>		2,026	6,070	10,111	14,153	18,194	22,236	24,253	24,253	24,253	24,253
6	Transmission Margin		\$43	\$128	\$213	\$298	\$383	\$468	\$510	\$510	\$510	\$510
7	Total Transmission Margin		\$1,657	\$6,253	\$7,697	\$9,142	\$10,586	\$11,202	\$11,245	\$11,245	\$11,245	\$11,245

The transmissions margins are Jan 2022 rates









Stage 2 (Customer Fuel Savings) Data for Panhandle Regional Expansion Project

Line	Assumptions				Fuel Mix in the Event Gas is Not Available		
	(a)	(b)	(c)	(d)=(b)-(c)	(e)	(f)=(d)*(e)	
			Gas		General Service		
	Fuel Prices	\$/m <sup>3</sup>	\$/m <sup>3</sup>	Diff \$/m <sup>3</sup>		Fuel Mix	Wt Ave Diff \$/ M <sup>3</sup>
1	Heating Oil	1.17	0.14	1.03	Heating Oil	24%	0.244
2	Propane	0.97	0.14	0.82	Propane	10%	0.079
3	Electricity	1.10	0.14	0.96	Electricity	67%	0.639
4					Total %	100%	
5					Weighted Savings \$/m <sup>3</sup>		0.962

Gas and alternative fuel prices are the average posted prices for the 12 month period ending December 2021  
 Prices in the tables above are before the added cost of Carbon.

**Carbon Prices** The cost of carbon is added to the price of each fuel excluding electricity.

	2023	2024	2025	2026	2027	2028	2029	2030
Cost per tonne	\$65	\$80	\$95	\$110	\$125	\$140	\$155	\$170
Cost per tonne	Future Yrs 2031 and beyond \$170							

**Calculation for Stage 2 Incremental Energy Demand**

Estimated Energy Demand with Pipeline Built  
 Equals Potential annual energy demand (for Stage 2 calculations)  
 Times Weighted Average Savings per M3 plus Cost of Carbon  
 Equals Annual Fuel Savings: Natural Gas Vs Alt Fuels

**Discount Rate for Net Present Values** 4.0%

**Length of Term for Fuel Savings**

Stage 2 estimated based on 20 years and 40 years

**Present Value of Customer Fuel Savings**

For conservatism, the NPV is assessed over 20 years with sensitivity at 40 years

Figures in \$ Millions	20 Years	40 Years
General Service Fuel Savings	214	335

NPV Fuel Savings Range from \$214 Mil over 20 yrs to \$335 Mil over 40 yrs

Panhandle Regional Expansion Project  
 Economic Benefits from Infrastructure Spending  
 Figures in \$ Millions

Line No	Description	Capex Spend Out of Country (a)	Capex Spend within Ontario (b)	Capex Spend within Canada Excluding Ontario (c)	Capex Total (d)= sum (a-c)	
1	Proposed Facilities	\$ 59	\$ 199	\$ 2	\$ 260	
2						
3	% of Total Spend	23%	76%	1%	100%	Line 1 /Total Line 1 Col (d)
4						
5	GDP					
6	GDP Factor		0.91	*		
7	GDP Impact \$ Millions		\$ 181			Line 1 * Line 6
8						
9	Employment (Jobs)					
10	Jobs Factor		4.7	*		
11	Jobs Created		934			Line 1 * Line 10
12						
13	Taxes Paid by Union Gas					
14	Property Tax		\$ 20			Source: NPV DCF
15	Provincial Income Tax		\$ 22			Source: NPV DCF
16	Total Provincial Taxes		\$ 42			
17	Federal Income Tax		\$ 17			Source: NPV DCF
18	Total Taxes Paid		<u>\$ 59</u>			
19						
20	Total Value to Ontario					
21	GDP Impact \$ Millions		\$ 181			Line 7
22	Total Provincial Taxes		\$ 42			Line 16
23	NPV Total Value to Ontario		<u>\$ 223</u>			

Notes:

\* The Economic Benefits of Public Infrastructure Spending in Ontario, Prepared for Ministry of Economic Development and Growth, Ministry of Finance, Ministry of Infrastructure. Prepared by The Centre For Spatial Economics, March 2017.

## ENVIRONMENTAL MATTERS

1. The purpose of this Exhibit is to provide an overview of the Environmental Report (“ER”) completed for the Project and to provide specific details on certain aspects of the ER.
  
2. This Exhibit is organized as follows:
  - A. ER Background
  - B. Species at Risk
  - C. Archaeology
  - D. Built Heritage Resources and Cultural Heritage Landscapes
  - E. Wetlands
  - F. Watercourses
  - G. Tree Removal
  - H. Social-Economic Features
  
- A. ER Background
3. Enbridge Gas retained AECOM Canada Limited (“AECOM”) to undertake a route evaluation and environmental and socio-economic impact study, which included a cumulative effects assessment, to select the preferred route for the Project. As part of development of the study, a consultation program was implemented to receive input from interested and potentially affected parties including Indigenous communities. Input gathered from the consultation program was evaluated and integrated into the study. Mitigation measures designed to minimize environmental and community impacts resulting from construction of the Project were also developed as part of the study.

4. The results of the study are documented in the ER included at Attachment 1 to this Exhibit. The ER conforms to the OEB's *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition, 2016* ("Guidelines").
5. The ER was forwarded to the Ontario Pipeline Coordination Committee ("OPCC") on April 29, 2022 for review. Copies of the ER were also sent to all affected municipalities, conservation authorities, landowners, Indigenous communities, and other local agencies.
6. A summary of the comments from members of the OPCC, Indigenous communities, and other interested parties with the Enbridge Gas responses can be found at Attachment 2 to this Exhibit.
7. To inform and solicit input from landowners, tenants, and the general public with respect to the Project, virtual public information sessions were held on the following dates:
  - November 17, 2021 – December 3, 2021
  - February 14, 2022 – February 28, 2022
8. The purpose of the virtual information sessions was to provide the general public an opportunity to: (i) view specifics of the Project; and (ii) ask questions and comment on the Project, the preferred routes, and the overall planning process. Notification of the information sessions were completed through newspapers, letters, social media, and radio.
9. The ER identifies environmentally preferred routes for the proposed pipelines. The ER also identifies various mitigation measures to minimize the impacts to the

environment resulting from the construction of the Project. Enbridge Gas will comply with all mitigation measures recommended in the ER, including the development of an Environmental Protection Plan (“EPP”) prior to construction which incorporates recommended mitigation measures contained within the ER and those recommended by permitting agencies. Mitigation measures will be communicated to the construction contractor prior to the commencement of construction of the Project and a qualified Environmental Inspector or suitable representative will be available to assist the Project Manager in seeing that mitigation measures identified in the EPP as well as any additional permitting requirements and/or conditions of approval are adhered to and that commitments made to the public, landowners, and agencies are honoured. The Environmental Inspector and Project Manager will also mitigate any unforeseen environmental circumstances that arise before, during, and after construction.

10. Enbridge Gas believes that by following its standard construction practices and adhering to the recommendations and mitigation identified in the ER/EPP, the construction and operation of the Project will have negligible impacts on the environment. The cumulative effects assessment completed as part of the ER indicates that no significant cumulative effects are anticipated from the development of the Project.

11. Some of the more pertinent aspects of the ER are explained in further detail below.

B. Species at Risk

12. A number of species at risk potentially inhabit lands in the vicinity of the Project. Enbridge Gas has and will continue to assess the pipeline routes for species at risk and will work closely with the Ministry of Environment, Conservation and Parks (“MECP”) and the Department of Fisheries and Oceans Canada (“DFO”) to develop

appropriate mitigation measures to protect species at risk and obtain all required permits and approvals.

C. Archaeology

13. An archaeological assessment will be completed by a licensed archaeological firm along the pipeline routes, as recommended in the ER. Enbridge Gas proposes to complete the archaeological assessment during the Spring, Summer, and Fall 2022 field season.

D. Built Heritage Resources and Cultural Heritage Landscapes

14. A Cultural Heritage Assessment Report: Existing Conditions and Preliminary Impact Assessment (“CHAR”) has been completed for the Project and can be found in Appendix F of the ER. The purpose of the CHAR was to determine existing conditions within the Study Area, present an inventory of municipally, provincially, and/or federally recognized Built Heritage Resources (“BHRs”) and Cultural Heritage Landscapes (“CHLs”), as well as to identify potential BHRs and CHLs within and adjacent to the Study Area. The CHAR concluded that there are no BHRs or CHLs anticipated to be directly (physically) impacted by the Project. The proposed Panhandle Loop may transect parcels of land that contain a potential BHR or CHL, however, the installation of the pipeline will not require the removal or relocation of any structures, commemorative markers, or monuments, since none were identified in the path of the preferred route. Given that the infrastructure will be underground, impacts to the agricultural lands are anticipated to be minimal. Enbridge Gas will adhere to the recommendations described in section 6.2 of the CHAR.

E. Wetlands

15. The Project routes do not cross wetlands; however, the Panhandle Loop travels in close proximity (approximately 15 m) to one wetland unit. The ER provides a number

of measures designed to reduce the impact of constructing the proposed pipeline in proximity to wetlands. Enbridge Gas will continue to assess the Project for potential environmentally sensitive areas, including wetlands, and will develop mitigation measures in consultation with the MECP and the Lower Thames Valley Conservation Authority as appropriate.

#### F. Watercourses

16. The Project crosses a number of watercourses. These crossings will be completed using a 'Dam and Pump' dry crossing method and trenchless methods (e.g., horizontal directional drilling, auger bore, and direct pipe methods). Crossing methods will be reviewed and finalized as additional field surveys are completed and site-specific data becomes available. All permits required to complete the crossings will be obtained from the DFO, MECP, Essex Region Conversation Authority, and Lower Thames Valley Conservation Authority prior to construction.

#### G. Tree Removal

17. Tree removal for the Project will be minimal, and will be limited to hedgerows, work areas in proximity to watercourses that will be crossed using the Dam & Pump method, and a small section of woodlot along the preferred route for the Leamington Interconnect. For trees removed within the proposed easement and temporary working space, Enbridge Gas has a tree replacement program. Under this Program trees cut from woodlots will be replaced at a 2:1 per area basis. Coniferous and deciduous seedlings native to Ontario are planted within the region of the Project and maintained for a period of up to five years or until the trees reach a free-to-grow status defined by a height of one metre and are free of adjacent brush competition. Replanting must be done in accordance with Enbridge Gas policies regarding tree planting so that the easement is left open for access to the pipeline and aerial patrol. Landowners will be given first right of refusal for tree planting.

H. Social-Economic Features

18. The Project is located almost exclusively on land designated as agricultural, and the Panhandle Loop crosses four Hydro One transmission lines, two railways, one provincial highway (Highway 401), and one Canadian Heritage River (Thames River). The Leamington Interconnect crosses two Hydro One transmission lines. Enbridge Gas has developed and will continue to develop appropriate mitigation measures to reduce potential negative impacts to these social-economic features.

## ENVIRONMENTAL REPORT

1. The ER for the Project can be found electronically by accessing the links below.  
Due to size, the ER will be filed with the OEB under separate cover.

<https://www.enbridgegas.com/Panhandle-Regional-Expansion-Project/Environmental-Report>

<https://www.enbridgegas.com/Panhandle-Regional-Expansion-Project/Environmental-Report/Appendix E>

<https://www.enbridgegas.com/Panhandle-Regional-Expansion-Project/Environmental-Report/Appendix F>

Ontario Pipeline Co-ordinating Committee (OPCC) Review Summary Table  
 Comments received between April 29 – June 10, 2022  
 60665521 – Panhandle Regional Expansion Project

**Summary of Comments Received and Project Team Responses on the Environmental Report for the Panhandle Regional Expansion Project**

Contact Name	Method and Date of Communication	Summary of Comments/Questions	Project Team Response
<b>Municipal/County</b>			
Mayor Richard Meloche Town of Essex <a href="mailto:rmeloche@essex.ca">rmeloche@essex.ca</a>  and  Doug Sweet Town of Essex <a href="mailto:dsweet@essex.ca">dsweet@essex.ca</a>  and  Nelson Silveira Town of Essex <a href="mailto:nsilveira@essex.ca">nsilveira@essex.ca</a>	Email on April 29, 2022	Mayor Meloche inquired about a pipeline expansion further into Essex County and in particular, towards the Town of Essex and when they could expect to see an expansion.	Mark Van der Woerd (AECOM) thanked Mayor Meloche for his correspondence and advised that his email has been provided to Enbridge Gas and someone will respond about future expansions in the Town of Essex area.
<b>Agencies</b>			
Stephanie Bergman Planner Ministry of Municipal Affairs and Housing (MMAH) <a href="mailto:Stephanie.Bergman@ontario.ca">Stephanie.Bergman@ontario.ca</a>	Email on June 3, 2022	Stephanie Bergman emailed Jordan Witt (AECOM) to confirm receipt of the Environmental Report (ER) and comment period and advised they will provide a response or comments if there are any provincial land use planning concerns.	Jordan Witt (AECOM) thanked Stephanie Bergman for confirming the receipt of the ER and about providing any necessary comments.  No comments have been received to date.
Katy Potter Supervisor Ministry of the Environment, Conservation and Parks (MECP) <a href="mailto:Katy.Potter@ontario.ca">Katy.Potter@ontario.ca</a>  and  Mark Badali Regional Environmental Planner MECP <a href="mailto:Mark.Badali1@ontario.ca">Mark.Badali1@ontario.ca</a>	Email on June 3, 2022	Katy Potter emailed Jordan Witt (AECOM) to confirm receipt of the ER and comment period and advised that the MECP does not anticipate providing comments at this time. Katy Potter also asked that Mark Badali (MECP) be the main contact for the project for any future communications.	Jordan Witt (AECOM) thanked Katy Potter for confirming receipt of the ER and advised that Mark Badali will be added to the project contact list and any further communication regarding the project will be sent to him.
Kourosh Manouchehri Engineering Technical Standards and Safety Authority (TSSA) <a href="mailto:kmanouchehri@tssa.org">kmanouchehri@tssa.org</a>	Phone call and email on June 6, 2022	Kourosh Manouchehri phoned Jordan Witt (AECOM) to inquire about the voicemail left on June 3 regarding the ER and comment period. Kourosh emailed Jordan after their discussion to advise that comments regarding the project were provided to an Enbridge Gas engineer.	Jordan Witt (AECOM) thanked Kourosh Manouchehri for the phone call and email regarding his comments on the project.  It should be noted that the comments provided by Kourosh Manouchehri are not included in this correspondence summary as they did not relate to the ER and instead, focused on TSSA's review of the project in parallel with a Leave-to-Construct (LTC) application submittal to the Ontario Energy Board (OEB).
Amanda Rodek Program Analyst Ministry of Transportation (MTO) <a href="mailto:amanda.rodek@ontario.ca">amanda.rodek@ontario.ca</a>	Email on June 7, 2022	Amanda Rodek emailed Mark Van der Woerd (AECOM) and provided MTO's comments on the ER, which noted some current construction work within the Study Area (Highway 401 expansion). It was mentioned that a constructor conflict between the projects is not anticipated. In addition, it was noted that there are no environmental concerns or comments at this time and that a permit would be required to cross their infrastructure.	Jordan Witt (AECOM) thanked Amanda Rodek for providing MTO's comments on the ER and advised that it is proposed that Highway 401 would be crossed via Horizontal Directional Drilling and that construction is planned to commence in 2023, thus no constructor or environmental conflicts to MTO projects/property is anticipated. Jordan Witt also advised that Enbridge Gas would work with MTO corridor management to fulfill any requirements needed for crossing MTO infrastructure.
Keith Johnston Team Lead, Environmental Planning	Phone call and email on June 7, 2022	Keith Johnston phoned Jordan Witt (AECOM) and sent a follow up email to confirm receipt of the ER and comment period. Keith Johnston	Jordan Witt (AECOM) thanked Keith Johnston for the phone call and email confirming receipt of the ER and advised they will await to see if any comments come in from NDMNRF.

Ontario Pipeline Co-ordinating Committee (OPCC) Review Summary Table  
 Comments received between April 29 – June 10, 2022  
 60665521 – Panhandle Regional Expansion Project

**Summary of Comments Received and Project Team Responses on the Environmental Report for the Panhandle Regional Expansion Project**

Contact Name	Method and Date of Communication	Summary of Comments/Questions	Project Team Response
Ministry of Northern Development, Mines, Natural Resources and Forestry (NDMNR) <a href="mailto:keith.johnston@ontario.ca">keith.johnston@ontario.ca</a>		advised that the ER was sent to a ministry colleague to review and should they have any comments/concerns, they will provide directly.	No comments have been received to date.



## **Attachments – Copies of Comments**





# Town of Essex



**Witt, Jordan**

---

**From:** Van der Woerd, Mark  
**Sent:** April 29, 2022 12:11 PM  
**To:** Meloche, Richard  
**Cc:** Sweet, Doug; Silveira, Nelson; Witt, Jordan  
**Subject:** RE: Expansion

Thank you for your response, Mayor Meloche. I have provided your email to Enbridge. I believe they will reach out today to respond to your question about any future expansion in your area.

Please let me know if any additional questions emerge about the Project.

Best,  
Mark

Mark van der Woerd | AECOM  
mark.vanderwoerd@aecom.com  
(289) 439-9803

-----Original Message-----

From: Meloche, Richard <rmeloche@essex.ca>  
Sent: April-29-22 11:43 AM  
To: Van der Woerd, Mark <Mark.VanderWoerd@aecom.com>  
Cc: Sweet, Doug <dsweet@essex.ca>; Silveira, Nelson <nsilveira@essex.ca>  
Subject: [EXTERNAL] Expansion

Hi Mark

Great to hear about this expansion.

But being a municipality further into the County of Essex, west of this expansion, local leaders are wondering when we will see expansion in this direction. The expansion doesn't need to be a 36" pipeline, but if we could have something cross down certain County Roads such as County Road 20 for the mid to Southwest corner of the County that would be enticing. Also expansion of gas lines in around Essex and Highway #3.

Have a great weekend  
Richard

Richard Meloche  
Mayor  
Town of Essex  
Mobile: 519-982-2776

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# Ministry of Municipal Affairs and Housing



**Witt, Jordan**

---

**From:** Witt, Jordan  
**Sent:** June 3, 2022 11:18 AM  
**To:** 'Bergman, Stephanie (MMAH)'  
**Cc:** 'Evan Tomek'; 'Doug Schmidt'; Van der Woerd, Mark; Washburn, Kristan; Pal, Sarah  
**Subject:** RE: Enbridge Gas Panhandle Regional Expansion Project - Environmental Report Reminder

Hi Stephanie,

Ok great. Thanks for the confirmation.

**Jordan Witt**, MES, EPt  
Environmental Planner, Impact Assessment & Permitting, Ontario  
M +1-519-897-3107  
[jordan.witt1@aecom.com](mailto:jordan.witt1@aecom.com)

[Click here to connect with me on LinkedIn](#)

**AECOM**  
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Kitchener, Ontario, N2P 0A4, Canada  
[aecom.com](http://aecom.com)

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---

**From:** Bergman, Stephanie (MMAH) <Stephanie.Bergman@ontario.ca>  
**Sent:** June 3, 2022 11:07 AM  
**To:** Witt, Jordan <Jordan.Witt1@aecom.com>  
**Subject:** [EXTERNAL] RE: Enbridge Gas Panhandle Regional Expansion Project - Environmental Report Reminder

Hi Jordan – I meant to add that we will provide a response if there are any provincial land use planning concerns or comments.

Thanks and have a great weekend.

**Stephanie L. Bergman, MA, MPlan**  
Planner  
Ministry of Municipal Affairs and Housing  
Cell: 519-670-6144

---

**From:** Witt, Jordan <[Jordan.Witt1@aecom.com](mailto:Jordan.Witt1@aecom.com)>  
**Sent:** June 3, 2022 11:05 AM  
**To:** Bergman, Stephanie (MMAH) <[Stephanie.Bergman@ontario.ca](mailto:Stephanie.Bergman@ontario.ca)>  
**Subject:** RE: Enbridge Gas Panhandle Regional Expansion Project - Environmental Report Reminder

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

Hi Stephanie,

Great, thank you for confirming.

Have a great weekend.

**Jordan Witt**, MES, EPt  
Environmental Planner, Impact Assessment & Permitting, Ontario  
M +1-519-897-3107  
[jordan.witt1@aecom.com](mailto:jordan.witt1@aecom.com)

[Click here to connect with me on LinkedIn](#)

**AECOM**  
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Kitchener, Ontario, N2P 0A4, Canada  
[aecom.com](http://aecom.com)

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**From:** Bergman, Stephanie (MMAH) <[Stephanie.Bergman@ontario.ca](mailto:Stephanie.Bergman@ontario.ca)>  
**Sent:** June 3, 2022 11:03 AM  
**To:** Witt, Jordan <[Jordan.Witt1@aecom.com](mailto:Jordan.Witt1@aecom.com)>  
**Subject:** [EXTERNAL] RE: Enbridge Gas Panhandle Regional Expansion Project - Environmental Report Reminder

Hi there – just acknowledging receipt of the notice below.

Thank you,

**Stephanie L. Bergman, MA, MPlan**  
Planner  
Municipal Services Office – West Region  
Ministry of Municipal Affairs and Housing  
Cell: 519-670-6144

---

**From:** Witt, Jordan <[Jordan.Witt1@aecom.com](mailto:Jordan.Witt1@aecom.com)>  
**Sent:** May 27, 2022 9:58 AM  
**Subject:** Enbridge Gas Panhandle Regional Expansion Project - Environmental Report Reminder

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

*Sent on behalf of Mark Van der Woerd:*

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing the Panhandle Regional Expansion Project (the project) to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- Panhandle Loop: Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- Leamington Interconnect: Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

If approved by the Ontario Energy Board (OEB), proposed construction for the Panhandle Loop is targeted for 2023 while the Leamington Interconnect is targeted for 2024.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER has been prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario* (2016). The ER, along with Appendices E and F (linked separately) can be viewed and downloaded via the Regulatory information tab on the Panhandle Regional Expansion Project webpage, at <https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion>

This is a reminder that we would appreciate your review of the ER and the provision of any comments by **Friday, June 10, 2022**. To submit comments, please contact:

Mark Van der Woerd  
Senior Environmental Planner  
AECOM  
Phone: 289-439-9803  
Email: [mark.vanderwoerd@aecom.com](mailto:mark.vanderwoerd@aecom.com)

Thank you for your time and consideration.

Sincerely,

**AECOM Canada Ltd.**



# Ministry of the Environment, Conservation and Parks



## Witt, Jordan

---

**From:** Witt, Jordan  
**Sent:** June 3, 2022 1:46 PM  
**To:** Potter, Katy (MECP)  
**Cc:** Badali, Mark (MECP)  
**Subject:** RE: Enbridge Gas Panhandle Regional Expansion Project - Environmental Report Reminder

Hi Katy,

Thank you for your email and confirmation of receipt. I appreciate you letting us know that you don't anticipate providing any comments at this time. I have added Mark to our contact list and any further communications regarding this project will be sent to him.

Thank you and have a great weekend as well!

**Jordan Witt**, MES, EPT  
Environmental Planner, Impact Assessment & Permitting, Ontario  
M +1-519-897-3107  
[jordan.witt1@aecom.com](mailto:jordan.witt1@aecom.com)

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[aecom.com](http://aecom.com)

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**From:** Potter, Katy (MECP) <Katy.Potter@ontario.ca>  
**Sent:** June 3, 2022 1:33 PM  
**To:** Witt, Jordan <Jordan.Witt1@aecom.com>  
**Cc:** Badali, Mark (MECP) <Mark.Badali1@ontario.ca>  
**Subject:** [EXTERNAL] RE: Enbridge Gas Panhandle Regional Expansion Project - Environmental Report Reminder

Hi Jordan,

I received your voicemail from this morning regarding the Panhandle Regional Expansion Project. I apologize in advance as I had incorrectly assumed that these emails were also going to our Regional Environmental Planners (REP), and as such did not forward it.

That said, I have reached out to the REP responsible for the Southwest Region of Ontario, Mark Badali to review and we can confirm that we don't anticipate providing comments at this time. For future communications on this file, can you please include Mark as MECP's main contact?

Thanks for your patience on this and have a great weekend,

*Katy Potter* (she/her)

Supervisor (A) | Project Review Unit | Environmental Assessments Branch

C : 416-804-2793



---

**From:** Witt, Jordan <[Jordan.Witt1@aecom.com](mailto:Jordan.Witt1@aecom.com)>

**Sent:** May 27, 2022 9:58 AM

**Subject:** Enbridge Gas Panhandle Regional Expansion Project - Environmental Report Reminder

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

*Sent on behalf of Mark Van der Woerd:*

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing the Panhandle Regional Expansion Project (the project) to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

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If approved by the Ontario Energy Board (OEB), proposed construction for the Panhandle Loop is targeted for 2023 while the Leamington Interconnect is targeted for 2024.

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This is a reminder that we would appreciate your review of the ER and the provision of any comments by **Friday, June 10, 2022**. To submit comments, please contact:

Mark Van der Woerd  
Senior Environmental Planner  
AECOM

Phone: 289-439-9803

Email: [mark.vanderwoerd@aecom.com](mailto:mark.vanderwoerd@aecom.com)

Thank you for your time and consideration.

Sincerely,

**AECOM Canada Ltd.**



# Technical Standards and Safety Authority



## Witt, Jordan

---

**From:** Witt, Jordan  
**Sent:** June 7, 2022 6:20 AM  
**To:** Kourosh Manouchehri  
**Subject:** RE: Enbridge Gas Panhandle Regional Expansion Project - Environmental Report Reminder

Hi Kourosh,

Thanks for the phone call yesterday and for the information below. I will touch base with Enbridge and gather your comments regarding the project from them.

Thanks again!

**Jordan Witt**, MES, EPT  
Environmental Planner, Impact Assessment & Permitting, Ontario  
M +1-519-897-3107  
[jordan.witt1@aecom.com](mailto:jordan.witt1@aecom.com)

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---

**From:** Kourosh Manouchehri <KManouchehri@tssa.org>  
**Sent:** June 6, 2022 3:15 PM  
**To:** Witt, Jordan <Jordan.Witt1@aecom.com>  
**Subject:** [EXTERNAL] RE: Enbridge Gas Panhandle Regional Expansion Project - Environmental Report Reminder

Hi Jordan,

Enbridge gas submitted the application for review of this project. The Work Order # is 8096252 and the engineer I dealt with in Enbridge is Mr. Oday Ahmed. I sent my comments to him.

Telephone No.: 519-436-4600 ext. 5003440

Email: [oday.ahmed@enbridge.com](mailto:oday.ahmed@enbridge.com)

Print Name of Contact Person: Oday Ahmed

Regards,



**Kourosch Manouchehri, P.Eng., PMP | Engineer, Fuels**  
Engineering  
345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: +1 416-734-3539 | Fax: +1 416-231-7525 | E-Mail: [kmanouchehri@tssa.org](mailto:kmanouchehri@tssa.org)  
[www.tssa.org](http://www.tssa.org)



**Winner of 2022 5-Star Safety Cultures Award**

**From:** Witt, Jordan <[Jordan.Witt1@aecom.com](mailto:Jordan.Witt1@aecom.com)>

**Sent:** May 27, 2022 9:58 AM

**Subject:** Enbridge Gas Panhandle Regional Expansion Project - Environmental Report Reminder

**[CAUTION]:** This email originated outside the organisation.  
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This is a reminder that we would appreciate your review of the ER and the provision of any comments by **Friday, June 10, 2022**. To submit comments, please contact:

Mark Van der Woerd

Senior Environmental Planner  
AECOM  
Phone: 289-439-9803  
Email: [mark.vanderwoerd@aecom.com](mailto:mark.vanderwoerd@aecom.com)

Thank you for your time and consideration.

Sincerely,

**AECOM Canada Ltd.**

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# Ministry of Transportation



## Witt, Jordan

---

**From:** Witt, Jordan  
**Sent:** June 8, 2022 12:59 PM  
**To:** Rodek, Amanda (MTO); Van der Woerd, Mark  
**Subject:** RE: Enbridge Gas Panhandle Regional Expansion Project - Environmental Report

Hello Amanda,

Thank you for providing comments on behalf of the MTO in regards to the Environmental Report for the Enbridge Gas Panhandle Regional Expansion Project. At this time, it is proposed that Highway 401 will be crossed via Horizontal Directional Drilling and construction is planned to commence in 2023. Due to these reasons, we would agree that we do not anticipate any constructor or environmental conflicts to MTO projects/property. In addition, Enbridge Gas will work with MTO corridor management to fulfill any requirements needed for crossing MTO infrastructure.

Thank you again and have a great day.

**Jordan Witt**, MES, EPT  
Environmental Planner, Impact Assessment & Permitting, Ontario  
M +1-519-897-3107  
[jordan.witt1@aecom.com](mailto:jordan.witt1@aecom.com)

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---

**From:** Rodek, Amanda (MTO) <Amanda.Rodek@ontario.ca>  
**Sent:** June 7, 2022 9:46 AM  
**To:** Van der Woerd, Mark <Mark.VanderWoerd@aecom.com>  
**Cc:** Witt, Jordan <Jordan.Witt1@aecom.com>  
**Subject:** [EXTERNAL] RE: Enbridge Gas Panhandle Regional Expansion Project - Environmental Report

Hi Mark,

Enbridge's, April 29, 2022 email to Tony Di Fabio regarding the Enbridge Gas Panhandle Regional Expansion Project - Environmental Report, has been forwarded to my attention for review and response.

Please find the following comments from the Ministry of Transportation for your consideration regarding the proposed project:

- **Environmental:**

- *Environmental has no concerns or comments if the plan remains to completely drill. Should anything change, environmental should be re-engaged to review the revised plan(s) and determine any archaeology/SAR/fisheries/excess earth requirements.*

- **Construction:**

- *With the crossing proposed within the limits of the current 401 expansion contract, our concern from construction would be to avoid any constructor conflicts.*
- *Completion of the expansion project is anticipated to occur by Dec 2022*
- *there is a need to conduct surveying on site prior to Dec 2022, please have the utility company coordinate any work with the contractor.*
  - *Coco Paving Contact: Gianmarco Giglio – (519) 727-3515*
- Based on this timeline, there should not be a constructor conflict, Enbridge proposes to construct in 2023. Enbridge has been made aware of the ongoing project.

- **Corridor:**

- Jeremiah Johnston, the Corridor Management Officer - Utilities in West Region has been working with Enbridge and the applicable MTO functional offices on this project.
- Enbridge is aware that a permit is required for the crossing.

Have a great day!

Thanks.

Amanda Rodek  
Program Analyst  
Ministry of Transportation  
Corridor Management Office  
301 St. Paul Street  
St. Catharines, ON L2R 7R4  
Tel. (905) 704-2916

---

**From:** Witt, Jordan <[Jordan.Witt1@aecom.com](mailto:Jordan.Witt1@aecom.com)>

**Sent:** April 29, 2022 9:51 AM

**Subject:** Enbridge Gas Panhandle Regional Expansion Project - Environmental Report

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

*Sent on behalf of Mark Van der Woerd:*

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing the Panhandle Regional Expansion Project (the project) to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

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We would appreciate your review of the ER and the provision of any comments by Friday, June 10, 2022. To submit comments, please contact:

Mark Van der Woerd  
Senior Environmental Planner  
AECOM  
Phone: 289-439-9803  
Email: [mark.vanderwoerd@aecom.com](mailto:mark.vanderwoerd@aecom.com)

Thank you for your time and consideration.

Sincerely,

**AECOM Canada Ltd.**



# **Ministry of Northern Development, Mines, Natural Resources and Forestry**



## Witt, Jordan

---

**From:** Witt, Jordan  
**Sent:** June 7, 2022 3:27 PM  
**To:** Johnston, Keith (NDMNRF)  
**Subject:** RE: Enbridge Gas Panhandle Regional Expansion Project - Environmental Report

Hi Keith,

Appreciate the call and email this afternoon confirming receipt of the Environmental Report for the Enbridge Panhandle Regional Expansion Project. We will await any comments that may come in from your group.

Have a great evening!

**Jordan Witt**, MES, EPT  
Environmental Planner, Impact Assessment & Permitting, Ontario  
M +1-519-897-3107  
[jordan.witt1@aecom.com](mailto:jordan.witt1@aecom.com)

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[aecom.com](http://aecom.com)

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---

**From:** Johnston, Keith (NDMNRF) <Keith.Johnston@ontario.ca>  
**Sent:** June 7, 2022 2:42 PM  
**To:** Witt, Jordan <Jordan.Witt1@aecom.com>  
**Subject:** [EXTERNAL] RE: Enbridge Gas Panhandle Regional Expansion Project - Environmental Report

Hi Jordan,

Thank you for the quick call, again apologies for the oversight on my part for not sending an email acknowledging receipt of your email. Your request was sent on May 6, 2022 to ministry colleagues for review and if they have any comments/concerns they will notify you directly.

Regards,

Keith Johnston [He/Him/His]  
A/Team Lead, Environmental Planning

---

**From:** Witt, Jordan <[Jordan.Witt1@aecom.com](mailto:Jordan.Witt1@aecom.com)>  
**Sent:** April 29, 2022 9:51 AM  
**Subject:** Enbridge Gas Panhandle Regional Expansion Project - Environmental Report

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

*Sent on behalf of Mark Van der Woerd:*

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Thank you for your time and consideration.

Sincerely,

**AECOM Canada Ltd.**

## LAND MATTERS

1. The purpose of this Exhibit is to provide an overview of land rights required for the Project, the Enbridge Gas forms of easement and of temporary land use and the status of outreach and negotiations with affected landowners.
  
2. This Exhibit is organized as follows:
  - A. Land Rights for the Project
  - B. Landowner Agreements
  - C. Landowner Relations
  - D. Construction Monitoring and Follow-up
  - E. Authorizations and Permits Required
  
- A. Land Rights for the Project
  
3. Drawings showing the location of the preferred route for the Project are provided at Attachment 1 to this Exhibit.
  
4. The proposed pipelines total approximately 31 km in length and require an approximate 23m easement width. In total, approximately 59.5 hectares (147 acres) of permanent easement will be required for the Project. Enbridge Gas will also require approximately 83 hectares (205 acres) of temporary easement for construction and topsoil storage purposes. Enbridge Gas will begin to execute the necessary land rights agreements, discussed below, with impacted landowners in the third quarter of 2022.
  
5. Attachment 2 to this Exhibit sets out the redacted list of landowners that are directly affected (construction activities occurring on their lands) by the Project work.

Enbridge Gas will provide notice of this application to all landowners listed in Attachment 2.

6. Enbridge Gas has initiated meetings with the landowners from whom either permanent or temporary land rights are required and will continue to meet with them to obtain options to acquire all the necessary land rights.

**B. Landowner Agreements**

7. Enbridge Gas's form of Pipeline Easement is included as Attachment 3 to this Exhibit. This agreement is the same as the one approved by the OEB for use in the Company's Greenstone Pipeline Project (EB-2021-0205). This agreement covers the installation, operation, and maintenance of the proposed pipeline. The major restrictions imposed on the landowner by the agreement are that the landowner cannot erect buildings or privacy fencing on the easement. In addition, the landowner cannot excavate on the easement or install field tile without prior notification to Enbridge Gas. The landowner is free to farm the easement or turn the easement into a laneway.
8. Enbridge Gas's form of Temporary Land Use agreement is included as Attachment 4 to this Exhibit. This agreement is the same as the one approved by the OEB for use in the Company's Greenstone Pipeline Project (EB-2021-0205). This agreement is typically executed for a term of two years, beginning in the year of construction, allowing Enbridge Gas to return in the year following construction to perform restoration work as required.

**C. Landowner Relations**

9. Enbridge Gas is implementing a comprehensive program to provide landowners, tenants, and other interested parties with information regarding the Project.

Information was previously distributed through correspondence and meetings with the public. Where formal public meetings were held, in conjunction with the ER (as discussed in Exhibit F, Tab 1, Schedule 1), directly affected landowners and agencies were invited by letter, and the general public was invited to participate through social media, newspaper advertisements and radio.

10. Enbridge Gas is in the process of obtaining early access from landowners to conduct preliminary surveys. Preliminary discussions have not identified any strong objection to the Project. Enbridge Gas will have all land rights in place prior to construction.

D. Construction Monitoring and Follow-up

11. Enbridge Gas has a comprehensive and proven landowner relations program in place. Key elements of this program include complaint tracking and assignment of a land agent to: (i) ensure that commitments made to landowners are fulfilled; (ii) address landowner questions/concerns as promptly as reasonably possible; and (iii) act as liaison between landowners, the pipeline contractor, and Enbridge Gas project personnel.

12. When Project restoration is completed, landowners will be asked by Enbridge Gas to sign an acknowledgement form if satisfied with the restoration. This form, when signed, releases the pipeline contractor allowing payment for clean-up on the property. This form in no way releases Enbridge Gas from its obligation for tile repairs, compensation for damages and/or further clean-up as required due to erosion or subsidence directly related to pipeline construction.

E. Authorizations and Permits Required

13. Enbridge Gas' preliminary work on the Project has identified the potential required authorizations outlined in Table 1 below.

Table 1: Potential Permits/Authorizations for the Project

<u>AUTHORITY</u>	<u>PURPOSE</u>
<b>Provincial</b>	
Ontario Energy Board	Pursuant to section 90(1) of the Act, an Order granting leave to construct the Project.  Pursuant to section 97 of the Act, an Order approving the form of pipeline easement agreement found at Exhibit G, Tab 1, Schedule 1, Attachment 3, and the form of temporary land use agreement found at Exhibit G, Tab 1, Schedule 1, Attachment 4
Ministry of Transportation	Encroachment permit to cross Hwy 401
Ministry of Heritage, Sport, Tourism and Culture Industries	Archaeological clearance under the <i>Ontario Heritage Act</i> (OHA)
Ministry of Environment, Conservation and Parks	Permitting or registration under the <i>Endangered Species Act</i> (ESA) (2007)  Permit to Take Water (PTTW) or Environmental Activity and Sector Registry (EASR) (surface and groundwater) under the <i>Ontario Water Resources Act</i> (1990)
Ministry of Energy	Provision of a letter confirming the procedural aspects of consultation with potentially impacted Indigenous communities undertaken by Enbridge Gas for the Project is satisfactory

<b>Municipal</b>	
County of Essex	Municipal Consent of proposed alignment, including road occupancy permits for crossings and access off municipal roads
Municipality of Chatham-Kent	
Municipality of Lakeshore	
Lambton County	
Municipality of Leamington	
Town of Kingsville	
<b>Other</b>	
Canadian Pacific Railway	Crossing Agreement to cross under railway corridor
Via Rail Canada Inc.	Crossing Agreement to cross under railway corridor
Landowner agreements for easements, temporary working space and/or storage sites	Obtain required Easement agreements Obtain required TLU Agreements
Lower Thames Valley Conservation Authority	Development Permits under Ontario Regulation 152/06 (Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses), as per the <i>Conservation Authorities Act (1990)</i>
Essex Region Conservation Authority	Development Permits under Ontario Regulation 158/06 (Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses), as per the <i>Conservation Authorities Act (1990)</i>
Department of Fisheries and Oceans	Review and authorization under the <i>Fisheries Act (1985)</i>  Permitting under the <i>Species at Risk Act (2002)</i>

14. Other authorizations, notifications, permits and/or approvals may be required in addition to those identified above.

15. Enbridge Gas will obtain all required permits, easements, and temporary land use agreements if and as required for the route and location of the proposed facilities prior to the commencement of construction.

LEGEND

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT ---
- EXISTING DRAIN/STREAM/WATERCOURSE ---

20mX100m TLU  
0.49 ac

50mX50m TLU  
0.62 ac

PROPOSED TIE-IN STATION  
50mX50m  
0.62 ac

20mX100m TLU  
0.49 ac

20mX100m TLU  
0.49 ac

LAKESHORE ROAD 225

MATCH LINE  
A-A

PIN 750220248

PIN 750220138

PIN 750220219

PIN 751540155

PIN 751540077

PIN 751540079

PIN 751540078

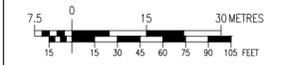
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PIN 751540069

PIN 751540156

PIN 751540068



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
A	2022-05-23	AYW	IM	ISSUE FOR REVIEW

REVISIONS

ENGINEER:

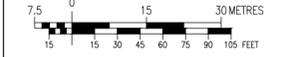
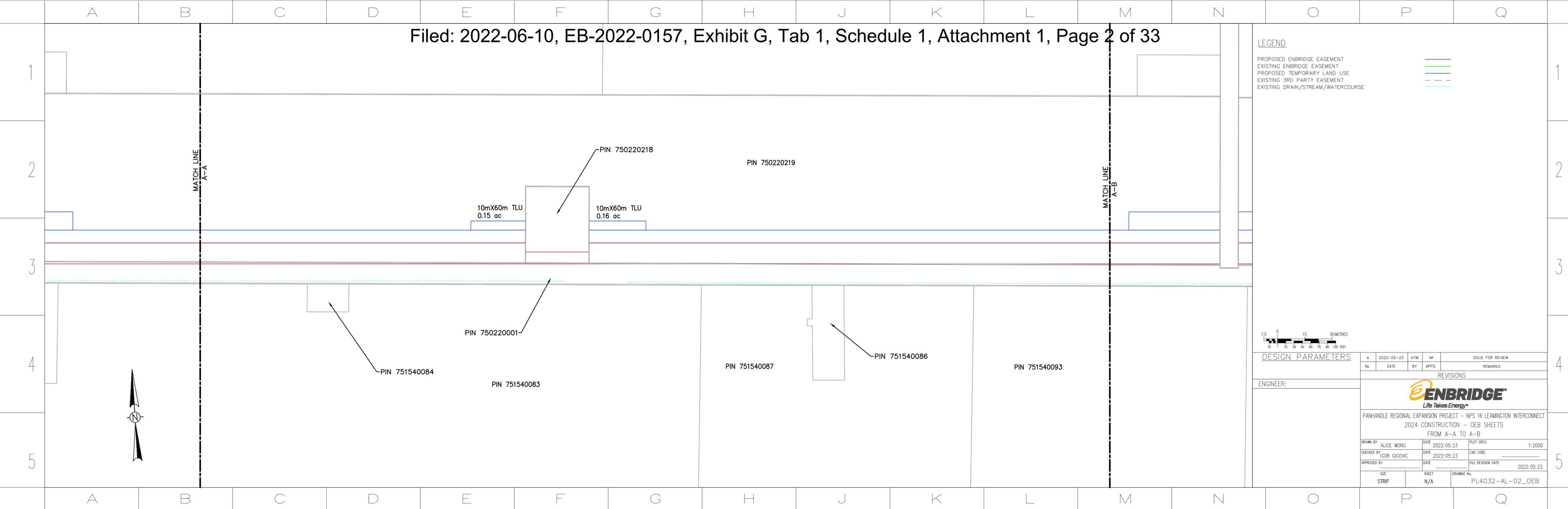


PANHANDLE REGIONAL EXPANSION PROJECT - NPS 16 LEAMINGTON INTERCONNECT  
2024 CONSTRUCTION - OEB SHEETS  
FROM START TO A-A

DRAWN BY	ALICE WONG	DATE	2022:05:23	PLOT SPEC:	1:2000
CHECKED BY	IGOR GIGOVIC	DATE	2022:05:23	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022:05:23
SIZE STRIP	SHEET N/A	DRAWING No.	PL4032-AL-01_OEB		

LEGEND

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - · - · -



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
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REVISIONS

ENGINEER:

A	2022-05-23	AYW	IM	ISSUE FOR REVIEW
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No.	DATE	BY	APP'D	REMARKS
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REVISIONS

ENGINEER:



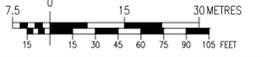
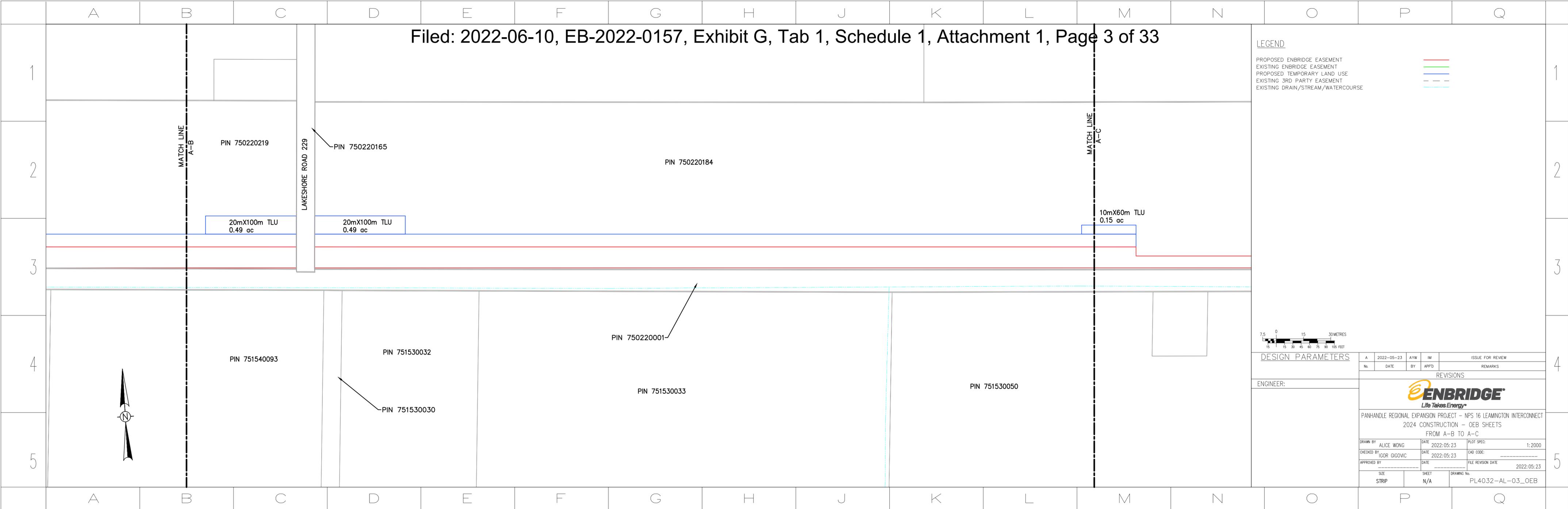
PANHANDLE REGIONAL EXPANSION PROJECT - NPS 16 LEAMINGTON INTERCONNECT  
2024 CONSTRUCTION - OEB SHEETS  
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DRAWN BY	ALICE WONG	DATE	2022:05:23	PLOT SPEC:	1:2000
CHECKED BY	IGOR GIGOVIC	DATE	2022:05:23	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022:05:23

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4032-AL-02_OEB
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LEGEND

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- EXISTING ENBRIDGE EASEMENT —
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- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - · - · -



DESIGN PARAMETERS

A	2022-05-23	AYW	IM	ISSUE FOR REVIEW
No.	DATE	BY	APP'D	REMARKS

REVISIONS

ENGINEER:



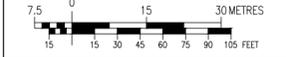
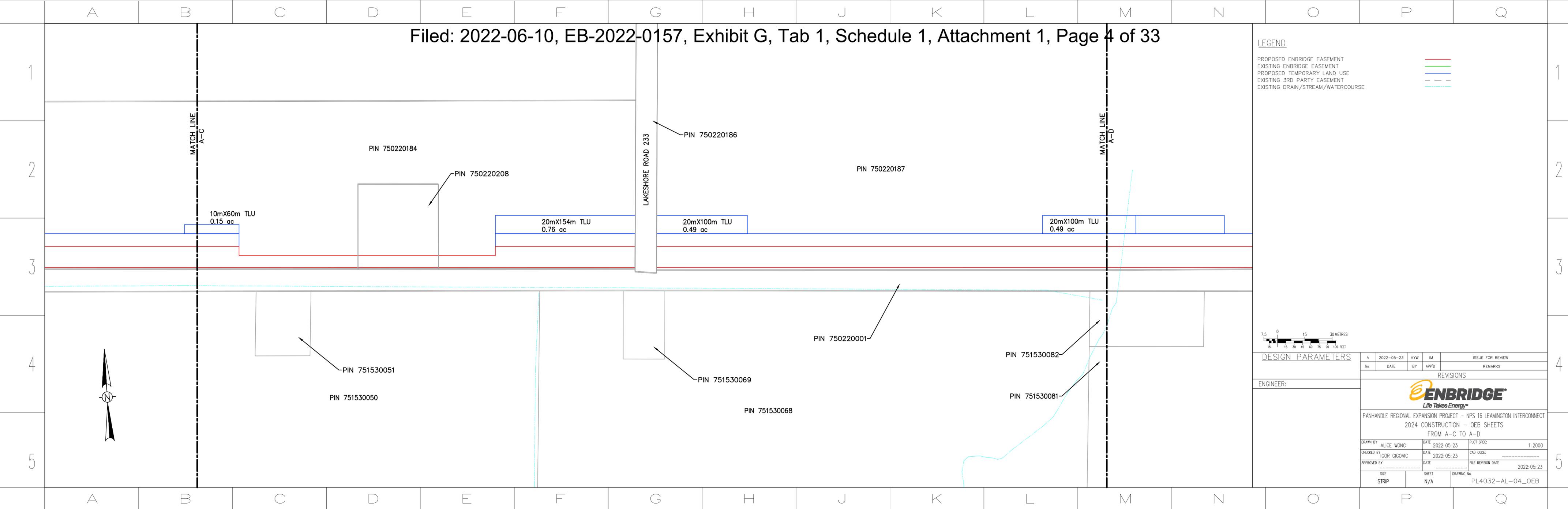
PANHANDLE REGIONAL EXPANSION PROJECT - NPS 16 LEAMINGTON INTERCONNECT  
2024 CONSTRUCTION - OEB SHEETS  
FROM A-B TO A-C

DRAWN BY	ALICE WONG	DATE	2022:05:23	PLOT SPEC:	1:2000
CHECKED BY	IGOR GIGOVIC	DATE	2022:05:23	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022:05:23

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4032-AL-03_OEB
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LEGEND

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - · - · -



DESIGN PARAMETERS

A	2022-05-23	AYW	IM	ISSUE FOR REVIEW
No.	DATE	BY	APP'D	REMARKS

REVISIONS

ENGINEER:

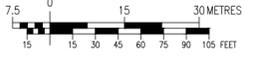
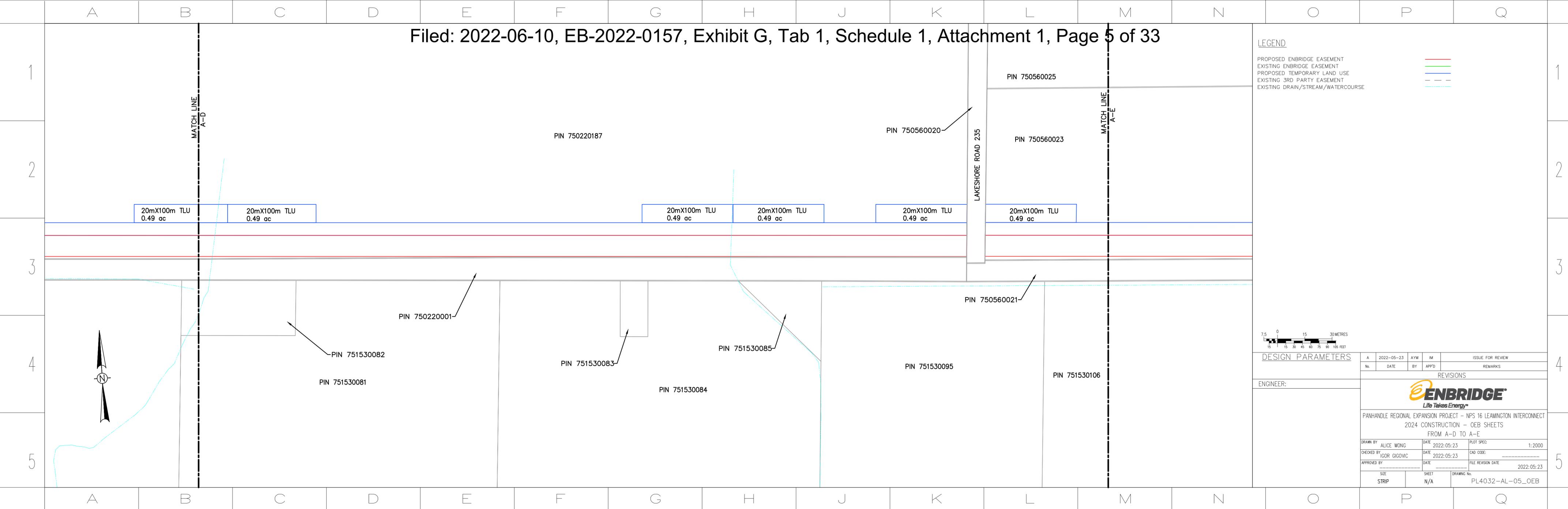


PANHANDLE REGIONAL EXPANSION PROJECT - NPS 16 LEAMINGTON INTERCONNECT  
2024 CONSTRUCTION - OEB SHEETS  
FROM A-C TO A-D

DRAWN BY	ALICE WONG	DATE	2022:05:23	PLOT SPEC:	1:2000
CHECKED BY	IGOR GIGOVIC	DATE	2022:05:23	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022:05:23
SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4032-AL-04_OEB

LEGEND

PROPOSED ENBRIDGE EASEMENT	
EXISTING ENBRIDGE EASEMENT	
PROPOSED TEMPORARY LAND USE	
EXISTING 3RD PARTY EASEMENT	
EXISTING DRAIN/STREAM/WATERCOURSE	



7.5 0 15 30 METRES  
15 30 45 60 75 90 105 FEET

DESIGN PARAMETERS				
No.	DATE	BY	APP'D	REMARKS
A	2022-05-23	AYW	IM	ISSUE FOR REVIEW

REVISIONS				
No.	DATE	BY	APP'D	REMARKS

ENGINEER:



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 16 LEAMINGTON INTERCONNECT  
2024 CONSTRUCTION - OEB SHEETS  
FROM A-D TO A-E

DRAWN BY: ALICE WONG	DATE: 2022:05:23	PLOT SPEC: 1:2000
CHECKED BY: IGOR GIGOVIC	DATE: 2022:05:23	CAD CODE: _____
APPROVED BY: _____	DATE: _____	FILE REVISION DATE: 2022:05:23
SIZE: STRIP	SHEET: N/A	DRAWING No: PL4032-AL-05_OEB

LEGEND

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - · - · -

MATCH LINE  
A-E

MATCH LINE  
A-F

PIN 750560023

PIN 750560024

PIN 750560021

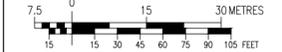
PIN 751530106

PIN 751530108

PIN 751530107

PIN 751530129

PIN 751530130



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
A	2022-05-23	AYW	IM	ISSUE FOR REVIEW

REVISIONS

ENGINEER:



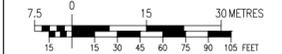
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2024 CONSTRUCTION - OEB SHEETS  
FROM A-E TO A-F

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CHECKED BY	IGOR GIGOVIC	DATE	2022:05:23	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022:05:23

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4032-AL-06_OEB
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LEGEND

PROPOSED ENBRIDGE EASEMENT  
 EXISTING ENBRIDGE EASEMENT  
 PROPOSED TEMPORARY LAND USE  
 EXISTING 3RD PARTY EASEMENT  
 EXISTING DRAIN/STREAM/WATERCOURSE



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
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ENGINEER:

A	2022-05-23	AYW	IM	ISSUE FOR REVIEW
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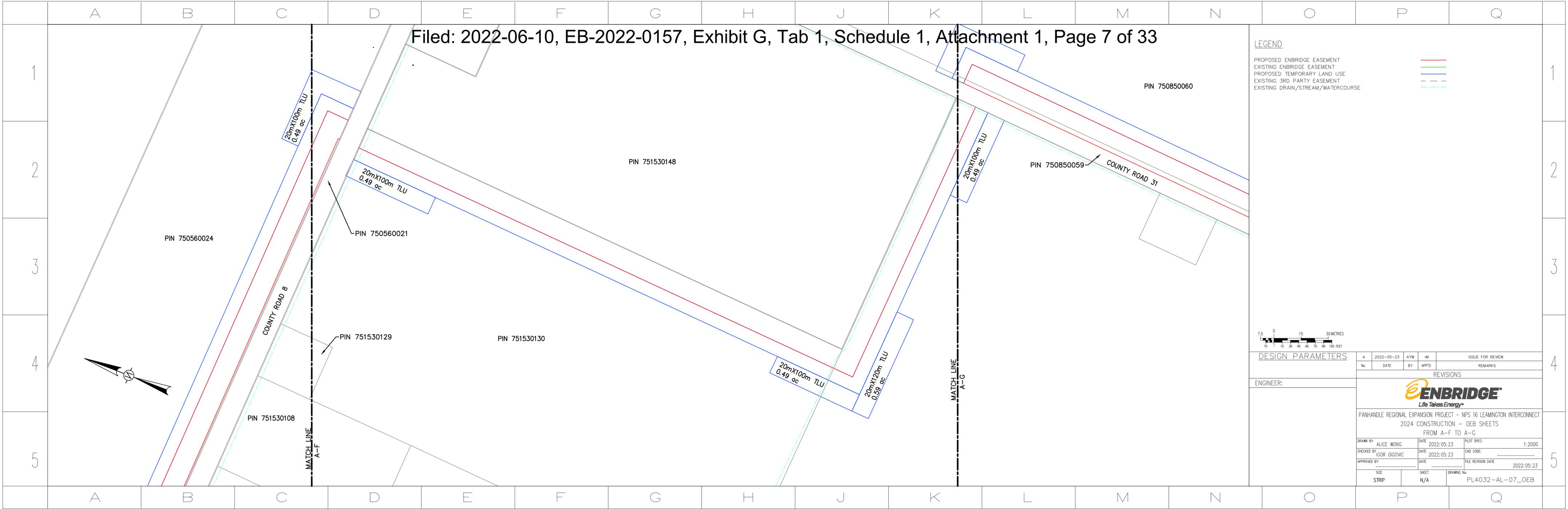
REVISIONS				
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PANHANDLE REGIONAL EXPANSION PROJECT - NPS 16 LEAMINGTON INTERCONNECT  
 2024 CONSTRUCTION - OEB SHEETS  
 FROM A-F TO A-G

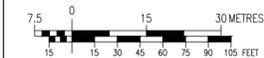
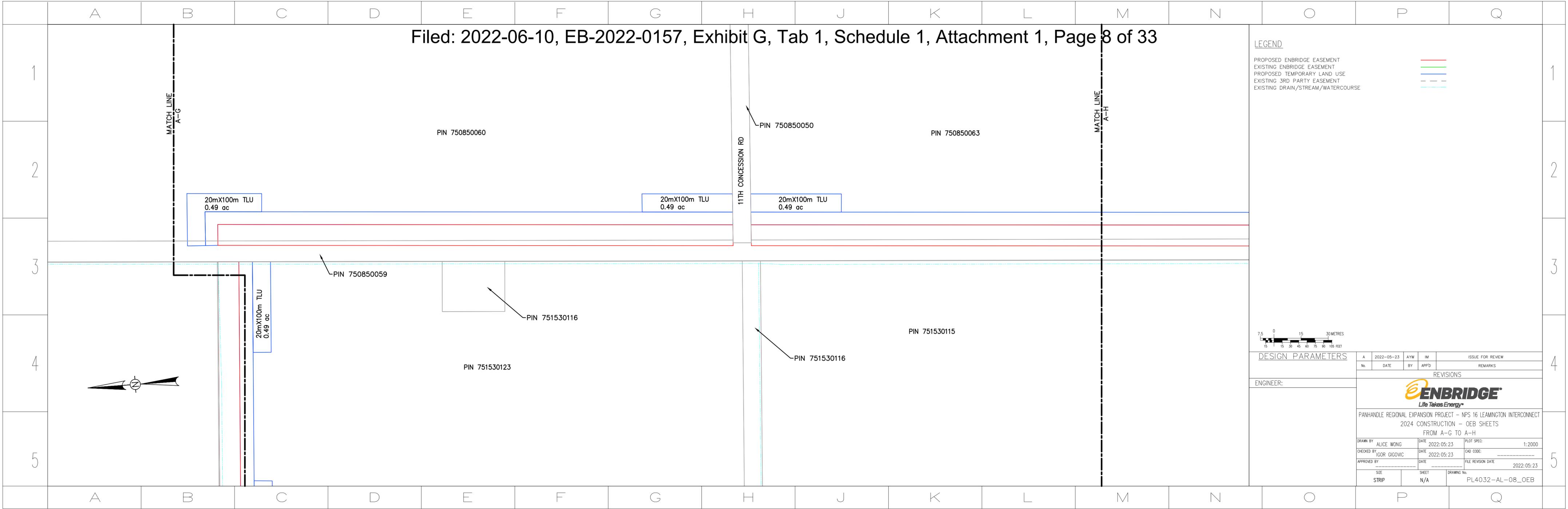
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APPROVED BY		DATE		FILE REVISION DATE	2022:05:23

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4032-AL-07_OEB
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LEGEND

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - · - · -



DESIGN PARAMETERS

A	2022-05-23	AYW	IM	ISSUE FOR REVIEW
No.	DATE	BY	APP'D	REMARKS

REVISIONS

ENGINEER:



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 16 LEAMINGTON INTERCONNECT  
2024 CONSTRUCTION - OEB SHEETS  
FROM A-G TO A-H

DRAWN BY	ALICE WONG	DATE	2022:05:23	PLOT SPEC:	1:2000
CHECKED BY	IGOR GIGOVIC	DATE	2022:05:23	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022:05:23

SIZE	SHEET	DRAWING No.
STRIP	N/A	PL4032-AL-08_OEB

LEGEND

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT —
- EXISTING DRAIN/STREAM/WATERCOURSE - - -

MATCH LINE  
A-H

MATCH LINE  
A-I



PIN 750850063

PIN 750850066

PIN 750850068

PIN 750850065

PIN 750850067

10mX60m TLU  
0.15 ac

10mX60m TLU  
0.15 ac

10mX60m TLU  
0.15 ac

10mX60m TLU  
0.15 ac

PIN 750850059

PIN 751530127

PIN 751530142

PIN 751530141

PIN 751530115

PIN 751530131

PIN 751530132

DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
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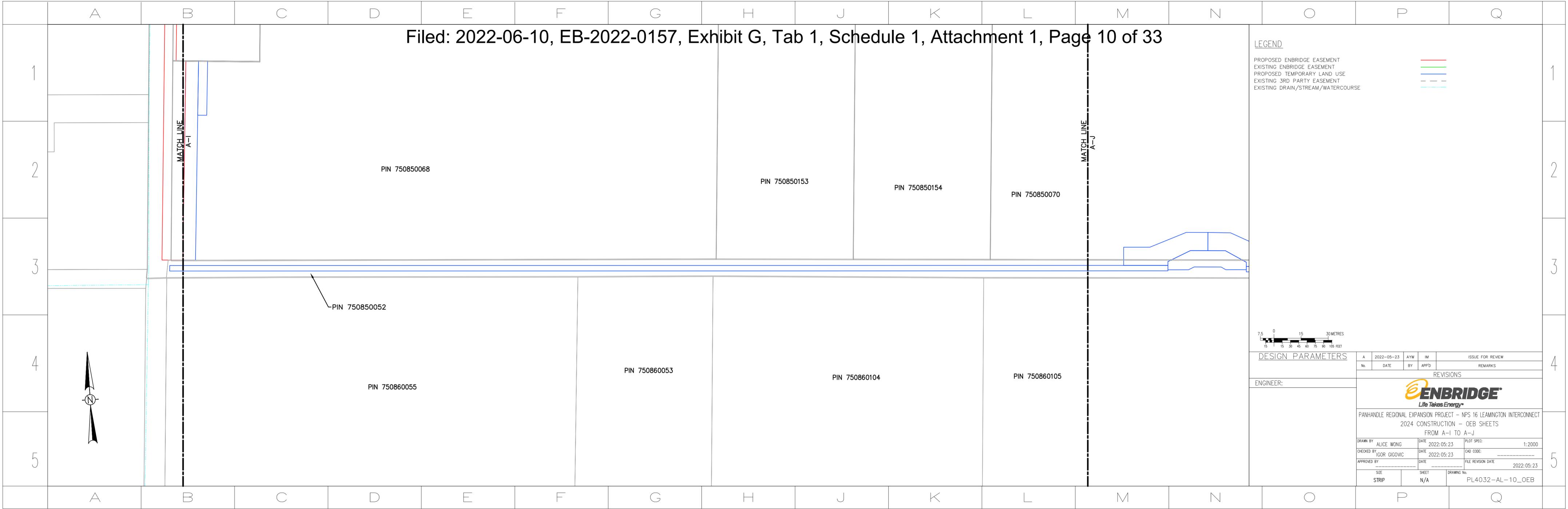
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REVISIONS



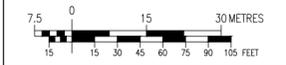
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2024 CONSTRUCTION - OEB SHEETS  
FROM A-H TO A-I

DRAWN BY	ALICE WONG	DATE	2022:05:23	PLOT SPEC:	1:2000
CHECKED BY	IGOR GIGOVIC	DATE	2022:05:23	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022:05:23
SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4032-AL-09_OEB



**LEGEND**

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - - -



**DESIGN PARAMETERS**

A	2022-05-23	AYW	IM	ISSUE FOR REVIEW
No.	DATE	BY	APP'D	REMARKS

**REVISIONS**

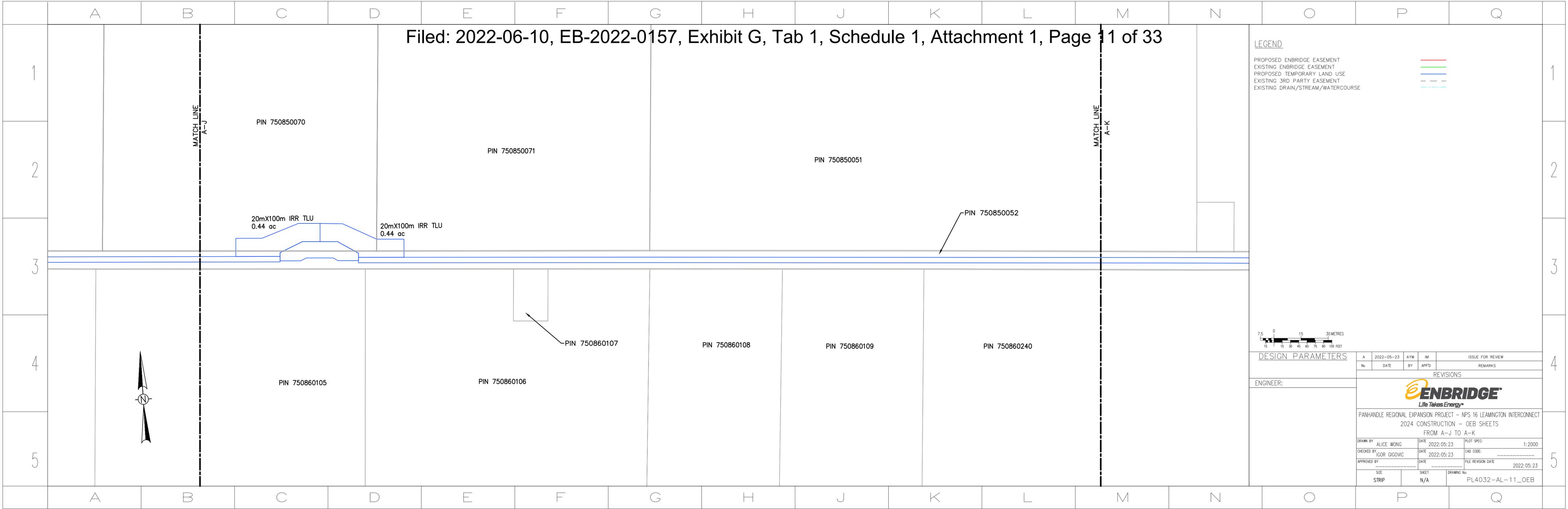
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PANHANDLE REGIONAL EXPANSION PROJECT - NPS 16 LEAMINGTON INTERCONNECT  
2024 CONSTRUCTION - OEB SHEETS  
FROM A-I TO A-J

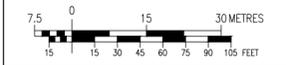
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CHECKED BY	IGOR GIGOVIC	DATE	2022:05:23	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022:05:23

SIZE	SHEET	DRAWING No.
STRIP	N/A	PL4032-AL-10_OEB



**LEGEND**

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - - -



**DESIGN PARAMETERS**

A	2022-05-23	AYW	IM	ISSUE FOR REVIEW
No.	DATE	BY	APP'D	REMARKS

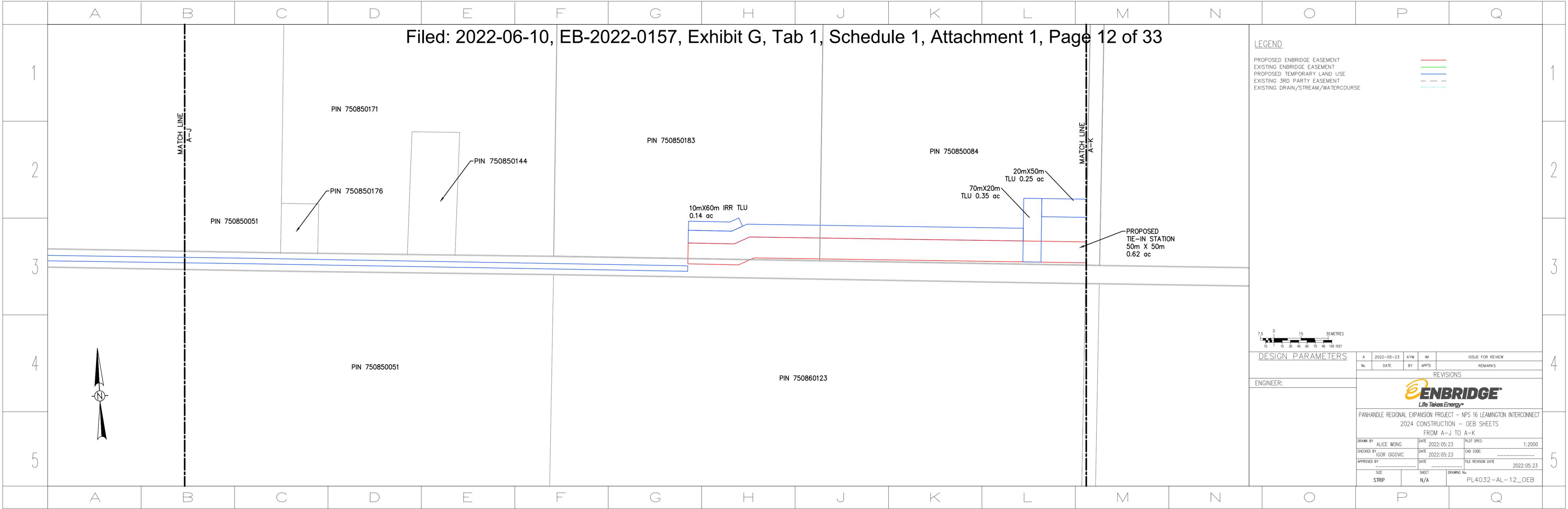
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**REVISIONS**



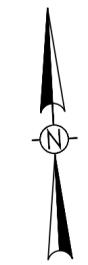
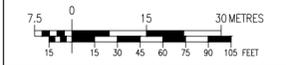
PANHANDLE REGIONAL EXPANSION PROJECT - NPS 16 LEAMINGTON INTERCONNECT  
 2024 CONSTRUCTION - OEB SHEETS  
 FROM A-J TO A-K

DRAWN BY	ALICE WONG	DATE	2022:05:23	PLOT SPEC:	1:2000
CHECKED BY	IGOR GIGOVIC	DATE	2022:05:23	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022:05:23
SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4032-AL-11_OEB



**LEGEND**

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - - -



**DESIGN PARAMETERS**

A	2022-05-23	AYW	IM	ISSUE FOR REVIEW
No.	DATE	BY	APP'D	REMARKS

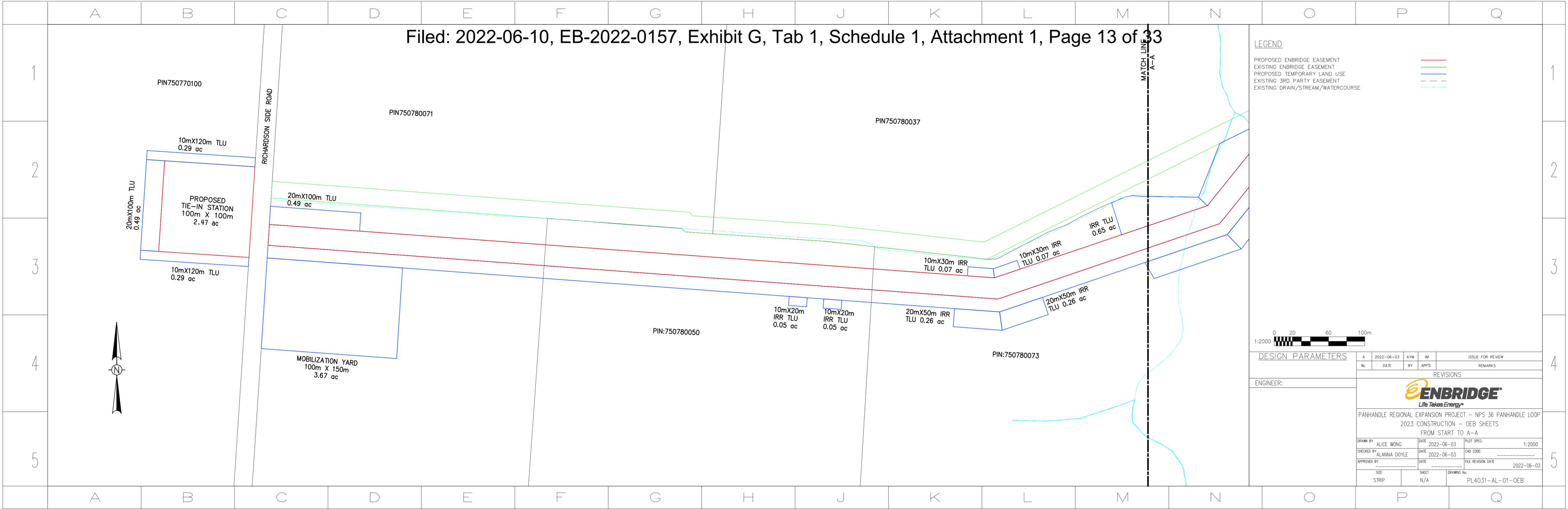
**REVISIONS**

ENGINEER:



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 16 LEAMINGTON INTERCONNECT  
2024 CONSTRUCTION - OEB SHEETS  
FROM A-J TO A-K

DRAWN BY	ALICE WONG	DATE	2022:05:23	PLOT SPEC:	1:2000
CHECKED BY	IGOR GIGOVIC	DATE	2022:05:23	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022:05:23
SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4032-AL-12_OEB



LEGEND

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE —



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
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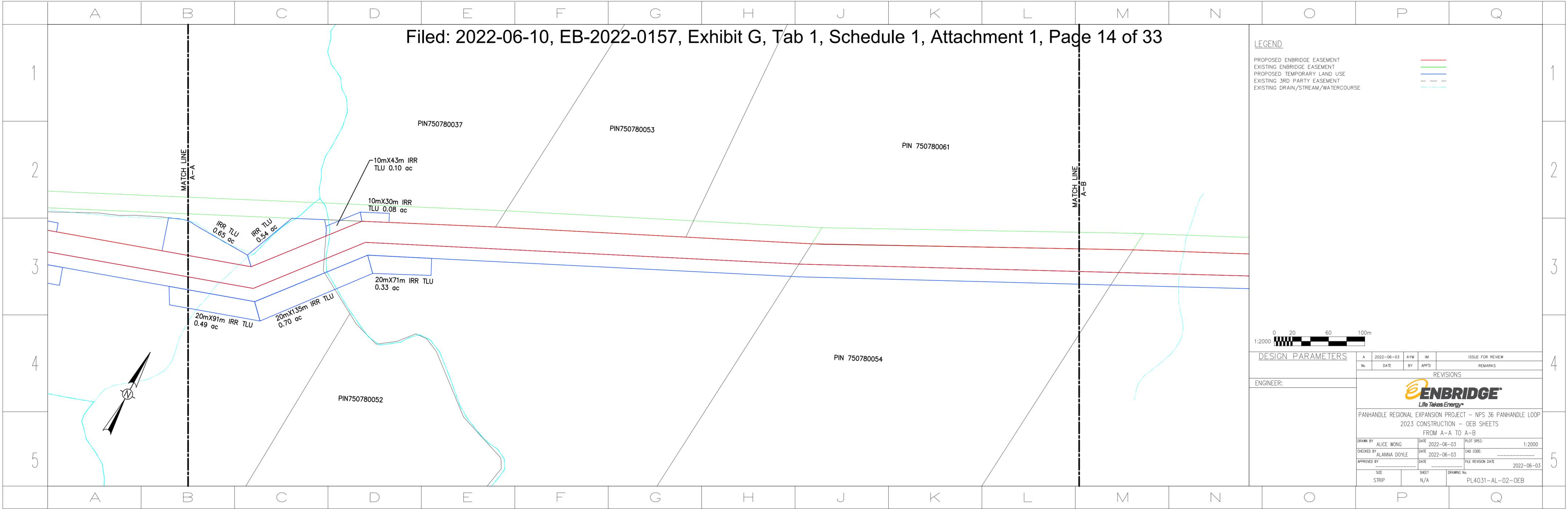
REVISIONS



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
 2023 CONSTRUCTION - OEB SHEETS  
 FROM START TO A-A

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4031-AL-01-OEB
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**LEGEND**

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE —



**DESIGN PARAMETERS**

No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

**ENGINEER:**

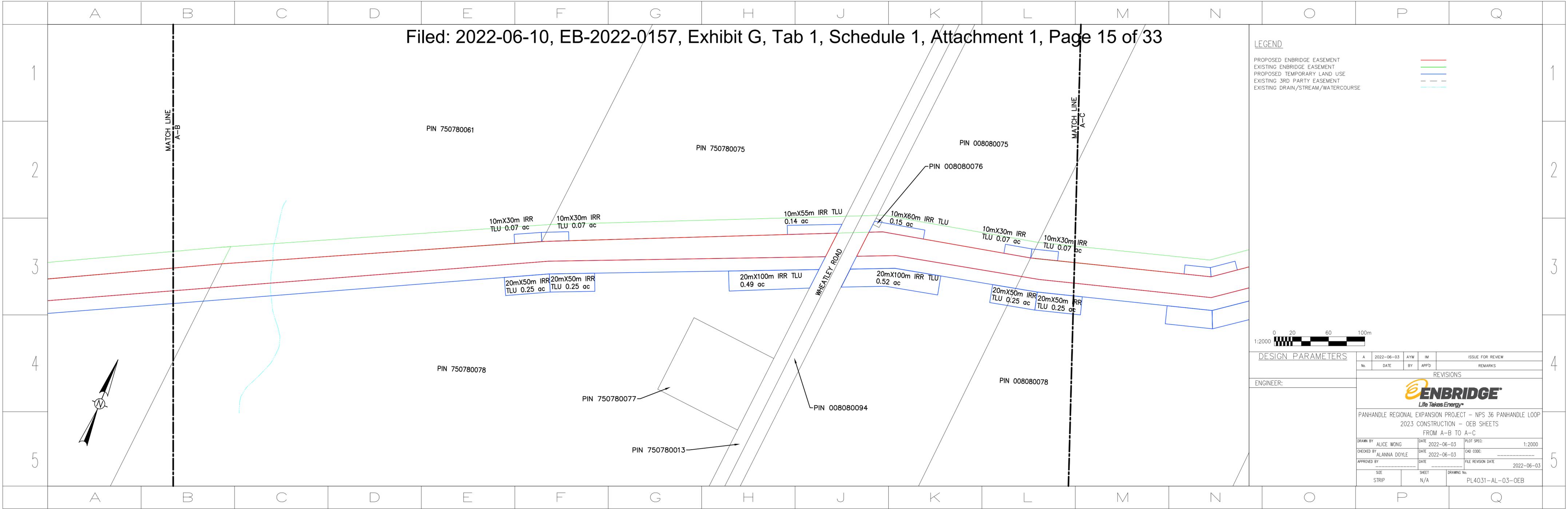
**REVISIONS**



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
 2023 CONSTRUCTION - OEB SHEETS  
 FROM A-A TO A-B

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4031-AL-02-OEB
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LEGEND

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - - -

DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
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ENGINEER:

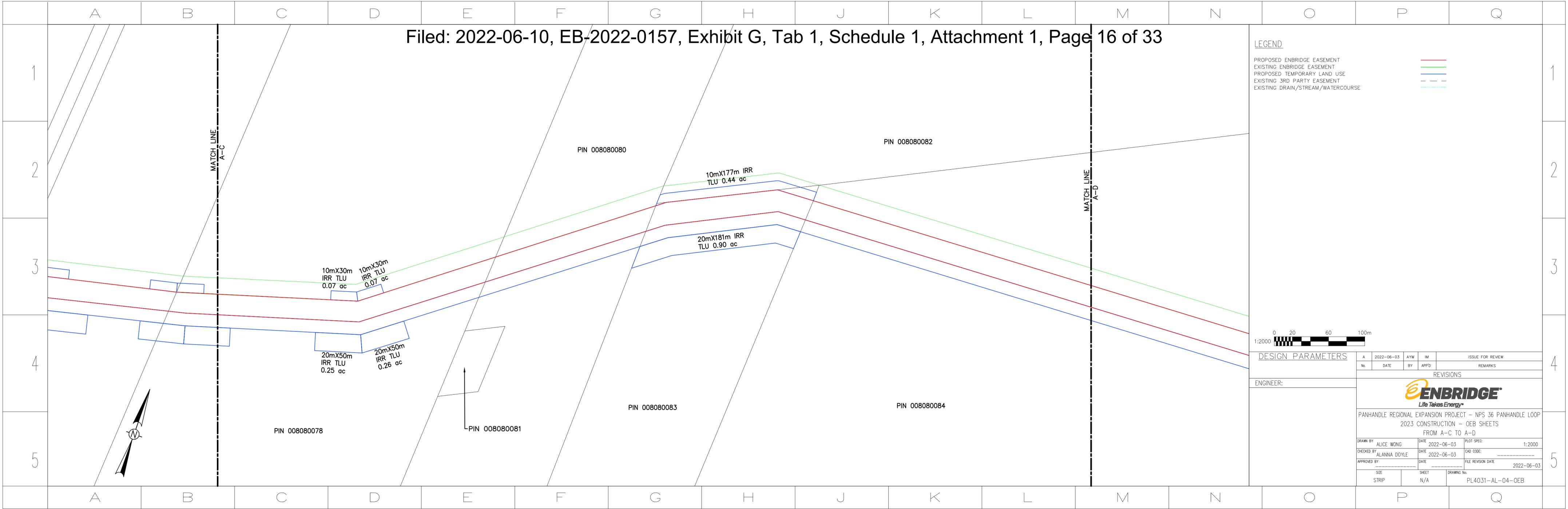
REVISIONS



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
2023 CONSTRUCTION - OEB SHEETS  
FROM A-B TO A-C

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4031-AL-03-OEB
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LEGEND

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT —
- EXISTING DRAIN/STREAM/WATERCOURSE —



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

REVISIONS

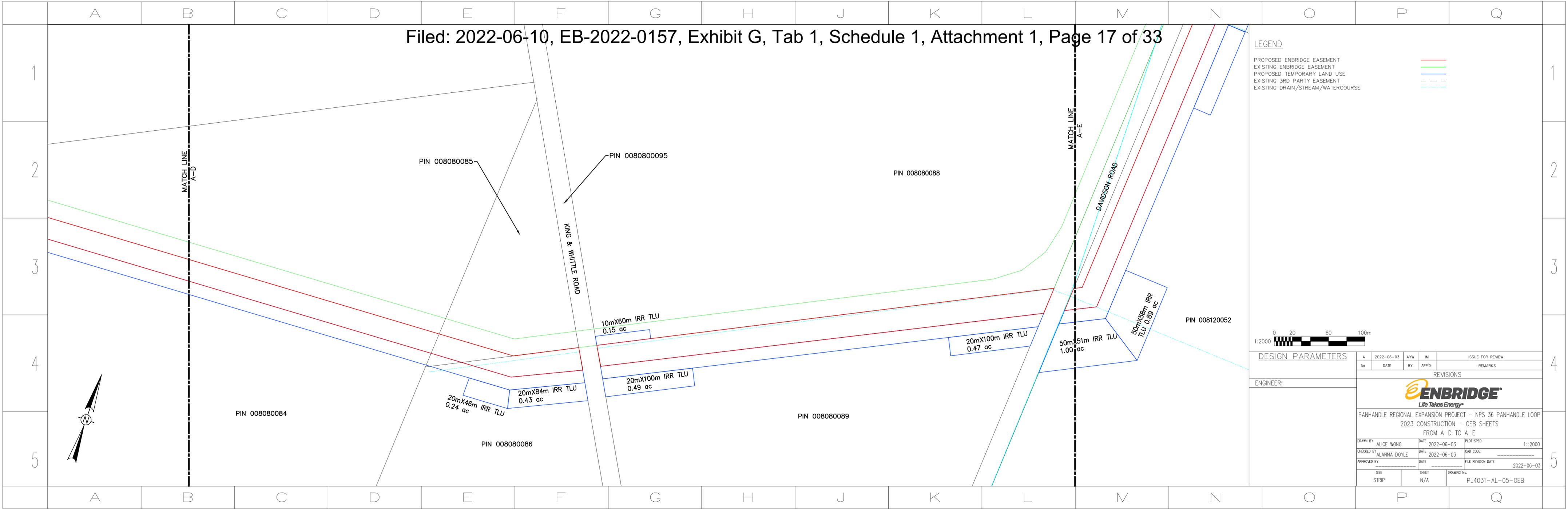
ENGINEER:



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
 2023 CONSTRUCTION - OEB SHEETS  
 FROM A-C TO A-D

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4031-AL-04-OEB
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**LEGEND**

- PROPOSED ENBRIDGE EASEMENT (Red line)
- EXISTING ENBRIDGE EASEMENT (Green line)
- PROPOSED TEMPORARY LAND USE (Blue line)
- EXISTING 3RD PARTY EASEMENT (Black dashed line)
- EXISTING DRAIN/STREAM/WATERCOURSE (Cyan dashed line)



DESIGN PARAMETERS				
No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

REVISIONS				
				
PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP 2023 CONSTRUCTION - OEB SHEETS FROM A-D TO A-E				
DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:
APPROVED BY		DATE		FILE REVISION DATE
SIZE	STRIP	SHEET	N/A	DRAWING No.
				PL4031-AL-05-OEB

ENGINEER:

PIN 008080084

20mX46m IRR TLU  
0.24 ac

20mX84m IRR TLU  
0.43 ac

20mX100m IRR TLU  
0.49 ac

10mX60m IRR TLU  
0.15 ac

20mX100m IRR TLU  
0.47 ac

50mX51m IRR TLU  
1.00 ac

50mX58m IRR TLU  
0.89 ac

PIN 008080085

PIN 008080095

PIN 008080088

PIN 008120052

PIN 008080089

PIN 008080086

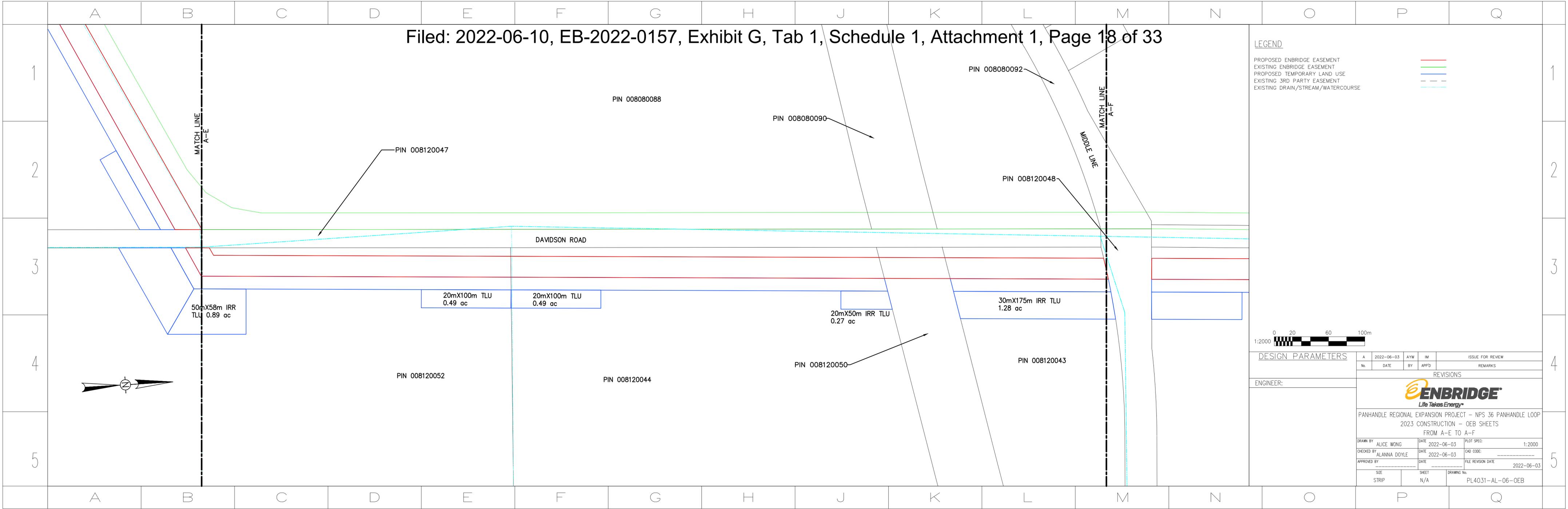
MATCH LINE  
A-D

MATCH LINE  
A-E

KING & WHITTLE ROAD

DAVIDSON ROAD





**LEGEND**

- PROPOSED ENBRIDGE EASEMENT (Red line)
- EXISTING ENBRIDGE EASEMENT (Green line)
- PROPOSED TEMPORARY LAND USE (Blue line)
- EXISTING 3RD PARTY EASEMENT (Black dashed line)
- EXISTING DRAIN/STREAM/WATERCOURSE (Cyan dashed line)



**DESIGN PARAMETERS**

No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

**ENGINEER:**

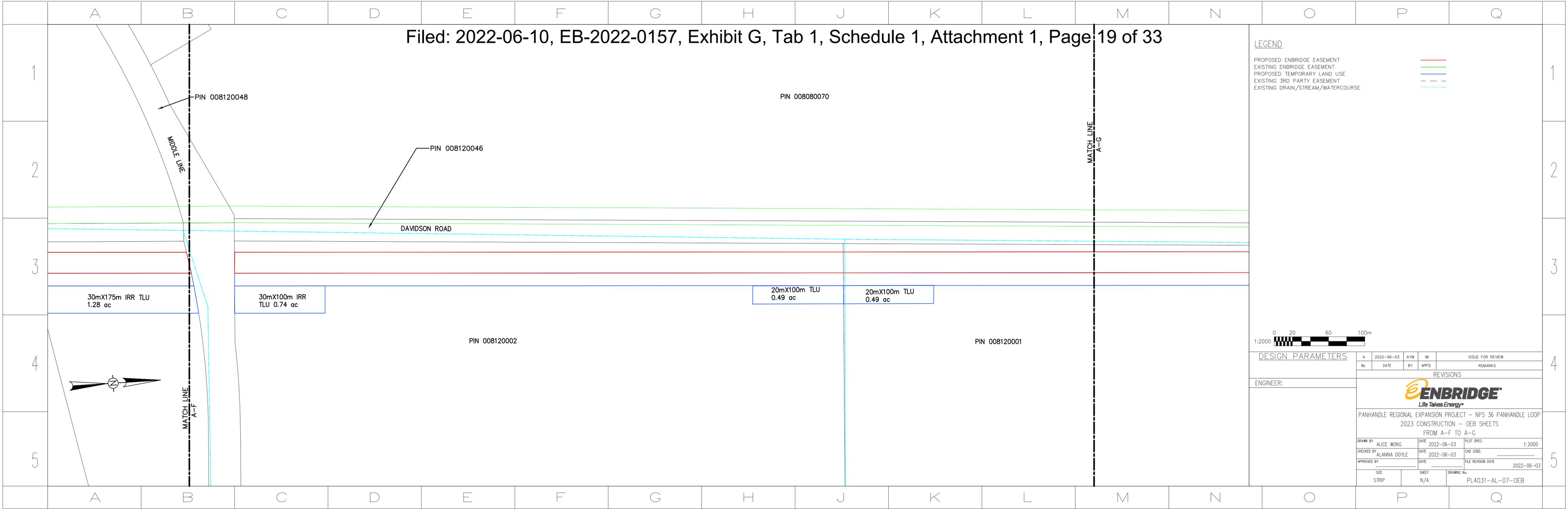
**REVISIONS**



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
 2023 CONSTRUCTION - OEB SHEETS  
 FROM A-E TO A-F

DRAWN BY: ALICE WONG	DATE: 2022-06-03	PLOT SPEC: 1:2000
CHECKED BY: ALANNA DOYLE	DATE: 2022-06-03	CAD CODE: _____
APPROVED BY: _____	DATE: _____	FILE REVISION DATE: 2022-06-03

SIZE: STRIP	SHEET: N/A	DRAWING No.: PL4031-AL-06-OEB
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**LEGEND**

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - · - · -



**DESIGN PARAMETERS**

No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

**ENGINEER:**

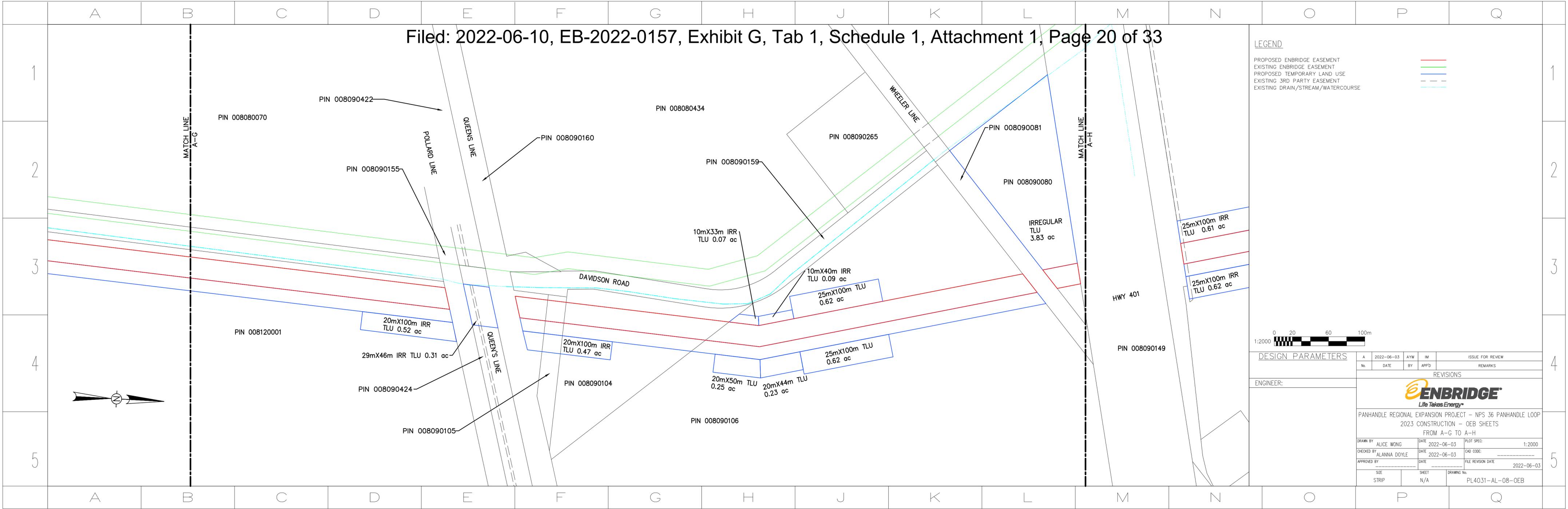
**REVISIONS**



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
 2023 CONSTRUCTION - OEB SHEETS  
 FROM A-F TO A-G

DRAWN BY: ALICE WONG	DATE: 2022-06-03	PLOT SPEC: 1:2000
CHECKED BY: ALANNA DOYLE	DATE: 2022-06-03	CAD CODE: _____
APPROVED BY: _____	DATE: _____	FILE REVISION DATE: 2022-06-03

SIZE STRIP	SHEET N/A	DRAWING No. PL4031-AL-07-OEB
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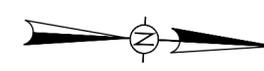


**LEGEND**

PROPOSED ENBRIDGE EASEMENT	
EXISTING ENBRIDGE EASEMENT	
PROPOSED TEMPORARY LAND USE	
EXISTING 3RD PARTY EASEMENT	
EXISTING DRAIN/STREAM/WATERCOURSE	



DESIGN PARAMETERS				
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW
No.	DATE	BY	APP'D	REMARKS
REVISIONS				
PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP 2023 CONSTRUCTION - OEB SHEETS FROM A-G TO A-H				
DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC: 1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE: _____
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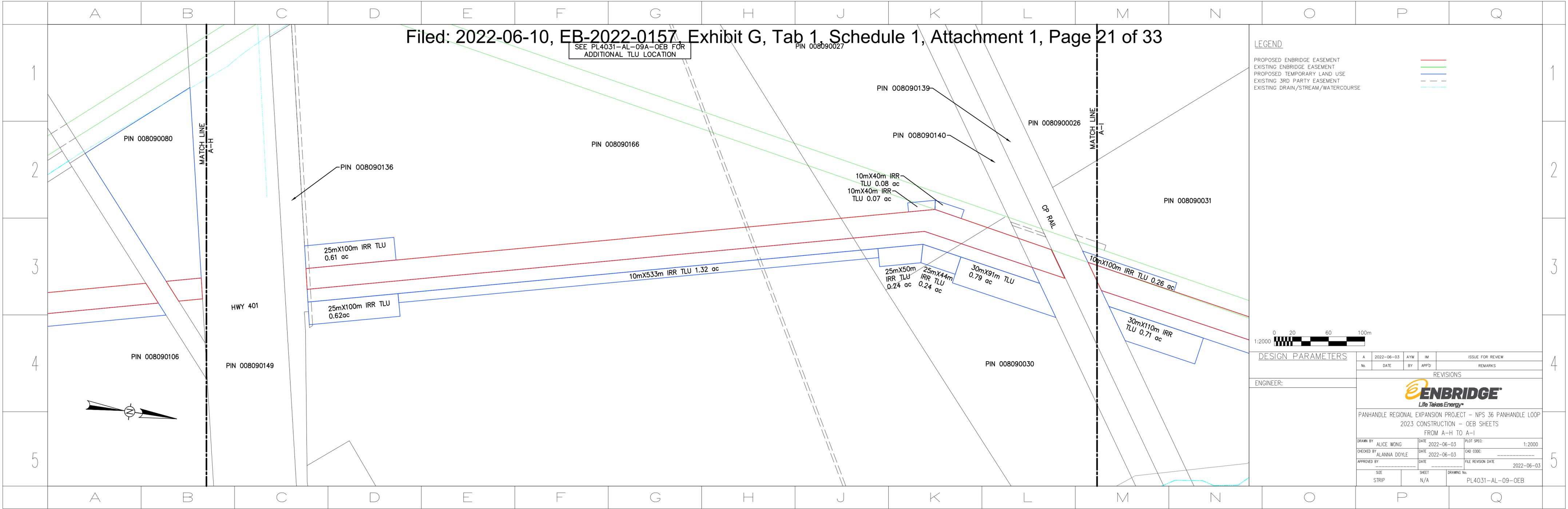


SEE PL4031-AL-09A-OEB FOR ADDITIONAL TLU LOCATION

PIN 008090027

LEGEND

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT ---
- EXISTING DRAIN/STREAM/WATERCOURSE ---



MATCH LINE A-H

MATCH LINE A-I

CP RAIL

HWY 401



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

ENGINEER:

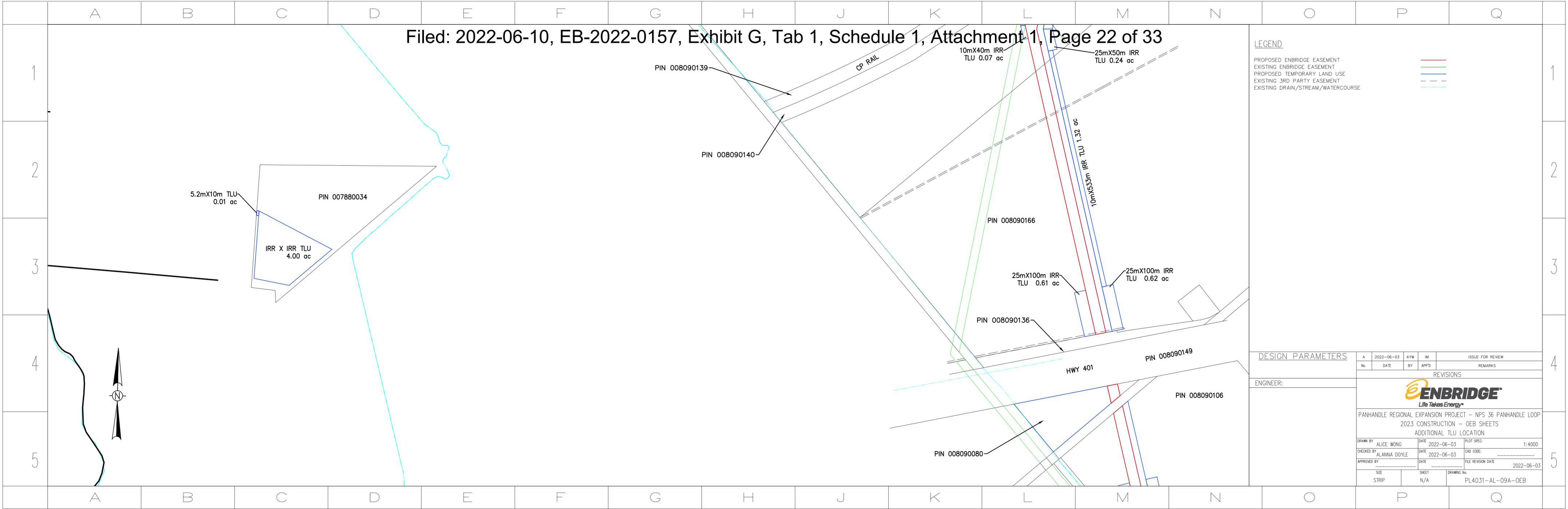
REVISIONS



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
2023 CONSTRUCTION - OEB SHEETS  
FROM A-H TO A-I

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4031-AL-09-OEB
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LEGEND

- PROPOSED ENBRIDGE EASEMENT
- EXISTING ENBRIDGE EASEMENT
- PROPOSED TEMPORARY LAND USE
- EXISTING 3RD PARTY EASEMENT
- EXISTING DRAIN/STREAM/WATERCOURSE

DESIGN PARAMETERS

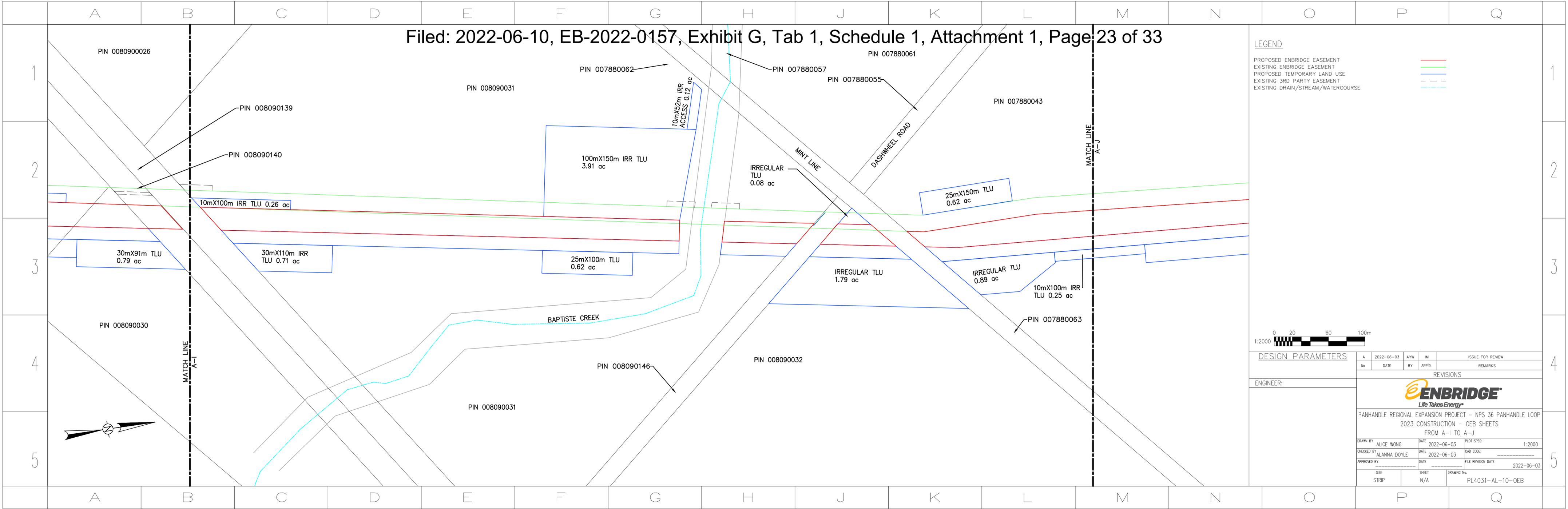
No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

ENGINEER:



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
2023 CONSTRUCTION - OEB SHEETS  
ADDITIONAL TLU LOCATION

DRAWN BY: ALICE WONG	DATE: 2022-06-03	PLOT SPEC: 1:4000
CHECKED BY: ALANNA DOYLE	DATE: 2022-06-03	CAD CODE: _____
APPROVED BY: _____	DATE: _____	FILE REVISION DATE: 2022-06-03
SIZE: STRIP	SHEET: N/A	DRAWING No: PL4031-AL-09A-OEB



LEGEND

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT ---
- EXISTING DRAIN/STREAM/WATERCOURSE ---



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

ENGINEER:

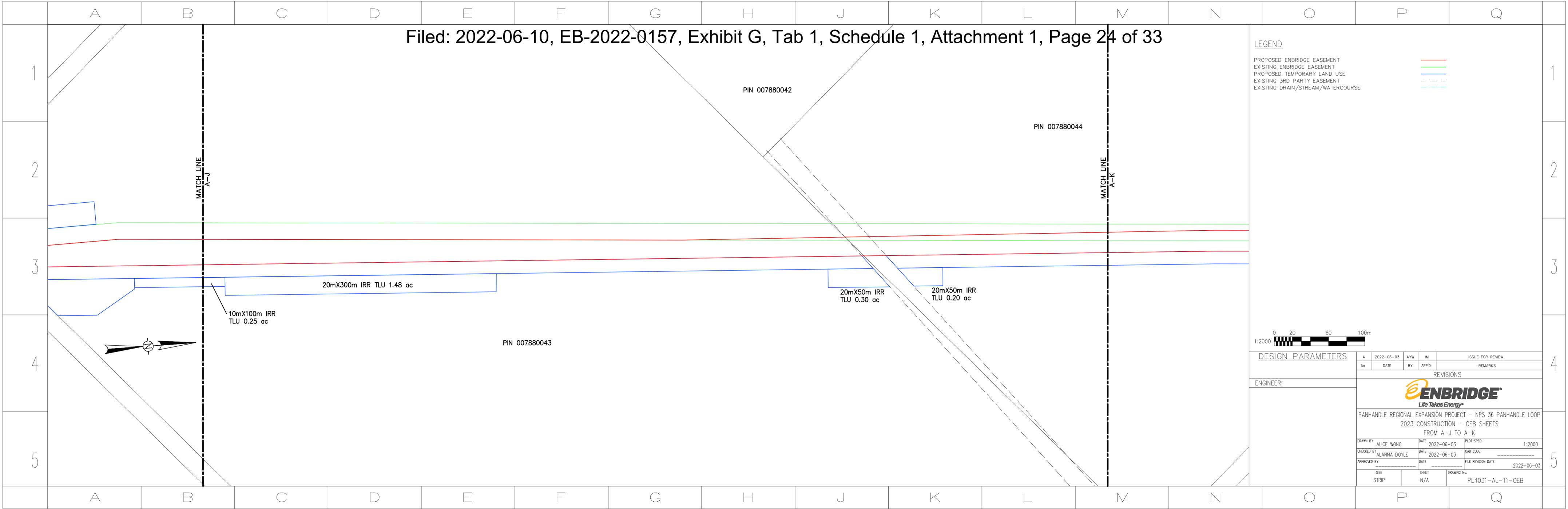
REVISIONS



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
2023 CONSTRUCTION - OEB SHEETS  
FROM A-I TO A-J

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4031-AL-10-OEB
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- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - - -



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

REVISIONS

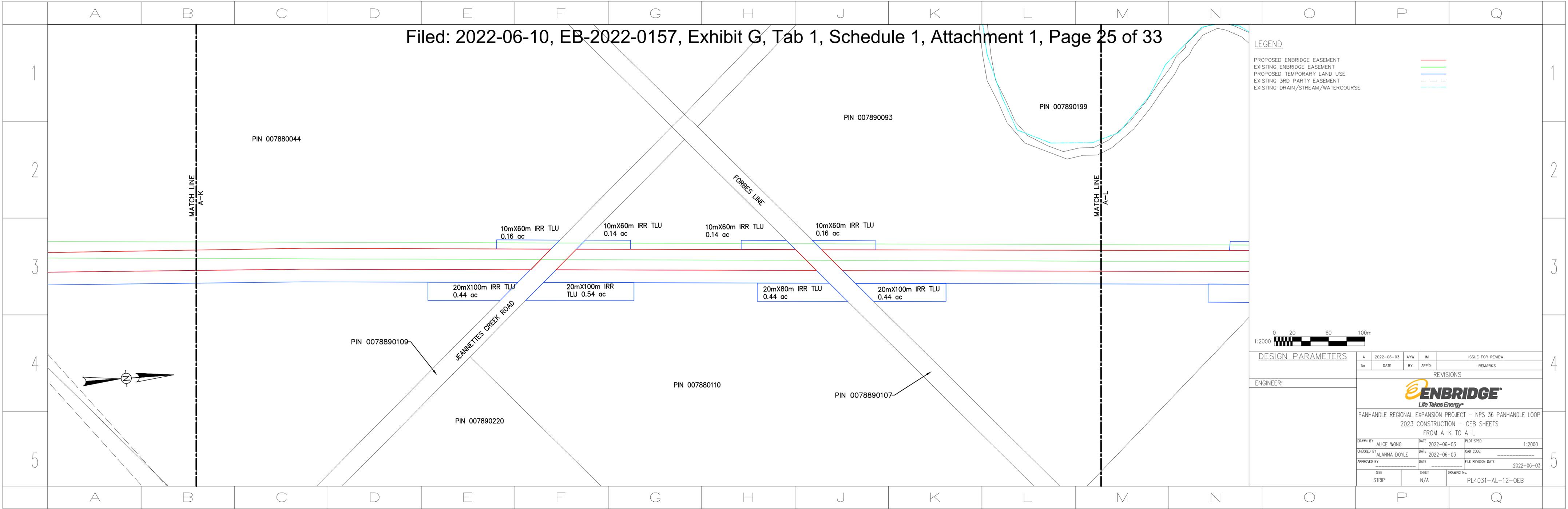
ENGINEER:



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
 2023 CONSTRUCTION - OEB SHEETS  
 FROM A-J TO A-K

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4031-AL-11-OEB
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LEGEND

- PROPOSED ENBRIDGE EASEMENT (Red line)
- EXISTING ENBRIDGE EASEMENT (Green line)
- PROPOSED TEMPORARY LAND USE (Blue line)
- EXISTING 3RD PARTY EASEMENT (Dashed black line)
- EXISTING DRAIN/STREAM/WATERCOURSE (Cyan dashed line)



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

REVISIONS

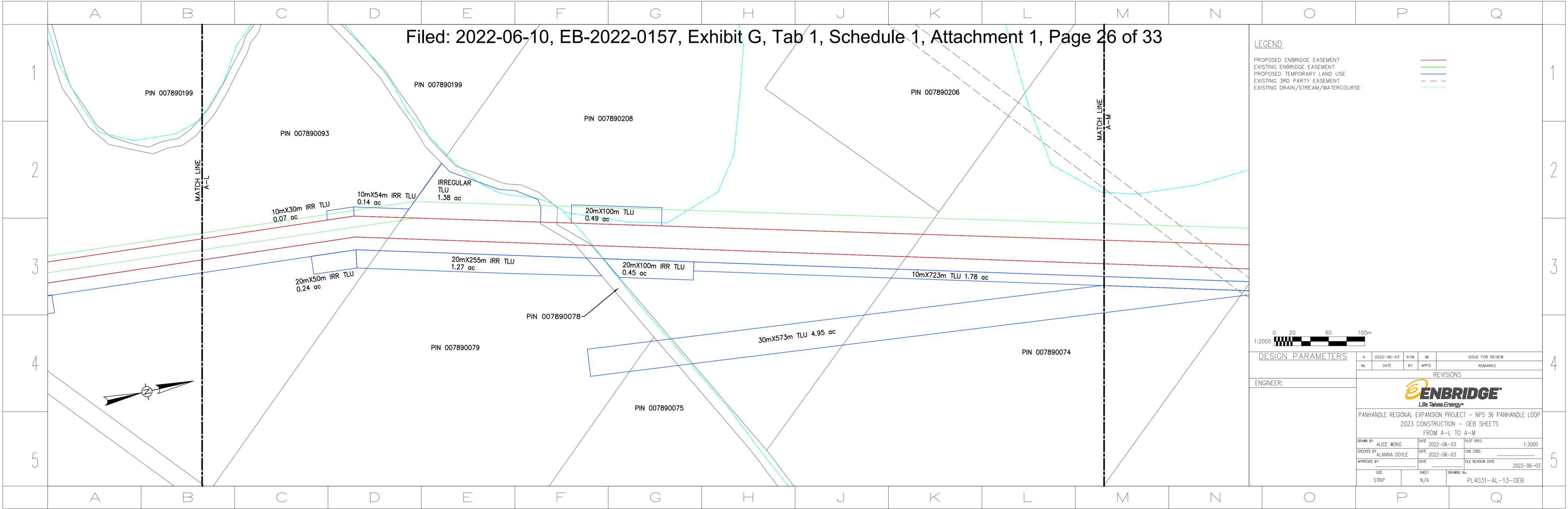
No.	DATE	BY	APP'D	REMARKS
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PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
2023 CONSTRUCTION - OEB SHEETS  
FROM A-K TO A-L

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4031-AL-12-OEB
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LEGEND

- PROPOSED ENBRIDGE EASEMENT
- EXISTING ENBRIDGE EASEMENT
- PROPOSED TEMPORARY LAND USE
- EXISTING 3RD PARTY EASEMENT
- EXISTING DRAIN/STREAM/WATERCOURSE



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

ENGINEER:

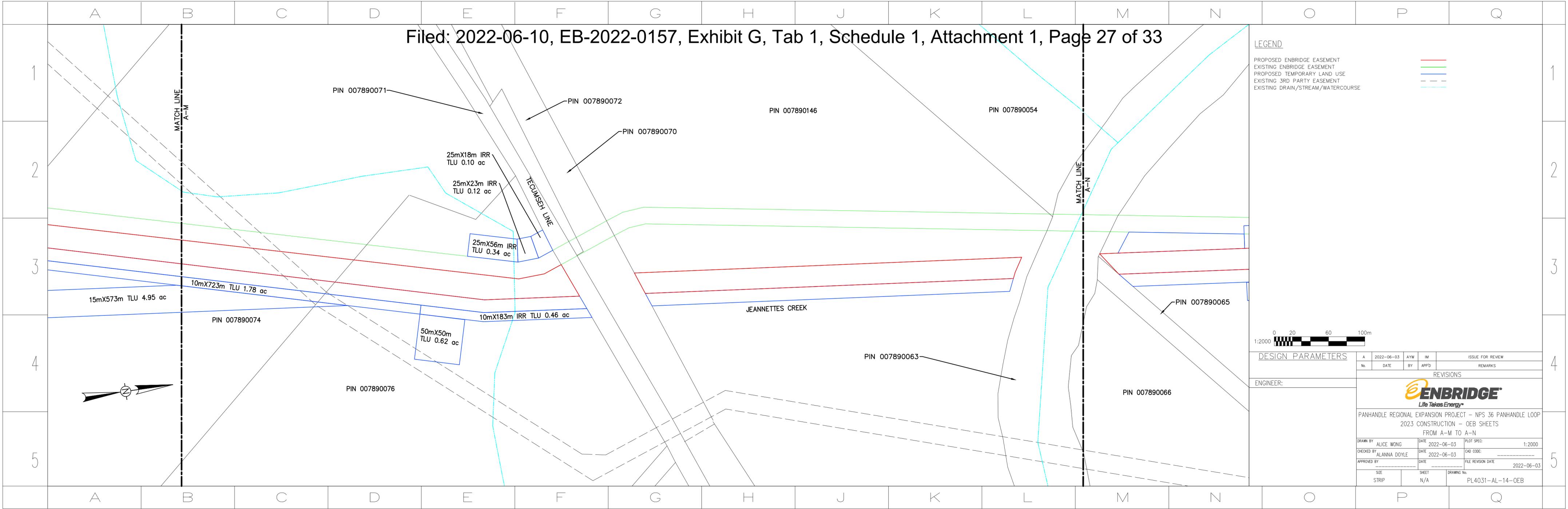
REVISIONS



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
2023 CONSTRUCTION - OEB SHEETS  
FROM A-L TO A-M

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4031-AL-13-OEB
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**LEGEND**

PROPOSED ENBRIDGE EASEMENT	
EXISTING ENBRIDGE EASEMENT	
PROPOSED TEMPORARY LAND USE	
EXISTING 3RD PARTY EASEMENT	
EXISTING DRAIN/STREAM/WATERCOURSE	



**DESIGN PARAMETERS**

A	2022-06-03	AYW	IM	ISSUE FOR REVIEW
No.	DATE	BY	APP'D	REMARKS

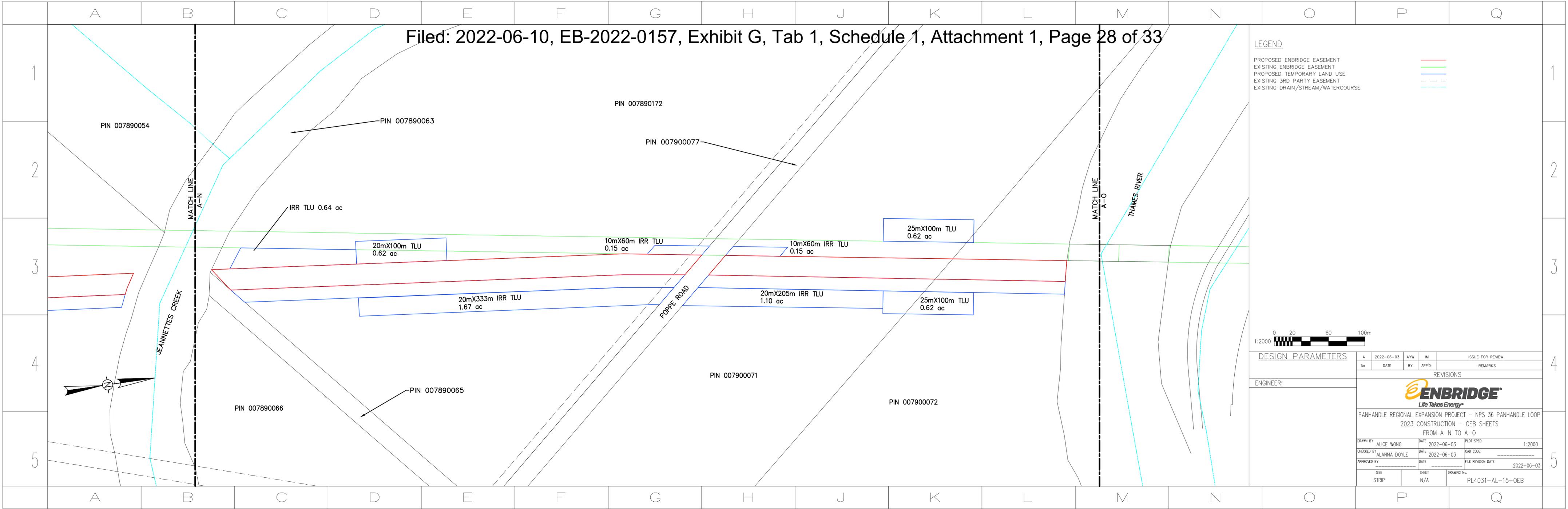
**REVISIONS**

**ENGINEER:**

PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
2023 CONSTRUCTION - OEB SHEETS  
FROM A-M TO A-N

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	SHEET	DRAWING No.
STRIP	N/A	PL4031-AL-14-OEB



LEGEND

- PROPOSED ENBRIDGE EASEMENT (Red line)
- EXISTING ENBRIDGE EASEMENT (Green line)
- PROPOSED TEMPORARY LAND USE (Blue line)
- EXISTING 3RD PARTY EASEMENT (Dashed black line)
- EXISTING DRAIN/STREAM/WATERCOURSE (Cyan line)



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

ENGINEER:

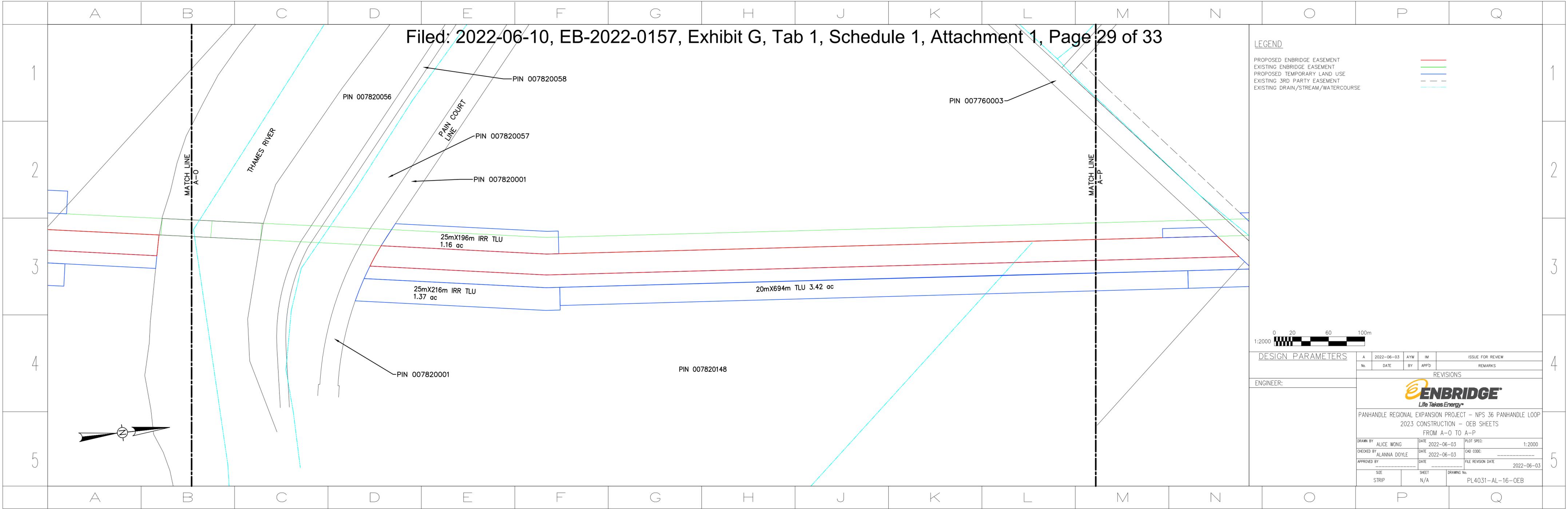
REVISIONS



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
2023 CONSTRUCTION - OEB SHEETS  
FROM A-N TO A-O

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	SHEET	DRAWING No.
STRIP	N/A	PL4031-AL-15-OEB



LEGEND

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - - -



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

ENGINEER:

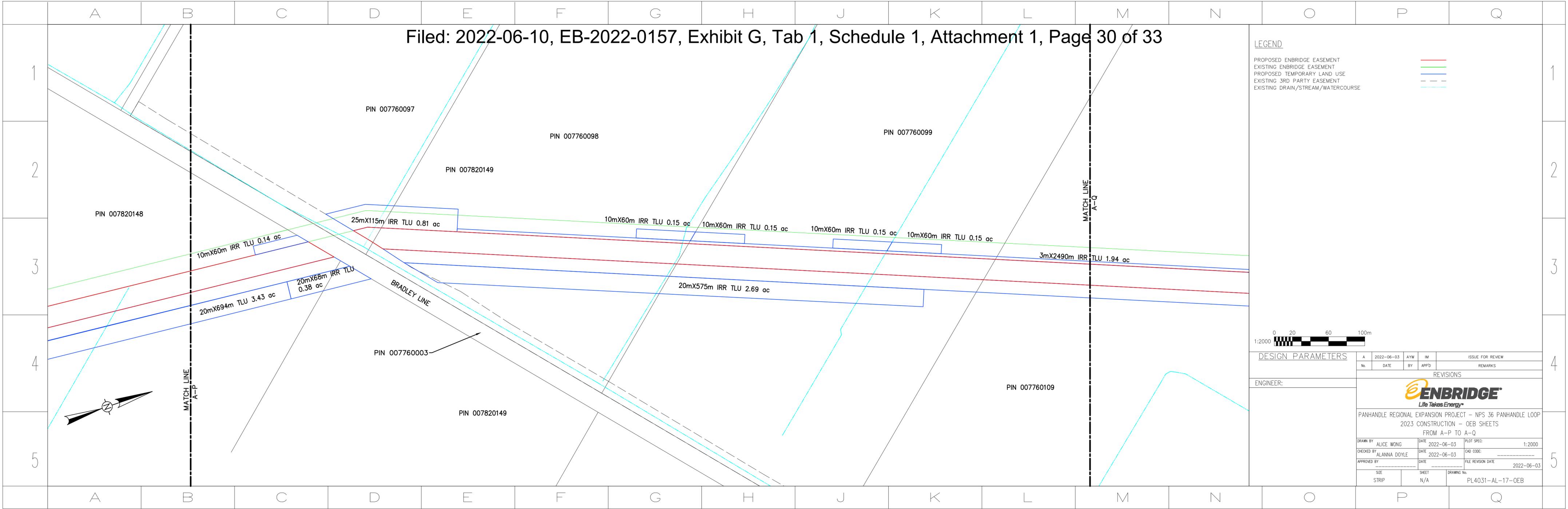
REVISIONS



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
2023 CONSTRUCTION - OEB SHEETS  
FROM A-O TO A-P

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4031-AL-16-OEB
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LEGEND

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - - -



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

ENGINEER:

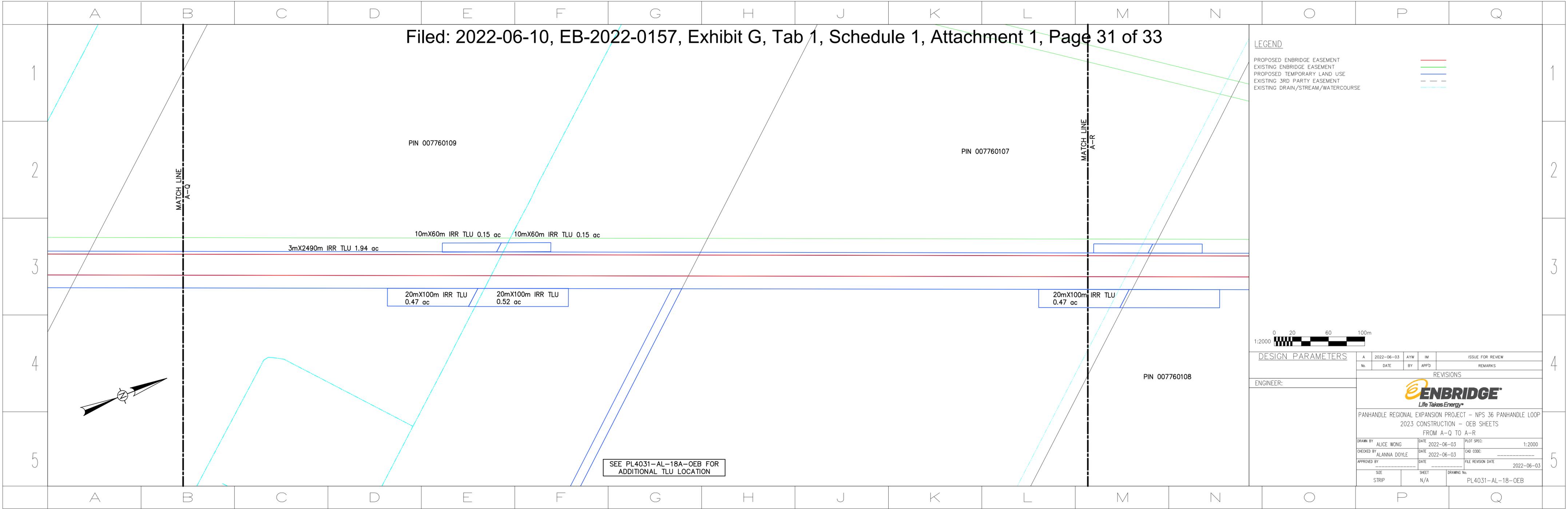
REVISIONS



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
2023 CONSTRUCTION - OEB SHEETS  
FROM A-P TO A-Q

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4031-AL-17-OEB
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LEGEND

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - - -



DESIGN PARAMETERS

No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

REVISIONS

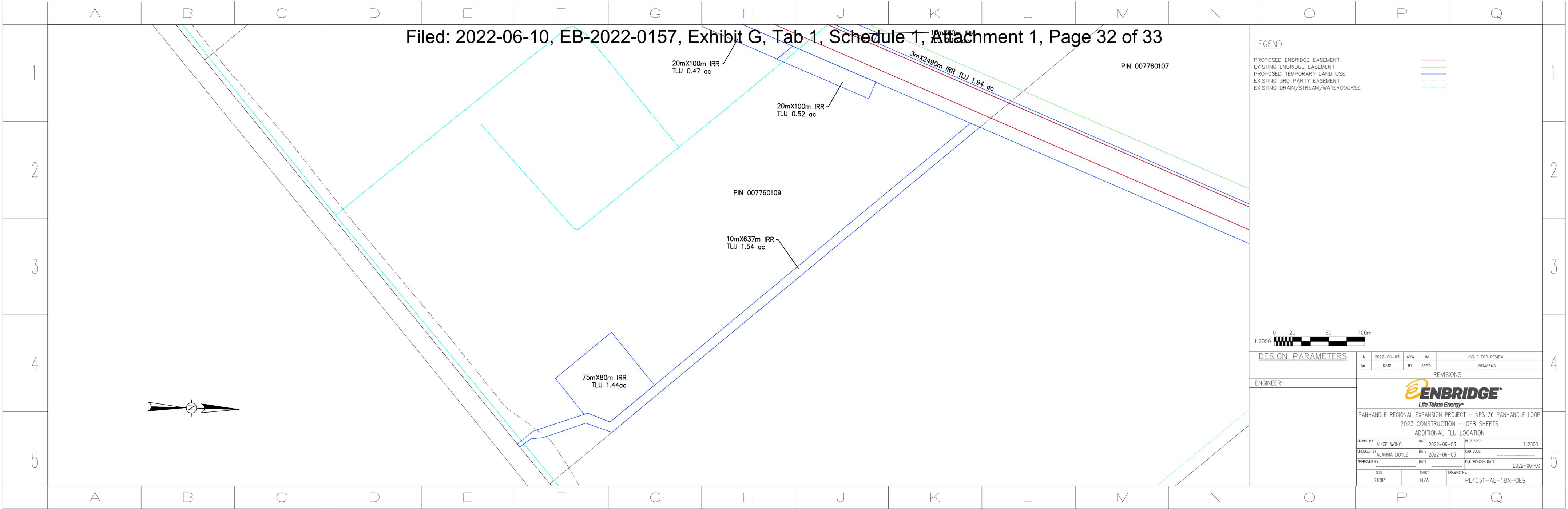


PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
 2023 CONSTRUCTION - OEB SHEETS  
 FROM A-Q TO A-R

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4031-AL-18-OEB
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SEE PL4031-AL-18A-OEB FOR  
 ADDITIONAL TLU LOCATION



**LEGEND**

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - · - · -



**DESIGN PARAMETERS**

A	2022-06-03	AYW	IM	ISSUE FOR REVIEW
No.	DATE	BY	APP'D	REMARKS

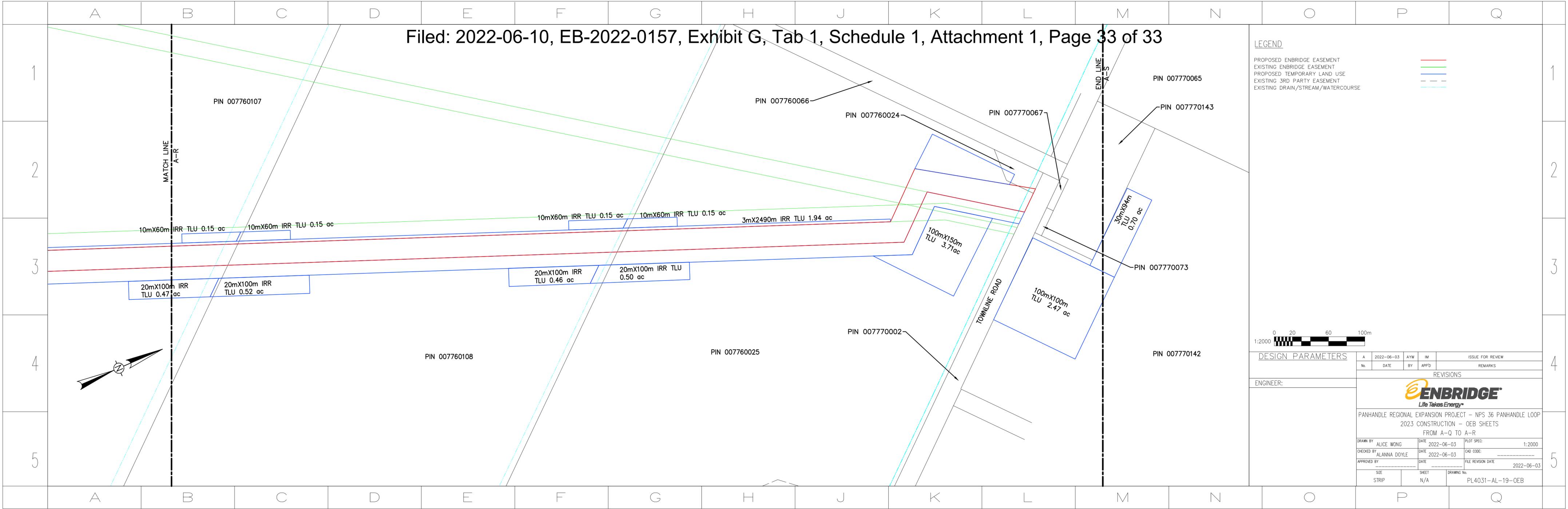
**REVISIONS**

**ENGINEER:**

PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
2023 CONSTRUCTION - OEB SHEETS  
ADDITIONAL TLU LOCATION

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4031-AL-18A-OEB
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**LEGEND**

- PROPOSED ENBRIDGE EASEMENT —
- EXISTING ENBRIDGE EASEMENT —
- PROPOSED TEMPORARY LAND USE —
- EXISTING 3RD PARTY EASEMENT - - -
- EXISTING DRAIN/STREAM/WATERCOURSE - - -



**DESIGN PARAMETERS**

No.	DATE	BY	APP'D	REMARKS
A	2022-06-03	AYW	IM	ISSUE FOR REVIEW

**ENGINEER:**

**REVISIONS**



PANHANDLE REGIONAL EXPANSION PROJECT - NPS 36 PANHANDLE LOOP  
 2023 CONSTRUCTION - OEB SHEETS  
 FROM A-Q TO A-R

DRAWN BY	ALICE WONG	DATE	2022-06-03	PLOT SPEC:	1:2000
CHECKED BY	ALANNA DOYLE	DATE	2022-06-03	CAD CODE:	
APPROVED BY		DATE		FILE REVISION DATE	2022-06-03

SIZE	STRIP	SHEET	N/A	DRAWING No.	PL4031-AL-19-OEB
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Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	75022001			COUNTY OF ESSEX	ATTN: INFRASTRUCTURE SERVICES DEPARTMENT	360 FAIRVIEW AVE W	ESSEX	ON	NBM 1Y6	RDAL BTN TOWNSHIP OF TILBURY EAST & TILBURY NORTH TILBURY; PT LT 22 CON 6 TILBURY PT 1, 12R2734; PT N1/2 LT 22 CON SMR TILBURY; PT S1/2 LT 22 CON SMR TILBURY AS IN R317626 AKA COUNTY RD 1, TOWNLINE RD, & QUEEN ST, BTN COUNTY RD 46 & 7TH CONCESSION RD; LAKESHORE	THE CORPORATION OF THE COUNTY OF ESSEX	360 FAIRVIEW AVENUE WEST	ATTN: INFRASTRUCTURE SERVICES DEPARTMENT	ESSEX	ON	NBM 1Y6	
D	750220138			MUNICIPALITY OF LAKESHORE	ATTN: ENGINEERING AND INFRASTRUCTURE SERVICES	419 NOTRE DAME ST	BELLE RIVER	ON	NOR 1A0	RDAL BTN CON 1 EBR & CON 2 ROCHESTER BEING 2ND CONCESSION RD BTN ESSEX TOWNLINE RD & SOUTH MIDDLE RD; LAKESHORE							
D	750220165			MUNICIPALITY OF LAKESHORE	ATTN: ENGINEERING AND INFRASTRUCTURE SERVICES	419 NOTRE DAME ST	BELLE RIVER	ON	NOR 1A0	RDAL BTN CON 2 & CON 3 ROCHESTER BEING 3 RD CONCESSION RD BTN SOUTH MIDDLE RD & COUNTY RD 8; LAKESHORE							
D	750220184						SOUTH WOODSLEE	ON	NOR 1V0	PT LT 30 CON 3 ROCHESTER AS IN R1533498; LAKESHORE	ELEXCO LTD	555 SOUTHDALE ROAD EAST		LONDON	ON	N66 1A2	
D	750220184	" "	" "		" "	" "	" "	" "	" "	" "	THE CORPORATION OF THE TOWN OF LAKESHORE	419 NOTRE DAME STREET		BELLE RIVER	ON	NOR 1A0	
D	750220186			MUNICIPALITY OF LAKESHORE	ATTN: ENGINEERING AND INFRASTRUCTURE SERVICES	419 NOTRE DAME ST	BELLE RIVER	ON	NOR 1A0	PT LT 29-30 CON 4 ROCHESTER AS IN R618040, R618452; RDAL BTN CON 4 & CON 5 ROCHESTER BEING 4TH CONCESSION RD BTN COUNTY RD 8 & SOUTH MIDDLE RD; LAKESHORE							
D	750220187						RUSCOM STATION	ON	NOR 1R0	PT LT 29-30 CON 4 ROCHESTER AS IN R1043267; S/T LIFE INTEREST IN R1033677; LAKESHORE							
D	750220208						SOUTH WOODSLEE	ON	NOR 1V0	PT LT 30 CON 3 ROCHESTER PT 1 12R19370; LAKESHORE	CANADIAN IMPERIAL BANK OF COMMERCE	PO BOX 115	COMMERCE COURT POSTAL STATION	TORONTO	ON	M5L 1E5	
D	750220218						SOUTH WOODSLEE	ON	NOR 1V0	PART LOT 30 CON 2 ROCHESTER DESIGNATED AS PART 1 ON 12R21365; LAKESHORE	ROYAL BANK OF CANADA	161 TALBOT ST N		ESSEX	ON	N8M 2C6	
D	750220219						SOUTH WOODSLEE	ON	NOR 1V0	LOT 30 CON 2 ROCHESTER EXCEPT R207146 & 12R21365; LAKESHORE	THE CORPORATION OF THE COUNTY OF ESSEX	360 FAIRVIEW AVENUE WEST	ATTN: INFRASTRUCTURE SERVICES DEPARTMENT	ESSEX	ON	NBM 1Y6	
D	750220248						BELLE RIVER	ON	NOR 1V0	PT LT 30 CON 1 EBR ROCHESTER BEING PTS 3, 4, 5, 6, 7 AND 8, PLAN 12R26962; S/T R1461099, R013944; SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 1 AND 2 PLAN 12R27626 AS IN CEB71179 TOWN OF LAKESHORE	ELEXCO LTD.	555 SOUTHDALE ROAD EAST		LONDON	ON	N66 1A2	
D	750220248	" "	" "		" "	" "	" "	" "	" "	" "	ENBRIDGE GAS INC.	OPERATING AS UNION GAS	50 KEIL DRIVE NORTH	CHATHAM	ON	N7M 5M1	
D	750220248	" "	" "		" "	" "	" "	" "	" "	" "	FARM CREDIT CANADA	200-1133 ST. GEORGE BOULEVARD		MONCTON	NB	E1E 4E1	200-1133 ST. GEORGE BOULEVARD, MONCTON, NEW BRUNSWICK E1E 4E2
D	750220248	" "	" "		" "	" "	" "	" "	" "	" "	THE CORPORATION OF THE TOWN OF LAKESHORE	419 NOTRE DAME STREET		BELLE RIVER	ON	NOR 1A0	419 NOTRE DAME STREET, BELLE RIVER, ON NOR 1A0, ATTN: ENGINEERING AND INFRASTRUCTURE SERVICES
D	750220248	" "	" "		" "	" "	" "	" "	" "	" "	THE HYDRO ELECTRIC POWER COMMISSION OF ONTARIO	620 UNIVERSITY AVENUE		TORONTO	ON	MSG 2C1	HYDRO ONE NETWORKS INC - 483 BAY STREET, 8TH FLOOR SOUTH TOWER, TORONTO, ON MSG 2P5
D	750220248	" "	" "		" "	" "	" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	750560020			MUNICIPALITY OF LAKESHORE	ATTN: ENGINEERING AND INFRASTRUCTURE SERVICES	419 NOTRE DAME ST	BELLE RIVER	ON	NOR 1A0	RDAL BTN CON 4 & CON 5 ROCHESTER AKA 5TH CONCESSION RD BTN 5 MIDDLE RD & COUNTY RD 8; LAKESHORE							
D	750560021			COUNTY OF ESSEX	ATTN: INFRASTRUCTURE SERVICES DEPARTMENT	360 FAIRVIEW AVE W	ESSEX	ON	NBM 1Y6	RDAL BTN TOWNSHIP OF MERSEA & TOWNSHIP OF ROCHESTER; RDAL BTN TOWNSHIP OF GOSFIELD & TOWNSHIP OF ROCHESTER ROCHESTER; PT LT 30 CON 5 ROCHESTER; PT LT 30 CON 6 ROCHESTER; PT LT 30 CON 7 ROCHESTER; PT LT 30 CON 8 ROCHESTER AS IN R232768, R207146 (AKA COUNTY RD 8) BTN 5TH CONCESSION RD & TOWNLINE RD; LAKESHORE	MINISTRY OF MINES	159 CEDAR ST		SUDBURY	ON	P3E 6A5	
D	750560021	" "	" "	" "	" "	" "	" "	" "	" "	" "	THE CORPORATION OF THE COUNTY OF ESSEX	360 FAIRVIEW AVENUE WEST	ATTN: INFRASTRUCTURE SERVICES DEPARTMENT	ESSEX	ON	NBM 1Y6	





D	750850153																	
D	750850154			OLIVE BETH HOLDINGS LTD.	109 MERSEA 11		STAPLES	ON	NOP 2J0	PART LOT 2 CON 10 MERSEA, DESIGNATED AS PTS 2 & 3 PL 12R22604 MUNICIPALITY OF LEAMINGTON	ROYAL BANK OF CANADA	ROYFARM MORTGAGE CENTRE	36 YORK MILLS ROAD, 4TH FLOOR	TORONTO	ON	M2P 0A4		
D	750850171			2661459 ONTARIO INC.	408 MERSEA ROAD 10		STAPLES	ON	NOP 2J0	PT LT 4 CON 10 MERSEA AS IN R578709 SAVE & EXCEPT PT 1 12R2389, PT 1 12R19027, PT 1 PL 12R27134 MUNICIPALITY OF LEAMINGTON	HYDRO ONE NETWORKS INC.	483 BAY STREET	8TH FLOOR SOUTH TOWER	TORONTO	ON	MSG 2P5		
D	750850171			" "	" "		" "	" "	" "	" "	BANK OF MONTREAL	AGENT BANK SERVICES	250 YONGE STREET, 11TH FLR	TORONTO	ON	MSG 2L7		
D	750850176			2633867 ONTARIO INC.	427 MERSEA ROAD 10		STAPLES	ON	NOP 2J0	FIRSTLY: PART LOT 4 CONCESSION 10 MERSEA, PART 1 12R2389 SAVE AND EXCEPT PART 2 12R27134; SECONDLY: PART LOT 4 CONCESSION 10 MERSEA, PART 1 12R27134 MUNICIPALITY OF LEAMINGTON	HYDRO ONE NETWORKS INC.	483 BAY STREET	8TH FLOOR SOUTH TOWER	TORONTO	ON	MSG 2P5		
D	750850176			" "	" "		" "	" "	" "	" "	THE CORPORATION OF THE MUNICIPALITY OF LEAMINGTON	38 ERIE STREET NORTH		LEAMINGTON	ON	NBH 2Z3		
D	750850183			2647237 ONTARIO INC.	4 SENECA DRIVE, PO BOX 400		LEAMINGTON	ON	NBH 3W5	SOUTHWEST QUARTER OF LOT 5 CONCESSION 10 MERSEA MUNICIPALITY OF LEAMINGTON	BANK OF MONTREAL	AGENT BANK SERVICES	250 YONGE STREET, 11TH FLR	TORONTO	ON	MSG 2L7		
D	751530148																	
D							WOODSLEE	ON	NOR 1V0	PART LOT 25, CONCESSION 11 GOSFIELD AS IN GN9321 EXCEPT PART 1, PLAN 12R8986 AND PARTS 1, 2 PLAN 12R27646 TOWN OF KINGSVILLE	FARM CREDIT CANADA	SUITE 200 - 1133 ST. GEORGE BOULEVARD		MONCTON	NB	E1E 4E1		

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007760003			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	FIRSTLY, PART ROAD ALLOWANCE BETWEEN CONCESSION 1 AND CONCESSION 2 DOVER WEST; SECONDLY, PART LOT 1 CON 2 DOVER WEST PARTS 2 AND 3, 24R3551; S/T DO28945 AS AMENDED BY 254245 S/T 463689; CHATHAM-KENT	LAGASCO INC.	300 COMMISSIONERS ROAD WEST, UNIT D		LONDON	ON	N6J 1Y4	
D	007760003			" "	" "	" "	" "	" "	" "	" "	LAKEVILLE HOLDINGS INC	601-195 DUFFERIN AVENUE		LONDON	ON	N6A 1K7	
D	007760003			" "	" "	" "	" "	" "	" "	" "	[REDACTED]			CHATHAM	ON	N7M 5J8	
D	007760003			" "	" "	" "	" "	" "	" "	" "	UNION GAS CO. OF CANADA LTD.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007760003			" "	" "	" "	" "	" "	" "	" "	UNION GAS LTD.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007760025			[REDACTED]			GRANDE POINTE	ON	N0P 1S0	PT LT 1 CON 2 DOVER WEST PT 5, 24R3551 EXCEPT PT 1, 24R6863 S/T DO28945 AS AMENDED BY 254245; S/T 213907, 265537; CHATHAM-KENT	CANENERCO LIMITED	SUITE 480, 200 QUEENS AVENUE		LONDON	ON	N6A 1J3	
D	007760025	" "	" "	" "	" "	" "	" "	" "	" "	" "	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007760025	" "	" "	" "	" "	" "	" "	" "	" "	" "	DOMO NGL PIPELINE LTD.	240-4TH AVENUE S.W.		CALGARY	AB	T2P 4H4	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC, 1400, 607 8 AVENUE SW, CALGARY AB T2P 0A7
D	007760025	" "	" "	" "	" "	" "	" "	" "	" "	" "	ELESCO LTD.	101-557 SOUTHDALE ROAD EAST		LONDON	ON	N6E 1A2	
D	007760025	" "	" "	" "	" "	" "	" "	" "	" "	" "	FARM CREDIT CANADA	SUITE 200, 1133 ST. GEORGE BLVD.		MONCTON	NB	E1E 4E1	
D	007760025	" "	" "	" "	" "	" "	" "	" "	" "	" "	LAGASCO INC.	300 COMMISSIONERS ROAD WEST, UNIT D		LONDON	ON	N6J 1Y4	
D	007760025	" "	" "	" "	" "	" "	" "	" "	" "	" "	LAKEVILLE HOLDINGS INC	601-195 DUFFERIN AVENUE		LONDON	ON	N6A 1K7	
D	007760025	" "	" "	" "	" "	" "	" "	" "	" "	" "	LIBERTY OIL & GAS LTD.	SUITE 209, 1324 11TH AVENUE S.W.		CALGARY	AB	T3C 0M6	
D	007760025	" "	" "	" "	" "	" "	" "	" "	" "	" "	PLAINS MIDSTREAM CANADA ULC	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC	1400, 607 8 AVENUE SW	CALGARY	AB	T2P 0A7	
D	007760025	" "	" "	" "	" "	" "	" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007760025	" "	" "	" "	" "	" "	" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE NORTH, P.O. BOX 2001	FILE T1804	CHATHAM	ON	N7M 5M1	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address	
D	007760025	" "	" "		" "		" "	" "	" "	" "	UNION GAS LTD.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1		
D	007760097	[REDACTED]						PAIN COURT	ON	N0P 1Z0	PART OF LOT 5, CONCESSION 2, DOVER WEST, BEING PARTS 1, 2, 3, 4, 5, 6, 7, AND 8, REFERENCE PLAN 24R 10682; S/T D1318, S/T D1355 OVER PART 4, PLAN 24R 10682; S/T EASEMENT AS IN CK179962 SUBJECT TO AN EASEMENT OVER 6, 7, AND 8, REFERENCE PLAN 24R 10682; IN FAVOUR OF PART LOT 4, CONCESSION 2, DOVER WEST, BEING PARTS 9, 10, 11, 12, 13 AND 14, REFERENCE PLAN 24R 10682 AS IN CK184549 MUNICIPALITY CHATHAM-KENT	2812345 ONTARIO LIMITED	5272 PAIN COURT LINE		PAIN COURT	ON	N0P 1Z0	
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			BOWEN ISLAND	BC	V0N 1G2		
D	007760097	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			CHATHAM	ON	N7M 1G4		

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007760097	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760097	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760097	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760097	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007760097	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760097	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760097	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760097	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760097	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760097	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1	
D	007760097	" "	" "		" "		" "	" "	" "	" "	FIRST CHATHAM ENERGY LTD.	615 RICHMOND STREET		CHATHAM	ON	N5M 5K6	
D	007760097	" "	" "		" "		" "	" "	" "	" "	LAST DITCH FARMS LIMITED	4975 BRADLEY LINE		PAIN COURT	ON	N0P 1Z0	
D	007760097	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007760097	" "	" "		" "		" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1	
D	007760098	" "	" "		" "		PAIN COURT	ON	N0P 1Z1	PART LOT 4, CONCESSION 2, DOVER WEST, BEING PARTS 9, 10, 11, 12, 13 AND 14, REFERENCE PLAN 24R 10682; S/T D1318, D1355 OVER PART 12, PLAN 24R 10682; TOGETHER WITH AN EASEMENT OVER PART OF LOT 5, CONCESSION 2, DOVER WEST, BEING PARTS 6, 7 AND 8, REFERENCE PLAN 24R 10682, AND PART 21, REFERENCE PLAN 24R 10683 AS IN CK184549; TOGETHER WITH AN EASEMENT OVER PART OF LOT 5, CONCESSION 2, DOVER WEST, BEING PART 1, REFERENCE PLAN 24R 10738 AS IN CK184549; SUBJECT TO AN EASEMENT OVER PART 10, REFERENCE PLAN 24R 10682 AS IN CK179962 MUNICIPALITY CHATHAM-KENT	2812345 ONTARIO LIMITED	5272 PAIN COURT		PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007760098	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	



Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007760099	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760099	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760099	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760099	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760099	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760099	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760099	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760099	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760099	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760099	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760099	"	"		"	"	"	"	"	"				CHATHAM	ON	N7M 1G4	
D	007760099	"	"		"	"	"	"	"	"				CHATHAM	ON	N7M 1G4	
D	007760099	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760099	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760099	"	"		"	"	"	"	"	"				BOWEN ISLAND	BC	V0N 1G2	
D	007760099	"	"		"	"	"	"	"	"				BOWEN ISLAND	BC	V0N 1G2	
D	007760099	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760099	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address	
D	007760099	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760099	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1		
D	007760099	" "	" "		" "		" "	" "	" "	" "	FIRST CHATHAM ENERGY LTD.	615 RICHMOND STREET		CHATHAM	ON	N5M 5K6		
D	007760099	" "	" "		" "		" "	" "	" "	" "	LAST DITCH FARMS LIMITED	4975 BRADLEY LINE		PAIN COURT	ON	N0P 1Z0		
D	007760099	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1		
D	007760099	" "	" "		" "		" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1		
D	007760107	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		PAIN COURT	ON	N0P 1Z3	PART OF LOT 2, CONCESSION 2, DOVER WEST, BEING PARTS 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49 AND 50, REFERENCE PLAN 24R 10682; S/T EASEMENT OVER PART 36, REFERENCE PLAN 24R 10682 AS IN 213908, S/T EASEMENT OVER PART 30, REFERENCE PLAN 24R 10682 AS IN 215138; S/T EASEMENT OVER PART 48, REFERENCE PLAN 24R 10682 AS IN 265140, S/T EASE OVER PARTS 38 AND 41, REFERENCE PLAN 24R 10682 AS IN 271925; TOGETHER WITH AN EASEMENT OVER PART OF LOT 3, CONCESSION 2, DOVER WEST, BEING PART 3, REFERENCE PLAN 24R 10738 AS IN CK184562; SUBJECT TO AN EASEMENT OVER PARTS 28, 34, 44, REFERENCE PLAN 24R 10682 AS IN INSTRUMENT CK179962; CHATHAM-KENT	[REDACTED]				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "	2812345 ONTARIO LIMITED	5272 PAIN COURT		PAIN COURT	ON	N0P 1Z0		
D	007760107	" "	" "		" "		" "	" "	" "	" "	BANK OF MONTREAL	297 ERIE STREET SOUTH		LEAMINGTON	ON	N8H 3C7		
D	007760107	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760107	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760107	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760107	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760107	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760107	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		
D	007760107	" "	" "		" "		" "	" "	" "	" "	[REDACTED]			PAIN COURT	ON	N0P 1Z0		

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007760107	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007760107	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007760107	"	"		"	"	"	"	"	"	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007760107	"	"		"	"	"	"	"	"	DOMO NGL PIPELINE LTD.	240-4TH AVENUE S.W.		CALGARY	AB	T2P 4H4	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC, 1400, 607 8 AVENUE SW, CALGARY AB T2P 0A7
D	007760107	"	"		"	"	"	"	"	"	ENBRIDGE GAS INC.	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1	
D	007760107	"	"		"	"	"	"	"	"	FIRST CHATHAM ENERGY LTD.	615 RICHMOND STREET		CHATHAM	ON	N5M 5K6	
D	007760107	"	"		"	"	"	"	"	"	LAGASCO INC.	300 COMMISSIONERS ROAD WEST, UNIT D, LONDON, ON N6J 1Y4		LONDON	ON	N6J 1Y4	
D	007760107	"	"		"	"	"	"	"	"	LAST DITCH FARMS LIMITED	4975 BRADLEY LINE		PAIN COURT	ON	N0P 1Z0	
D	007760107	"	"		"	"	"	"	"	"	PLAINS MIDSTREAM CANADA ULC	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC	1400, 607 8 AVENUE SW	CALGARY	AB	T2P 0A7	
D	007760107	"	"		"	"	"	"	"	"	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007760107	"	"		"	"	"	"	"	"	UNION GAS LIMITED	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1	
D	007760107	"	"		"	"	"	"	"	"	UNION GAS LTD.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007760108						PAIN COURT	ON	N0P 1Z4	PART OF LOTS 1 AND 2, CONCESSION 2, DOVER WEST, BEING PARTS 51, 52, 53, 54, 55, 56 AND 57, REFERENCE PLAN 24R 10682; 5/7 EASEMENT OVER PART 56, REFERENCE PLAN 24R 10682 AS IN 265140; SUBJECT TO EASEMENT OVER PART 52, REFERENCE PLAN 24R 10682 AS IN CK179962; CHATHAM-KENT	2812345 ONTARIO LIMITED	5272 PAIN COURT		PAIN COURT	ON	N0P 1Z0	
D	007760108	"	"		"	"	"	"	"	"	BANK OF MONTREAL	297 ERIE STREET SOUTH		LEAMINGTON	ON	N8H 3C7	
D	007760108	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760108	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760108	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	
D	007760108	"	"		"	"	"	"	"	"				PAIN COURT	ON	N0P 1Z0	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007760108	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007760108	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007760108	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007760108	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007760108	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007760108	"	"		"	"	"	"	"	"	[REDACTED]			PAIN COURT	ON	N0P 1Z0	
D	007760108	"	"		"	"	"	"	"	"	[REDACTED]			PAIN COURT	ON	N0P 1Z0	
D	007760108	"	"		"	"	"	"	"	"	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007760108	"	"		"	"	"	"	"	"	DOME NGL PIPELINE LTD.	240-4TH AVENUE S.W.		CALGARY	AB	T2P 4H4	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC, 1400, 607 8 AVENUE SW, CALGARY AB T2P 0A7
D	007760108	"	"		"	"	"	"	"	"	ENBRIDGE GAS INC.	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1	
D	007760108	"	"		"	"	"	"	"	"	FIRST CHATHAM ENERGY LTD.	615 RICHMOND STREET		CHATHAM	ON	N5M 5K6	
D	007760108	"	"		"	"	"	"	"	"	LAGASCO INC.	300 COMMISSIONERS ROAD WEST, UNIT D, LONDON, ON N6J 1Y4		LONDON	ON	N6J 1Y4	
D	007760108	"	"		"	"	"	"	"	"	LAST DITCH FARMS LIMITED	4975 BRADLEY LINE		PAIN COURT	ON	N0P 1Z0	
D	007760108	"	"		"	"	"	"	"	"	PLAINS MIDSTREAM CANADA ULC	ATTN: MANAGER, LAND PLAINS MIDSTR	1400, 607 8 AVENUE SW	CALGARY	AB	T2P 0A7	
D	007760108	"	"		"	"	"	"	"	"	UNION GAS LIMITED	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1	
D	007760108	"	"		"	"	"	"	"	"	UNION GAS LTD.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007760109	[REDACTED]	[REDACTED]				PAIN COURT	ON	N0P 1Z5	PART OF LOT 3, CONCESSION 2, DOVER WEST, BEING PARTS 21, 22, 23, 24, 25 AND 26, REFERENCE PLAN 24R 10682; S/T EASE OVER PART 24, REFERENCE PLAN 24R 10682 AS IN 215138; SUBJECT TO AN EASEMENT OVER PART 26, REFERENCE PLAN 24R 10682 AND OVER PART 2 ON PL 24R10738 IN FAVOUR OF PART OF LOT 4, CONCESSION 2, DOVER WEST, BEING PARTS 15, 16, 17, 18, 19 AND 20, REFERENCE PLAN 24R 10682 AS IN CK184562. S/T EASEMENT OVER PART 32AR10738 IN FAVOUR OF PART LOT 2 CON 2 PARTS 27 TO 50 INCLUSIVE 24R10682. S/T EASE OVER PART 22 PLAN 24RE10682 AS IN CK179962 MUNICIPALITY CHATHAM-KENT	2812345 ONTARIO LIMITED	5272 PAIN COURT	PAIN COURT	ON	N0P 1Z0		
D	007760109	"	"		"	"	"	"	"	"	BANK OF MONTREAL	297 ERIE STREET SOUTH		LEAMINGTON	ON	N8H 3C7	
D	007760109	"	"		"	"	"	"	"	"	[REDACTED]			PAIN COURT	ON	N0P 1Z0	
D	007760109	"	"		"	"	"	"	"	"	[REDACTED]			PAIN COURT	ON	N0P 1Z0	
D	007760109	"	"		"	"	"	"	"	"	[REDACTED]			PAIN COURT	ON	N0P 1Z0	



Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007760109	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007760109	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007760109	" "	" "		" "		" "	" "	" "	" "	DOME NGL PIPELINE LTD.	240-4TH AVENUE S.W.		CALGARY	AB	T2P 4H4	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC, 1400, 607 8 AVENUE SW, CALGARY AB T2P 0A7
D	007760109	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1	
D	007760109	" "	" "		" "		" "	" "	" "	" "	FIRST CHATHAM ENERGY LTD.	615 RICHMOND STREET		CHATHAM	ON	N5M 5K6	
D	007760109	" "	" "		" "		" "	" "	" "	" "	LAGASCO INC.	300 COMMISSIONERS ROAD WEST, UNIT D, LONDON, ON N6J 1Y4		LONDON	ON	N6J 1Y4	
D	007760109	" "	" "		" "		" "	" "	" "	" "	LAST DITCH FARMS LIMITED	4975 BRADLEY LINE		PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "	PLAINS MIDSTREAM CANADA ULC	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC	1400, 607 8 AVENUE SW	CALGARY	AB	T2P 0A7	
D	007760109	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007760109	" "	" "		" "		" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1	
D	007760109	" "	" "		" "		" "	" "	" "	" "	UNION GAS LTD.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007770002			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	FIRSTLY: RDAL BTN TWP OF WEST DOVER AND TWP OF DOVER ABUTTING CON 5 & CON 6; SECONDLY: PT LT 1 CON 5 DOVER AS IN 224340; CHATHAM-KENT							
D	007770073			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	PT LT 1 CON 6 DOVER PT 1, 24R7577 S/T DQ28879 AMENDED BY 242583; CHATHAM-KENT	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007770073			" "	" "	" "	" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007770142			LAPRISE FARMS LTD.	7359 MAPLE LINE		PAIN COURT	ON	N0P 1Z5	PT LT 1 CON 6 DOVER AS IN R668352 EXCEPT PARTS 1 - 5 24R10170 & EXCEPT PARTS 1 TO 5 INCL. ON 24R10241; S/T 604871; S/T DO28895 PARTIALLY RELEASED BY 242584; S/T DO28879 PARTIALLY RELEASED BY 242583; S/T 235269, 236410 SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 7 & 8, 24R-10361 AS IN CK140361 MUNICIPALITY CHATHAM-KENT	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007770142			" "	" "		" "	" "	" "	" "	DOME NGL PIPELINE LTD.	240-4TH AVENUE S.W.		CALGARY	AB	T2P 4H4	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC, 1400, 607 8 AVENUE SW, CALGARY AB T2P 0A7
D	007770142			" "	" "		" "	" "	" "	" "	HYDRO ONE NETWORKS INC.	185 CLEGG ROAD		MARKHAM	ON	L6G 1B7	HYDRO ONE NETWORKS INC - 483 BAY STREET, 8TH FLOOR SOUTH TOWER, TORONTO, ON MSG 2P5
D	007770142			" "	" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007770143			ENBRIDGE GAS INC.	50 KEIL DR N		CHATHAM	ON	N7M 5J5	PT LOT 1, CON 6, GEOGRAPHIC TOWNSHIP OF DOVER, BEING PT 1, 24R2140, PT LOT 1, CON 6 DOVER, BEING PTS 1, 2, 3, 4, & 5, 24R10170; S/T 604871; S/T DO28895, PARTIALLY RELEASED BY 242584; S/T DO28879 PARTIALLY RELEASED BY 242583; S/T 235269, 236410 AND PT 1, 24R226, EXCEPT PT 1, 24R7577, MUNICIPALITY OF CHATHAM-KENT; PT LOT 1 CON 6, DOVER, BEING PTS 1 TO 5, 24R10241; S/T EASEMENT OVER PT 1 CON 6, BEING PT 4, 24R10241 AS IN DO28879 AND 236410; SUBJECT TO AN	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007770143			" "	" "		" "	" "	" "	" "	DOME NGL PIPELINE LTD.	240-4TH AVENUE S.W.		CALGARY	AB	T2P 4H4	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC, 1400, 6
D	007770143			" "	" "		" "	" "	" "	" "	HYDRO ONE NETWORKS INC.	185 CLEGG ROAD		MARKHAM	ON	L6G 1B7	
D	007770143			" "	" "		" "	" "	" "	" "	UNION GAS CO. OF CANADA LTD.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007770143			" "	" "		" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007820001			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	FIRSTLY: PT LT 1-6 CON 1 DOVER WEST; PT RDAL BTN CON 1 AND CON 2 DOVER WEST PT 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 & 15 D1233; SECONDLY: PT LT 5 CON 1 DOVER WEST BEING FORCED RD THROUGH AKA NEW RIVER RD; CHATHAM-KENT							
D	007820056			LAST DITCH FARMS LIMITED	4939 BRADLEY LINE		PAIN COURT	ON	N0P 1Z3	PART LOT 6 CON 1 DOVER WEST, PARTS 17,18,19 24R10681 SUBJECT TO AN EASEMENT OVER PART 18 24R10681 AS IN 226273 SUBJECT TO AN EASEMENT OVER PART 18 24R10681 AS IN D1314 MUNICIPALITY CHATHAM-KENT	2812345 ONTARIO LIMITED	5272 PAIN COURT		PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007820056			" "	" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007820056			" "	" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	



Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007820057	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820057	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820057	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820057	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820057	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007820057	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007820057	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820057	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820057	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820057	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007820057	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007820057	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820057	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820057	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820057	" "	" "		" "		" "	" "	" "	" "	FIRST CHATHAM ENERGY LTD.	615 RICHMOND STREET		CHATHAM	ON	N5M 5K6	
D	007820057	" "	" "		" "		" "	" "	" "	" "	LAST DITCH FARMS LIMITED	4975 BRADLEY LINE		PAIN COURT	ON	N0P 1Z0	
D	007820057	" "	" "		" "		" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007820058			LAST DITCH FARMS LIMITED	4939 BRADLEY LINE		PAIN COURT	ON	N0P 1Z0	PART LOT 6 CON 1 DOVER WEST CLOSED BY 248082, PARTS 20,21,22 24R10681 SUBJECT TO AN EASEMENT OVER PART 21 24R10681 AS IN 226273 MUNICIPALITY CHATHAM-KENT	2812345 ONTARIO LIMITED	5272 PAIN COURT		PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "	BRAD-LEA MEADOWS LIMITED	615 RICHMOND STREET		CHATHAM	ON	N5M 5K6	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007820058			" "	" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007820058			" "	" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "	LAST DITCH FARMS LIMITED	4975 BRADLEY LINE		PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007820058			" "	" "		" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE NORTH, P.O. BOX 2001	FILE T1804	CHATHAM	ON	N7M 5M1	
D	007820148						CHATHAM	ON	N7M 5K6	PART OF LOTS 5 AND 6, CONCESSION 1, DOVER WEST; PART OF ROAD ALLOWANCE BETWEEN CONCESSION 1 AND CONCESSION 2, DOVER WEST, CLOSED BY BY-LAW CK174012, BEING PARTS 7, 8, 10, 11, 12 AND 13, REFERENCE PLAN 24R 10681; SUBJECT TO EASEMENT OVER PART 8, REFERENCE PLAN 24R 10681 AS IN INSTRUMENT 277490; SUBJECT TO EASEMENT OVER PART 11, REFERENCE PLAN 24R 10681 AS IN INSTRUMENT D1314; SUBJECT TO EASEMENT OVER PART 12, REFERENCE PLAN 24R 10681 AS IN INSTRUMENT 217914 MUNICIPALITY CHATHAM-KENT	2812345 ONTARIO LIMITED	5272 PAIN COURT		PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "	BANK OF MONTREAL	131 KING STREET WEST		CHATHAM	ON	N7M 1E2	
D	007820148	" "	" "		" "		" "	" "	" "	" "	BANK OF MONTREAL	297 ERIE STREET SOUTH		LEAMINGTON	ON	N8H 3C7	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007820148	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007820148	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007820148	" "	" "		" "		" "	" "	" "	" "	HOME NGL PIPELINE LTD.	240-4TH AVENUE S.W.		CALGARY	AB	T2P 4H4	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC, 1400, 607 8 AVENUE SW, CALGARY AB T2P 0A7
D	007820148	" "	" "		" "		" "	" "	" "	" "	FIRST CHATHAM ENERGY LTD.	615 RICHMOND STREET		CHATHAM	ON	N5M 5K6	
D	007820148	" "	" "		" "		" "	" "	" "	" "	LAST DITCH FARMS LIMITED	4975 BRADLEY LINE		PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "	PLAINS MIDSTREAM CANADA ULC	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC	1400, 607 8 AVENUE SW	CALGARY	AB	T2P 0A7	
D	007820148	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007820148	" "	" "		" "		" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1	
D	007820149	" "	" "		" "		CHATHAM	ON	N7M 5K6	PART OF LOTS 4 AND 5, CONCESSION 1, DOVER WEST, PART OF ROAD ALLOWANCE BETWEEN CONCESSION 1 AND 2 DOVER WEST, CLOSED BY BY-LAW CK174012, BEING PARTS 1, 2, 3, 4, 5, 6 AND 9, REFERENCE PLAN 24R 10681, TOGETHER WITH 361833; SUBJECT TO EASEMENT OVER PART 2 AND 5, REFERENCE PLAN 24R 10681 AS IN INSTRUMENT 270816; SUBJECT TO EASEMENT OVER PART 9, REFERENCE PLAN 24R 10681 AS IN INSTRUMENTS 265966 & 265739; CHATHAM-KENT	2812345 ONTARIO LIMITED	5272 PAIN COURT		PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "	BANK OF MONTREAL	131 KING STREET WEST		CHATHAM	ON	N7M 1E2	
D	007820149	" "	" "		" "		" "	" "	" "	" "	BANK OF MONTREAL	297 ERIE STREET SOUTH		LEAMINGTON	ON	N8H 3C7	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007820149	" "	" "		" "		" "	" "	" "	" "	BRADLEY PRIVATE ROAD CORPORATION	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007820149	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007820149	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007820149	" "	" "		" "		" "	" "	" "	" "	HOME NGL PIPELINE LTD.	240 4TH AVENUE S.W.		CALGARY	AB	T2P 4H4	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC, 1400, 607 8 AVENUE SW, CALGARY AB T2P 0A7
D	007820149	" "	" "		" "		" "	" "	" "	" "	LAST DITCH FARMS LIMITED	4975 BRADLEY LINE		PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "	PLAINS MIDSTREAM CANADA ULC	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC	1400, 607 8 AVENUE SW	CALGARY	AB	T2P 0A7	
D	007820149	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007820149	" "	" "		" "		" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1	
D	007880043						TILBURY	ON	N0P 2L0	S 1/2 LOTS 11 & 12 CON 3 EXCEPT 199727 ; S/T 121880,01329,TE22197 TILBURY EAST	PUBLIC UTILITIES COMMISSION OF THE TOWN OF TILBURY	25 YOUNG STREET		TILBURY	ON	N0P 2L0	
D	007880043	" "	" "		" "		" "	" "	" "	" "	THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	620 UNIVERSITY AVENUE		TORONTO	ON	M5G 2C1	HYDRO ONE NETWORKS INC - 483 BAY STREET, 8TH FLOOR SOUTH TOWER, TORONTO, ON M5G 2P5
D	007880044						TILBURY	ON	N0P 2L0	N 1/2 LT 11 CON 3 T/W 127373 ; S/T 219250,239833,248942,TE22041 TILBURY EAST	HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	HYDRO ONE NETWORKS INC - 483 BAY STREET	8TH FLOOR SOUTH TOWER	TORONTO	ON	M5G 2P5	
D	007880044	" "	" "		" "		" "	" "	" "	" "				TILBURY	ON	N0P 2L0	
D	007880044	" "	" "		" "		" "	" "	" "	" "	PUBLIC UTILITIES COMMISSION OF THE TOWN OF TILBURY	25 YOUNG STREET		TILBURY	ON	N0P 2L0	
D	007880044	" "	" "		" "		" "	" "	" "	" "				TILBURY	ON	N0P 2L0	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007880044	" "	" "		" "	" "	" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007880044	" "	" "		" "	" "	" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007880063			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	ROAD ALLOWANCE BTN CONS 3 & 4, FROM THE NE LIMIT OF BAPTISTE CREEK TO THE SW LIMIT OF RD ALLOWANCE BTN LOTS 10 & 11; TILBURY EAS							
D	007890063			MINISTRY OF NORTHERN DEVELOPMENT	ALYMER DISTRICT OFFICE, ATTN: MITCH WILSON	615 JOHN ST N	ALYMER	ON	N5H 2S8	JEANETTE'S CREEK; TILBURY EAST	COCHIN PIPE LINES LTD.	P.O. BOX 200	706-7TH AVENUE S.W.	CALGARY	AB	T2P 2H8	1182 PLANK ROAD, SARNIA, ONTARIO
D	007890063	" "	" "	" "	" "	" "	" "	" "	" "	" "	UNION GAS LIMITED	UNION GAS LIMITED	50 KEIL DRIVE N	CHATHAM	ON	N7M 5M1	
D	007890070			VIA RAIL CANADA INC.	PO BOX 8116 SUCC. CENTRE		MONTREAL	QC	H3C 3N3	PT LTS 7, 8 & 9, CON 2, AS IN TE38, TE48, TE246, TE299, TE36, TE250, TE251, TE281 & TE60, S/T INTEREST, IF ANY, OF COUNTY RD # 36; TILBURY EAST DESCRIPTION AMENDED 1996/09/25 BY JANE SEIFRIED							
D	007890071			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	FIRSTLY: PT LT 1-6 CON 1 DOVER WEST; PT RDAL BTN CON 1 AND CON 2 DOVER WEST PT 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 & 15 D1233; SECONDLY: PT LT 5 CON 1 DOVER WEST BEING FORCED RD THROUGH AKA NEW RIVER RD; CHATHAM-KENT							
D	007890074						TILBURY	ON	N0P 2L0	PT LTS 8 & 9, CON 2, AS IN 133392 (FIRSTLY); S/T THE RIGHTS OF OWNERS OF ADJOINING PARCELS, IF ANY, UNDER TE20797 S/T 263034, D1319 TILBURY EAST	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007890074	" "	" "		" "	" "	" "	" "	" "	" "	DOME NGL PIPELINE LTD.	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC	1400, 607 8 AVENUE SW	CALGARY	AB	T2P 0A7	
D	007890074	" "	" "		" "	" "	" "	" "	" "	" "	PLAINS MIDSTREAM CANADA ULC	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC	1400, 607 8 AVENUE SW	CALGARY	AB	T2P 0A7	
D	007890074	" "	" "		" "	" "	" "	" "	" "	" "				TILBURY	ON	N0P 2L0	
D	007890076			PAUL DE ROSA FARMS INC.	4630 TECUMSEH LINE		CHATHAM-KENT	ON	N0P 2L0	PT LT 8, CON 2, AS IN TE20797, N OF FORBES INTERNAL DRAIN EXCEPT 133392 & TE12485; DESCRIPTION MAY NOT BE ACCEPTABLE IN FUTURE AS IN TE20797 RE: VAGUE S/T 215446, 263033 TILBURY EAST	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007890076	" "	" "	" "	" "	" "	" "	" "	" "	" "				ROSSEAU	ON	P0C 1J0	
D	007890076	" "	" "	" "	" "	" "	" "	" "	" "	" "				TILBURY	ON	N0P 2L0	
D	007890076	" "	" "	" "	" "	" "	" "	" "	" "	" "	PLAINS MIDSTREAM CANADA ULC	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC	1400, 607 8 AVENUE SW	CALGARY	AB	T2P 0A7	
D	007890076	" "	" "	" "	" "	" "	" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	007890078			MINISTRY OF NORTHERN DEVELOPMENT, MINES, NATURAL RESOURCES AND FORESTRY	ALYMER DISTRICT OFFICE, ATTN: MITCH WILSON	615 JOHN ST N	ALYMER	ON	NSH 2S8	FORBES INTERNAL DRAIN ; S/T THE RIGHTS OF OWNERS OF ADJOINING PARCELS, IF ANY, UNDER TE20797 S/T RIGHTS, IF ANY, IN 508537 TILBURY EAS	PARAGON PETROLEUM CORPORATION	555 SOUTHDALE ROAD EAST		LONDON	ON	N6E 1A2	
D	007890079						TILBURY	ON	NOP 2L0	PT LT 9, CON 2, AS IN 453188 ; S/T 217504 TILBURY EAST	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007890093						TILBURY	ON	N7M 5J7	PT LT 10, CON 2, AS IN 168754 EXCEPT FORBES INTERNAL DRAIN ; S/T 220267,241193 TILBURY EAST	SOIEX FARMS INC.	4488 MINT LINE		TILBURY	ON	NOP 2L0	
D	007890093	" "	" "				" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007890107			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	ROAD ALLOWANCE BTN CONS 2 & 3, FROM SW LIMIT OF COUTTS SIDEROAD TO THE SW LIMIT OF THE FORCED RD THROUGH LOTS 7 & 8, CON 2 ; TILBURY EAS							
D	007890109			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	TRAVELLED RD THROUGH LT 10, CON 3 FROM NW LIMIT OF LT 10, CON 3 TO THE SE LIMIT OF LT 10, CON 3 AS IN TE4819 (COUTTS SIDEROAD) ; S/T INTEREST, IF ANY, IN 304796,379937,400281,400303,409799,409984,453190,485171,535162 TILBURY EAS	E.P. ROWE OIL LIMITED	RR # 2		TILBURY	ON	NOP 2L0	
D	007890109			" "	" "	" "	" "	" "	" "	" "	FARM CREDIT CORPORATION	102-309 LEGGET DR		KANATA	ON	K2K 3A3	
D	007890109			" "	" "	" "	" "	" "	" "	" "	PEMBINA EXPLORATION LIMITED	BOX 1948, 707 8TH AVENUE S.W.		CALGARY	AB	T2P 2M7	
D	007890109			" "	" "	" "	" "	" "	" "	" "	PPC OIL & GAS CORP.	150-KENT STREET		LONDON	ON	N6A 1L3	
D	007890109			" "	" "	" "	" "	" "	" "	" "				TILBURY	ON	NOP 2L0	
D	007890109			" "	" "	" "	" "	" "	" "	" "	THE ROYAL BANK OF CANADA	85 QUEEN STREET NORTH		TILBURY	ON	NOP 2L0	
D	007890110						TILBURY	ON	NOP 2L0	NW 1/2 OF NW 1/2 OF LT 10, CON 3 EXCEPT TE4819 T/W 127373 ; S/T 239832 ; GEOGRAPHIC TOWNSHIP OF TILBURY EAST ; CHATHAM-KENT ; DESCRIPTION AMENDED 1999/03/29 BY R. PINSONNEAULT	FARM CREDIT CORPORATION	102-309 LEGGET DR		KANATA	ON	K2K 3A3	
D	007890110	" "	" "				" "	" "	" "	" "	T.C ODETTE, JR., BARRISTER, ETC.,	29 QUEEN STREET NORTH		TILBURY	ON	NOP 2L0	
D	007890110	" "	" "				" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007890146						TILBURY	ON	N7M 5J7	PART OF LOTS 7, 8, & 9 CON 2; PART OF ROAD ALLOWANCE BETWEEN CON 1 & 2 AS CLOSED BY BY-LAW # 519483 (TILBURY EAST), DESIGNATED AS PARTS 1 - 16, PARTS 19 TO 22 & PART 24, 24R8416; SUBJECT TO AN EASEMENT IN GROSS IN FAVOUR OF UNION GAS LIMITED OVER PART OF LOTS 7 AND 8, CON. 2, TILBURY EAST DESIGNATED AS PARTS 5 & 13, 24R8416 AS IN 226984; SUBJECT TO A RIGHT OF WAY IN GROSS OVER PART OF LOTS 7 & 8 CON. 2, TILBURY EAST DESIGNATED AS PARTS 7 & 15,	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007890146	" "	" "				" "	" "	" "	" "	DOMO NGL PIPELINE LTD.	240-4TH AVENUE S.W.		CALGARY	AB	T2P 4H4	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC, 1400, 607 8 AVENUE SW, CALGARY AB T2P 0A7

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D	007890146	" "	" "		" "		" "	" "	" "	" "	JEANNETTE'S CREEK GUN CLUB	4753 TECUMSEH LINE		CHATHAM	ON	N0P 2L0	
D	007890146	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N0P 2L0	
D	007890146	" "	" "		" "		" "	" "	" "	" "	PLAINS MIDSTREAM CANADA ULC	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC, 1400	607 8 AVENUE SW	CALGARY	AB	T2P 0A7	
D	007890146	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007890172						TILBURY	ON	N0P 2L0	PART LOT 7, CONCESSION 1 (TILBURY EAST) DESIGNATED AS PTS. 1 & 2, 24R6925 S/T EASEMENT AS IN 213972 OVER PT. 1, 24R169 IN FAVOUR OF UNION GAS COMPANY OF CANADA LIMITED ; S/T EASEMENT AS IN 223772 OVER PT. 2, 24R169 IN FAVOUR OF UNION GAS COMPANY OF CANADA LIMITED ; S/T EASEMENT AS IN TE20024 OVER PT. 2, 24R6925 IN FAVOUR OF THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO ; CHATHAM-KENT	HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	HYDRO ONE NETWORKS INC - 483 BAY STREET	8TH FLOOR SOUTH TOWER	TORONTO	ON	M5G 2P5	
D	007890172	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007890208	DAVID ALEXANDER	BAUTE		7372 GRAND RIVER LINE		TILBURY	ON	N7M 5J7	PART LOT 9, CONCESSION 2, AS IN 212977, EXCEPT PART 1, PLAN 24R10135; S/T 219123, 263815 MUNICIPALITY CHATHAM-KENT	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007890208	" "	" "		" "		" "	" "	" "	" "	DOME NGL PIPELINE LTD.	240-4TH AVENUE S.W.		CALGARY	AB	T2P 4H4	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC, 1400, 607 8 AVENUE SW, CALGARY AB T2P 0A7
D	007890208	" "	" "		" "		" "	" "	" "	" "	PLAINS MIDSTREAM CANADA ULC	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC, 1400	607 8 AVENUE SW	CALGARY	AB	T2P 0A7	
D	007890208	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007900071						TILBURY	ON	N0P 2L0	PT LT 6, CON 1, AS IN 462577 T/W 115706 ; S/T LIFE INTEREST IN 462577 S/T 214297,263607,D1368 TILBURY EAST				COMBER	ON	N0P 1J0	
D	007900071	" "	" "		" "		" "	" "	" "	" "	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007900071	" "	" "		" "		" "	" "	" "	" "	DOME NGL PIPELINE LTD.	240-4TH AVENUE S.W.		CALGARY	AB	T2P 4H4	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC, 1400, 607 8 AVENUE SW, CALGARY AB T2P 0A7
D	007900071	" "	" "		" "		" "	" "	" "	" "	PLAINS MIDSTREAM CANADA ULC	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC	1400, 607 8 AVENUE SW	CALGARY	AB	T2P 0A7	
D	007900071	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007900072						TILBURY	ON	N0P 2L0	PT LTS 5 & 6, CON 1, AS IN 190096 ; S/T 214296,265740 TILBURY EAST	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	

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D	007900072	" "	" "		" "		" "	" "	" "	" "	DOMESTIC PIPELINE LTD.	240-4TH AVENUE S.W.		CALGARY	AB	T2P 4H4	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC, 1400, 607 8 AVENUE SW, CALGARY AB T2P 0A7
D	007900072	" "	" "		" "		" "	" "	" "	" "	PLAINS MIDSTREAM CANADA ULC	ATTN: MANAGER, LAND PLAINS MIDSTREAM CANADA ULC	1400, 607 8 AVENUE SW	CALGARY	AB	T2P 0A7	
D	007900072	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007900077			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	RD BTN LTS 6 & 7, CON 1, (FRONT) & CON 2 FROM THE NW LIMIT OF THE RD ALLOWANCE BETWEEN CONS 2 & 3 TO THE SE LIMIT OF THE THAMES RIVER; TILBURY EAS							
D	008080075			1808331 ONTARIO INC.	23606 WHEATLEY ROAD, RR 3		TILBURY	ON	N0P 2L0	PT LT 28, SOUTH MIDDLE RD (TILBURY EAST), DESIGNATED AS PTS 1 TO 4 PL 24R9484, S/T EASEMENT OVER PT 2 PL 24R9484 AS IN 217502 MUNICIPALITY CHATHAM-KENT	BROOKFIELD POWER WIND CORPORATION	480 BOULEVARD DE LA CITE		GATINEAU	QC	J8T 8R3	
D	008080075	" "	" "	" "	" "		" "	" "	" "	" "	BROOKFIELD POWER WIND CORPORATION AND 2184014 ONTARIO LIMITED BEING PARTNERS OF COMBER WIND GENERAL PARTNERSHIP, GENERAL PARTNER, THE FIRM NAME OF THE LIMITED PARTNERSHIP IS COMBER WIND LIMITED PARTNERSHIP	480 BOULEVARD DE LA CITE		GATINEAU	QC	J8T 8R3	
D	008080075	" "	" "	" "	" "		" "	" "	" "	" "	[REDACTED]			TILBURY	ON	N0P 2L0	
D	008080075	" "	" "	" "	" "		" "	" "	" "	" "	THE CORPORATION OF THE TOWN OF LAKESHORE	C/O 25 YOUNG STREET	BOX 178	TILBURY	ON	N0P 2L0	419 NOTRE DAME STREET, BELLE RIVER, ON NOR 1A0, ATTN: ENGINEERING AND INFRASTRUCTURE SERVICES
D	008080075	" "	" "	" "	" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080075	" "	" "	" "	" "		" "	" "	" "	" "	VICTOR WIND HOLDING CORPORATION	480 BOULEVARD DE LA CITE	ATTN: GENERAL COUNSEL	GATINEAU	QC	J8T 8R3	
D	008080078	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		TILBURY	ON	N0P 2L0	PT LT 27, SOUTH MIDDLE RD (TILBURY EAST) AS IN 490518 S/T 216966, TE24194 TILBURY	FARM CREDIT CANADA	SUITE 200, 1133 ST. GEORGE BLVD.	CUSTOMER NO. 100143413	MONCTON	NB	E1E 4E1	
D	008080078	" "	" "	" "	" "		" "	" "	" "	" "	THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	HYDRO ONE NETWORKS INC - 483 BAY STREET	8TH FLOOR SOUTH TOWER	TORONTO	ON	M5G 2P5	
D	008080078	" "	" "	" "	" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080080	JUDITH	VERTZ		RR 3, 123 QUEEN ST N, PO BOX 601		TILBURY	ON	N0P 2L0	PT LT 27, SOUTH MIDDLE RD (TILBURY EAST) AS IN 539686 EXCEPT D1302, S/T 539686 S/T 217503, TE24018 TILBURY	THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	620 UNIVERSITY AVENUE		TORONTO	ON	M5G 2C1	HYDRO ONE NETWORKS INC - 483 BAY STREET, 8TH FLOOR SOUTH TOWER, TORONTO, ON M5G 2P5
D	008080080	" "	" "	" "	" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080082	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		TILBURY	ON	N0P 2L0	PT LTS 26 & 27, SOUTH MIDDLE RD (TILBURY EAST) AS IN 453083 EXCEPT D1302 "DESCRIPTION IN 453083 MAY NOT BE ACCEPTABLE IN FUTURE" S/T 217501, TE24297 TILBUR	FAIRLADY ENERGY INC.	195 DUFFERIN AVENUE, SUITE 601		LONDON	ON	N6A 1K7	

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D	008080082	" "	" "	" "	" "	" "	" "	" "	" "	" "	THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	620 UNIVERSITY AVENUE		TORONTO	ON	M5G 2C1	HYDRO ONE NETWORKS INC - 483 BAY STREET, 8TH FLOOR SOUTH TOWER, TORONTO, ON M5G 2P5
D	008080082	" "	" "	" "	" "	" "	" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080083	" "	" "	" "	" "	" "	WHEATLEY	ON	N0P 2L0	PT LT 27, SOUTH MIDDLE RD (TILBURY EAST) AS IN 447959 S/T 217501 ; SUBJECT TO AN EASEMENT IN GROSS AS IN CK63460 MUNICIPALITY CHATHAM-KENT	KENT CENTRE WIND FARM INC.	PIER 1, BAY 3		SAN FRANCISCO	CA	94111	119 SPADINA AVE, SUITE 502, TORONTO, ON M5V 2L1, CANADA
D	008080083	" "	" "	" "	" "	" "	" "	" "	" "	" "	NATIONAL BANK OF CANADA	LOAN STRUCTURING & SYNDICATION-CREDIT CAPITAL MARKETM	1155 METCALFE STREET, 23RD FLOOR	MONTREAL	QC	H3B 4S9	
D	008080083	" "	" "	" "	" "	" "	" "	" "	" "	" "	ROYAL BANK OF CANADA	ROYFARM MORTGAGE CENTRE	36 YORK MILLS ROAD, 4TH FLOOR	TORONTO	ON	M2P 0A4	
D	008080083	" "	" "	" "	" "	" "	" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080084	" "	" "	" "	" "	" "	TILBURY	ON	N0P 2L0	PT LT 26, SOUTH MIDDLE RD (TILBURY EAST) AS IN TE24776 S/T 216992 TILBUR	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080085	" "	" "	" "	" "	" "	TILBURY	ON	N0P 2L0	PT LT 25, SOUTH MIDDLE RD (TILBURY EAST) AS IN 538378. S/T 250096. DESCRIPTION AMENDED BY ELIZABETH WRIGHT ON 31/08/94. TILBURY	CANADIAN IMPERIAL BANK OF COMMERCE	4 QUEEN STREET NORTH		TILBURY	ON	N0P 2L0	
D	008080085	" "	" "	" "	" "	" "	" "	" "	" "	" "				TILBURY	ON	N0P 2L0	
D	008080085	" "	" "	" "	" "	" "	" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE NORTH, P.O. BOX 2001		CHATHAM	ON	N7M 5M1	
D	008080086	" "	" "	" "	" "	" "	CHATHAM	ON	N7L 5P7	PT LT 25, SOUTH MIDDLE RD (TILBURY EAST) W OF FOSTER RD AS IN 469041 "DESCRIPTION IN 469041 MAY NOT BE ACCEPTABLE IN FUTURE" TILBURY EAST				TILBURY	ON	N0P 2L0	
D	008080088	" "	" "	538654 ONTARIO INC.	11 LEE AVE PO BOX 1770		TILBURY	ON	N0P 2L0	PT LTS 25 & 26, SOUTH MIDDLE RD (TILBURY EAST) S OF HEPC AND E OF FOSTER RD AS IN 470678 EXCEPT UNION GAS EASEMENT THEREIN. T/W 470678 "DESCRIPTION IN 470678 MAY NOT BE ACCEPTABLE IN FUTURE" TILBURY EAST SUBJECT TO AN EASEMENT IN GROSS AS IN CK60447	KENT CENTRE WIND FARM INC.	PIER 1, BAY 3		SAN FRANCISCO	CA	94111	119 SPADINA AVE, SUITE 502, TORONTO, ON M5V 2L1, CANADA
D	008080088	" "	" "	" "	" "	" "	" "	" "	" "	" "	NATIONAL BANK OF CANADA	LOAN STRUCTURING & SYNDICATION-CREDIT CAPITAL MARKET	1155 METCALFE STREET, 23RD FLOOR	MONTREAL	QC	H3B 4S9	
D	008080088	" "	" "	" "	" "	" "	" "	" "	" "	" "				TILBURY	ON	N0P 2L0	
D	008080088	" "	" "	" "	" "	" "	" "	" "	" "	" "	UNION GAS	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080089	" "	" "	" "	" "	" "	CHATHAM	ON	N7L 5P7	PT LT 25, SOUTH MIDDLE RD (TILBURY EAST) W OF FOSTER RD AS IN 469041 "DESCRIPTION IN 469041 MAY NOT BE ACCEPTABLE IN FUTURE" TILBURY EAST				TILBURY	ON	N0P 2L0	

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D	008080094			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	THE E'LY 1/2 OF THE RD ALLOWANCE BETWEEN KENT & ESSEX COUNTIES FROM THE S'LY LIMIT OF KING'S HWY 98 TO THE S'LY LIMIT OF THE RD ALLOWANCE AT THE REAR OF SOUTH MIDDLE RD, PT OF LT 28, SOUTH MIDDLE RD FROM THE S'LY LIMIT OF KING'S HWY 98 TO THE N'LY LIMIT OF THE RD ALLOWANCE AT THE REAR OF SOUTH MIDDLE RD AS IN D1058 TILBURY	THE CORPORATION OF THE MUNICIPALITY OF CHATHAM-KENT	315 KING STREET WEST	P.O. BOX 640	CHATHAM	ON	N7M 5K8		
D	008080095			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	FORCED ROAD THROUGH LTS 25 & 26, SOUTH MIDDLE RD FROM THE S'LY LIMIT OF KING'S HWY 98 TO THE N'LY LIMIT OF THE RD ALLOWANCE AT THE REAR OF SOUTH MIDDLE RD AS IN TE8875 (FOSTER RD) "DESCRIPTION IN TE8875 MAY NOT BE ACCEPTABLE IN THE FUTURE" TILBURY								
D	008090027						TILBURY	ON	N0P 2L0	PT LT 14, CON 4, (TILBURY EAST) AS IN 78115 LYING S OF THE HYDRO ELECTRIC POWER COMMISSION LANDS S/T D1323 S/T 121880, 129419 TILBURY EAST				TILBURY	ON	N0P 2L0		
D	008090027	" "	" "		" "		" "	" "	" "	" "	PUBLIC UTILITIES COMMISSION OF THE TOWN OF TILBURY	25 YOUNG STREET		TILBURY	ON	N0P 2L0		
D	008090027	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1		
D	008090030						TILBURY	ON	N0P 2L0	PT LT 13, CON 4, (TILBURY EAST) AS IN 358837 LYING S OF THE HYDRO ELECTRIC POWER COMMISSION LANDS ; S/T THE RIGHTS OF OWNERS OF ADJOINING PARCELS, IF ANY, UNDER T124589, S/T 226284 ; CHATHAM-KENT ; DESCRIPTION AMENDED 2002/02/18 BY R. PINSONNEAULT, REMOVED S/T LIFE INTEREST IN 358837								
D	008090030	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1		
D	008090031						TILBURY	ON	N0P 2L0	PT LT 13, CON 4, (TILBURY EAST) AS IN 358837 LYING N OF THE RAILWAY S/T D1321 & D1322 S/T 121880 TILBURY EAST	PUBLIC UTILITIES COMMISSION OF THE TOWN OF TILBURY	29 QUEEN STREET NORTH		TILBURY	ON	N0P 2L0		
D	008090031	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1		
D	008090032						TILBURY	ON	N0P 2L0	PT LT 12, CON 4, (TILBURY EAST) AS IN 80299 S/T 127373 & D1320 TILBURY EAST	PUBLIC UTILITIES COMMISSION OF THE TOWN OF TILBURY	25 YOUNG STREET		TILBURY	ON	N0P 2L0		
D	008090032	" "	" "		" "		" "	" "	" "	" "				TILBURY	ON	N0P 2L0		
D	008090032	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N0P 2L0		
D	008090032	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1		
D	008090080						BELLE RIVER	ON	N0R 1A0	PT LT 14, CON 4 (TILBURY EAST), PT 21, 24R827 S/T 132143 TILBURY EAS				TILBURY	ON	N0P 2L0		
D	008090081			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	RD ALLOWANCE BETWEEN CONS 4 & 5 AS CLOSED BY BYLAWS 519480 & 519482 TILBURY EAS								
D	008090104						BELLE RIVER	ON	N0R 1A0	PT LT 15, CON 5 (TILBURY EAST) AS IN 148801 TILBURY EAST								

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D	008090105			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	RD ALLOWANCE BETWEEN THE NORTH MIDDLE RD CON AND CON 5 (TILBURY EAST) LYING EAST OF THE ROAD ALLOWANCE BETWEEN LOTS 24 & 25, NMR AND WEST O F HWY. NO. 2 AS SHOWN ON D1313 ; CHATHAM-KENT DESCRIPTION AMENDED 1999/06/16 BY JANE SEIFRIE							
D	008090106						BELLE RIVER	ON	N0R 1A0	PT LT 14, CON 5 (TILBURY EAST) AS IN 250567 (FIRSTLY) ; PT LT 14, CON 5 (TILBURY EAST), PTS 18,19,20,24R827 S/T 172908 TILBURY EAST	HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	HYDRO ONE NETWORKS INC - 483 BAY STREET	8TH FLOOR SOUTH TOWER	TORONTO	ON	MSG 2P5	
D	008090106	" "	" "		" "		" "	" "	" "	" "				MERLIN	ON	N0P 1W0	
D	008090106	" "	" "		" "		" "	" "	" "	" "	MINISTER OF HIGHWAYS FOR THE PROVINCE OF ONTARIO	335 SASKATOON STREET		LONDON	ON	N5W 4R3	
D	008090136			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	PT LT 14, CON 4 (TILBURY EAST) AS IN D596 & D675 (INDUSTRIAL PARK RD) TILBURY EAS	HIS MAJESTY THE KING IN THE RIGHT OF THE PROVINCE OF ONTARIO AS REPRESENTED BY THE MINISTER OF HIGHWAYS	MINISTRY OF TRANSPORTATION, EXETER ROAD COMPLEX	659 EXETER ROAD	LONDON	ON	N6E 1L3	
D	008090139			CANADIAN PACIFIC RAILWAY COMPANY	ATTN: JACK CARELLO	1290 CENTRAL PARKWAY	MISSISSAUGA	ON	L5C 4R3	PT LT 13 & 14, CON 4 (TILBURY EAST) AS IN TE4389, TE4387, TE4392 & TE4388 (RAILROAD) TILBURY EAS							
D	008090140			HYDRO ONE NETWORKS INC.	ATTN: MEGHAN DI COSIMO	185 CLEGG ROAD	MARKHAM	ON	L6G 1B7	PT LT 13, CON 4 (TILBURY EAST) AS IN TE15168 & PT LT 14, CON 4 (TILBURY EAST) AS IN TE14954 TILBURY EAS							
D	008090140			" "	" "	" "	" "	" "	" "	" "							
D	008090146			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	RD ALLOWANCE BETWEEN LTS 12 & 13, CON 4 (TILBURY EAST) FROM THE S LIMIT OF THE RD ALLOWANCE BETWEEN CONS 3 & 4 (TILBURY EAST) TO THE N LIMIT OF THE PART OF THE RD ALLOWANCE BETWEEN LTS 12 & 13, CON 4 (TILBURY EAST) AS CLOSED BY BY LAW 519480 & 519483 TILBURY EAST							
D	008090149			MINISTRY OF TRANSPORTATION	EXETER ROAD COMPLEX, ATTN: MUSHIR SHAIKH	659 EXETER ROAD	LONDON	ON	N6E 1L3	TRAVELLED RD THROUGH PT LTS 1, 12, 13 & 14, CON 5, (TILBURY EAST) AND PT LTS 14, 15, 16 & 17, CON 4 (TILBURY EAST) AND LT 32, PLAN 791 AND RD ALLOWANCE BETWEEN KENT AND ESSEX COUNTIES AND RD ALLOWANCE BETWEEN LTS 14 & 15, CON 4, (TILBURY EAST) AND RD ALLOWANCE BETWEEN LTS 13 & 13, CON 5 (TILBURY EAST), PTS 1 & 13, 24R827 (KING'S HIGHWAY # 401) "DESCRIPTION IN 277692 MAY NOT BE ACCEPTABLE IN FUTURE" TILBURY EAST				WALLACEBURG	ON	N8A 4T4	
D	008090155			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	RD ALLOWANCE LYING N OF MIDDLE RD CON AND S OF CONS 5, 6 & 7, TILBURY EAST FROM THE E LIMIT OF ST. PERE ST, PLAN 249 TO THE W LIMIT OF THE RD ALLOWANCE BETWEEN LTS 10 & 11, CON 7, TILBURY EAST MUNICIPALITY CHATHAM-KENT							
D	008090159			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	FORCED RD THROUGH LTS 14 & 15, CON 5 AND FORCED ROAD THROUGH LOT 25, CON. NMR AND PT. OF ROAD ALLOWANCE BETWEEN LOTS 24 & 25, CON. NMR FROM THE SOUTH LIMIT OF THE ROAD ALLOWANCE BETWEEN CONS 4 & 5 (TILBURY EAST) TO THE N LIMIT OF KING'S HIGHWAY # 2 AS SHOWN ON D1313 ; CHATHAM-KENT DESCRIPTION AMENDED 1999/06/16 BY JANE SEIFRIED							
D	008090160			MINISTRY OF TRANSPORTATION	EXETER ROAD COMPLEX, ATTN: MUSHIR SHAIKH	659 EXETER ROAD	LONDON	ON	N6E 1L3	TRAVELLED RD THROUGH LTS 13 & 14, PLAN 246 & MILL ST, PLAN 246 & LTS 16 & 17, CON 4 (TILBURY EAST) & LTS 11, 12, 13, 14, 15 & 16, CON 5 (TILBURY EAST) & PT LT 11, CON 6 (TILBURY EAST) & THE RD ALLOWANCE BETWEEN CONS 4 & 5, (TILBURY EAST) & THE RD ALLOWANCE BETWEEN CON 5 (TILBURY EAST) & NORTH MIDDLE RD & THE RD ALLOWANCE BETWEEN CONS 5 & 6 (TILBURY EAST) & THE RD ALLOWANCE BETWEEN LTS 12 & 13, CON 5 (TILBURY EAST) AS IN D133, D397, D765, D567, D601, D701, D640, D648 & PTS 1, 2, 3 & 4, 24R3270 FROM THE W LIMIT OF STATION ST PL 246 TO THE E LIMIT OF PT 2, D1313 (KING'S HIGHWAY #2) TILBURY EAST	HIS MAJESTY THE KING IN THE RIGHT OF THE PROVINCE OF ONTARIO AS REPRESENTED BY THE MINISTER OF HIGHWAYS	MINISTRY OF TRANSPORTATION, EXETER ROAD COMPLEX, 659 EXETER ROAD	ATTN: MUSHIR SHAIKH	LONDON	ON	N6E 1L3	
D	008090166						MERLIN	ON	N0P 1W0	PT LOTS 13 & 14, CON 4, TILBURY EAST AS IN 139857, 144721 & TE24589 EXCEPT D1032 & PT 1, 24R4988 ; S/T TE22740, TE22743, 132143, D1324 MUNICIPALITY CHATHAM-KENT				TILBURY	ON	N0P 2L0	
D	008090166	" "	" "		" "		" "	" "	" "	" "				TILBURY	ON	N0P 2L0	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	008090166	" "	" "		" "		" "	" "	" "	" "				TILBURY	ON	N0P 2L0	
D	008090166	" "	" "		" "		" "	" "	" "	" "	LAKE ST. CLAIR GASFIELDS LIMITED	25 KING ST W		TORONTO	ON	MSL 2A1	
D	008090166	" "	" "		" "		" "	" "	" "	" "	MINISTER OF HIGHWAYS FOR THE PROVINCE OF ONTARIO	335 SASKATOON STREET		LONDON	ON	N5W 4R3	
D	008090166	" "	" "		" "		" "	" "	" "	" "	PUBLIC UTILITIES COMMISSION OF THE TOWN OF TILBURY	25 YOUNG STREET		TILBURY	ON	N0P 2L0	
D	008090166	" "	" "		" "		" "	" "	" "	" "				TILBURY	ON	N0P 2L0	
D	008090166	" "	" "		" "		" "	" "	" "	" "	THE BELL TELEPHONE COMPANY OF CANADA	BELL CANADA LAW DEPARTMENT, 483 BAY ST.	BELL TRINITY SQUARE, 9TH FLOOR, S	TORONTO	ON	M5G 2C9	
D	008090166	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008090424			ENTEGRUS TRANSMISSION INC.	320 QUEEN ST PO BOX 70		CHATHAM	ON	N7M 5K2	PART OF LOTS 13 & 14, CONCESSION 5, PART OF LOT 24, NORTH MIDDLE ROAD AND PART OF THE ROAD ALLOWANCE IN REAR OF NORTH MIDDLE ROAD, GEOGRAPHIC TOWNSHIP OF TILBURY EAST (CLOSED BY TE6928), DESIGNATED AS PARTS 1, 2 & 3, 24R9781; SUBJECT TO EASEMENT OVER PART 2, 24R9781 AS IN CK94203 SUBJECT TO AN EASEMENT AS IN CK94203 MUNICIPALITY CHATHAM-KENT							
D	008120001						TILBURY	ON	N0P 2L0	N 1/2 LT 24, NORTH MIDDLE ROAD EXCEPT TE21216 & RAILWAY & TE11739; TILBURY EAST							
D	008120002						TILBURY	ON	N0P 2L0	S 1/2 LT 24, NORTH MIDDLE ROAD EXCEPT D1302; TILBURY EAS				TILBURY	ON	N0P 2L0	
D	008120002	" "	" "		" "		" "	" "	" "	" "				TILBURY	ON	N0P 2L0	
D	008120002	" "	" "		" "		" "	" "	" "	" "				TILBURY	ON	N0P 2L0	
D	008120043						TILBURY	ON	N0P 2L0	N 1/2 LT 24, SOUTH MIDDLE ROAD LYING N OF HYDRO-ELECTRIC POWER COMMISSION EXCEPT D1302 T/W 259382; TILBURY EAS	FARM CREDIT CORPORATION	102-309 LEGGET DR		KANATA	ON	N0P 2L0	
D	008120043	" "	" "		" "		" "	" "	" "	" "				TILBURY	ON	N0P 2L0	
D	008120043	" "	" "		" "		" "	" "	" "	" "				TILBURY	ON	N0P 2L0	
D	008120043	" "	" "		" "		" "	" "	" "	" "				TILBURY	ON	N0P 2L0	

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D	008120043	" "	" "	" "	" "	" "	" "	" "	" "	" "	[REDACTED]			TILBURY	ON	N0P 2L0	
D	008120044	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	TILBURY	ON	N0P 2L0	N 1/2 LT 24, SOUTH MIDDLE ROAD LYING S OF HYDRO-ELECTRIC POWER COMMISSION T/W 259382; TILBURY EAS	FARM CREDIT CORPORATION	102-309 LEGGET DR		KANATA	ON	K2K 3A3	
D	008120044	" "	" "	" "	" "	" "	" "	" "	" "	" "	[REDACTED]			TILBURY	ON	N0P 2L0	
D	008120044	" "	" "	" "	" "	" "	" "	" "	" "	" "	[REDACTED]			TILBURY	ON	N0P 2L0	
D	008120044	" "	" "	" "	" "	" "	" "	" "	" "	" "	[REDACTED]			TILBURY	ON	N0P 2L0	
D	008120044	" "	" "	" "	" "	" "	" "	" "	" "	" "	[REDACTED]			TILBURY	ON	N0P 2L0	
D	008120046	" "	" "	MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	ROAD ALLOWANCE BTN LOTS 24 & 25, CON NORTH MIDDLE ROAD, FROM THE SE LIMIT OF THE TRAVELLED ROAD THROUGH LT 24, NORTH MIDDLE ROAD TO THE NW LIMIT OF COUNTY RD # 8 (KING'S HWY # 98) (MIDDLE ROAD); PT LT 25, CON NORTH MIDDLE ROAD, PART 1, 24R3204; S/T 218702 TILBURY EAST	SOUTH KENT WIND GP INC.	C/O PATTERN RENEWABLE HOLDINGS CANADA ULC	100 SIMCOE STREET, SUITE 105	TORONTO	ON	MSR 3C4	
D	008120046	" "	" "	" "	" "	" "	" "	" "	" "	" "	SOUTH KENT WIND GP INC.	C/O SAMSUNG RENEWABLE ENERGY INC.	119 SPADINA AVE, SUITE 502	TORONTO	ON	MSV 2L1	
D	008120046	" "	" "	" "	" "	" "	" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008120047	" "	" "	MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	ROAD ALLOWANCE BTN LOTS 24 & 25, CON SOUTH MIDDLE ROAD, FROM THE SE LIMIT OF COUNTY RD # 8 (KING'S HWY # 98) (MIDDLE ROAD) TO THE NW LIMIT OF THE RD ALLOWANCE IN REAR OF SOUTH MIDDLE ROAD; TILBURY EAST	SOUTH KENT WIND GP INC.	C/O PATTERN RENEWABLE HOLDINGS CANADA ULC	100 SIMCOE STREET, SUITE 105	TORONTO	ON	MSR 3C4	
D	008120047	" "	" "	" "	" "	" "	" "	" "	" "	" "	SOUTH KENT WIND GP INC.	C/O SAMSUNG RENEWABLE ENERGY INC.	119 SPADINA AVE, SUITE 502	TORONTO	ON	MSV 2L1	
D	008120048	" "	" "	MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT ENGINEERING AND TRANSPORTATION DIVISION	315 KING ST W	CHATHAM	ON	N7M 5K8	RD ALLOWANCE BTN CON SOUTH MIDDLE ROAD & CON NORTH MIDDLE ROAD FROM THE SW LIMIT OF THE RD ALLOWANCE BTN LOTS 18 & 19, SOUTH MIDDLE ROAD CON TO THE SW LIMIT OF THE RD ALLOWANCE BTN LOTS 24 & 25, SOUTH MIDDLE ROAD AS WIDENED.; PT LOTS 19, 20, 21, 22, 23 & 24, CON SOUTH MIDDLE ROAD & CON NORTH MIDDLE ROAD AS IN D161, D210, D310, D324 & D326 COUNTY RD # 8 (KING'S HWY # 98) (MIDDLE RD); TILBURY EAST	SOUTH KENT WIND GP INC.	C/O PATTERN RENEWABLE HOLDINGS CANADA ULC	100 SIMCOE STREET, SUITE 105	TORONTO	ON	MSR 3C4	
D	008120048	" "	" "	" "	" "	" "	" "	" "	" "	" "	SOUTH KENT WIND GP INC.	C/O SAMSUNG RENEWABLE ENERGY INC.	119 SPADINA AVE, SUITE 502	TORONTO	ON	MSV 2L1	
D	008120050	" "	" "	HYDRO ONE NETWORKS INC.	ATTN: MEGHAN DI COSIMO	185 CLEGG ROAD	MARKHAM	ON	L6G 1B7	PT LOTS 23 & 24, CON SOUTH MIDDLE ROAD, PARTS 6, 7 & 8, 24R493, PARTS 1, 2, 3 & 4, 24R494 (THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO) S/T 259382 & 257406; TILBURY EAS	[REDACTED]						
D	008120050	" "	" "	" "	" "	" "	" "	" "	" "	" "	[REDACTED]						
D	008120052	" "	" "	538654 ONTARIO INC.	11 LEE AVE PO BOX 1770		TILBURY	ON	N0P 2L0	S HALF LOT 24, SMR, TILBURY EAST, SAVE & EXCEPT PT 1, 24R5310; PT LOT 23 SMR, TILBURY EAST AS IN 540877; SUBJECT TO AN EASEMENT IN GROSS AS IN CK64981 MUNICIPALITY CHATHAM-KENT	[REDACTED]			SAN FRANCISCO	CA	94111	119 SPADINA AVE, SUITE 502, TORONTO, ON M5V 2L1, CANADA

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D	008120052			" "	" "	" "	" "	" "	" "	" "	NATIONAL BANK OF CANADA	LOAN STRUCTURING & SYNDICATION- CREDIT CAPITAL MARKET	1155 METCALFE STREET, 23RD FLOOR	MONTREAL	QC	H3B 4S9	
D	008120052			" "	" "	" "	" "	" "	" "	" "				TILBURY	ON	N0P 2L0	
D	750780013			COUNTY OF ESSEX	ATTN: INFRASTRUCTURE SERVICES DEPARTMENT	360 FAIRVIEW AVE W	ESSEX	ON	N8M 1Y6	RDAL BTN TOWNSHIP OF TILBURY EAST & TILBURY NORTH TILBURY; PT LT 22 CON 6 TILBURY PT 1, 12R2734; PT N1/2 LT 22 CON SMR TILBURY; PT S1/2 LT 22 CON SMR TILBURY AS IN R317626 AKA COUNTY RD 1, TOWNSHIP RD, & QUEEN ST, BTN COUNTY RD 46 & 7TH CONCESSION RD, LAKESHORE	HER MAJESTY THE QUEEEN IN THE RIGHT OF THE PROVINCE OF ONTARIO AS REPRESENTED BY THE MINISTER OF TRANSPORTATION AND COMMUNICATIONS	MINISTRY OF TRANSPORTATION, EXETER	ATTN: MUSHIR SHAIKH	LONDON	ON	N6E 1L3	
D	750780013			" "	" "	" "	" "	" "	" "	" "	HIS MAJESTY THE KING IN THE RIGHT OF THE PROVINCE OF ONTARIO AS REPRESENTED BY THE MINISTER OF HIGHWAYS	MINISTRY OF TRANSPORTATION, EXETER ROAD COMPLEX, 659 EXETER ROAD	ATTN: MUSHIR SHAIKH	LONDON	ON	N6E 1L3	
D	750780037			TILBURY GOLF CLUB LIMITED	20425 MIDDLE RD		LAKESHORE	ON	N0P 2L0	PT N1/2 LT 20 CON SMR TILBURY PT 1 RD196; PT LT 19 CON SMR TILBURY PT 1, 2 12R10166; PT S1/2 LT 20 CON SMR TILBURY AS IN R1128799 S/T R1095792; S/T R476319, R476698; LAKESHORE	A.T.C. HOLDINGS INC	518 VICTORIA AVENUE		WINDSOR	ON	N9A 4M8	
D	750780037			" "	" "	" "	" "	" "	" "	" "	CARMGAR LIMITED	423 PELISSIER STREET		WINDSOR	ON	N9A 4L2	
D	750780037			" "	" "	" "	" "	" "	" "	" "	MIDDLE ROAD FARMS LIMITED	R.R. #3		TILBURY	ON	N0P 2L0	19325 COUNTY RD 46, PO BOX 178, TILBURY, ON N0P 2L0
D	750780037			" "	" "	" "	" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	750780050			COUREY CORPORATION	16 QUEEN ST S, PO BOX 178		TILBURY	ON	N0P 2L0	PT LT 19 CON SMR TILBURY; PT S1/2 LT 20 CON SMR TILBURY AS IN R684355; LAKESHORE	2167308 ONTARIO INC. GENERAL PARTNER OF LIMITED PARTNERSHIP IS RICHARDSON WIND FARM LIMITED PARTNERSHIP	4950 YONGE STREET	SUITE 2200	TORONTO	ON	M2N 6K1	
D	750780050			" "	" "	" "	" "	" "	" "	" "	BORALEX WIND ENERGY 2 INC.	770 SHERBROOKE STREET WEST		MONTREAL	QC	H3A 1G1	
D	750780050			" "	" "	" "	" "	" "	" "	" "	BORALEX WIND ENERGY 2 INC., AS A GENERAL PARTNER FOR AND ON BEHALF OF RICHARDSON WIND FARM LIMITED PARTNERSHIP	770 SHERBROOKE STREET WEST		MONTREAL	QC	H3A 1G1	
D	750780050			" "	" "	" "	" "	" "	" "	" "	ENERCON CANADA INC.	1000 RUE DE LA GAUCHETIERE OUEST	SUITE 2310	MONTREAL	QC	H3B 4W5	
D	750780050			" "	" "	" "	" "	" "	" "	" "	GENGROWTH RENEWABLES INC	110 CUMBERLAND STREET	SUITE 338	TORONTO	ON	M5R 3V5	
D	750780050			" "	" "	" "	" "	" "	" "	" "	THE CORPORATION OF THE TOWN OF LAKESHORE	419 NOTRE DAME STREET	ATTN: ENGINEERING AND INFRASTRU	BELLE RIVER	ON	N0R 1A0	
D	750780050			" "	" "	" "	" "	" "	" "	" "	THE MANUFACTURERS LIFE INSURANCE COMPANY	200 BLOOR STREET EAST\	NORTH TOWER, 4TH FLOOR	TORONTO	ON	M4W 1E5	
D	750780053						TILBURY	ON	N0P 2L0	PT LT 21 CON SMR TILBURY; PT S1/2 LT 20 CON SMR TILBURY AS IN R967996 EXCEPT R471337; S/T R472864 TOWN OF LAKESHORE	CANADIAN IMPERIAL BANK OF COMMERCE	P.O. BOX 115, COMMERCE COURT POSTAL STATION		TORONTO	ON	M5L 1E5	

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D	750780053	" "	" "	" "	" "	" "	" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	750780054	" "	" "	" "	" "	" "	TILBURY	ON	N0P 2L0	PT LT 21 CON SMR TILBURY AS IN R1295831; S/T EXECUTION 01-00979, IF ENFORCEABLE; S/T EXECUTION 99-01955, IF ENFORCEABLE; S/T EXECUTION 99-02118, IF ENFORCEABLE; LAKESHORE	2184016 ONTARIO LIMITED	480, BOULEVARD DE LA CITE		GATINEAU	QC	J8T 8R3	
D	750780054	" "	" "	" "	" "	" "	" "	" "	" "	" "	BNY TRUST COMPANY OF CANADA	SUITE 1101, 4 KING STREET WEST		TORONTO	ON	M5H 1B6	
D	750780054	" "	" "	" "	" "	" "	" "	" "	" "	" "	BROOKFIELD POWER WIND CORPORATION	480, BOULEVARD DE LA CITE		GATINEAU	QC	J8T 8R3	
D	750780054	" "	" "	" "	" "	" "	" "	" "	" "	" "	COMBER WIND LIMITED PARTNERSHIP	480, BOULEVARD DE LA CITE		GATINEAU	QC	J8T 8R3	
D	750780054	" "	" "	" "	" "	" "	" "	" "	" "	" "	COMBER WIND LIMITED PARTNERSHIP BY ITS GENERAL PARTNER COMBER WIND GENERAL PARTNERSHIP, ITS PARTNERS BEING BROOKFIELD BRP CANADA CORP. AND 2184014 ONTARIO LIMITED	480, BOULEVARD DE LA CITE		GATINEAU	QC	J8T 8R3	
D	750780061	" "	" "	" "	" "	" "	TILBURY	ON	N0P 2L0	PT LT 21 CON SMR TILBURY; PT N1/2 LT 22 CON SMR TILBURY AS IN R912683 EXCEPT R471337; S/T R476696, R476697; LAKESHORE	2184016 ONTARIO LIMITED	480, BOULEVARD DE LA CITE		GATINEAU	QC	J8T 8R3	
D	750780061	" "	" "	" "	" "	" "	" "	" "	" "	" "	BNY TRUST COMPANY OF CANADA	SUITE 1101, 4 KING STREET WEST		TORONTO	ON	M5H 1B6	
D	750780061	" "	" "	" "	" "	" "	" "	" "	" "	" "	BROOKFIELD POWER WIND CORPORATION	480, BOULEVARD DE LA CITE		GATINEAU	QC	J8T 8R3	
D	750780061	" "	" "	" "	" "	" "	" "	" "	" "	" "	CIT FINANCIAL LTD.	207 QUEENS QUAY WEST, SUITE 700		TORONTO	ON	M5J 1A7	
D	750780061	" "	" "	" "	" "	" "	" "	" "	" "	" "	COMBER WIND LIMITED PARTNERSHIP	480, BOULEVARD DE LA CITE		GATINEAU	QC	J8T 8R3	
D	750780061	" "	" "	" "	" "	" "	" "	" "	" "	" "	COMBER WIND LIMITED PARTNERSHIP BY ITS GENERAL PARTNER COMBER WIND GENERAL PARTNERSHIP, ITS PARTNERS BEING BROOKFIELD BRP CANADA CORP. AND 2184014 ONTARIO LIMITED	480, BOULEVARD DE LA CITE		GATINEAU	QC	J8T 8R3	
D	750780061	" "	" "	" "	" "	" "	" "	" "	" "	" "	GENESIS SOLAR ENERGY INC.	1200 - 8 KING STREET EAST		TORONTO	ON	M5C 1B5	
D	750780061	" "	" "	" "	" "	" "	" "	" "	" "	" "	NATIONAL BANK OF CANADA	500 PLACE D'ARMES	TRANSIT 5495-1	MONTREAL	QC	H2Y 2W3	
D	750780061	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	TILBURY	ON	N0P 2L0	
D	750780061	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	TORONTO	ON	M4G 1X7	

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D	750780061	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	750780071			MIDDLE ROAD FARMS LIMITED	19325 COUNTY RD 46, PO BOX 178		TILBURY	ON	N0P 2L0	PT LT 19 CON SMR TILBURY AS IN R371750 (SECONDLY, THIRDLY) & PT 3 PL 12R24636; EXCEPT PT 1 PL 12R4062, R471337, PTS 1 & 2 PL 12R10166 & PTS 4 & 5 PL 12R24636; TOGETHER WITH AN EASEMENT AS IN R1095792 FOR THE BENEFIT OF PT LT 19 CON SMR TILBURY AS IN R371750 (SECONDLY, THIRDLY) EXCEPT PT 1 PL 12R4062, R471337, PTS 1 & 2 PL 12R10166 & PTS 4 & 5 PL 12R24636; SUBJECT TO AN EASEMENT AS IN R476319; TOGETHER WITH AN EASEMENT OVER PTS 2, 4 & 5 PL 12R24636 AS IN CE498430 TOWN OF LAKESHORE	2167308 ONTARIO INC. GENERAL PARTNER OF LIMITED PARTNERSHIP IS RICHARDSON WIND FARM LIMITED PARTNERSHIP	4950 YONGE STREET	SUITE 2200	TORONTO	ON	M2N 6K1	
D	750780071			" "	" "		" "	" "	" "	" "	BORALEX WIND ENERGY 2 INC.	770 SHERBROOKE STREET WEST		MONTREAL	QC	H3A 1G1	
D	750780071			" "	" "		" "	" "	" "	" "	BORALEX WIND ENERGY 2 INC., AS A GENERAL PARTNER FOR AND ON BEHALF OF RICHARDSON WIND FARM LIMITED PARTNERSHIP	770 SHERBROOKE STREET WEST		MONTREAL	QC	H3A 1G1	
D	750780071			" "	" "		" "	" "	" "	" "	ENERCON CANADA INC.	1000 RUE DE LA GAUCHETIERE OUEST	SUITE 2310	MONTREAL	QC	H3B 4W5	
D	750780071			" "	" "		" "	" "	" "	" "	GENGROWTH RENEWABLES INC.	110 CUMBERLAND STREET	SUITE 338	TORONTO	ON	M5R 3V5	
D	750780071			" "	" "		" "	" "	" "	" "	MIDDLE ROAD FARMS LIMITED	19325 COUNTY ROAD 46	P.O. BOX 178	TILBURY	ON	N0P 2L0	
D	750780071			" "	" "		" "	" "	" "	" "	RAM PETROLEUMS LIMITED	SUITE 918, 130 ADELAIDE ST. W.		TORONTO	ON	M5H 3P5	
D	750780071			" "	" "		" "	" "	" "	" "	THE CORPORATION OF THE TOWN OF LAKESHORE	419 NOTRE DAME STREET	ATTN: ENGINEERING AND INFRASTRU	BELLE RIVER	ON	N0R 1A0	
D	750780071			" "	" "		" "	" "	" "	" "	THE MANUFACTURERS LIFE INSURANCE COMPANY	200 BLOOR STREET EAST	NORTH TOWER, 4TH FLOOR	TORONTO	ON	M4W 1E5	
D	750780071			" "	" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	750780073						SOUTH WOODSLEE	ON	N0R 1V0	PART S1/2 LOT 20 CON SMR TILBURY AS IN TN10294 EXCEPT R1128799 & PART 1 PL 12R25018 TOWN OF LAKESHORE	FARM CREDIT CANADA	SUITE 200 - 1133 ST. GEORGE BOULEVARD		MONCTON	NB	E1E 4E1	
D	750780073	" "	" "		" "		" "	" "	" "	" "	THE CORPORATION OF THE TOWN OF LAKESHORE	ATTN: ENGINEERING AND INFRASTRUCTURE SERVICES	419 NOTRE DAME STREET	BELLE RIVER	ON	N0R 1A0	
D	750780075						TILBURY	ON	N0P 2L0	PART N1/2 LOT 22 CON SMR TILBURY AS IN R534831 SAVE & EXCEPT PART 1 PL 12R25042; S/T R476320, R476696 TOWN OF LAKESHORE							
D	750780075	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	

Directly Affected (D) Indirectly Affected (I)	PIN	First Name	Last Name	Company Name	Address Line 1	Address Line 2	City	Province	Postal Code	Property Description	Mortgage, Lien/Lease/Encumbrances	Address Line 1	Address Line 2	City	Province	Postal Code	Possible Alternate Address
D	750780078			PAUL DE ROSA FARMS INC.	4630 TECUMSEH LINE		CHATHAM-KENT	ON	N0P 2L0	PT S1/2 LT 22 CON SMR TILBURY AS IN R244641 EXCEPT PART 1 PLAN 12R25887 TOWN OF LAKESHORE	BANK OF MONTREAL	3 QUEEN STREET NORTH		TILBURY	ON	N0P 2L0	
D	750780078			" "	" "		" "	" "	" "	" "	CAISSE POPULAIRE SUD-OUEST ONTARIO INC.	637 NIAGARA STREET		WELLAND	ON	L3C 1L9	
D	750780078			" "	" "		" "	" "	" "	" "	THE CORPORATION OF THE TOWN OF LAKESHORE	ATTN: ENGINEERING AND INFRASTRUCTURE SERVICES	419 NOTRE DAME STREET	BELLE RIVER	ON	N0R 1A0	

## PIPELINE EASEMENT

(hereinafter called the "Easement")

Between [ ]  
(hereinafter called the "Transferor")  
and  
**ENBRIDGE GAS INC.**  
(hereinafter called the "Transferee")

This is an Easement in Gross.

WHEREAS the Transferor is the owner in fee simple of those lands and premises more particularly described as:

**PIN:** [ ]

**Legal Description:** [ ]

(hereinafter called the "Transferor's Lands").

The Transferor does hereby GRANT, CONVEY, TRANSFER AND CONFIRM unto the Transferee, its successors and assigns, to be used and enjoyed as appurtenant to all or any part of the lands, the right, liberty, privilege and easement on, over, in, under and/or through a strip of the Transferor's Lands more particularly described as:

**BEING PIN/PART OF THE PIN:** [ ]

**Legal Description:** [ ]

(hereinafter called the "Lands") to survey, lay, construct, maintain, brush, clear trees and vegetation, inspect, patrol, alter, remove, replace, reconstruct, repair, move, keep, use and/or operate one pipeline for the transmission of Pipeline quality natural gas as defined in The Ontario Energy Board Act S.O. 1998 (hereinafter called the "Pipeline") including therewith all such buried attachments, equipment and appliances for cathodic protection which the Transferee may deem necessary or convenient thereto, together with the right of ingress and egress at any and all times over and upon the Lands for its servants, agents, employees, those engaged in its business, contractors and subcontractors on foot and/or with vehicles, supplies, machinery and equipment for all purposes necessary or incidental to the exercise and enjoyment of the rights, liberty, privileges and easement hereby granted. The Parties hereto mutually covenant and agree each with the other as follows:

1. In Consideration of the sum of [ ] 00/100 Dollars (\$) (hereinafter called the "Consideration"), which sum is payment in full for the rights and interest hereby granted and for the rights and interest, if any, acquired by the Transferee by expropriation, including in either or both cases payment in full for all such matters as injurious affection to remaining lands and the effect, if any, of registration on title of this document and where applicable, of the expropriation documents, subject to Clause 12 hereof to be paid by the Transferee to the Transferor within 90 days from the date of these presents or prior to the exercise by the Transferee of any of its rights hereunder other than the right to survey (whichever may be the earlier date), the rights, privileges and easement hereby granted shall continue in perpetuity or until the Transferee, with the express written consent of the Transferor, shall execute and deliver a surrender thereof. Prior to such surrender, the Transferee shall remove all debris as may have resulted from the Transferee's use of the Lands from the Lands and in all respects restore the Lands to its previous productivity and fertility so far as is reasonably possible, save and except for items in respect of which compensation is due under Clause 2, hereof. As part of the Transferee's obligation to restore the Lands upon surrender of its easement, the Transferee agrees at the option of the Transferor to remove the Pipeline from the Lands. The Transferee and the Transferor shall surrender the Easement and the Transferee shall remove the Pipeline at the Transferor's option where the Pipeline has been abandoned. The Pipeline shall be deemed to be abandoned where: (a) corrosion protection is no longer applied to the Pipeline, or, (b) the Pipeline becomes unfit for service in accordance with Ontario standards. The Transferee shall, within 60 days of either of these events occurring, provide the Transferor with notice of the event.

Upon removal of the Pipeline and restoration of the Lands as required by this agreement, the Transferor shall release the Transferee from further obligations in respect of restoration.

2. The Transferee shall make to the Transferor (or the person or persons entitled thereto) due compensation for any damages to the Lands resulting from the exercise of any of the rights herein granted, and if the compensation is not agreed upon by the Transferee and the Transferor, it shall be determined by arbitration in the manner prescribed by the Expropriations Act, R.S.O. 1990, Chapter E-26 or any Act passed in amendment thereof or substitution therefore. Any gates, fences and tile drains curbs, gutters, asphalt paving, lock stone, patio tiles interfered with by the Transferee shall be restored by the Transferee at its expense as closely as reasonably possible to the condition and function in which they existed immediately prior to such interference by the Transferee and in the case of tile drains, such restoration shall be performed in accordance with good drainage practice and applicable government regulations.
3. The Pipeline (including attachments, equipment and appliances for cathodic protection but excluding valves, take-offs and fencing installed under Clause 9 hereof) shall be laid to such a depth that upon completion of installation it will not obstruct the natural surface run-off from the Lands nor ordinary cultivation of the Lands nor any tile drainage system existing in the Lands at the time of installation of the Pipeline nor any planned tile drainage system to be laid in the Lands in accordance with standard drainage practice, if the Transferee is given at least thirty (30) days' notice of such planned system prior to the installation of the Pipeline. The Transferee agrees to make reasonable efforts to accommodate the planning and installation of future tile drainage systems following installation of the Pipeline so as not to obstruct or interfere with such tile installation. In the event there is a change in the use of all, or a portion of the Transferor Lands adjacent to the Lands which results in the pipeline no longer being in compliance with the pipeline design class location requirements, then the Transferee shall be responsible for any costs associated with any changes to the Pipeline required to ensure compliance with the class location requirements.
4. As soon as reasonably possible after the construction of the Pipeline, the Transferee shall level the Lands and unless otherwise agreed to by the Transferor, shall remove all debris as may have resulted from the Transferee's use of the Lands therefrom and in all respects restore the Lands to its previous productivity and fertility so far as is reasonably possible, save and except for items in respect of which compensation is due under Clause 2 hereof.
5. It is further agreed that the Transferee shall assume all liability and obligations for any and all loss, damage or injury, (including death) to persons or property that would not have happened but for this Easement or anything done or maintained by the Transferee hereunder or intended so to be and the Transferee shall at all times indemnify and save harmless the Transferor from and against all such loss, damage or injury and all actions, suits, proceedings, costs, charges, damages, expenses, claims or demands arising therefrom or connected therewith provided that the Transferee shall not be liable under the clause to the extent to which such loss, damage or injury is caused or contributed to by the negligence or wilful misconduct of the Transferor.
6. In the event that the Transferee fails to comply with any of the requirements set out in Clauses 2, 3, or 4 hereof within a reasonable time of the receipt of notice in writing from the Transferor setting forth the failure complained of, the Transferee shall compensate the Transferor (or the person or persons entitled thereto) for any damage, if any, necessarily resulting from such failure and the reasonable costs if any, incurred in the recovery of those damages.
7. Except in case of emergency, the Transferee shall not enter upon any of the Transferor's Lands, other than the Lands, without the consent of the Transferor. In case of emergency the right of entry upon the Transferor's Lands for ingress and egress to and from the Lands is hereby granted. The determination of what circumstances constitute an emergency, for purposes of this paragraph is within the absolute discretion of the Transferee, but is a situation in which the Transferee has a need to access the Pipeline in the public interest without notice to the Transferor, subject to the provisions of Clause 2 herein. The Transferee will, within 72 hours of entry upon such lands, advise the Transferor of the said emergency circumstances and thereafter provide a written report to Transferor with respect to the resolution of the emergency situation The Transferee shall restore the lands of the Transferor at its expense as closely as reasonably practicable to the condition in which

they existed immediately prior to such interference by the Transferee and in the case of tile drains, such restoration shall be performed in accordance with good drainage practice.

8. The Transferor shall have the right to fully use and enjoy the Lands except for planting trees over the lesser of the Lands or a six (6) meter strip centered over the Pipeline, and except as may be necessary for any of the purposes hereby granted to the Transferee, provided that the Transferor shall not excavate, drill, install, erect or permit to be excavated, drilled, installed or erected in, on, over or through the Lands any pit, well, foundation, building, mobile homes or other structure or installation and the Transferor shall not deposit or store any flammable material, solid or liquid spoil, refuse, waste or effluent on the Lands. Notwithstanding the foregoing the Transferee upon request shall consent to the Transferor erecting or repairing fences, hedges, pavement, lockstone constructing or repairing tile drains and domestic sewer pipes, water pipes, and utility pipes and constructing or repairing lanes, roads, driveways, pathways, and walks across, on and in the Lands or any portion or portions thereof, provided that before commencing any of the work referred to in this sentence the Transferor shall (a) give the Transferee at least (30) clear days' notice in writing describing the work desired so as to enable the Transferee to evaluate and comment on the work proposed and to have a representative inspect the site and/or be present at any time or times during the performance of the work, (b) shall follow the instructions of such representative as to the performance of such work without damage to the Pipeline, (c) shall exercise a high degree of care in carrying out any such work and, (d) shall perform any such work in such a manner as not to endanger or damage the Pipeline as may be required by the Transferee.
9. The rights, privileges and easement herein granted shall include the right to install, keep, use, operate, service, maintain, repair, remove and/or replace in, on and above the Lands any valves and/or take-offs subject to additional agreements and to fence in such valves and/or take-offs and to keep same fenced in, but for this right the Transferee shall pay to the Transferor (or the person or persons entitled thereto) such additional compensation as may be agreed upon and in default of agreement as may be settled by arbitration under the provisions of The Ontario Energy Board Act, S.O. 1998, or any Act passed in amendment thereof or substitution therefore. The Transferee shall keep down weeds on any lands removed from cultivation by reason of locating any valves and/or take-offs in the Lands.
10. Notwithstanding any rule of law or equity and even though the Pipeline and its appurtenances may become annexed or affixed to the realty, title thereto shall nevertheless remain in the Transferee.
11. Neither this Agreement nor anything herein contained nor anything done hereunder shall affect or prejudice the Transferee's rights to acquire the Lands or any other portion or portions of the Transferor's lands under the provisions of The Ontario Energy Board Act, S.O. 1998, or any other laws, which rights the Transferee may exercise at its discretion in the event of the Transferor being unable or unwilling for any reason to perform this Agreement or give to the Transferee a clear and unencumbered title to the easement herein granted.
12. The Transferor covenants that he has the right to convey this Easement notwithstanding any act on his part, that he will execute such further assurances of this Easement as may be requisite and which the Transferee may at its expense prepare and that the Transferee, performing and observing the covenants and conditions on its part to be performed, shall have quiet possession and enjoyment of the rights, privileges and easement hereby granted. If it shall appear that at the date hereof the Transferor is not the sole owner of the Lands, this Easement shall nevertheless bind the Transferor to the full extent of his interest therein and shall also extend to any after-acquired interest, but all moneys payable hereunder shall be paid to the Transferor only in the proportion that his interest in the Lands bears to the entire interest therein.
13. In the event that the Transferee fails to pay the Consideration as hereinbefore provided, the Transferor shall have the right to declare this Easement cancelled after the expiration of 15 days from personal service upon the Lands Department of the Transferee at its Executive Head Office in Chatham, Ontario, (or at such other point in Ontario as the Transferee may from time to time specify by notice in writing to the Transferor) of notice in writing of such default, unless during such 15 day period the Transferee shall pay the Consideration; upon failing to pay as aforesaid, the Transferee shall forthwith after the expiration of 15 days from the service of such notice execute

and deliver to the Transferor at the expense of the Transferee, a valid and registrable release and discharge of this Easement.

14. All payments under these presents may be made either in cash or by cheque of the Transferee and may be made to the Transferor (or person or persons entitled thereto) either personally or by mail. All notices and mail sent pursuant to these presents shall be addressed to:

the Transferor at: | |

and to the Transferee at: Enbridge Gas Inc.  
P.O. Box 2001  
50 Keil Drive North  
Chatham, Ontario N7M 5M1  
Attention: Lands Department

or to such other address in either case as the Transferor or the Transferee respectively may from time to time appoint in writing.

15. The rights, privileges and easement hereby granted are and shall be of the same force and effect as a covenant running with the Transferor's Land and this Easement, including all the covenants and conditions herein contained, shall extend to, be binding upon and inure to the benefit of the heirs, executors, administrators, successors and assigns of the Parties hereto respectively; and, wherever the singular or masculine is used it shall, where necessary, be construed as if the plural, or feminine or neuter had been used, as the case may be.
16. (a) The Transferee represents that it is registered for the purposes of the Harmonized Goods and Services Tax (hereinafter called "HST") in accordance with the applicable provisions in that regard and pursuant to the Excise Tax Act, (R.S.C., 1985, c. E-15), (hereinafter called "Excise Tax Act"), as amended.
- (b) The Transferee shall undertake to self-assess the HST payable in respect of this transaction pursuant to subparagraphs 221(2) and 228(4) of the Excise Tax Act, and to remit and file a return in respect of HST owing as required under the said Act for the reporting period in which the HST in this transaction became payable.
- (c) The Transferee shall indemnify and save harmless the Transferor from and against any and all claims, liabilities, penalties, interest, costs and other legal expenses incurred, directly or indirectly, in connection with the assessment of HST payable in respect of the transaction contemplated by this Easement. The Transferee's obligations under this Clause shall survive this Easement.
17. The Transferor hereby acknowledges that this Easement will be registered electronically.
18. Transferee hereby declares that this easement is being acquired by Transferee for the purpose of a hydrocarbon line within the meaning of Part VI of the Ontario Energy Board Act, 1998 and/or a utility line within the meaning of the Ontario Energy Board Act, 1998.

Dated this \_\_\_\_ day of \_\_\_\_\_ 20\_\_.

\_\_\_\_\_  
Signature (Transferor)

\_\_\_\_\_  
Print Name(s) (and position held if applicable)

\_\_\_\_\_  
Address (Transferor)

\_\_\_\_\_  
Signature (Transferor)

\_\_\_\_\_  
Print Name(s) (and position held if applicable)

\_\_\_\_\_  
Address (Transferor)

**ENBRIDGE GAS INC.**

---

Signature (Transferee)

, Choose an item.

---

Name & Title (Enbridge Gas Inc.)

I have authority to bind the Corporation.

---

519-436-4673

Telephone Number (Enbridge Gas Inc.)

**Additional Information: (if applicable):**

Property Address:

HST Registration Number:

## TEMPORARY LAND USE AGREEMENT

(hereinafter called the "Agreement")

Between

(hereinafter called the "Owner")

and

**ENBRIDGE GAS INC.**

(hereinafter called the "Company")

In consideration of the sum of \_\_\_\_\_XX/100 Dollars (\$ \_\_\_\_\_), payable by the Company to the Owner within thirty (30) days of signing of this Agreement in accordance with the Compensation labelled as **Appendix "D"** hereto.

the Owner of **PIN**:

**Legal Description:** labelled as **Appendix "B"** hereto, hereby grants to the Company, its servants, agents, employees, contractors and sub-contractors and those engaged in its and their business, the right on foot and/or with vehicles, supplies, machinery and equipment at any time and from time to time during the term of this Agreement to enter upon, use and occupy a parcel of land (hereinafter called the "Lands") more particularly described on the Sketch attached hereto labelled as Appendix "A" and forming part of this Agreement, the Lands being immediately adjacent to and abutting the Choose an item. for any purpose incidental to, or that the Company may require in conjunction with, the construction by or on behalf of the Company of a proposed Choose an item. and appurtenances on the Lands including, without limiting the generality of the foregoing, the right to make temporary openings in any fence (if applicable) along or across the Lands and to remove any other object therein or thereon interfering with the free and full enjoyment of the right hereby granted and further including the right of surveying and placing, storing, levelling and removing earth, dirt, fill, stone, debris of all kinds, pipe, supplies, equipment, vehicles and machinery and of movement of vehicles, machinery and equipment of all kinds.

1. This Agreement is granted upon the following understandings:

- a) The rights hereby granted terminate on the \_\_\_\_ day of \_\_\_\_, 20\_\_.
- b) The Company shall make to the person entitled thereto due compensation for any damages resulting from the exercise of the right hereby granted and if the compensation is not agreed upon it shall be determined in the manner prescribed by Section 100 of The Ontario Energy Board Act, R.S.O. 1998 S.O. 1998, c.15 Schedule B, as amended or any Act passed in amendment thereof or substitution there for;
- c) As soon as reasonably possible after the construction, the Company at its own expense will level the Lands, remove all debris therefrom and in all respects, restore the Lands to their former state so far as is reasonably possible, save and except for items in respect of which compensation is due under paragraph (b) and the Company will also restore any gates and fences interfered with around, (*if applicable*) the Lands as closely and as reasonably possible to the condition in which they existed immediately prior to such interference by the Company.
- d) It is further agreed that the Company shall assume all liability and obligations for any and all loss, damage or injury, (including death) to persons or property that would not have happened but for this Agreement or anything done or maintained by the Company hereunder or intended so to be and the Company shall at all times indemnify and save harmless the Owner from and against all such loss, damage or injury and all actions, suits, proceedings, costs, charges, damages, expenses, claims or demands arising therefrom or connected therewith provided that the Company shall not be liable under the Clause to the extent to which such loss, damage or injury is caused or contributed to by the negligence or wilful misconduct of the Owner.

The Company and the Owner agree to perform the covenants on its part herein contained.

Dated this \_\_\_\_ day of \_\_\_\_\_ 20\_\_.

**[Insert name of individual or corporation]**

\_\_\_\_\_  
Signature (Owner)

\_\_\_\_\_  
Print Name(s) (and position held if applicable)  
Choose an item

\_\_\_\_\_  
Address (Owner)

\_\_\_\_\_  
Signature (Owner)

\_\_\_\_\_  
Print Name(s) (and position held if applicable)  
Choose an item.

\_\_\_\_\_  
Address (Owner)

**ENBRIDGE GAS INC.**

\_\_\_\_\_  
Signature (Company)  
, Choose an item.

\_\_\_\_\_  
Name & Title (Enbridge Gas Inc.)  
I have authority to bind the Corporation.

\_\_\_\_\_  
519-436-4673  
Telephone Number (Enbridge Gas Inc.)

**Additional Information: (if applicable):**

Property Address:

HST Registration Number: |

## INDIGENOUS<sup>1</sup> CONSULTATION

1. Enbridge Gas is committed to developing and implementing processes that support meaningful engagement with potentially affected Indigenous groups (First Nations and Métis). Through these processes, Enbridge Gas works to build an understanding of project related interests, ensure regulatory requirements are met, mitigate or avoid project-related impacts on Indigenous interests including rights, and provide mutually beneficial opportunities where possible.
2. This Exhibit is organized as follows:
  - A. Introduction
  - B. Indigenous Engagement Program Objectives
  - C. Overview of Indigenous Engagement Program Activities
  - D. Ongoing Indigenous Engagement Activities
- A. Introduction
3. Pursuant to the OEB's Guidelines, Enbridge Gas provided the Ontario Ministry of Energy ("MOE") with a description of the Project to determine if there are any duty to consult requirements. This correspondence, dated June 29, 2021, is set out in Attachment 1 to this Exhibit.
4. Enbridge Gas received a letter ("Delegation Letter") from the MOE dated August 6, 2021, indicating that there are duty to consult requirements in relation to the Project and that the MOE had delegated the procedural aspects of its duty to Enbridge Gas for the Project. The Delegation Letter identified six Indigenous communities to be consulted in relation to the Project. Additionally, in an email

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<sup>1</sup> Enbridge Gas has used the terms "Aboriginal" and "Indigenous" interchangeably in its application. "Indigenous" has the meaning assigned by the definition "aboriginal peoples of Canada" in subsection 35(2) of the *Constitution Act, 1982*.

dated August 6, 2021, the MOE advised that Enbridge Gas was to engage with Delaware Nation as a best practice based on proximity. A copy of the Delegation Letter is provided in Attachment 2 to this Exhibit.

5. On April 20, 2022, Enbridge Gas provided an updated description of the Project to the MOE reflecting refinements made to the design and preferred route of the Project since the June 29, 2021 letter noted above. This updated Project Description is provided in Attachment 3 to this Exhibit. The MOE responded to Enbridge Gas indicating that no changes are necessary to the direction provided in the Delegation Letter as a result of the refinements to the Project description.
6. The Indigenous Consultation Report (“ICR”) was provided to the MOE on the date of this filing. The MOE will review Enbridge Gas’s consultation with Indigenous groups potentially affected by the Project and provide its decision as to whether Enbridge Gas’ consultation has been sufficient. Upon receipt of the MOE’s decision regarding the sufficiency of Indigenous consultation on the Project, Enbridge Gas will file it with the OEB. The sufficiency letter provided by the MOE will be included as Attachment 4 to this Exhibit.

B. Indigenous Engagement Program Objectives

7. The design of the Indigenous engagement program was based on adherence to the OEB’s Guidelines and Enbridge Inc.’s company-wide *Indigenous Peoples Policy* (“Policy”) (set out in Attachment 5 to this Exhibit). The Policy lays out key principles for establishing relationships with Indigenous groups, including 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.

8. Enbridge Gas strives 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, including potential impacts and benefits. Enbridge Gas aligns its interests with those of Indigenous communities through meaningful, direct Indigenous economic activity in projects corresponding to community capacity and project needs, where possible.
9. The Indigenous engagement program for the Project recognizes the rights of Indigenous groups and assists Enbridge Gas in engaging in meaningful dialogue with potentially affected Indigenous groups to address any Project-related concerns and interests. It also assists Enbridge Gas in meeting the procedural aspects of consultation that may be required by the Crown and the OEB's Guidelines.

C. Overview of Indigenous Engagement Program Activities

10. Enbridge Gas conducts its Indigenous engagement generally through phone calls, in-person meetings, project mail-outs, open houses, and email communications. During these engagement activities, Enbridge Gas representatives provide an overview of the Project, respond to questions and concerns, and address any interests or concerns expressed by Indigenous communities to appropriately avoid or mitigate any Project-related impacts on Aboriginal or treaty rights. Capacity funding is offered to ensure there are reasonable resources for Indigenous communities to meaningfully participate in consultation. In addition, Enbridge Gas discusses with Indigenous communities options to accommodate any potential adverse effects the Project may have on Aboriginal or treaty rights. In order to accurately document Indigenous engagement activities and ensure follow-up by either the Crown or Enbridge Gas, applicable supporting documents are tracked using a database.

D. Ongoing Indigenous Engagement Activities

11. Enbridge Gas will continue to actively engage all identified Indigenous groups in meaningful ongoing dialogue concerning the Project and endeavor to meet with each Indigenous group, provided they are willing, for the purpose of exchanging information regarding the Project and to respond to inquiries in a timely manner. Enbridge Gas will hear and address concerns as is feasible and seek information on the exercise of, and potential impacts to, Aboriginal or treaty rights, traditional use in the Project area and how any potential Project-related impacts can be mitigated. During ongoing engagement activities, Enbridge Gas engages with the Crown to ensure they are kept apprised of rights assertions by communities.
  
12. Attachment 6 to this Exhibit contains a summary of Enbridge Gas's Indigenous engagement activities for the Project. Attachment 7 to this Exhibit contains the ICR and associated attachments for the Project.
  
13. The information presented in the Attachment 6 and Attachment 7 reflects Enbridge Gas's Indigenous engagement activities for the Project up to and including June 7, 2022; however, Enbridge Gas will continue to engage throughout the life of the Project to ensure any impacts on Aboriginal or treaty rights are addressed, as appropriate.



**Adam Stiers**  
Manager Regulatory Applications  
Leave to Construct  
Regulatory Affairs

Tel: (519) 436-4558  
Email: [adam.stiers@enbridge.com](mailto:adam.stiers@enbridge.com)

**Enbridge Gas Inc.**  
P.O. Box 2001  
50 Keil Drive N.  
Chatham, Ontario, N7M 5M1  
Canada

June 29, 2021

**VIA EMAIL – dan.delaquis@ontario.ca**

Ministry of Energy, Northern Development and Mines  
Dan Delaquis  
Manager, Indigenous Energy Policy  
Unit 77 Grenville St.  
6<sup>th</sup> Floor  
Toronto, ON  
M7A 1B3

Dear Mr. Delaquis:

**Re: Panhandle Regional Expansion Project Summary**

The *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7<sup>th</sup> Edition 2016* (the "Guidelines") issued by the Ontario Energy Board ("OEB") indicate that a project applicant shall provide the Ministry of Energy, Northern Development and Mines ("MENDM") with a description of projects in the planning process, such that the MENDM can determine if there are any Duty to Consult requirements.

The purpose of this letter is to inform the MENDM that Enbridge Gas Inc. ("Enbridge Gas") is planning to construct new natural gas pipeline facilities to increase the capacity of the Panhandle Transmission System which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent, in order to accommodate additional demand for affordable and reliable natural gas, including from the fast-growing greenhouse sector in the Kingsville, Leamington, and Wheatley areas. While Enbridge Gas is continuing to evaluate alternatives, the Panhandle Regional Expansion Project (the "Project"), is anticipated to include:

- (i) Approximately 35 kilometers of up to nominal pipe size ("NPS") 42 inch diameter natural gas pipeline reinforcement, running from the Enbridge Gas Dover Transmission Station westward towards the City of Windsor;
- (ii) Up to NPS 16 inch diameter transmission laterals/interconnects tied into the Panhandle Transmission System at locations between Enbridge Gas's Dover Transmission Station westward towards the City of Windsor; and
- (iii) Measurement and pipeline connection facilities within Enbridge Gas's Dawn Storage Facility in the Township of Dawn-Euphemia.

The Project will require Enbridge Gas to file a leave to construct application with the OEB. Enbridge Gas is therefore contacting the MENDM to determine whether the Project triggers any Duty to Consult and, if so, to acquire a list of Indigenous communities that have or may have constitutionally protected Aboriginal or Treaty rights that could be adversely impacted by the proposed Project.

Attachment 1 contains a description of the Project's characteristics and its general location for the MENDM's review and to assist it with its determination as to whether it will delegate the



**Adam Stiers**  
Manager Regulatory Applications  
Leave to Construct  
Regulatory Affairs

Tel: (519) 436-4558  
Email: [adam.stiers@enbridge.com](mailto:adam.stiers@enbridge.com)

**Enbridge Gas Inc.**  
P.O. Box 2001  
50 Keil Drive N.  
Chatham, Ontario, N7M 5M1  
Canada

procedural aspects of the Duty to Consult to Enbridge Gas. While work on the Project is still in its early stages, Enbridge Gas would be pleased to discuss the Project with you should you have any questions.

Regards,

**Adam Stiers** Digitally signed by Adam Stiers  
Date: 2021.06.29 12:57:20 -04'00'

Adam Stiers  
Manager, Regulatory Applications – Leave to Construct

June 29, 2021

Page 1

## **Attachment 1: Project Description**

### **1.0 Project Summary**

To increase the capacity of and accommodate additional demand for affordable and reliable natural gas to markets served by the Panhandle Transmission System,<sup>1</sup> including for the fast-growing greenhouse sector in the Kingsville, Leamington and Wheatley areas, Enbridge Gas Inc. (“Enbridge Gas”) has identified the need to construct:<sup>2</sup>

- (i) Approximately 35 km of Extra High Pressure (“XHP”) steel (“ST”) natural gas pipeline at an estimated Nominal Pipe Size (“NPS”) of up to 42 inch diameter from the Enbridge Gas Dover Transmission Station<sup>3</sup> westward toward the City of Windsor;
- (ii) Up to NPS 16 inch diameter transmission laterals/interconnects tied into the Panhandle Transmission System at locations between Enbridge Gas’s Dover Transmission Station westward toward the City of Windsor; and
- (iii) Measurement and pipeline connection facilities within Enbridge Gas’s Dawn Storage Facility in the Township of Dawn-Euphemia.

These facilities are proposed to be placed into service by November 2023 and are collectively referred to as the “Project” herein.

Figure 1 below shows the Approximate Project Study Area being considered. Where possible, the Project will be located within existing road allowances, utility corridors and rights-of-way. While a preliminary preferred Project route has not yet been determined Enbridge Gas anticipates that permanent easement and temporary working space and laydown areas may be required. Enbridge Gas will work with regulators and landowners to identify and secure appropriate working space and easements as required.

Work to prepare an Environmental Report (“ER”) for the Project has been initiated. The ER will examine preliminary preferred and alternative routes and determine, from an environmental and socio-economic perspective, the preferred route for the Project. Engineering design is expected to be finalized during the permitting stage of the Project.

### **2.0 Environmental Report, Authorizations and Approvals Required**

An ER for the Project will be prepared in accordance with the Ontario Energy Board’s (“OEB”) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines in Ontario, 7<sup>th</sup> Edition 2016* (the “Guidelines”), with support provided by consultant archaeologists, cultural heritage specialists, and environmental professionals.<sup>4</sup> The ER will

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<sup>1</sup> The Panhandle Transmission System serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County, and Chatham-Kent.

<sup>2</sup> Enbridge Gas is continuing to evaluate alternatives to the proposed facilities.

<sup>3</sup> Located on Townline Road in Chatham-Kent: Approximate Latitude = 42.370684; Approximate Longitude = -82.388498.

<sup>4</sup> The ER will: (i) describe proposed Project works; (i) identify route options and an environmentally preferred route; (ii) describe construction procedures; (iii) identify potential environmental impacts and recommend mitigation measures; and (iv) describe consultation opportunities. An archaeological assessment will be conducted by a licensed archaeologist in accordance with MHSTCI guidelines to identify archaeological resources in the Project area and to develop appropriate mitigation plans, as required. A heritage specialist will review the running line for potential cultural heritage landscapes and

June 29, 2021

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identify the potential authorizations required. The ER for this Project is anticipated to be completed and submitted to the OEB as early as May 2022. Enbridge Gas's preliminary work on the Project has identified the following potential required authorizations:

Federal:

- Fisheries and Oceans Canada.

Provincial:

- Ontario Energy Board;
- Infrastructure Ontario;
- Ministry of Transportation;
- Ministry of Heritage, Sports, Tourism and Culture Industries ("MHSTCI");
- Ministry of Environment, Conservation and Parks;
- Ministry of Indigenous Affairs; and
- Hydro One.

Municipal:

- The Municipality of Chatham-Kent;
- The County of Essex;
- The Town of Kingsville;
- The Municipality of Leamington;
- The Town of Tecumseh;
- The Municipality of Lakeshore; and
- The City of Windsor.

Other:

- Indigenous engagement;
- Landowner agreements;
- Lower Thames Valley Conservation Authority;
- Essex Region Conservation Authority; and
- Utility circulation.

Other authorizations, notifications, permits and/or approvals may be required in addition to those identified above.

### **3.0 Project Activities**

Pursuant to the Guidelines, an ER will be prepared and geotechnical and archaeological studies will be completed. The design process involves the selection of a specific running line location, appropriate materials, the selection of valves/fittings and location(s) for trenchless drilling activities. Information obtained from the geotechnical analysis, subsurface utility engineering and soil sampling is typically used to inform pipeline design.

Engineered drawings will be produced with the final design and issued to local municipalities and other regulators for approval. Once all approvals are obtained, final engineered drawings will be prepared for construction.

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built heritage resources and will develop appropriate mitigation plans, as required. A qualified biologist will review the running line for potential species at risk that will be impacted by construction activities and will develop appropriate mitigation plans, as required.

June 29, 2021

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All facilities will be installed using Enbridge Gas's standard construction practices which may include grading the site, digging a trench, directional drilling, installing the welded pipeline, testing the pipeline, and restoring the area to its original condition. Normal depth of ground cover over the pipeline will be 1.2 metres. However, the pipeline may be installed at a greater depth to provide additional protection in areas where it crosses underneath existing infrastructure and other sensitive environmental and/or socio-economic features.

#### **4.0 Potential Environmental Effects and Mitigation Measures**

Where possible, the Project will be constructed in previously disturbed corridors. It is expected that the majority of adverse environmental and/or socio-economic effects will be construction related. These effects are expected to be temporary and transitory. The Project will also be underground once construction is complete, further limiting the potential for any long-term effects.

Mitigation measures recommended in the ER will be followed in conjunction with Enbridge Gas's Construction and Maintenance standards. In addition, Enbridge Gas will use professional judgement, past experience, industry best practices and any additional feedback received through the consultation process when constructing the Project.

#### **5.0 Project Benefits**

The Project will serve growing demand by increasing the capacity of Enbridge Gas's Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent, providing access to safe, reliable and affordable natural gas.

#### **6.0 Contact Information**

*Regulatory Applications:*

Adam Stiers

[AStiers@enbridge.com](mailto:AStiers@enbridge.com)

Office: (519) 436-4558

Cell: (519) 350-5196

*Community & Indigenous Engagement:*

Lauren Whitwham

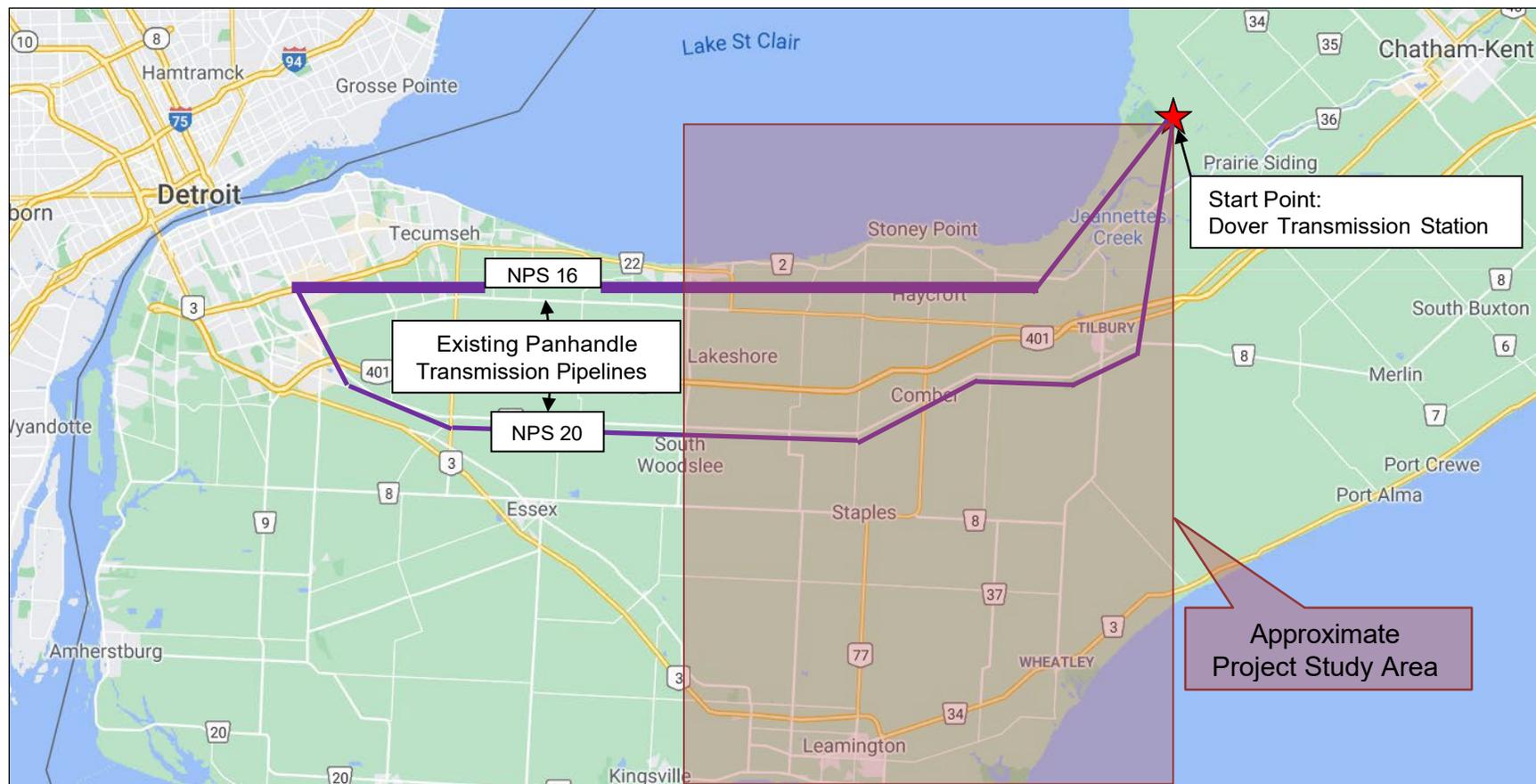
[lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)

Office: (519) 667-4100 ext. 5153545

Cell: (519) 852-3474

June 29, 2021  
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**Figure 1: Project Study Area**



**Ministry of Energy**

Energy Networks & Indigenous Policy  
Branch

Indigenous Energy Policy

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

**Ministère de l'Énergie**

Direction Générale des Réseaux Énergétiques  
et des Politiques Autochtones

Politique Énergétique Autochtone

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



VIA EMAIL

August 6, 2021

Adam Stiers  
Manager, Regulatory Applications – Leave to Construct  
Enbridge Gas Inc.  
500 Consumers Road,  
North York, ON M2J 1P8

**Re: Panhandle Regional Expansion Project**

Dear Adam Stiers,

Thank you for your emails, dated June 29, 2021 and July 13, 2021, notifying the Ministry of Energy (Energy) of Enbridge Gas' (Enbridge) intention to apply to the Ontario Energy Board (OEB) for Leave to Construct for part of the proposed Panhandle Regional Expansion Project (the Project).

I understand that Enbridge is planning to construct new natural gas pipeline facilities to increase the capacity of the Panhandle Transmission System. Furthermore, I understand that this project is expected to include pipeline reinforcement, transmission laterals/interconnects, and measurement and pipeline connection facilities within Enbridge's Dawn Storage Facility.

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

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

While the legal responsibility to meet the duty to consult lies with the Crown, the Crown may delegate the day-to-day, procedural aspects of consultation to project proponents. Such a delegation by the Crown to proponents is routine practice for Energy.

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

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

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

<b>Community</b>	<b>Mailing Address</b>
Aamjiwnaang First Nation	978 Tashmoo Avenue Sarnia, ON N7T 7H5 T: (519) 336-8410 F: (519) 336-0382 Web: <a href="#">Aamjiwnaang First Nation</a>
Bkejwanong (Walpole Island) First Nation)	RR 3, Wallaceburg, ON N8A 4K9 T: (519) 627-1481 F: (519) 627-0440 Web: <a href="#">Walpole Island First Nation</a>
Caldwell First Nation	14 Orange Street Leamington, ON N8H 1P5 1-800-206-7522 T: 519-322-1766 F: 519-322-1533 Web: <a href="#">Caldwell First Nation</a>
Chippewas of the Thames First Nation	RR 1, Muncey, ON N0L 1Y0 T: (519) 289-5555 F: (519) 289-2230 Web: <a href="#">Chippewas of the Thames First Nation</a>
Chippewas of Kettle and Stony Point First Nation	6247 Indian Lane Kettle and Stony Point First Nation, ON N0N 1J1 T: (519) 786-2125 F: (519) 786-2108 Web: <a href="#">Chippewas of Kettle and Stony Point First Nation</a>
Oneida Nation of the Thames	RR 2, Southwold, ON N0L 2G0 T: (519) 652-3244 F: (519) 652-9287 Web: <a href="#">Oneida Nation of the Thames</a>

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

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

### **Acknowledgement**

By accepting this letter, the Proponent acknowledges this Crown delegation and the procedural consultation responsibilities enumerated in the appendix. If you have any questions about this request, you may contact Gillian Brown, Senior Advisor, Indigenous Energy Policy ([gillian.brown2@Ontario.ca](mailto:gillian.brown2@Ontario.ca)).

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

Sincerely,

A handwritten signature in black ink, appearing to read "Dan Delaquis", with several overlapping loops and a horizontal line at the end.

Dan Delaquis  
Manager, Indigenous Energy Policy

C: Ontario Pipeline Coordinating Committee (OPCC)

## **APPENDIX: PROCEDURAL CONSULTATION**

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

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

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

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

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

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

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

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

expects the Proponent to fulfill all of its delegated procedural consultation responsibilities to the satisfaction of the Crown.

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

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

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

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

### **Consultation Record**

- It is important to ensure that all consultation activities undertaken with Indigenous communities are fully documented. This includes all attempts to notify or consult the community, all interactions with and feedback from the community, and all efforts to respond to community concerns. Crown regulators require a complete consultation record in order to assess whether Aboriginal consultation and any necessary accommodation is sufficient for the Project to receive Ontario government approvals. The consultation record should include, but not be limited to, the following:
  - a list of the identified Indigenous communities that were contacted;
  - evidence that notices and Project information were distributed to, and received by, the Indigenous communities (via courier slips, follow up phone calls, etc.). Where a community has been non-responsive to multiple efforts to contact the community, a record of such multiple attempts and the responses or lack thereof.
  - a written summary of consultations with Indigenous communities and appended documentation such as copies of notices, any meeting summaries or notes including where the meeting took place and who attended, and any other correspondence (e.g., letters and electronic communications sent and received, dates and records of all phone calls);

- responses and information provided by Indigenous communities during the consultation process. This includes information on Aboriginal or treaty rights, traditional lands, claims, or cultural heritage features and information on potential adverse impacts on such Aboriginal or treaty rights and measures for avoiding, minimizing or mitigating potential adverse impacts to those rights; and
- a summary of the rights/concerns, and potential adverse impacts on Aboriginal or treaty rights or on sites of cultural significance (e.g. burial grounds, archaeological sites), identified by Indigenous communities; how comments or concerns were considered or addressed; and any changes to the Project as a result of consultation, such as:
  - changing the Project scope or design;
  - changing the timing of proposed activities;
  - minimizing or altering the site footprint or location of the proposed activity;
  - avoiding impacts to the Aboriginal interest;
  - environmental monitoring; and
  - other mitigation strategies.

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

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

April 20, 2022

**VIA EMAIL – amy.gibson@ontario.ca**

Ministry of Energy  
Amy Gibson  
Manager, Indigenous Energy Policy  
Unit 77 Grenville St.  
6<sup>th</sup> Floor  
Toronto, ON  
M7A 1B3

Dear Ms. Gibson:

**Re: Panhandle Regional Expansion Project Summary**

The purpose of this letter is to inform the Ministry of Energy (“MOE”) of refinements made to Enbridge Gas Inc. (“Enbridge Gas” or “the Company”)’s Panhandle Regional Expansion Project (the “Project”), located in Essex County and Chatham-Kent. As outlined in Enbridge Gas’s June 29, 2021 letter, the Company was continuing to evaluate alternatives and Project scope, but communicated the following preliminary facility requirements:

- (i) Approximately 35 kilometers of up to nominal pipe size (“NPS”) 42 inch diameter natural gas pipeline reinforcement, running from the Enbridge Gas Dover Transmission Station westward towards the City of Windsor;
- (ii) Up to NPS 16 inch diameter transmission laterals/interconnects tied into the Panhandle Transmission System at locations between Enbridge Gas’s Dover Transmission Station westward towards the City of Windsor; and
- (iii) Measurement and pipeline connection facilities within Enbridge Gas’s Dawn Storage Facility in the Township of Dawn-Euphemia.

Enbridge Gas has since refined the design of the above facilities and selected preferred routes based on feedback received during its virtual public open houses held on November 17 – December 3, 2021 and February 14 – 28, 2022. Enbridge Gas intends to seek leave to construct approval from the OEB, as applicable, on the following updated facility requirements:

- (i) The Panhandle Loop<sup>1</sup>: Approximately 19 km of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road, located in the Municipality of Lakeshore, and Enbridge Gas’ Dover Transmission Station, located in the Municipality of Chatham-Kent;
- (ii) The Leamington Interconnect<sup>2</sup>: Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to

<sup>1</sup> The Panhandle Loop:

Proposed Locations	Approximate Latitude	Approximate Longitude
Start Point	42.370436	-82.388433
End Point	42.232933	-82.463628

<sup>2</sup> The Leamington Interconnect:

Proposed Locations	Approximate Latitude	Approximate Longitude
Start Point	42.174247	-82.713028
End Point	43.146878	-82.601000

April 20, 2022

Page 2

connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville and the Municipality of Leamington; and

- (iii) Measurement and pipeline connection facilities and upgrades within Enbridge Gas's Dawn Storage Facility in the Township of Dawn-Euphemia and the Dover Transmission Station in the Municipality of Chatham-Kent.

The Panhandle Loop is planned to be placed into service by November 2023 and the Leamington Interconnect by November 2024. The measurement and pipeline connection facilities and upgrades will be completed by November 2023.

To assist with the MOE's review and understanding of the updated scope of the Project, please find attached updated maps and Shapefiles for the Project.

Enbridge Gas does not believe these refinements to the Project have any impact on the MOE's August 6, 2021 determination of duty to consult requirements and associated list of potentially impacted First Nations and Métis communities, however, should the MOE determine otherwise, please contact the undersigned as soon as possible to ensure Enbridge Gas's consultation processes and activities for the Project are updated accordingly. Enbridge Gas would be pleased to discuss the Project with you should you have any questions.

Regards,

**Dave Janisse**

Digitally signed by Dave  
Janisse  
Date: 2022.04.20 13:38:30  
-04'00'

Dave Janisse  
Technical Manager, Leave to Construct Applications

SUFFICIENCY LETTER

1. The sufficiency letter provided by the MOE for the Project will be filed with the OEB once it has been received by Enbridge Gas.

# Enbridge Inc. Indigenous Peoples Policy

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# Enbridge Indigenous Peoples Policy

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Enbridge recognizes the diversity of Indigenous Peoples who live where we work and operate. We understand that the history of Indigenous Peoples in both Canada and the United States has had destructive impacts on the social and economic wellbeing of Indigenous Peoples. Enbridge recognizes the importance of reconciliation between Indigenous communities and broader society. Positive relationships with Indigenous Peoples, based on mutual respect and focused on achieving common goals, will create constructive outcomes for Indigenous communities and for Enbridge.

Enbridge commits to pursuing 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:

- We recognize the legal and constitutional rights possessed by Indigenous Peoples in Canada and in the U.S., and the importance of the relationship between Indigenous Peoples and their traditional lands and resources. We commit to working with Indigenous communities in a manner that recognizes and respects those legal and constitutional rights and the traditional lands and resources to which they apply, and we commit to ensuring that our projects and operations are carried out in an environmentally responsible manner.
- We recognize the importance of the United Nations Declaration on the Rights of Indigenous Peoples (UNDRIP) within the context of existing Canadian and U.S. law and the commitments that governments in both countries have made to protecting the rights of Indigenous Peoples.

- We engage in forthright and sincere consultation with Indigenous Peoples about Enbridge's projects and operations through processes that seek to achieve early and meaningful engagement so their input can help define our projects that may occur on lands traditionally used by Indigenous Peoples.
- We commit 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.
- We foster understanding of the history and culture of Indigenous Peoples among Enbridge's employees and contractors, in order to create better relationships between Enbridge and Indigenous communities.

This commitment is a shared responsibility involving Enbridge and its affiliates, employees and contractors, and we will conduct business in a manner that reflects the above principles. Enbridge will provide ongoing leadership and resources to ensure the effective implementation of the above principles, including the development of implementation strategies and specific action plans.

Enbridge commits to periodically reviewing this policy to ensure it remains relevant and meets changing expectations.

**INDIGENOUS CONSULTATION REPORT: SUMMARY TABLE**

As of June 7, 2022

<b>Aamjiwnaang First Nation (AFN)</b>		
<b>Was project information provided to the community?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Enbridge Gas has provided AFN with the following information:</p> <ul style="list-style-type: none"> <li>• a detailed description of the nature and initial scope of the Project. This included a list of other provincial or federal approvals that may be required for the Project to proceed;</li> <li>• Maps of the Project location and any other affected area(s)</li> <li>• Slides for the two Virtual Open Houses</li> <li>• Description and map advising of a change in scope of the Project.</li> <li>• Environmental Report, providing information about the potential effects of the Project on the Environment.</li> </ul> <p>Enbridge Gas requested community feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on Aboriginal or treaty rights.</p> <p>Capacity funding has been offered to support activities such as timely technical reviews of documents, participation in field work associated with the proposed Projects, and to engage in meaningful consultation.</p>
<b>Was the community responsive/did you have direct contact with the community?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Enbridge Gas and an AFN representative have exchanged emails regarding the Project and met on January 27, 2022 to further discuss. A meeting is also scheduled for June 28, 2022 to allow Enbridge Gas representatives to present to the AFN Environmental Committee.</p>

<p><b>Did the community members or representatives have any questions or concerns?</b></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>To date, AFN representatives have sought clarification regarding components omitted from the Project scope, which Enbridge Gas provided. AFN has not raised any other questions or concerns regarding the Project.</p> <p>AFN has a third-party reviewing the Environmental Report and will provide any questions and comments to Enbridge Gas. Capacity funding has been provided for the review of the Report.</p>
<p><b>Does the community have any outstanding concerns?</b></p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>To date, AFN does not have any outstanding concerns related to the Project. Enbridge Gas will continue to engage with the community in relation to the Project.</p>
<p><b>Caldwell First Nation (CFN)</b></p>		
<p><b>Was project information provided to the community?</b></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Enbridge Gas has provided CFN with the following information:</p> <ul style="list-style-type: none"> <li>• a detailed description of the nature and initial scope of the Project. This included a list of other provincial or federal approvals that may be required for the Project to proceed;</li> <li>• Maps of the Project location and any other affected area(s)</li> <li>• Slides for the two Virtual Open Houses</li> <li>• Description and map advising of a change in scope of the Project.</li> <li>• Environmental Report, providing information about the potential effects of the Project on the Environment.</li> </ul> <p>Enbridge Gas requested community feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on Aboriginal or treaty rights.</p> <p>Capacity funding has been offered to support activities such as timely technical reviews of documents, participation in field work associated with the proposed Projects, and to engage in meaningful consultation.</p>

<p><b>Was the community responsive/did you have direct contact with the community?</b></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Enbridge Gas and CFN representatives have exchanged emails and had a telephone call about the Project. The parties are attempting to schedule a meeting to further discuss the Project.</p>
<p><b>Did the community members or representatives have any questions or concerns?</b></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>To date, CFN representatives have requested information regarding the Enbridge Gas contractor, the timing of the Environmental Report and the stage one archaeology work. Enbridge Gas provided the requested information regarding timing of these reports and the Enbridge Gas contractor. The CFN has not raised any other questions or concerns regarding the Project.</p>
<p><b>Does the community have any outstanding concerns?</b></p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>To date, CFN has not identified any outstanding concerns regarding the Project. Enbridge Gas will continue to engage with the community in relation to the Project..</p>
<p><b>Chippewas of Kettle and Stony Point First Nation (“CKSPFN”)</b></p>		
<p><b>Was project information provided to the community?</b></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Enbridge Gas has provided CKSPFN with the following information:</p> <ul style="list-style-type: none"> <li>• a detailed description of the nature and initial scope of the Project. This included a list of other provincial or federal approvals that may be required for the Project to proceed;</li> <li>• Maps of the Project location and any other affected area(s)</li> <li>• Slides for the two Virtual Open Houses</li> <li>• Description and map advising of a change in scope of the Project.</li> <li>• Environmental Report, providing information about the potential effects of the Project on the Environment.</li> </ul> <p>Enbridge Gas requested community feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on Aboriginal or treaty rights.</p>

		Capacity funding has been offered to support activities such as timely technical reviews of documents, participation in field work associated with the proposed Projects, and to engage in meaningful consultation.
<b>Was the community responsive/did you have direct contact with the community?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Enbridge Gas and CKSPFN representatives have exchanged emails and had a telephone call regarding the Project. In addition, meetings were held on September 20, 2021 and February 11, 2022 during which the Project was discussed.
<b>Did the community members or representatives have any questions or concerns?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	To date, CKSPFN representatives have discussed the following with Enbridge Gas representatives in the course of engagement on the Project: availability of and funding for monitors on Enbridge Gas projects; supply chain management participation; and the scope, schedule, and cost of the Project. Enbridge Gas explained that it would provide capacity funding to train monitors for participation in Enbridge Gas field surveys and provided further information regarding supply chain management and the Project scope, schedule and cost. CKSPFN has not raised any other questions or concerns regarding the Project.
<b>Does the community have any outstanding concerns?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	To date, CKSPFN has not expressed any outstanding concerns regarding the Project. Enbridge Gas will continue to engage with the community in relation to the Project.
<b>Chippewas of the Thames First Nation (“COTTFN”)</b>		
<b>Was project information provided to the community?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Enbridge Gas has provided COTTFN with the following information:</p> <ul style="list-style-type: none"> <li>• a detailed description of the nature and initial scope of the Project. This included a list of other provincial or federal approvals that may be required for the Project to proceed;</li> <li>• Maps of the Project location and any other affected area(s)</li> <li>• Slides for the two Virtual Open Houses</li> <li>• Description and map advising of a change in scope of the Project.</li> </ul>

		<ul style="list-style-type: none"> <li>• Environmental Report, providing information about the potential effects of the Project on the Environment.</li> </ul> <p>Enbridge Gas requested community feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on Aboriginal or treaty rights.</p> <p>Capacity funding has been offered to support activities such as timely technical reviews of documents, participation in field work associated with the proposed Projects, and to engage in meaningful consultation.</p>
<p><b>Was the community responsive/did you have direct contact with the community?</b></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Enbridge Gas and COTTFN representatives exchanged emails regarding the Project and met on January 24 and April 21, 2022 to further discuss the Project.</p>
<p><b>Did the community members or representatives have any questions or concerns?</b></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>To date, COTTFN representatives have requested additional maps and information regarding capacity funding. Enbridge Gas provided the requested information. A COTTFN representative noted the need for adequate time to review the Environmental Report. The Enbridge Gas representative advised that Enbridge Gas welcomes comments from COTTFN when the review is complete. COTTFN has not raised any other questions or concerns regarding the Project.</p>
<p><b>Does the community have any outstanding concerns?</b></p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>To date, COTTFN has not identified any outstanding concerns regarding to the Project. Enbridge Gas will continue to engage with the community in relation to the Project.</p>
<p><b>Oneida Nation of the Thames (“Oneida Nation”)</b></p>		
<p><b>Was project information</b></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Enbridge Gas has provided Oneida Nation with the following information:</p>

<p><b>provided to the community?</b></p>		<ul style="list-style-type: none"> <li>• a detailed description of the nature and initial scope of the Project. This included a list of other provincial or federal approvals that may be required for the Project to proceed;</li> <li>• Maps of the Project location and any other affected area(s)</li> <li>• Slides for the two Virtual Open Houses</li> <li>• Description and map advising of a change in scope of the Project.</li> <li>• Environmental Report, providing information about the potential effects of the Project on the Environment.</li> </ul> <p>Enbridge Gas requested community feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on Aboriginal or treaty rights.</p> <p>Capacity funding has been offered to support activities such as timely technical reviews of documents, participation in field work associated with the proposed Projects, and to engage in meaningful consultation.</p>
<p><b>Was the community responsive/did you have direct contact with the community?</b></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Enbridge Gas and Oneida Nation representatives have exchanged emails regarding the Project and met on December 9, 2021. Enbridge Gas and Oneida Nation representatives are also scheduled to meet on June 8, 2022 to discuss the Project.</p>
<p><b>Did the community members or representatives have any questions or concerns?</b></p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>To date, Oneida Nation and Enbridge Gas representatives have discussed the process for adding Oneida Nation businesses or affiliated businesses to Enbridge Gas' database. Oneida Nation has not raised any other questions or concerns regarding the Project.</p>
<p><b>Does the community have any outstanding concerns?</b></p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>To date, the Oneida Nation has not identified any outstanding concerns regarding the Project. Enbridge Gas will continue to engage with the community in relation to the Project.</p>

<b>Walpole Island First Nation (“WIFN”)</b>		
<b>Was project information provided to the community?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Enbridge Gas has provided WIFN with the following information:</p> <ul style="list-style-type: none"> <li>• a detailed description of the nature and initial scope of the Project. This included a list of other provincial or federal approvals that may be required for the Project to proceed;</li> <li>• Maps of the Project location and any other affected area(s)</li> <li>• Slides for the two Virtual Open Houses</li> <li>• Description and map advising of a change in scope of the Project.</li> <li>• Environmental Report, providing information about the potential effects of the Project on the Environment.</li> </ul> <p>Enbridge Gas requested community feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on Aboriginal or treaty rights.</p> <p>Capacity funding has been offered to support activities such as timely technical reviews of documents, participation in field work associated with the proposed Projects, and to engage in meaningful consultation.</p>
<b>Was the community responsive/did you have direct contact with the community?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>Enbridge Gas and WIFN representatives have exchanged emails regarding the Project and met on July 23 and November 15, 2021 and January 27, 2022 to discuss the Project.</p>
<b>Did the community members or representatives have any</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>To date, WIFN and Enbridge Gas representatives have discussed how to increase cultural awareness on the Project and capacity funding. WIFN has not raised any other questions or concerns regarding the Project.</p>

<p><b>questions or concerns?</b></p>		<p>WIFN has a third-party reviewing the Environmental Report and will provide any questions and comments to Enbridge Gas. Capacity funding has been provided for the review of the Report.</p>
<p><b>Does the community have any outstanding concerns?</b></p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>To date, there are no outstanding concerns from WIFN. Enbridge Gas will continue to engage with the community.</p>
<p><b>Eelūnaapèewii Lahkèewiit (“Delaware Nation”)</b></p>		
<p><b>Was project information provided to the community?</b></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Enbridge Gas has provided Delaware Nation with the following information:</p> <ul style="list-style-type: none"> <li>• a detailed description of the nature and initial scope of the Project. This included a list of other provincial or federal approvals that may be required for the Project to proceed;</li> <li>• Maps of the Project location and any other affected area(s)</li> <li>• Slides for the two Virtual Open Houses</li> <li>• Description and map advising of a change in scope of the Project.</li> <li>• Environmental Report, providing information about the potential effects of the Project on the Environment.</li> </ul> <p>Enbridge Gas requested community feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on Aboriginal or treaty rights.</p> <p>Capacity funding has been offered to support activities such as timely technical reviews of documents, participation in field work associated with the proposed Projects, and to engage in meaningful consultation.</p>

<p><b>Was the community responsive/did you have direct contact with the community?</b></p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>To date, there has been no direct contact with Delaware Nation.</p>
<p><b>Did the community members or representatives have any questions or concerns?</b></p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>To date, Delaware Nation has not raised any questions or concerns regarding the Project.</p>
<p><b>Does the community have any outstanding concerns?</b></p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>To date, there are no outstanding concerns from Delaware Nation. Enbridge Gas will continue to engage with the community.</p>

**Enbridge Gas Inc. Indigenous Engagement Log**

Log updated as of June 7, 2022

<b>Aamjiwnaang First Nation</b>						
<b>Line Item</b>	<b>Date</b>	<b>Method</b>	<b>Summary of Enbridge Gas Inc. ("Enbridge Gas") Engagement Activity</b>	<b>Summary of Community's Engagement Activity</b>	<b>Outstanding Issues or Concerns</b>	<b>Attachment</b>
1.1	August 11, 2021	Email	An Enbridge Gas representative emailed the AFN representatives providing information regarding the Panhandle Regional Expansion Project ("Project"). The Enbridge Gas representative noted the Project was in preliminary stages and advised a formal Project notification letter would be provided at a later date. The Enbridge Gas representative provided a map of the Project.			Attachment 1.1
1.2	October 15, 2021	Email	An Enbridge Gas representative emailed the AFN representatives providing a Project notification letter, notice of commencement and maps of the proposed Project. The letter provided an overview of the Project, noted capacity funding would be available and requested a meeting to discuss the Project.			Attachment 1.2
1.3	November 18, 2021	Email	An Enbridge Gas representative emailed the AFN representatives providing the open house slides related to the Project and a website link for the virtual open house. The Enbridge Gas representative noted the virtual open house would be open for two weeks.			Attachment 1.3 Environmental Report (Exhibit F, Tab 1, Schedule 1, Attachment 1, Appendix B3)
1.4	January 26, 2022	Email	An Enbridge Gas representative emailed the AFN representative providing a notice of a second virtual open house that would be available from February 14 to 28, 2022. The Enbridge Gas representative advised they would provide them with a copy of the presentation and indicated capacity funding was available for participation in the Project.			Attachment 1.4
1.5	January 27, 2022	Virtual Meeting	An Enbridge Gas representative and the AFN representative met virtually to discuss the Project as well as other Enbridge Gas projects. The parties discussed the Project overview and the proposed routing.			
1.6	January 28, 2022	Email	An Enbridge Gas representative emailed the AFN representative to provide them with a copy of the Project presentation that was reviewed the			Attachment 1.6

			previous day and advised that the slides from the second virtual open house would be sent once ready.			
1.7	February 16, 2022	Email	An Enbridge Gas representative emailed the AFN representative to provide them with a copy of the second virtual open house slides. The Enbridge Gas representative advised the virtual open house would be available from February 14, 2022 to February 28, 2022 and provided a website link.			Attachment 1.7  Environmental Report (Exhibit F, Tab 1, Schedule 1, Attachment 1, Appendix B3)
1.8	April 11, 2022	Multiple Email	An Enbridge Gas representative emailed the AFN representative providing a letter and maps detailing a change in scope for the Project and noted the environmental report would likely be completed by the end of April 2022. The Enbridge Gas representative requested the AFN representative's availability for a Project update meeting in May 2022.			Attachment 1.8
				An AFN representative replied the same day and requested clarification regarding components omitted from the Project.		
			The Enbridge Gas representative responded on the same day to confirm that certain Project components had been removed from the scope of the Project. The Enbridge Gas representative also provided an overview of the revised Project scope/remaining Project components.			
1.9	April 29, 2022	Email	An Enbridge Gas representative emailed the AFN representative to advise that the Environmental Report was available and provided the Internet link for the report. The Enbridge Gas representative requested that any comments be provided on the Environmental Report by June 10, 2022, as per Guidelines.			Attachment 1.9
1.10	May 6, 2022	Email	An Enbridge Gas representative emailed the AFN representatives providing a monthly update on all the Leave to Construct Enbridge Gas projects and the status of these projects.			Attachment 1.10
1.11	May 11, 2022	Email		An AFN representative emailed the Enbridge Gas representatives asking about the environmental report and if it was available to be reviewed. The AFN representative also asked if Enbridge Gas could present to the Environmental Committee.		Attachment 1.11

			An Enbridge Gas representative responded on the same day, providing the link to the environmental report, and offered capacity funding for AFN's review of the report.			
1.12	May 12, 2022	Email		An AFN representative responded to the May 6, 2022 email from the Enbridge Gas representative to request Enbridge Gas present to the Environmental Committee on all the proposed Enbridge Gas projects.		Attachment 1.12
			An Enbridge Gas representative responded on the same day and the agreed to a June 7 presentation date.			
1.13	May 24	Multiple Emails		An AFN representative emailed the Enbridge Gas representative to provide a proposed quote for a third-party review on the environmental report. The AFN representative asked the Enbridge Gas representative if the presentation could be rescheduled to later in June to accommodate the review.		Attachment 1.13
			An Enbridge Gas representative responded the same day and agreed to the proposed quote and also advised they would work with the AFN representative to reschedule the meeting date.  The meeting/presentation was rescheduled to June 28, 2022.			
1.14	May 27, 2022	Email	An Enbridge Gas representative emailed the AFN representative to provide a reminder about comments on the Environmental Report. The Enbridge Gas representative advised that the deadline is June 10, 2022 but comments from AFN would be accepted after that date.			Attachment 1.14
<b>Caldwell First Nation (CFN)</b>						
Line Item	Date	Method	Summary of Engagement Activity	Response from Community/Outstanding Issues	Outstanding Issues or Concerns	Attachment
2.1	August 11, 2021	Email	An Enbridge Gas representative emailed the CFN representatives providing information regarding the Project. The Enbridge Gas representative noted the Project was in its preliminary stages and advised a formal Project notification letter would be provided at a later date. The Enbridge Gas representative provided the CFN representatives with a map of the Project. The Enbridge Gas			Attachment 2.1

			representative requested information regarding the new CFN consultation process.			
				On the same day, a CFN representative responded and directed the Enbridge Gas representative to the CFN online portal "Consult with Caldwell". The CFN representative also included the consultation protocol in the email.		
2.2	October 26, 2021	Email	An Enbridge Gas representative emailed the CFN representatives providing a Project notification letter, notice of commencement and maps of the proposed Project. The letter provided an overview of the Project, noted capacity funding would be available and requested a meeting to discuss the Project. The Enbridge Gas representative advised they were unable to complete the upload process through the online consultation tool.			Attachment 2.2
2.3	January 26, 2022	Email	An Enbridge Gas representative provided a notice of a second virtual open house that would be available from February 14 to 28, 2022 in relation to the Project. The Enbridge Gas representative advised they would provide the CFN representative with a copy of the presentation and indicated capacity funding was available for their participation in the Project. The Enbridge Gas representative also indicated they would like to discuss with the CFN representatives the consultation process and online portal to ensure that information would be provided to them in a timely manner.			Attachment 2.3
2.4	January 28, 2022	Phone and Email		A CFN representative called the Enbridge Gas representative to inform them of staffing changes at CFN. The parties discussed the Project and the Enbridge Gas representative's challenges using CFN's online portal. The CFN representative was presenting to Chief and wanted to ensure she had all available information on the Project. The Enbridge Gas representative advised that they would send over everything to confirm all correspondence had been received. The CFN representative advised they would work with their IT to resolve the portal issues.		Attachment 2.4  Environmental Report (Exhibit F, Tab 1, Schedule 1, Attachment 1, Appendix B3)

			The same day, the Enbridge Gas representative emailed the CFN representative thanking them for the telephone call and following up on the requests from that call. The Enbridge Gas representative provided a copy of all the correspondence that had previously been provided. The Enbridge Gas representative also provided the CFN representative with a copy of the Virtual Open House #1 slides.		
2.5	February 3, 2022	Multiple Emails		A CFN representative emailed the Enbridge Gas representative requesting information regarding the Enbridge Gas contractor and inquired about the Environmental Report and the stage one archaeology work.	Attachment 2.5
			An Enbridge Gas representative responded on the same day and advised the stage one and stage two archaeology reports would be combined and indicated stage two surveys were planned for Spring 2022 and the report would likely be available in Summer 2022. The Enbridge Gas representative advised the Environmental Report was being developed and a draft would be available in March 2022 with a planned filing date in April 2022. The Enbridge Gas representative provided information regarding their contractor.		
				The CFN representative replied on the same day to advise they would participate in the virtual open house and requested a copy of the presentation.	
2.6	February 16, 2022	Email	An Enbridge Gas representative emailed the CFN representatives providing them with a copy of the second virtual open house slides. The Enbridge Gas representative advised the virtual open house would be available from February 14, 2022 to February 28, 2022 and provided a website link.		Attachment 2.6 Environmental Report (Exhibit F, Tab 1, Schedule 1, Attachment 1, Appendix B3)
2.7	March 11, 2022	Email		A CFN representative emailed the Enbridge Gas representative providing a re-engagement letter. The letter requested engagement on the Project to address their concerns related to impacts on their rights, interests, and way of life. The letter requested a	Attachment 2.7

				meeting and a Project information package including previous correspondence between Enbridge Gas and CFN related to the Project.		
			An Enbridge Gas representative, on the same day, acknowledged the request for a meeting and inquired as to which Enbridge Gas representatives CFN wanted to attend the initial meeting.			
2.8	March 16, 2022	Email		A CFN representative emailed the Enbridge Gas representative advising they would be available for a meeting for information gathering purposes and they would discuss direction with Chief and Council going forward.		Attachment 2.8
			The Enbridge Gas representative replied the same day to provide their availability and noted they were interested in learning about the CFN portal and consultation protocol.			
2.9	March 21, 2022	Email	An Enbridge Gas representative emailed the CFN representative to provide the Project Information package that had been requested. The Enbridge Gas representative advised the information package would be sent in multiple emails due to the size of the files and asked to advise them if they don't receive one of the emails. The Enbridge Gas representative provided additional availability for a meeting. The Enbridge Gas representative sent over three emails containing the information package on the Project.			Attachment 2.9
2.10	April 5, 2022	Email	An Enbridge Gas representative emailed the CFN representative following up on their March 21, 2022 emails to ensure they had been received. The Enbridge Gas representative also provided additional availability for a virtual or in-person meeting.			Attachment 2.10
2.11	April 11, 2022	Email	An Enbridge Gas representative emailed the CFN representatives providing a letter and maps detailing a change in scope for the Project and noted the environmental report would likely be completed by the end of April 2022. The Enbridge Gas representative requested the CFN representatives' availability for a meeting to discuss the Project, consultation protocol, and capacity funding.			Attachment 2.11

2.12	April 20, 2022	Email	An Enbridge Gas representative emailed the CFN representatives to indicate a portion of the information package provided via email on March 21, 2022 was not delivered and advised they would re-send it. The Enbridge Gas representative advised capacity funding was available and requested a proposal if capacity funding was needed. The Enbridge Gas representative requested their availability for a meeting. The Enbridge Gas representative emailed part 2a and 2b of the information package.			Attachment 2.12
2.13	April 29, 2022	Email	An Enbridge Gas representative emailed the CFN representative to advise that the Environmental Report was available and provided the Internet link for the report. The Enbridge Gas representative requested that any comments be provided on the Environmental Report by June 10, 2022, as per the Guidelines. Capacity funding was offered to enable CFN to engage in timely technical reviews of documents and to allow for meaningful consultation.			Attachment 2.13
2.14	May 6, 2022	Email	An Enbridge Gas representative emailed the CFN representatives providing a monthly update on all the Leave to Construct Enbridge Gas projects and the status of these projects.			Attachment 2.14
2.15	May 18, 2022	Email	An Enbridge Gas representative emailed the CFN representative following up on the April 29 email regarding the Environmental Report. The Enbridge Gas representative requested a meeting to discuss the Project and asked for CFN to provide some dates to meet.			Attachment 2.15
2.16	May 27, 2022	Email	An Enbridge Gas representative emailed the CFN representative to provide a reminder about comments on the Environmental Report. The Enbridge Gas representative advised that the deadline is June 10, 2022 but comments from CFN would be accepted after that date.			Attachment 2.16

**Chippewas of Kettle and Stony Point First Nation (CKSPFN)**

Line Item	Date	Method	Summary of Engagement Activity	Response from Community/Outstanding Issues	Outstanding Issues or Concerns	Attachment
3.1	August 11, 2021	Email	An Enbridge Gas representative emailed the CKSPFN representative providing information regarding the Project. The Enbridge Gas representative noted the Project was in preliminary stages and advised a formal Project notification letter would be			Attachment 3.1

			provided at a later date. The Enbridge Gas representative provided a map in relation to the Project.			
				On the same day, a CKSPFN representative acknowledged receipt of the email.		
3.2	September 20, 2021	Virtual Meeting	An Enbridge Gas representative had a virtual meeting with the CKSPFN representative regarding the Project and other Enbridge Gas projects. Topics of discussion included a high-level Project overview. The CKSPFN representative advised only one monitor was available and noted they may require capacity funding. The Enbridge Gas representative advised that capacity funding was available.			Attachment 3.2
3.3	October 15, 2021	Email	An Enbridge Gas representative emailed the CKSPFN representative providing a Project notification letter, notice of commencement and maps of the proposed Project. The letter provided an overview of the Project, noted capacity funding would be available and requested a meeting to discuss the Project.			Attachment 3.3
3.4	November 18, 2021	Email	An Enbridge Gas representative emailed the CKSPFN representative providing the open house slides and a website link for the virtual open house for the Project. The Enbridge Gas representative noted the virtual open house would be open for two weeks.			Attachment 3.4 Environmental Report (Exhibit F, Tab 1, Schedule 1, Attachment 1, Appendix B3)
3.5	December 8, 2021	Phone and email	An Enbridge Gas representative and the CKSPFN representative discussed having Enbridge Gas present to the CKSPFN representative in early 2022 to review all of Enbridge Gas's projects and to discuss the community's comments and concerns. The parties also discussed providing capacity funding to CKSPFN to train monitors for field surveys and that capacity funding for projects was always available to CKSPFN.  The Enbridge Gas representative followed up the conversation with an email to confirm.			Attachment 3.5
				On December 9, 2021, a CKSPFN representative acknowledge the email.		
3.6	January 11, 2022	Email	An Enbridge Gas representative emailed the CKSPFN representative to request a virtual meeting with CKSPFN's			Attachment 3.6

			<p>newly formed Consultation Committee to bring them up to date on the Project and additional Enbridge Gas projects. The Enbridge Gas representative requested that the CKSPFN representative provide some dates and times that worked best for them and also advised that capacity funding would be provided if needed.</p>			
3.7	January 26, 2022	Email	<p>An Enbridge Gas representative emailed the CKSPFN representative providing a notice of a second virtual open house for the Project that would be available from February 14 to 28, 2022. The Enbridge Gas representative advised they would provide the CKSPFN representative with a copy of the presentation and indicated capacity funding was available for participation in the Project.</p>			Attachment 3.7
3.8	February 7, 2022	Phone	<p>An Enbridge Gas representative had a telephone call with the CKSPFN Band Manager to introduce themselves and to touch base on some topics. The CKSPFN representative advised that a consultant from IBA Braiding had been hired to do their consultation engagement and the consultant would be working with Enbridge Gas on the Project as well as upcoming Enbridge Gas Projects. The CKSPFN representative advised they would like to be copied on all correspondence. The Enbridge Gas representative advised that they would provide capacity funding to train monitors for participation in Enbridge Gas field surveys. The Enbridge Gas representative committed to sending an email with a local contact for training.</p>			
3.9	February 8, 2022	Email	<p>An Enbridge Gas representative responded to an email from the CKSPFN representative to provide a list of Enbridge Gas projects and some dates to meet to discuss the Project and the additional Enbridge Gas projects.</p>			Attachment 3.9
				<p>A CKSPFN representative responded with some dates available, and a meeting was set for February 11, 2022.</p>		
3.10	February 9, 2022	Email	<p>An Enbridge Gas representative emailed the CKSPFN representative providing correspondence that had been sent to the previous CKSPFN representative. The Enbridge Gas representative advised the second virtual open house for the Project would be available from February 14,</p>			Attachment 3.10

			2022 to February 28, 2022 and provided a website link. The Enbridge Gas representative noted capacity funding would be available.			
3.11	February 11, 2022	Virtual Meeting	An Enbridge Gas representative had a virtual meeting with the CKSPFN representatives regarding the Project. Topics of discussion included supply chain management participation and the scope of the Project. During the meeting the CKSFPN representative requested information regarding the value/estimated cost of the Project as well as a schedule for the Project. The Enbridge Gas representative noted capacity funding would be available. The presentation was provided via email following the meeting.			Attachment 3.11
3.12	February 16, 2022	Email	An Enbridge Gas representative emailed the CKSPFN representatives providing them with a copy of the second virtual open house presentation slides. The Enbridge Gas representative advised the virtual open house would be available from February 14, 2022 to February 28, 2022 and provided a website link.			Attachment 3.12 Environmental Report (Exhibit F, Tab 1, Schedule 1, Attachment 1, Appendix B3)
3.13	February 17, 2022	Email	An Enbridge Gas representative emailed the CKSPFN representatives providing an overview of topics of discussion from their February 11, 2022 meeting. The Enbridge Gas representative provided the information about the estimated value of the Project and proposed schedule. The Enbridge Gas representative advised capacity funding was available for engagement related to the Project.			Attachment 3.13
3.14	March 10, 2022	Email	An Enbridge Gas representative sent an email to the CKSFPN representatives to provide updates to action items from the February 11 meeting. The Enbridge Gas representative provided the proposed budget and timelines for the Project as well as information. The Enbridge Gas representative requested a meeting to discuss other areas of interest outside of the Project process and suggested to meet in April to discuss.			Attachment 3.14
3.15	April 8, 2022	In person Meeting	An Enbridge Gas representative met in person with a CKSFPN representative to discuss supply chain management and possible business opportunities for Indigenous Nations on the Project.			
3.16	April 11, 2022	Email	An Enbridge Gas representative emailed the CKSFPN representatives providing a letter and maps detailing a change in scope for the Project and			Attachment 3.16

			noted the environmental report would likely be completed by end of April 2022. The Enbridge Gas representative requested their availability for a Project update meeting. The Enbridge Gas representative noted capacity funding was available and requested a proposal if funding was needed.			
3.17	April 29, 2022	Email	An Enbridge Gas representative emailed the CKSPFN representative to advise that the Environmental Report was available and provided the Internet link for the report. The Enbridge Gas representative requested that any comments be provided on the Environmental Report by June 10, 2022, as per the Guidelines. Capacity funding was offered to enable CKSPFN to engage in timely technical reviews of documents and to allow for meaningful consultation.			Attachment 3.17
3.18	May 6, 2022	Email	An Enbridge Gas representative emailed the CKSPFN representatives providing a monthly update on all the Leave to Construct Enbridge Gas projects and the status of these projects.			Attachment 3.18
				The CKSFPN representative, on the same day, acknowledged the receipt of the email.		
3.19	May 27, 2022	Email	An Enbridge Gas representative emailed the CKSPFN representative to provide a reminder about comments on the Environmental Report. The Enbridge Gas representative advised that the deadline is June 10, 2022 but comments from CKSPFN would be accepted after that date.			Attachment 3.19

**Chippewas of the Thames First Nation (COTTFN)**

Line Item	Date	Method	Summary of Engagement Activity	Response from Community/Outstanding Issues	Outstanding Issues or Concerns	Attachment
4.1	October 15, 2021	Email	An Enbridge Gas representative emailed the COTTFN representative providing a Project notification letter, notice of commencement of the Project and maps of the Project. The letter provided an overview of the Project, noted capacity funding would be available and requested a meeting to discuss the Project.			Attachment 4.1
4.2	November 17, 2021	Email	An Enbridge Gas representative emailed the COTTFN representative providing a copy of the open house			Attachment 4.2

			slides for the Project and a website link for the virtual open house. The Enbridge Gas representative noted the virtual open house would be open for two weeks.			Environmental Report (Exhibit F, Tab 1, Schedule 1, Attachment 1, Appendix B3)
4.3	December 13, 2021	Email		A COTTFN representative emailed the Enbridge Gas representative wanting to set up a meeting with Chief and Council to review the Project.		Attachment 4.3
			<p>On December 14, 2021, an Enbridge Gas representative responded to the COTTFN representative to acknowledge the request and advise that they were seeking out a date from the Project team.</p> <p>On December 15, 2021, an Enbridge Gas representative confirmed January 24 for a presentation on the Project to Chief and Council.</p>			
4.4	January 17, 2022	Email		A COTTFN representative emailed the Enbridge Gas representative to check in on the January 24 meeting date and time. A COTTFN representative requested a map with the other Enbridge Gas Projects on it.		Attachment 4.4
			<p>On the same day, an Enbridge Gas representative respond to the COTTFN representative advising that they would be providing a presentation for the meeting and it would include a map.</p>			
4.5	January 19, 2022	Email	An Enbridge Gas representative emailed the COTTFN representative providing them with a copy of the presentation and an agenda for their conference call on January 24, 2022 to discuss the Project and other Enbridge Gas projects. The Enbridge Gas representative requested a Zoom meeting invitation and provided a list of Enbridge Gas attendees for the meeting.			Attachment 4.5
4.6	January 21, 2022	Email	An Enbridge Gas representative emailed the COTTFN representative providing an updated presentation for their January 24, 2022 conference call.			Attachment 4.6
4.7	January 24, 2022	Virtual Meeting and Email	<p>Enbridge Gas representatives had a virtual meeting with the COTTFN representative regarding the Project. Topics of discussion included a Project overview and routing.</p>	<p>During the meeting, a COTTFN representative inquired about capacity funding and Enbridge Gas representative advised that it would provide capacity funding.</p>		Attachment 4.7
			<p>An Enbridge Gas representative followed up, on January 25, 2022, with</p>			

			an email thanking them for the meeting.			
4.8	January 26, 2022	Email	An Enbridge Gas representative emailed the COTTFN representative providing a notice of a second virtual open house for the Project that would be available from February 14 to 28, 2022.			Attachment 4.8
4.9	February 14, 2022	Email		A COTTFN representative emailed an Enbridge Gas representative requesting a single map for the entire Project.		Attachment 4.9
			An Enbridge Gas representative emailed the COTTFN representatives advising they would follow up with a complete Project map.			
4.10	February 16, 2022	Email	An Enbridge Gas representative emailed the COTTFN representative to provide a Project map.			Attachment 4.10
4.11	March 28, 2022	Multiple Emails	An Enbridge Gas representative emailed the COTTFN representative to set up a time to visit and learn the new consultation portal that is being used and provide Project updates.			Attachment 4.11
				The parties agreed to meet on April 7.		
4.12	April 8, 2022	Email	An Enbridge Gas representative emailed the COTTFN representative providing a letter and maps detailing a change in scope for the Project. The Enbridge Gas representative confirmed they would visit the COTTFN representative in-person on April 21, 2022.			Attachment 4.12
				The COTTFN representative responded asking about the timelines for the environmental report.		
			An Enbridge Gas representative addressed their questions regarding capacity funding when they met on April 21, 2022.			
4.13	April 21, 2022	In person Meeting	An Enbridge Gas representative met with COTTFN representatives to provide updates on current Enbridge Gas projects, including the Project and the upcoming environmental report and to receive training on NationsConnect, the data gathering software that COTTFN uses to keep track of the projects the community is involved with. COTTFN is facilitating Archaeological Monitor training the week of April 25, with 10 participants.			

			Discussed how Enbridge Gas could assist in future community capacity building initiatives.			
4.14	April 29, 2022	Email	An Enbridge Gas representative emailed the COTTFN representative to advise that the Environmental Report was available and provided the Internet link for the report. The Enbridge Gas representative requested that any comments be provided on the Environmental Report by June 10, 2022, as per the Guidelines. Capacity funding was offered to enable COTTFN to engage in timely technical reviews of documents and to allow for meaningful consultation.			Attachment 4.14
4.15	May 26, 2022	Email	An Enbridge Gas representative emailed the COTTFN representatives providing a monthly update on all the Leave to Construct Enbridge Gas projects and the status of these projects.			Attachment 4.15
4.16	May 27	Email	An Enbridge Gas representative emailed the COTTFN representative to provide a reminder about comments on the Environmental Report. The Enbridge Gas representative advised that the deadline is June 10, 2022 but comments from COTTFN would be accepted after that date.			Attachment 4.16
<b>Oneida Nation of the Thames (Oneida Nation)</b>						
Line Item	Date	Method	Summary of Engagement Activity	Response from Community/Outstanding Issues	Outstanding Issues or Concerns	Attachment
5.1	October 15, 2021	Email	An Enbridge Gas representative emailed the Oneida Nation representative providing a Project notification letter, notice of commencement of the Project and maps of the Project. The letter provided an overview of the Project, noted capacity funding would be available and requested a meeting to discuss the Project.			Attachment 5.1
5.2	November 17, 2021	Email	An Enbridge Gas representative emailed the Oneida Nation representative providing them with a copy of the open house slides for the			Attachment 5.2 Environmental Report (Exhibit

			Project and a website link for the virtual open house.			F, Tab 1, Schedule 1, Attachment 1, Appendix B3)
5.3	December 9, 2021	Virtual Meeting	An Enbridge Gas representative met with the Oneida Nation representative regarding the Project. The Enbridge Gas representative provided the Oneida Nation representative with a copy of the virtual open house slides and a business information sheet to obtain a list of the Oneida Nation's businesses or affiliated businesses that could be added in Enbridge Gas's Indigenous database. The Enbridge Gas representative advised they would arrange a follow up meeting with the Oneida Nation representative in January 2022.			
5.4	December 14, 2021	Email	An Enbridge Gas representative emailed the Oneida Nation representative following up on their December 9, 2021 meeting and advised they were available for questions about the Project should any arise.			Attachment 5.4
5.5	January 26, 2022	Email	An Enbridge Gas representative emailed the Oneida Nation representative providing a notice of a second virtual open house for the Project that would be available from February 14 to 28, 2022.			Attachment 5.5
5.6	February 16, 2022	Email	An Enbridge Gas representative emailed the Oneida Nation representative providing them with a copy of the second virtual house presentation slides.			Attachment 5.6 Environmental Report (Exhibit F, Tab 1, Schedule 1, Attachment 1, Appendix B3)
5.7	April 8, 2022	Email	An Enbridge Gas representative emailed the Oneida Nation representative providing a letter and maps detailing a change in scope for the Project. The Enbridge Gas representative advised they would be available for an in-person meeting between April 19 and 22, 2022.			Attachment 5.7
5.8	April 29, 2022	Email	An Enbridge Gas representative emailed the Oneida Nation representative to advise that the Environmental Report was available and provided the Internet link for the report. The Enbridge Gas representative requested that any comments be provided on the Environmental Report by June 10, 2022, as per the Guidelines. Capacity funding			Attachment 5.8

			was offered to enable Oneida Nation to engage in timely technical reviews of documents and to allow for meaningful consultation.			
5.9	May 26, 2022	Multiple Emails	An Enbridge Gas representative emailed the Oneida Nation representatives providing a monthly update on all the Leave to Construct Enbridge Gas projects and the status of these projects.			Attachment 5.9
				On the same day, the Oneida Nation representative emailed the Enbridge Gas representative requesting a time to meet as the community has an upcoming election.		
			The Enbridge Gas representative suggested June 8, 2022 for a meeting.			
5.10	May 27, 2022	Email	An Enbridge Gas representative emailed the Oneida Nation representative to provide a reminder about comments on the Environmental Report. The Enbridge Gas representative advised that the deadline is June 10, 2022 but comments from Oneida Nation would be accepted after that date.			Attachment 5.10
<b>Walpole Island First Nation (WIFN)</b>						
Line Item	Date	Method	Summary of Engagement Activity	Response from Community/Outstanding Issues	Outstanding Issues or Concerns	Attachment
6.1	February 17, 2021	Email	An Enbridge Gas representative emailed the WIFN representatives to provide an initial notification on Expression of Interest for the Project. The Enbridge Gas representative provided an overview of the Project. The Enbridge Gas representative provided a website link for additional information and suggested a meeting to discuss the Project.			Attachment 6.1
6.2	July 9, 2021	Email	An Enbridge Gas representative emailed the WIFN representatives to provide an initial notification for the potential Project. The Enbridge Gas representative advised that Enbridge Gas would submit the Project notification to the Ministry of Energy, Northern Development and Mines and would follow up with the community once more details were known. The Enbridge Gas representative provided			Attachment 6.2

			the WIFN representative with a study map for the Project.			
6.3	July 23, 2021	Virtual Meeting	An Enbridge Gas representative had a virtual meeting with the WIFN representative regarding the Project and other Enbridge Gas projects. Topics of discussion included a brief Project update.			Attachment 6.3
6.4	October 15, 2021	Email	An Enbridge Gas representative emailed the WIFN representatives providing a Project notification letter, notice of commencement and maps of the proposed Project. The letter provided an overview of the Project, noted capacity funding would be available and requested a meeting to discuss the Project.			Attachment 6.4
6.5	November 10, 2021	Multiple Emails		An WIFN representative emailed the Enbridge Gas representative requesting a virtual meeting to provide an update on the Project and other Enbridge Gas proposed projects. The parties decided to meet on November 15, 2021.		Attachment 6.5
			An Enbridge Gas representative responded that they would forward the WIFN representative a presentation related to the Project prior to the meeting. An Enbridge Gas representative sent the slides for the meeting to the WIFN representative on November 12, 2022			
6.6	November 15, 2021	Virtual Meeting	An Enbridge Gas representative met with the WIFN representative to discuss the Project and other Enbridge Gas proposed projects. The Enbridge Gas representative reviewed a PowerPoint presentation that contained information and the scope of each project as well as a map.  The Enbridge Gas representative noted capacity funding would be available for the Project.	The WIFN representative advised they would like to have a copy of the slides from the Project open house to provide to a third party  The WIFN representative advised that the area between Thames River and Jeanettes creek is very significant to WIFN and the Three Fires Confederacy.		Attachment 6.6
6.7	November 18, 2021	Email	An Enbridge Gas representative emailed the WIFN representative providing them with a copy of the Project open house slides and a website link for the virtual open house. The Enbridge Gas representative noted the virtual open house would be open for two weeks.			Attachment 6.7  Environmental Report (Exhibit F, Tab 1, Schedule 1, Attachment 1, Appendix B3)

6.8	January 10, 2022	Email	An Enbridge Gas representative sent an email to the WIFN representative requesting a meeting to provide an update on the Project and additional proposed Enbridge Gas projects. The Enbridge Gas representative requested the WIFN representative provide some dates that would work best to meet to discuss the projects.			Attachment 6.8
6.9	January 26, 2022	Email	An Enbridge Gas representative emailed the WIFN representatives to provide a notice of a second virtual open house that would be available from February 14 to 28, 2022. An Enbridge Gas representative advised they would provide them with a copy of the presentation and indicated capacity funding was available for participation in the Project.			Attachment 6.9
6.10	January 27, 2022	Virtual Meeting	<p>An Enbridge Gas representative met with the WIFN representatives to review the Project and additional proposed Enbridge Gas Projects. The parties discussed ways that WIFN could be involved for cultural awareness on the Project including education sessions for Project staff.</p> <p>An Enbridge Gas representative emailed the WIFN representatives following up on the meeting to provide an updated presentation. The Enbridge Gas representative advised capacity funding was available for technical review of documents and requested a quote for services. The Enbridge Gas representative advised that another Enbridge Gas representative would follow up with them regarding potential types of economic opportunities and the procurement process.</p>			Attachment 6.10
6.11	February 16, 2022	Email	An Enbridge Gas representative emailed the WIFN representatives providing them with a copy of the second virtual open house slides. The Enbridge Gas representative advised the virtual open house would be available from February 14, 2022 to February 28, 2022 and provided a website link.			Attachment 6.11 Environmental Report (Exhibit F, Tab 1, Schedule 1, Attachment 1, Appendix B3)
6.12	April 11, 2022	Email	An Enbridge Gas representative emailed the WIFN representatives providing a letter and maps detailing a change in scope for the Project and noted the environmental report would likely be completed by the end of April 2022. The Enbridge Gas representative			Attachment 6.12

			requested their availability for a Project update meeting in May 2022.			
6.13	April 29, 2022	Email	An Enbridge Gas representative emailed the WIFN representative to advise that the Environmental Report was available and provided the Internet link for the report. The Enbridge Gas representative requested that any comments be provided on the Environmental Report by June 10, 2022, as per the Guidelines. Capacity funding was offered to enable WIFN to engage in timely technical reviews of documents and to allow for meaningful consultation.			Attachment 6.13
6.14	May 6, 2022	Email	An Enbridge Gas representative emailed the WIFN representatives providing a monthly update on all the Leave to Construct Enbridge Gas projects and the status of these projects.			Attachment 6.14
6.15	May 16, 2022	Email	An Enbridge Gas representative emailed the WIFN representatives to follow up on the Environmental Report review and advised that capacity funding was available for the review.			Attachment 6.15
				On the same day, WIFN provided a proposed quote for the capacity funding which was accepted by Enbridge Gas.		
6.16	May 27, 2022	Email	An Enbridge Gas representative emailed the WIFN representative to provide a reminder about comments on the Environmental Report. The Enbridge Gas representative advised that the deadline is June 10, 2022 but comments from WIFN would be accepted after that date.			Attachment 6.16
6.17	June 6, 2022	Email	An Enbridge Gas representative emailed the WIFN representative to provide an additional copy of the Project notification letter, notice of commencement and maps of the proposed Project. The Enbridge Gas representative was unable to find the email sent on October 15, 2021 and wanted to ensure that WIFN had this information.			Attachment 6.17
<b>Eelūnaapèewii Lahkèewiit (“Delaware Nation”)</b>						
Line Item	Date	Method	Summary of Engagement Activity	Response from Community/Outstanding Issues	Outstanding Issues or Concerns	Attachment
7.1	October 15, 2021	Email	An Enbridge Gas representative emailed the Delaware Nation representative providing a Project notification letter, notice of commencement and maps of the proposed Project. The letter provided an overview of the Project, noted			Attachment 7.1

			capacity funding would be available and requested a meeting to discuss the Project.			
7.2	November 18, 2021	Email	An Enbridge Gas representative emailed the Delaware Nation representative providing them with a copy of the presentation and a website link for the virtual open house. The Enbridge Gas representative noted the virtual open house would be open for two weeks.			Attachment 7.2  Environmental Report (Exhibit F, Tab 1, Schedule 1, Attachment 1, Appendix B3)
7.3	January 26, 2022	Email	An Enbridge Gas representative emailed the Delaware Nation representative providing a notice of a second virtual open house that would be available from February 14 to 28, 2022. The Enbridge Gas representative advised they would provide them with a copy of the presentation and indicated capacity funding was available for participation in the Project.			Attachment 7.3
7.4	February 16, 2022	Email	An Enbridge Gas representative emailed the Delaware Nation representative providing the second virtual open house presentation slides. The Enbridge Gas representative advised the virtual open house would be available from February 14, 2022 to February 28, 2022 and provided a website link.			Attachment 7.4  Environmental Report (Exhibit F, Tab 1, Schedule 1, Attachment 1, Appendix B3)
7.5	April 11, 2022	Email	An Enbridge Gas representative emailed the Delaware Nation representative providing a letter and maps detailing a change in scope for the Project and noted the environmental report would likely be completed by the end of April 2022. The Enbridge Gas representative advised they were available to meet with the Delaware Nation representative to provide them with additional Project information. The Enbridge Gas representative noted capacity funding was available and requested a proposal if funding was needed.			Attachment 7.5
7.6	April 29, 2022	Email	An Enbridge Gas representative emailed the Delaware Nation representative to advise that the Environmental Report was available and provided the Internet link for the report. The Enbridge Gas representative requested that any comments be provided on the Environmental Report by June 10, 2022, as per Guidelines. Capacity funding was offered to enable Delaware Nation to			Attachment 7.6

			engage in timely technical reviews of documents and to allow for meaningful consultation.			
7.7	May 27, 2022	Email	An Enbridge Gas representative emailed the Delaware Nation representative to provide a reminder about comments on the Environmental Report. The Enbridge Gas representative advised that the deadline is June 10, 2022 but comments from Delaware Nation would be accepted after that date.			Attachment 7.7
7.8	June 7, 2022	Email	<p>An Enbridge Gas representative called the band office to seek out a contact. The band office provided the email for the Director of Operations.</p> <p>An Enbridge Gas representative forwarded the Project notification email to the Delaware Nation representation and advised that the others could be sent if interested. An Enbridge Gas representative also offered to have a meeting to discuss the Project.</p>			Attachment 7.8

**From:** [Lauren Whitwham](#)  
**To:** [Aamjiwnaang Environment](#); [Sharilyn Johnston](#)  
**Subject:** Enbridge proposed project: Panhandle Transmission System  
**Date:** Wednesday, August 11, 2021 3:41:47 PM  
**Attachments:** [image001.png](#)

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Good morning,

I wanted to provide you with a heads up of a proposed project that Enbridge is looking at. Enbridge is currently conducting a review for increasing the capacity of Enbridge Gas' Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent, providing access to safe, reliable and affordable natural gas.

This proposed project would take place in the area of Chatham Kent – Essex region.

At this time, the project is in the preliminary stages and various options are being examined based on costs, environmental impact and construction timelines.

We will be reaching out in the next little bit with our formal notification for the Project and to discuss and obtain your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts to Aboriginal or treaty rights.



Please let me know if you have any questions or concerns. I'll be in touch on this project once we have more information available.

Thanks and best wishes.  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Sharilyn Johnston](#); [Aamjiwnaang Environment](#)  
**Subject:** Notice of the Enbridge Proposed Panhandle Regional Expansion Project  
**Date:** Friday, October 15, 2021 10:34:24 AM  
**Attachments:** [Panhandle Regional Expansion Project Maps.pdf](#)  
[Notice of Commencement Panhandle AFN.pdf](#)  
[Proposed Panhandle Regional Expansion Project AFN.pdf](#)

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Good morning,

If you might recall, I sent an email back on August 11, 2021 letting you know of a potential proposed project to increasing the capacity of Enbridge Gas' Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent, providing access to safe, reliable and affordable natural gas.

Enbridge has decided to proceed with the proposed Panhandle Regional Expansion Project

Please find attached:

1. Letter about the Proposed Project
2. Study area map of the Proposed Project
3. Notice of Commencement which contains the Virtual Open House dates (November 17-December 3, 2021 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle))

We are interested in your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on your Aboriginal or treaty rights.

Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents, participation in field work associated with proposed projects, and to engage in meaningful consultation. As is our approach on all projects, we are prepared to provide capacity funding to support your team's work.

Thanks and have a good weekend,  
Lauren



Enbridge Inc  
109 Commissioners Road West,  
London, ON  
N6A4P1

Sharilyn Johnston  
Aamjiwnaang First Nation  
978 Tashmoo Ave  
Sarnia, ON  
N7T 7H5

October 15, 2021

Dear Sharilyn,

**Re: Notice of the Proposed Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The Panhandle Regional Expansion Project (the Project) includes the construction of the following:

- Approximately 23 kilometres (km) of new pipeline looping the existing 20-inch Panhandle Pipeline. The new pipeline will be up to 42 inches in diameter and located adjacent to an existing pipeline corridor between Comber and Dover Transmission Stations.
- Construction of a new 16-inch pipeline adjacent to or within existing road rights-of-way on public or private property to connect the Leamington North Line to both the Kingsville East Line and Leamington North Reinforcement Line. The pipeline is approximately 12 km in length.
- Construction of a new 16-inch pipeline to connect the Tilbury East Valve Site to the Wheatley Road Station. The pipeline is approximately 6 km and will be located adjacent to or within existing road rights-of-way on public or private property.

Where possible, the Project will be located within existing road allowances, utility corridors and rights-of-way. While a preliminary preferred Project route has not yet been determined Enbridge Gas anticipates that permanent easement and temporary working space and laydown areas may be required. Enbridge Gas will work with regulators and landowners to identify and secure appropriate working space and easements as required.

As part of the planning process for the Project, Enbridge Gas has and will retain an external consulting firm to undertake an Environmental Study of the construction and operation of the Project. The Environmental Study as required by the Ontario Energy Board's (OEB)



Enbridge Inc  
109 Commissioners Road West,  
London, ON  
N6A4P1

*"Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".*

Enbridge Gas' preliminary work on the Project has identified the following potential authorizations:

Provincial:

- Ontario Energy Board;
- Infrastructure Ontario;
- Ministry of Transportation;
- Ministry of Heritage, Sports, Tourism and Culture Industries ("MHSTCI");
- Ministry of Environment, Conservation and Parks;
- Ministry of Indigenous Affairs; and
- Hydro One.

Municipal:

- The Municipality of Chatham-Kent;
- The County of Essex;
- The Town of Kingsville;
- The Municipality of Leamington;
- The Town of Tecumseh;
- The Municipality of Lakeshore; and
- The City of Windsor.

Other:

- Indigenous engagement;
- Landowner agreements;
- Lower Thames Valley Conservation Authority;
- Essex Region Conservation Authority; and
- Utility circulation.

We would like to consult with your community on the proposed Project. We are interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts the Project may have on your Aboriginal or treaty rights.

Enbridge Gas acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents, participation in field work associated with the Project, and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the Project.



Enbridge Inc  
109 Commissioners Road West,  
London, ON  
N6A4P1

Enbridge Gas has been delegated the procedural aspects for consultation by the Ministry of Energy on behalf of Ontario. Ministry officials are also available should you wish to contact them directly with any questions or concerns. Please contact:

Gillian Brown  
Senior Advisor, Indigenous Energy Policy  
gillian.brown2@Ontario.ca

We would like to set up a meeting to discuss the Project with you to provide you with an opportunity to express any questions or concerns you have. Please feel free to contact me at [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com) or 519-852-3474 so we can set up a time to meet. You may also provide me with any feedback you may have regarding the Project in writing by November 19, 2021, if possible.

Many thanks,

A handwritten signature in black ink, appearing to read 'Lauren Whitwham', written in a cursive style.

Lauren Whitwham  
Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Enbridge Inc.  
519-852-3474  
Lauren.whitwham@enbridge.com



Enbridge Gas Inc.  
500 Consumers Road  
North York, ON M2J 1P8  
Canada

October 15, 2021

Sharilyn Johnston  
Environment Coordinator  
Aamjiwnaang First Nation  
978 Tashmoo Avenue  
Sarnia, ON N7T 7H5

Dear Sharilyn Johnston:

**Regarding: Project Commencement and Virtual Information Session for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The Panhandle Regional Expansion Project includes the construction of the following:

- Approximately 23 kilometres (km) of new pipeline looping the existing 20-inch Panhandle Pipeline. The new pipeline will be up to 42 inches in diameter and located adjacent to an existing pipeline corridor between Enbridge Gas' Comber Transmission Station, located in the Municipality of Lakeshore, and its Dover Transmission Station, located in the Municipality of Chatham-Kent.
- Construction of a new pipeline up to 16 inches in diameter adjacent to or within existing road rights-of-way on public or private property to connect the Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line. The pipeline is approximately 12 km in length and would be located in both the Town of Kingsville and the Municipality of Leamington.
- Construction of a new pipeline up to 16 inches in diameter to connect the Tilbury East Valve Site to the Wheatley Road Station. The pipeline is approximately 6 km and will be located adjacent to or within existing road rights-of-way on public or private property either within the Municipality of Chatham-Kent or the Municipality of Lakeshore.

The location of the project and preliminary preferred routes for each segment are shown on the attached figures.

AECOM has been retained by Enbridge to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The report will outline potential pipeline route evaluations and plans for avoiding and/or mitigating any effects, where possible. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*. The ER will accompany a Leave-to-Construct application that will

be submitted to the OEB in the spring of 2022. OEB review and approval is required before this project can proceed. Construction of the project is planned to begin as early as spring of 2023.

A key part of the planning process involves consultation with Indigenous Communities, local landowners, government agencies and other interested parties that could be impacted by the project. A virtual information session is planned to provide interested parties an opportunity to learn and comment on the proposed routes. It will also provide an overview of the planning process and studies completed.

The purpose of this letter is to invite you to attend the virtual information session and provide feedback in a format that is convenient for you:

Virtual Information Session	
Date:	Materials will be available at 5 p.m. on November 17, and available until December 3.
Website:	<a href="http://www.virtualengagement.ca/panhandle">www.virtualengagement.ca/panhandle</a>

If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

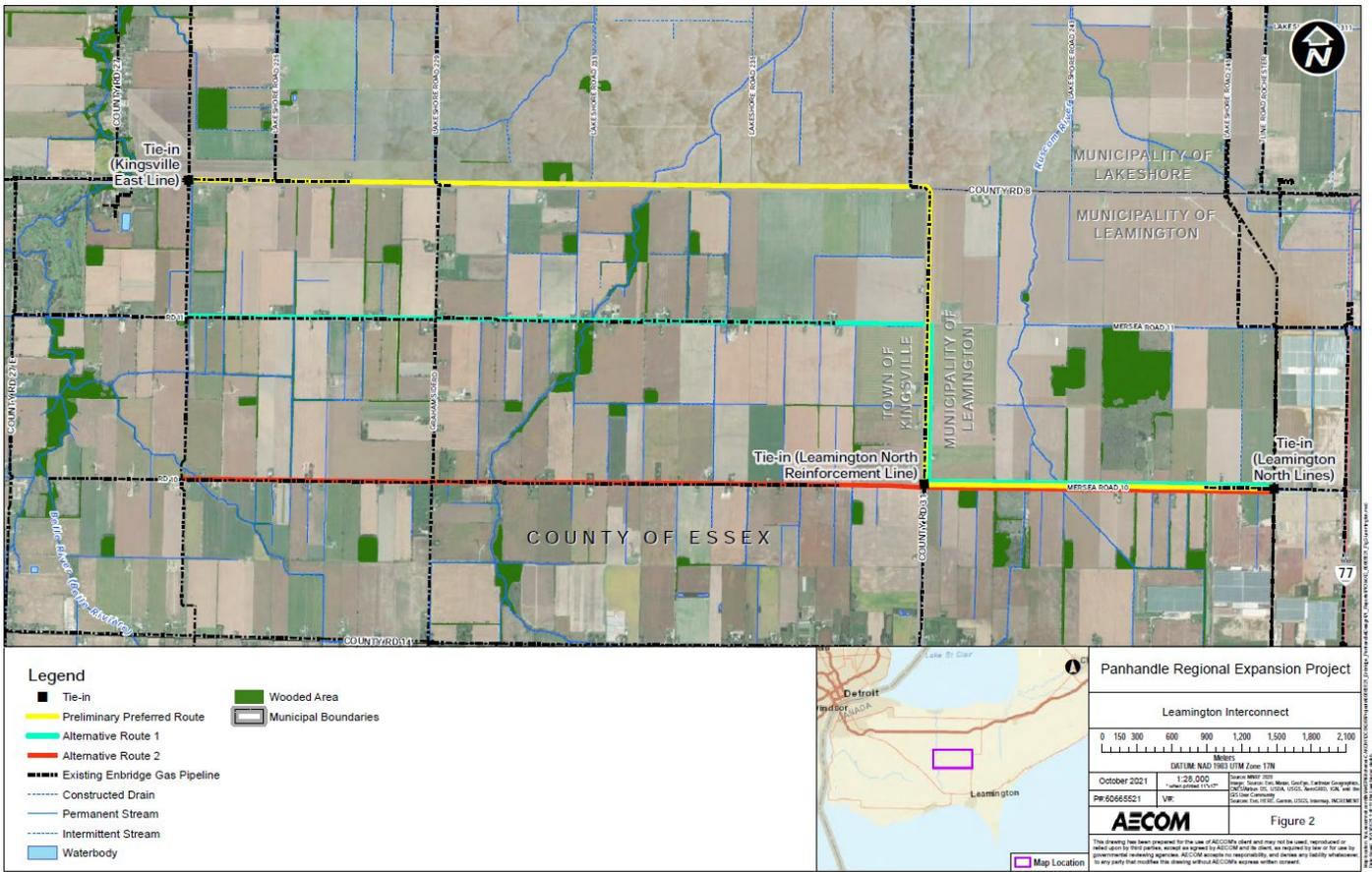
Sincerely,



Lauren Whitwham  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)  
Phone: (519) 852-3474

CC: Evan Tomek - Enbridge Inc.  
Mark Van der Woerd - AECOM  
Kristan Washburn - AECOM  
Environmental Committee ([environment@aamjiwnaang.ca](mailto:environment@aamjiwnaang.ca)) - Aamjiwnaang First Nation







**From:** [Lauren Whitwham](#)  
**To:** [Sharilyn Johnston](#); [Aamjiwnaang Environment](#); [Courtney Jackson](#)  
**Subject:** Open House Slides for Panhandle Project  
**Date:** Thursday, November 18, 2021 8:30:31 AM  
**Attachments:** [2021-11-12-Final Panhandle Virtual Open House Full Slides.pdf](#)

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Good morning,

The Virtual Open House for the Panhandle Regional Expansion Project went live last night and will be open for the next two weeks. I've attached the VOH slide deck for you and included the link for the open house here: <https://www.virtualengagement.ca/panhandle>

If you have any questions and comments about the Open House slides, you can submitted on the VOH website or send them directly to me.

Looking forward to discussing this project with your Environmental Committee in the months to come. I will reach out in the new year to set up a meeting.

Thanks,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Cathleen O'Brien](#)  
**Cc:** [Aamijwnaang Environment](#)  
**Subject:** Virtual Open House #2 - Panhandle Regional Expansion Project  
**Date:** Wednesday, January 26, 2022 4:00:02 PM  
**Attachments:** [Virtual Open House 2 Panhandle AFN.pdf](#)

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Good afternoon Cathleen,

Hope this finds you well.

A key part of the planning process for our Panhandle Regional Expansion Project involves consultation with Indigenous Communities, local landowners, government agencies and other interested parties that could be impacted by the project.

A second virtual information session is planned to provide interested parties with an update on the project, along with an opportunity to learn about and comment on the proposed preferred routes for the Panhandle Loop, Leamington Interconnect, Wheatley Lateral Reinforcement (former Wheatley Interconnect segment) and preliminary preferred routes for the distribution pipelines. It will also provide an overview of the planning process and studies completed. We are interested in your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on your Aboriginal or treaty rights. Input received will help to confirm the selection of the preferred routes and to develop site-specific environmental protection or mitigation measures

The Virtual Open House #2 will be available from 5 p.m. on February 14, 2022 until February 28, 2022 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle) .

We will also provide you with a PDF copy of the slides used in the VOH #2 and if easier, we can send a hardcopy via post. Please let us know what works best for you and your Nation.

If you require capacity funding in order to participate or review the Virtual Open House, please let me know as we are happy to provide this to you.

Please let me know if you have any questions or concerns.

Take care and talk soon,  
Lauren



Enbridge Gas Inc.  
109 Commissioners Road W.  
London, ON N6A4P1

January 26, 2022

Cathleen O'Brien  
Environment Coordinator  
Aamjiwnaang First Nation  
978 Tashmoo Avenue  
Samia, ON N7T 7H5

Dear Cathleen O'Brien:

**Regarding: Notice of Second Virtual Information Session for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. As part of the proposed Panhandle Regional Expansion Project, Enbridge Gas has conducted a route analysis and selection process to determine the preferred routes, which include constructing the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville and the Municipality of Leamington.
- **Several distribution pipelines** varying in diameter and length to connect new large-volume customers to the Panhandle Transmission System. Please see below for further details on these pipelines.

A preliminary preferred route was presented for the Panhandle Loop and a preliminary preferred route and alternative routes were presented for the Leamington Interconnect during the first virtual information session, held between November 17 and December 3, 2021. Upon consideration of the feedback received during the session, the proposed routes were evaluated further, which has resulted in the selection of preferred routes found in **Figures 1 and 2** attached to this letter. In addition, since the first virtual information session, preliminary preferred routes for the proposed distribution pipelines have also been selected and will be presented in a second virtual information

session along with the preferred routes for the Panhandle Loop and Leamington Interconnect (see below for further details). The Wheatley Interconnect, which was previously presented during the first virtual information session, is now represented with the other distribution lines and this segment of pipeline has been selected as the preferred route. The distribution lines include:

- Talbot Road Reinforcement: Construction of a new distribution pipeline up to 8 inches in diameter travelling adjacent to or within an existing road allowance on public or private property along Talbot Road East in the Municipality of Leamington (Figure 3). The pipeline will be approximately 3.2 km in length.
- Oak Street and Essex Road 33 Reinforcement: Construction of a new distribution pipeline up to 6 inches in diameter travelling adjacent to or within existing road allowances on public or private property along Oak Street East and County Road 33 in the Municipality of Leamington (Figure 3). The pipeline will be approximately 1.9 km in length.
- Wheatley Lateral Reinforcement (formerly Wheatley Interconnect): Construction of a new distribution pipeline up to 8 inches in diameter starting from Enbridge Gas' Wheatley Road station and travelling west then south in an easement on private property to Goodreau Line. The pipeline will then travel east to a new proposed station at the intersection of Wheatley Road and Goodreau Line (preferred route). From this location, the new distribution line would travel east along Goodreau Line before turning southeast on Coatsworth Road to Talbot Trail (preliminary preferred route) (Figure 4). The pipeline will be approximately 16.1 km in length and all new pipelines on Goodreau Line and Coatsworth Road would either travel adjacent to or within existing road allowances on public or private property.

AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*. The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022 and will include both the transmission and distribution components of this project. OEB review and approval is required before this project can proceed. Construction is planned to begin as early as spring of 2023.

A key part of the planning process involves consultation with Indigenous and Métis Communities, local landowners, government agencies and other interested parties that could be impacted by the project. A second virtual information session is planned to provide interested parties with an update on the project, along with an opportunity to learn about and comment on the proposed preferred routes for the Panhandle Loop, Leamington Interconnect, Wheatley Lateral Reinforcement (former Wheatley Interconnect segment) and preliminary preferred routes for the distribution pipelines. It will also provide an overview of the planning process and studies completed. Input received will help to confirm the selection of the preferred routes and to develop site-specific environmental protection or mitigation measures.

The purpose of this letter is to provide an update on the latest developments of the project, as well as to invite you to attend the second virtual information session and provide feedback in a format that is convenient for you:

Virtual Information Session #2	
Date:	Materials will be available from 5 p.m. on February 14, 2022 until February 28, 2022.
Website:	<a href="http://www.virtualengagement.ca/panhandle">www.virtualengagement.ca/panhandle</a>

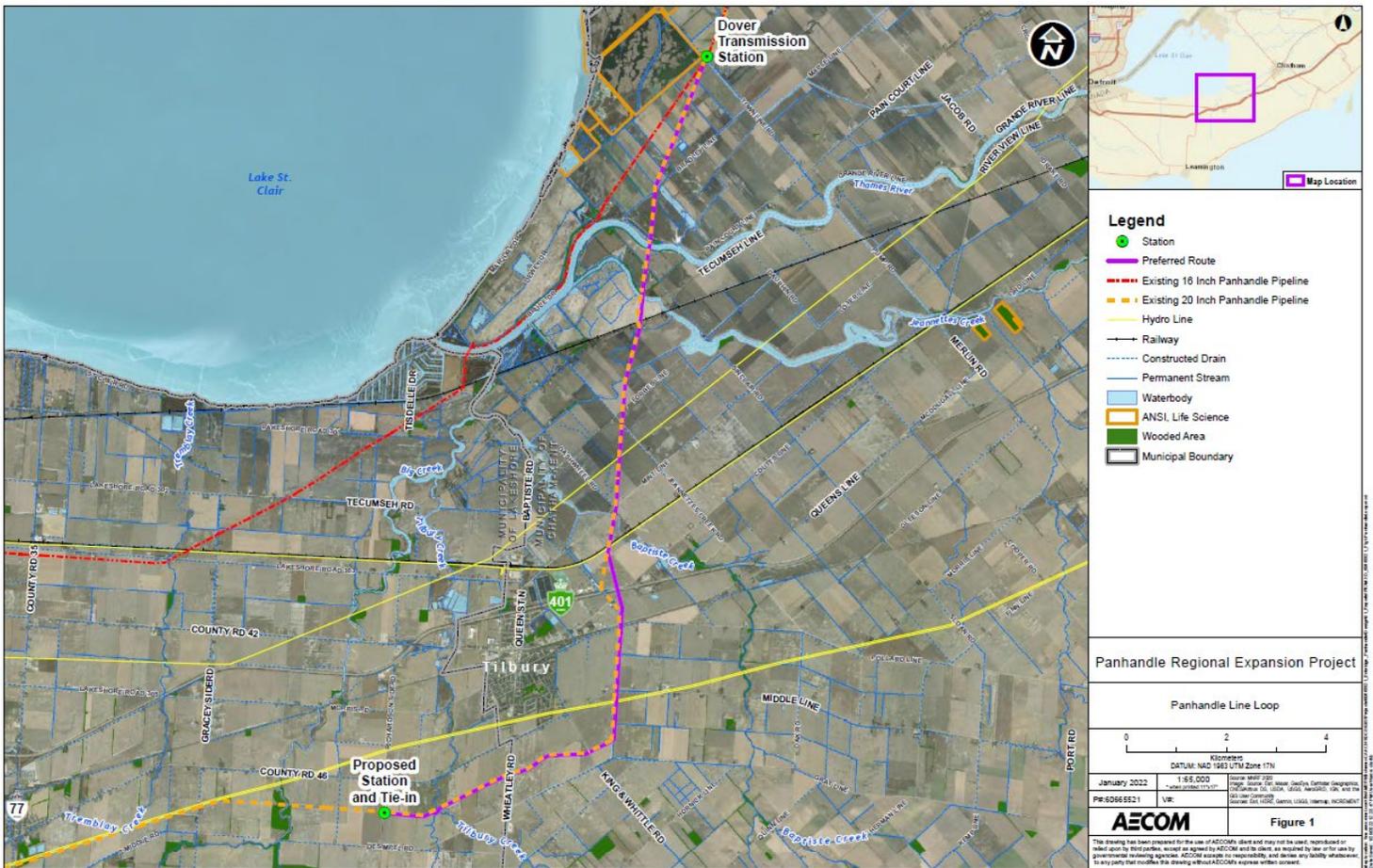
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

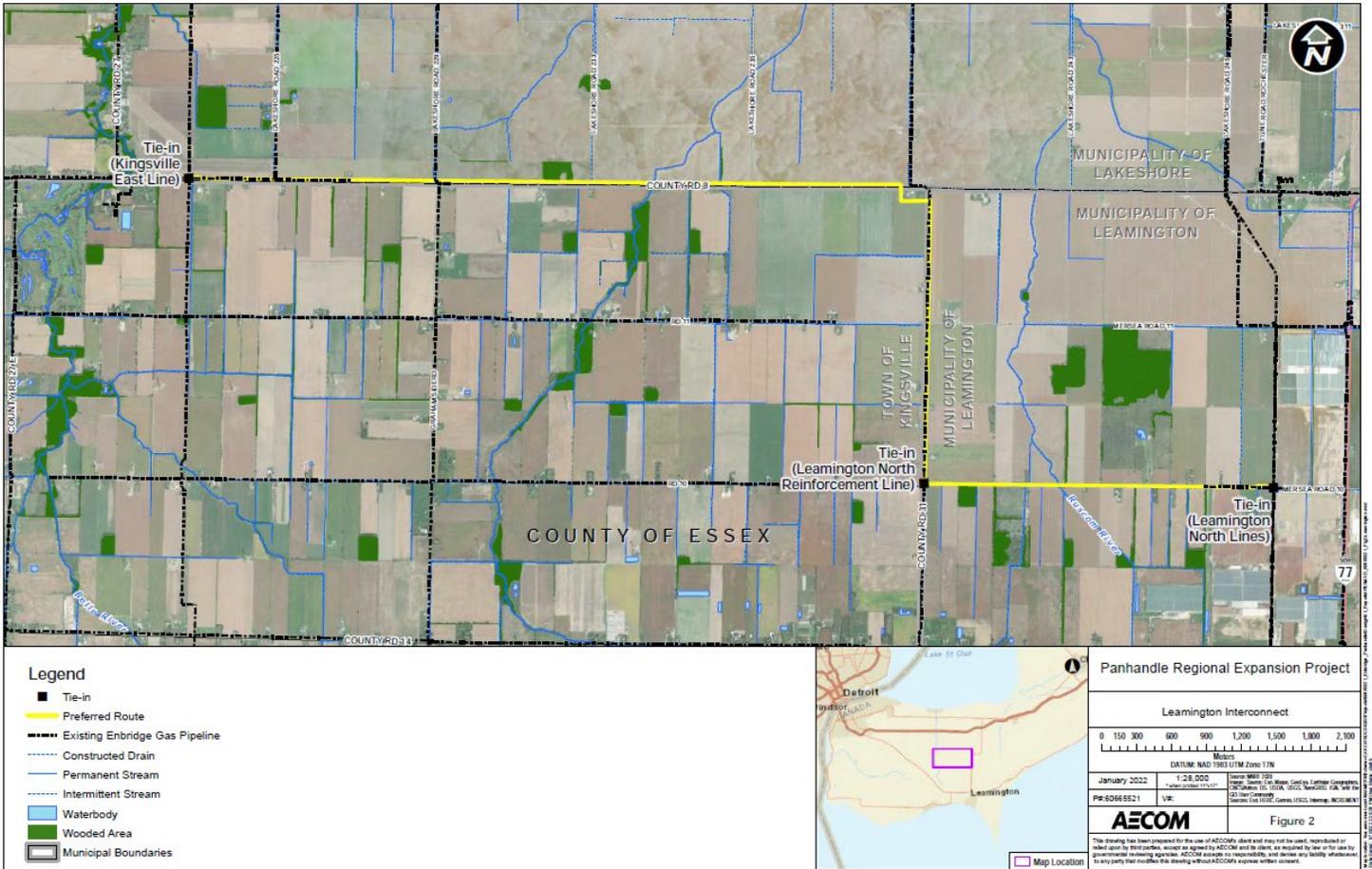
Sincerely,

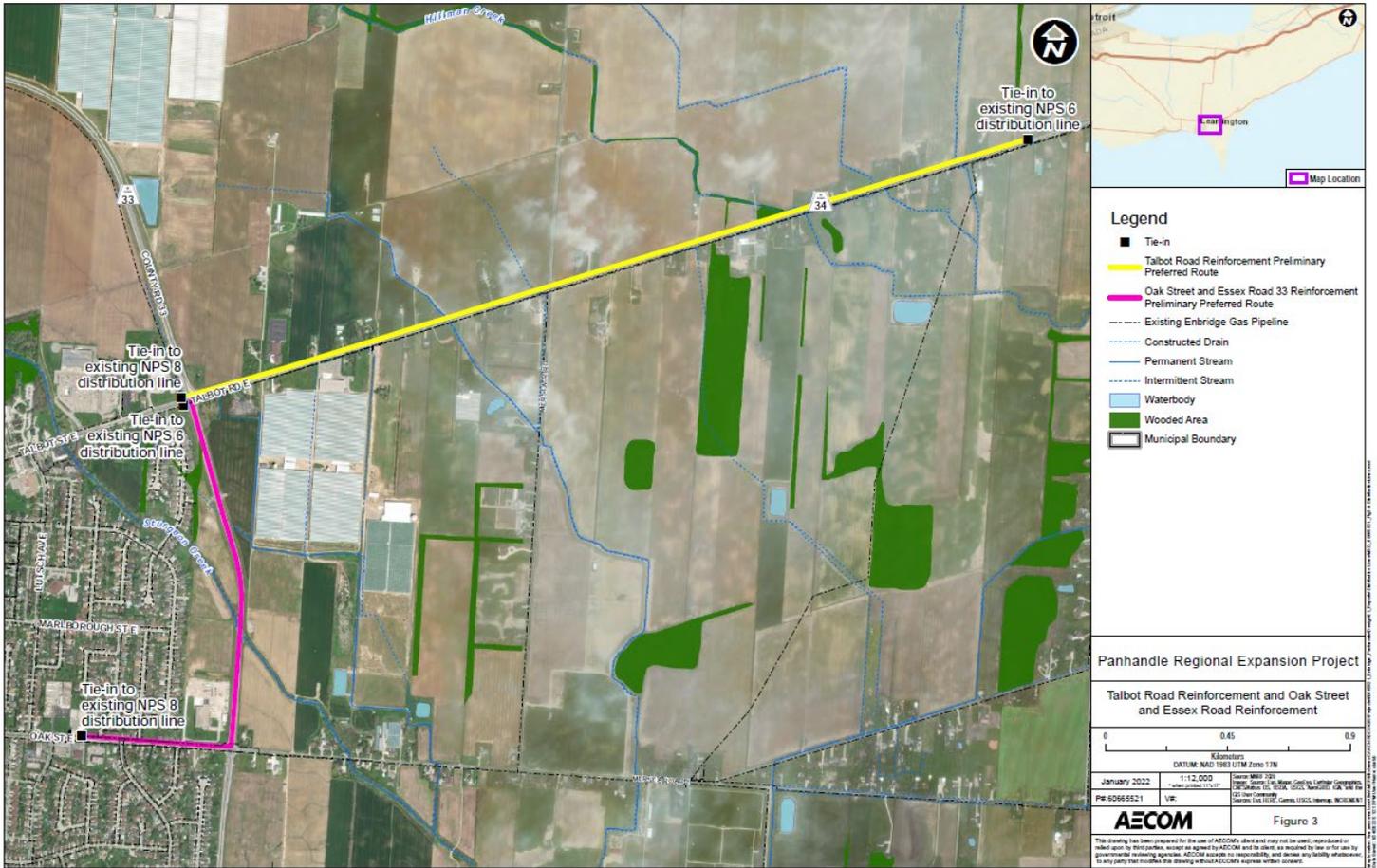


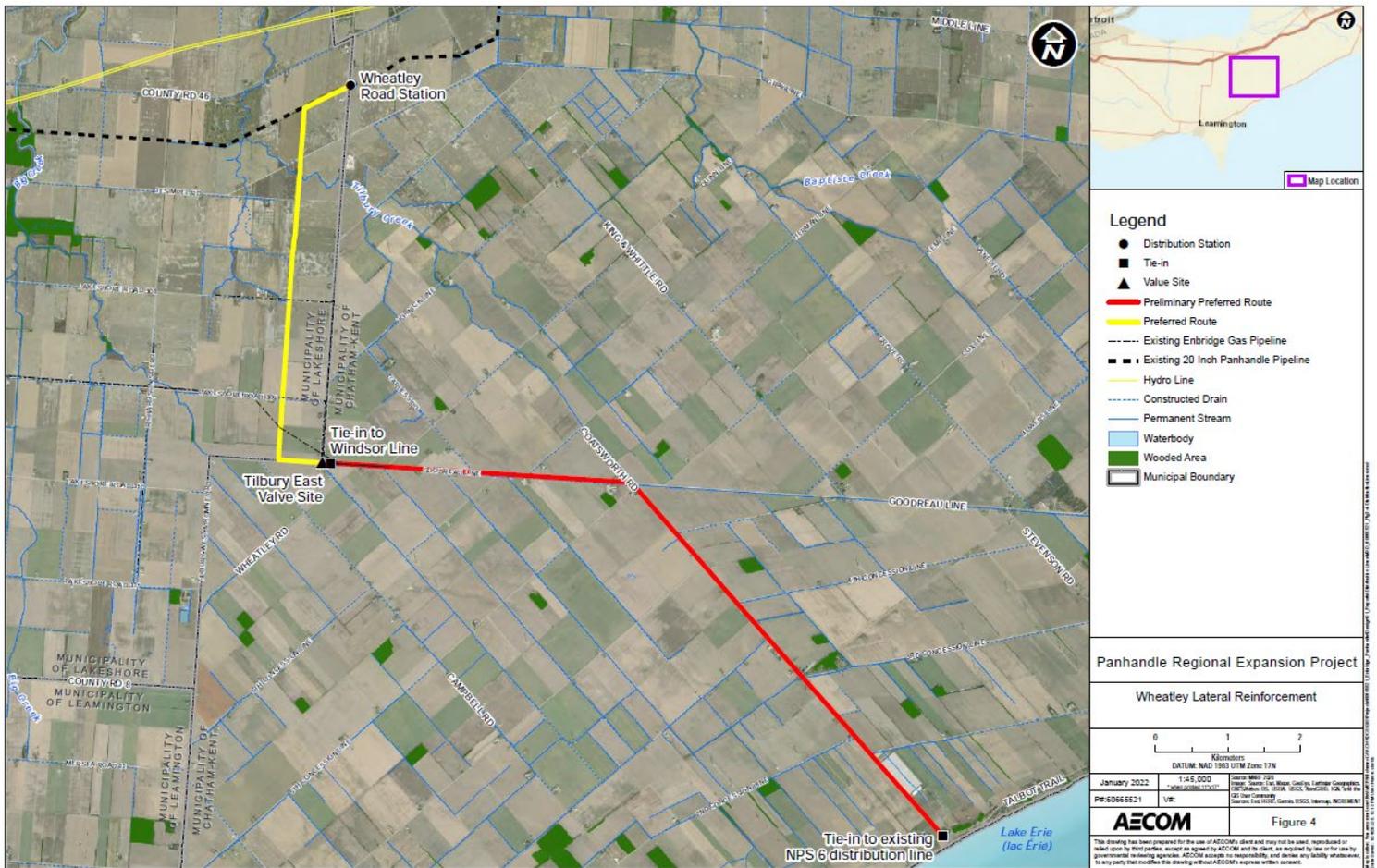
Lauren Whitwham  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Lauren.Whitwham@enbridge.com  
Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.  
Mark Van der Woerd – AECOM  
Kristan Washburn – AECOM  
Environmental Committee (environment@amjwnaang.ca) – Aamjiwnaang First Nation









**From:** [Lauren Whitwham](#)  
**To:** [Cathleen O'Brien](#)  
**Subject:** Meeting follow up: Enbridge Gas slides  
**Date:** Friday, January 28, 2022 2:49:28 PM  
**Attachments:** [Enbridge Proposed Projects update Jan 2022AFN.pdf](#)

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Hi there Cathleen,

It was great to virtually meet you yesterday. I look forward to working with you going forward.

I wanted to provide you with the slides that I reviewed yesterday so that you have them as a reference. Please let me know if you have any questions around the projects as I know it was a quick overview. I will forward the Panhandle VOH #2 slides to you once I receive them.

I recognize that there is a lot being thrown your way and anything I can do to help make things easier (acronym list, backgrounder etc), please let me know. Also, if you have any changes to how you would like proponents like Enbridge to engage with you on Projects, please let me know.

Have a great weekend and let me know if you have any questions or concerns.

Thanks,  
Lauren

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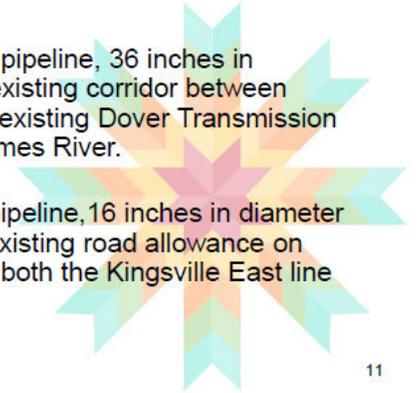
## Panhandle Regional Expansion Project



To serve an increased demand for energy in the region, Enbridge Gas is proposing to increase the capacity of our Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Lakeshore, Chatham-Kent, Windsor and all of Essex County. The project includes two transmission pipelines and three distribution pipelines:

### Two transmission pipelines:

1. Panhandle Reinforcement: Construction of a new natural gas transmission pipeline, 36 inches in diameter, 19 km in length. The new pipeline will be located adjacent to an existing corridor between Richardson Side Road in the Municipality of Lakeshore and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent. This project traverses the Thames River.
2. Leamington Interconnect: Construction of a new natural gas transmission pipeline, 16 inches in diameter and 12 km in length. The pipeline will be installed adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North lines to both the Kingsville East line and Leamington North Reinforcement line.



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## Panhandle Regional Expansion Project

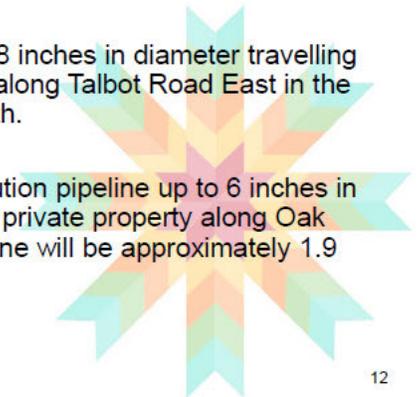


### Three distribution pipelines:

Wheatley Lateral Reinforcement: Construction of a new natural gas distribution pipeline, up to 8 inches in diameter and 16.1km in length. The distribution line will start from Enbridge Gas' Wheatley Road station then travel west then south in an easement on private property to Goodreau line. The pipeline will then travel east to a new proposed station at the intersection of Wheatley Road and Goodreau Line before turning southeast on Coatsworth Road to Talbot Trail, within existing road allowance.

Talbot Road Reinforcement: Construction of a new distribution pipeline up to 8 inches in diameter travelling adjacent to or within an existing road allowance on public or private property along Talbot Road East in the Municipality of Leamington. The pipeline will be approximately 3.2 km in length.

Oak Street and Essex Road 33 Reinforcement: Construction of a new distribution pipeline up to 6 inches in diameter travelling adjacent to or within existing road allowances on public or private property along Oak Street East and County Road 33 in the Municipality of Leamington. The pipeline will be approximately 1.9 km in length



12

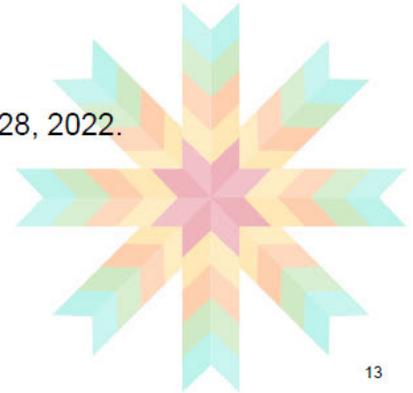
# Panhandle Regional Expansion Project



- Due to the scope of the project, the Ontario Energy Board (OEB) approval of the project is required prior to beginning construction.
- OEB application to be filed Q2 of 2022.
- If approved by the OEB, construction would begin in early 2023 and be complete by the end of 2023.

## Current project status:

- In the consultation phase and seeking public feedback
- Virtual Open House #2 will occur between February 14 and February 28, 2022.



# Panhandle Regional Expansion Project



## Panhandle Reinforcement

- Construction of 19 km of new pipeline, looping the existing 20-inch Panhandle Pipeline.
- The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and the Dover Transmission Station, located at Balmoral Line and Town Line Road in the Municipality of Chatham-Kent.
- Preferred route

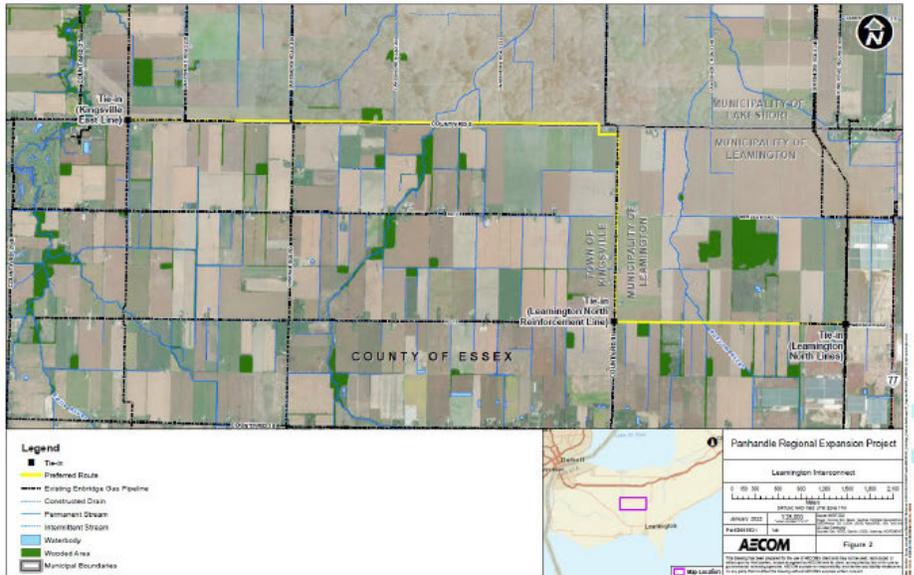


# Panhandle Regional Expansion Project



## Leamington Interconnect

- Construction of a new pipeline, 16 inches in diameter, adjacent to or within existing road rights-of-way, on public or private property.
- This will connect the existing Leamington North Line to both the existing Kingsville East Line and Leamington North Reinforcement Line and be approximately 12 km in length
- Preferred route

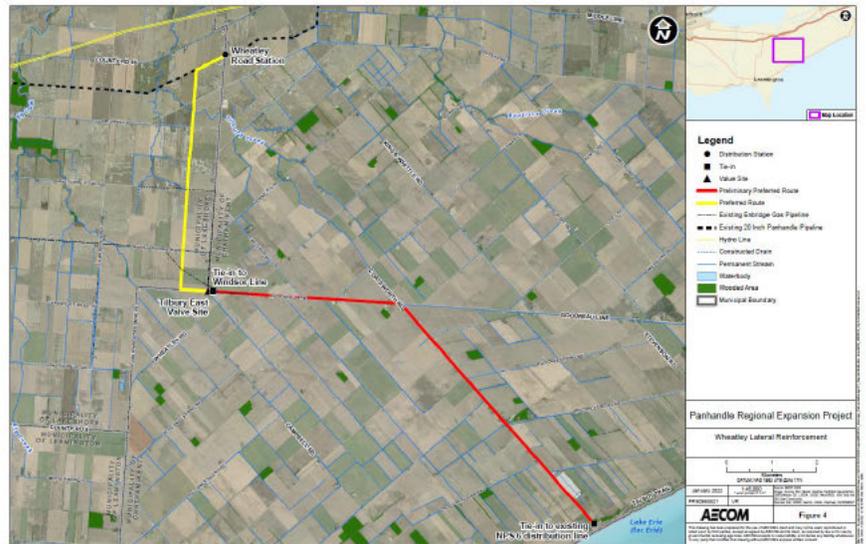


# Panhandle Regional Expansion Project



## Wheatley Lateral Reinforcement

- Construction of a new distribution line, up to 8 inches in diameter and 16.1km in length. The distribution line will start from Enbridge Gas' Wheatley Road station and travel to a new proposed station at the intersection of Wheatley Road and Goodreau Line. The distribution will then travel from the new station to Talbot Trail. All new pipelines on Goodreau Line and Coatsworth Road would either travel adjacent to or within existing road allowances.
- Preferred route (yellow) was presented during the first Virtual Information Session as a transmission line (Wheatley Interconnect) and now is distribution. Preliminary preferred route (red).

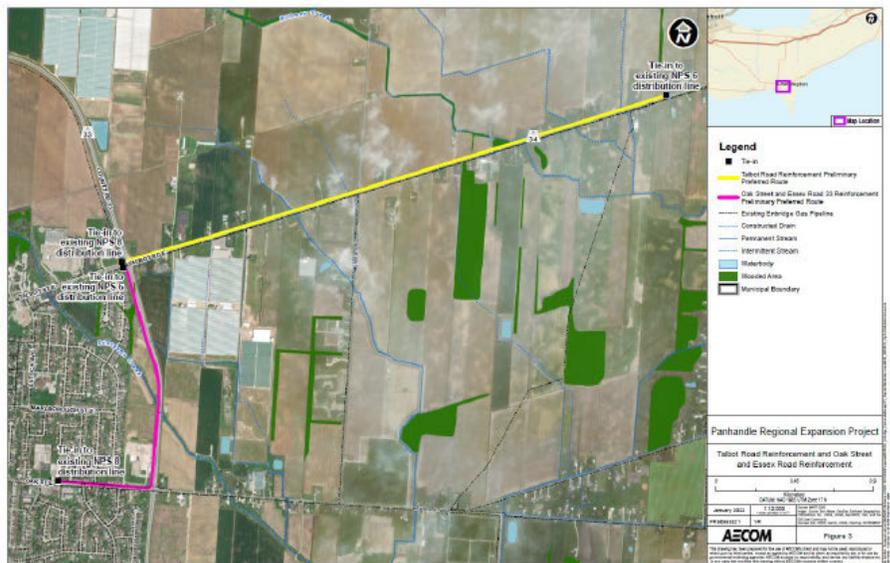


# Panhandle Regional Expansion Project



## Talbot Road Reinforcement and Oak Street and Essex Road 33 Reinforcement

- Distribution pipelines that will connect new large volume customers to the Panhandle Transmission System.
- Talbot Road Reinforcement: new distribution pipeline up to 8 inches in diameter travelling adjacent to or within road allowance along Talbot Road in Municipality of Leamington.
- Oak Street and Essex Road 33 Reinforcement: new distribution pipeline up to 6 inches in diameter traveling adjacent to or within road allowance along Oak Street and Essex Road 33 in Leamington.
- Preliminary preferred routes



**From:** [Lauren Whitwham](#)  
**To:** [Cathleen O'Brien](#)  
**Cc:** [Aamjiwnaang Environment](#); [lrosales@aamjiwnaang.ca](mailto:lrosales@aamjiwnaang.ca)  
**Subject:** VOH#2 Slides - Enbridge Gas Panhandle Regional Expansion Project  
**Date:** Wednesday, February 16, 2022 8:49:33 AM  
**Attachments:** [2022-02-09-FINAL Panhandle Virtual Open House Full Slides-Enbridge Edits.pptx](#)

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Good morning,

Please find the slides for the VOH #2 for the Panhandle Regional Expansion Project.

The Virtual Open House #2 will be available from 5 p.m. on February 14, 2022 until February 28, 2022 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle) .

If you have comments on the slides, please feel free to send them my way.

Thanks so much,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Cathleen O'Brien](#)  
**Cc:** [Irosales@aamjiwnaang.ca](mailto:Irosales@aamjiwnaang.ca); [Aamjiwnaang Environment](#)  
**Subject:** Scope change: Panhandle Regional Expansion Project  
**Date:** Monday, April 11, 2022 11:02:42 AM  
**Attachments:** [AFN Scope Change PREP .pdf](#)  
[MAP 60665521 Fig2-Leamington.pdf](#)  
[MAP 60665521 Fig1-PanhandleLoop.pdf](#)

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Hi Cathleen,

Hope this finds you well.

I wanted to provide you some information on the scope change for our Panhandle Regional Expansion Project. Please find attached a letter explaining it along with two maps to provide further details.

The environmental report will be ready, hopefully, by month's end. I'd like to get a time to discuss the ER as well as the final scope for this project with the Environmental Committee.

Is there some time available in May that I can present on this project and provide an update on others?

Thanks so much,  
Lauren



Enbridge Gas Inc.  
109 Commissioners Road W.  
London, ON N6A4P1

April 8, 2022

Cathleen O'Brien  
Environment Coordinator  
Aamjiwnaang First Nation  
978 Tashmoo Avenue  
Sarnia, ON N7T 7H5

Dear Cathleen O'Brien:

**Regarding: Project Update for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

The preferred routes are found in **Figures 1 and 2** attached to this letter.

The purpose of this letter is to provide an update on the latest developments of the project.

Earlier in the project planning stages, the original scope of the project also included the Wheatley Lateral Reinforcement (formerly the Wheatley Interconnect). After the three pipeline segments were presented in the first virtual information session from November 17 – December 3, 2021, the Panhandle Loop and Leamington Interconnect were selected to continue in the planning process, while the Wheatley Lateral Reinforcement was downsized and aggregated with several additional customer-driven distribution pipelines proposed at the second virtual information session.

The Panhandle Loop, Leamington Interconnect, and the distribution lines (including the Wheatley Lateral Reinforcement, the Talbot Road Reinforcement, and the Oak Street and Essex Road 33 Reinforcement) were presented to the public and interested stakeholders in a second virtual information session from February 14 – 28, 2022. The following distribution lines presented at the second virtual information session will no longer be considered as part of Enbridge Gas' Panhandle Regional Expansion Project:

- Wheatley Lateral Reinforcement: After reassessment, the scope and timing of the proposed facility will be revisited at a later date.
- Talbot Road Reinforcement: After reassessment, the required timing for this distribution facility has changed and therefore it will not be included within the Panhandle Regional Expansion Project.
- Oak Street and Essex Road 33 Reinforcement: After reassessment, the required timing for this distribution facility has changed and therefore it will not be included within the Panhandle Regional Expansion Project.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)* and will:

- Outline the environmental planning process and regulatory framework;
- Develop a consultation program to receive input from interested and potentially affected parties;
- Identify and evaluate potential alternatives from undertaking the project;
- Select preferred routes that minimize potential environmental effects;
- Complete a detailed review of environmental features along the preferred routes and assess the potential environmental effects of the project on these features;
- Establish mitigation measures that may be used to minimize or eliminate potential environmental effects of the project; and
- Identify any necessary supplemental studies, monitoring, and contingency plans.

The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022. OEB review and approval is required before this project can proceed.

A key part of the planning process involved consultation with Indigenous communities, local landowners, government agencies and other interested parties that could be impacted by the project. Input received has helped confirm the selection of the preferred routes and to develop site-specific environmental protection and mitigation measures, which will be outlined in the ER.

Proposed construction for the Panhandle Loop is in 2023. The proposed timing of construction for the Leamington Interconnect presented at the first and second virtual information sessions has been tentatively changed to 2024.

If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

Sincerely,

A handwritten signature in black ink, appearing to read 'L. Whitwham', written in a cursive style.

Lauren Whitwham  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Lauren.Whitwham@enbridge.com  
Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.  
Mark Van der Woerd – AECOM  
Kristan Washburn – AECOM  
General inbox (environment@amjwnaang.ca) – Aamjiwnaang First Nation





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**From:** Cathleen O'Brien <cobrien@aamjiwnaang.ca>  
**Sent:** Monday, April 11, 2022 2:33 PM  
**To:** Lauren Whitwham <Lauren.Whitwham@enbridge.com>  
**Subject:** [External] RE: Scope change: Panhandle Regional Expansion Project

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Hi Lauren,

Thanks for the update. So if I'm understanding this correctly, 3 components have been omitted from the Panhandle Expansion?

Cheers,  
Cathleen

**From:** [Lauren Whitwham](#)  
**To:** [Cathleen O'Brien](#)  
**Subject:** RE: Scope change: Panhandle Regional Expansion Project  
**Date:** Monday, April 11, 2022 2:56:49 PM

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Hi there,

You are correct. The three components, Wheatley Lateral Reinforcement, Talbot Road Reinforcement and the Oak Street and Essex Road 33 Reinforcement, were all dropped from the Project at this time.

The Panhandle Regional Expansion project now consists of:

- Panhandle Loop: Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- Leamington Interconnect: Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

Thanks,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Cathleen O'Brien](#)  
**Cc:** [lrosales@aamjiwnaang.ca](mailto:lrosales@aamjiwnaang.ca); [Aamjiwnaang Environment](#); [Matt Stone](#)  
**Subject:** Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, April 29, 2022 10:11:38 AM

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Good morning Cathleen,

Hope this finds you well. The Environmental Report for the proposed Panhandle Regional Expansion Project is now available for review and comments.

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing the Panhandle Regional Expansion Project (the project) to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

If approved by the Ontario Energy Board (OEB), proposed construction for the Panhandle Loop is targeted for 2023 while the Leamington Interconnect is targeted for 2024.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER has been prepared in accordance with the Ontario Energy Board's (OEB) Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016).

**Due to its size, I'm unable to attach the ER to this email. The Environmental Report, along with Appendices E and F (linked separately) can be viewed and downloaded via the Regulatory information tab on the Panhandle Regional Expansion Project webpage, at <https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion>.**

We are interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights. We would appreciate your review of the ER and the provision of any comments by Friday, June 10, 2022. Enbridge acknowledges that capacity support may be required

to enable you to engage in timely technical reviews of documents and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the Projects.

I would appreciate the opportunity to meet with you and the Environmental Committee to discuss the ER and review the potential environmental and socio-economic effects that may result from the project. If you could provide some dates that fit within your schedule, that would be most helpful.

Thanks so much and feel free to reach out to me with any questions or concerns,  
Lauren

**Lauren Whitwham**

Senior Advisor, Community & Indigenous Engagement, Eastern Region

Public Affairs, Communications & Sustainability

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ENBRIDGE INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)  
109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect. Inclusion.

From: [Lauren Whiteham](#)  
 To: [Lauren Whiteham](#)  
 Cc: [Lauren Whiteham](#)  
 Subject: May 2022 Update: Enbridge Gas Project  
 Date: Friday, May 6, 2022 11:20:50 AM

Good morning,

Recognizing that there are many projects on the go from various different proponents, I wanted to put together a monthly email that provides the proposed Enbridge Gas "Leave to Construct" (LTC) projects along with some high level details of the status and important dates.

I am very open to changes that I can make to this chart that would better suit your needs. Please let me know and I'd be happy to adjust. Additionally, if there is other information that you would like on a monthly basis, please let me know.

Enbridge Gas Proposed Project	Project Initiation	Project Status as of May 3, 2022	Outstanding Engagement Requests	Projected Ontario Energy Board (OEB) Filing date	Proposed Project Construction Timeline
Dawn Corunna Pipeline Project	April 13, 2021	Ongoing consultation Currently in the OEB regulatory process (EB-2022-0086) Stantec, on behalf of Enbridge Gas, is conducting field surveys	Seeking opportunities to review project submission	March 21, 2022 (submitted)	Spring 2023
Panhandle Regional Expansion Project	August 11, 2021	Ongoing consultation Environmental report released and seeking comments by Friday, June 10, 2022: <a href="https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion">https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion</a>	Seeking review and comment on the Environmental Report. Looking for opportunities to set up a meeting to review the potential environmental and socio-economic effects that may result from the project. Interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this project may have on your Aboriginal or treaty rights	June 2022 (upcoming)	Spring 2023
Ridge Landfill Pipeline Project	March 1, 2022	Ongoing consultation Virtual Open House running from April 25 to May 8, 2022: <a href="http://www.RidgeLandfill.ca">www.RidgeLandfill.ca</a>	Seeking comments on the project, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this project may have on your Aboriginal or treaty rights.	July 2022 (upcoming)	Spring 2023

Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the project.

**Lauren Whiteham**  
 Senior Advisor, Community & Indigenous Engagement, Eastern Region  
 Public Affairs, Communications & Sustainability

ENBRIDGE INC.  
 TEL 519-627-4100 (519-535-5451) | CELL 519-852-3474 | [lauren.whiteham@enbridge.com](mailto:lauren.whiteham@enbridge.com)  
 109 Commissioners Road West, London, ON N6A4P1

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**From:** Cathleen O'Brien <[cobrien@aamjiwnaang.ca](mailto:cobrien@aamjiwnaang.ca)>  
**Sent:** Wednesday, May 11, 2022 3:39 PM  
**To:** Lauren Whitwham <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>

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**Subject:** [External] RE: Scope change: Panhandle Regional Expansion Project

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Hi Lauren,

Can you send me the AECOM report? Is it ready yet? We would love to have you at one of our Committee meetings. We had to cancel one this month as we were all sick and that has created a bit of a backlog. Would you be able to come June 7<sup>th</sup>?

Regards,  
Cathleen

---

**From:** Lauren Whitwham <Lauren.Whitwham@enbridge.com>  
**Sent:** Wednesday, May 11, 2022 3:48 PM  
**To:** Cathleen O'Brien <cobrien@aamjiwnaang.ca>  
**Subject:** RE: Scope change: Panhandle Regional Expansion Project

Hi there,

Due to the size, I have to send the link.

The Environmental Report, along with Appendices E and F (linked separately) can be viewed and downloaded via the Regulatory information tab on the Panhandle Regional Expansion Project webpage, at <https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion>.

June 7 would be great. I'll ensure I have my environmental person and project manager available.

We are happy to pay capacity funding to have the report reviewed and for any additional needs you have.

Let me know if June 7 will be in person or virtual.

Thanks,  
Lauren

---

**From:** [Cathleen O'Brien](#)  
**To:** [Lauren Whitwham](#)  
**Cc:** [Lynn Rosales](#)  
**Subject:** [External] RE: Scope change: Panhandle Regional Expansion Project  
**Date:** Wednesday, May 11, 2022 4:17:29 PM

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Hi Lauren,

Thanks for the link. I've copied Lynn from our office on this response as she will assist in getting everything set up so that June 7 goes smoothly. We will likely take you up on the offer for the capacity to review the document and I'll get working on that on my end and be in touch soon.

Regards,  
Cathleen

[External] RE: May 2022 Update: Enbridge Gas Projects



Lynn Rosales <lrosales@aamjiwnaang.ca>

To Lauren Whitwham; Cathleen O'Brien

Cc Environment; Matt Stone

Retention Policy Workspace (4 years)

Expires 5/11/2026



Thu 5/12/2022 10:47 AM

Internal

You replied to this message on 5/12/2022 10:54 AM.

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Aanii / Hi Lauren,

Your message comes at a perfect time!! The Aamjiwnaang Environment Committee has requested a presentation from Enbridge for all projects that are being undertaken. Currently we are booking into June and have the following dates and times available. If we need to we can combine two time frames for one presentation to allow for more discussion.

07 June 22 or 28 June 22

Presentation #1 – 5:40-6:10 PM      Presentation #2 – 6:15-6:45 PM      Presentation #3 – 6:50-7:20 PM

Miigwech / Thank You, looking forward to hearing from you at your earliest convenience.

Lynn Rosales  
Environment Worker  
AAMJIWNAANG

---

**From:** Lauren Whitwham <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>

**Sent:** Thursday, May 12, 2022 10:54 AM

**To:** Lynn Rosales <[lrosales@aamjiwnaang.ca](mailto:lrosales@aamjiwnaang.ca)>; Cathleen O'Brien <[cobrien@aamjiwnaang.ca](mailto:cobrien@aamjiwnaang.ca)>

**Cc:** Environment <[environment@aamjiwnaang.ca](mailto:environment@aamjiwnaang.ca)>; Matt Stone <[mstone@aamjiwnaang.ca](mailto:mstone@aamjiwnaang.ca)>

**Subject:** RE: May 2022 Update: Enbridge Gas Projects

Hi Lynn,

Could we take June 7 presentation 1 and 2. I think an hour would be beneficial to review the in construction projects as well as the Dawn Corunna, Panhandle and Ridge Landfill projects.

I know how quickly your presentation times fill up so I'm glad we were able to connect.

Thanks so much!  
Lauren

[External] RE: May 2022 Update: Enbridge Gas Projects



Lynn Rosales <lrosales@aamjiwnaang.ca>

To Lauren Whitwham; Cathleen O'Brien

Cc Environment; Matt Stone

Retention Policy Workspace (4 years)

Expires 5/11/2026



Thu 5/12/2022 11:43 AM

Internal



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Lauren, I have blocked off the hour time slot for your virtual visit with staff and committee. I have also attached a general information page to further assist in your presentation time. it would be most appreciated to receive your information no later than June 2, by 4:00 PM.

Miigwech/Thank you  
Lynn Rosales

**From:** [Cathleen O'Brien](#)  
**To:** [Lauren Whitwham](#)  
**Cc:** [Matt Stone](#)  
**Subject:** [External] RE: Scope change: Panhandle Regional Expansion Project  
**Date:** Tuesday, May 24, 2022 2:36:06 PM  
**Attachments:** [Enbridge Panhandle Project Environmental Report.pdf](#)

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Hi Lauren,

On behalf of AFN, please see the proposed scope of work to review the Panhandle Project. Also, I was thinking that it would be better if you came to the Environment Committee either later in June or in July when we have the review from Vertex and have had the opportunity to review it. What are your thoughts?

Cheers,  
Cathleen

---

**From:** Lauren Whitwham <Lauren.Whitwham@enbridge.com>  
**Sent:** Tuesday, May 24, 2022 3:31 PM  
**To:** Cathleen O'Brien <cobrien@aamjiwnaang.ca>  
**Cc:** Matt Stone <mstone@aamjiwnaang.ca>  
**Subject:** RE: Scope change: Panhandle Regional Expansion Project

Makes total sense Cathleen. I'll work with Lynn to change the date for our presentation.

In the past, we have had consultants provide their comments to us and we can provide a response back. I'm assuming that Vertex will do this but just thought I'd throw it out there.

I have looked at the scope to review and agree with the proposal. If Vertex finds they are going over the quoted amount, please reach out to me prior.

Thanks again,  
Lauren

**From:** [Cathleen O'Brien](#)  
**To:** [Lauren Whitwham](#)  
**Cc:** [Matt Stone](#)  
**Subject:** [External] RE: Scope change: Panhandle Regional Expansion Project  
**Date:** Tuesday, May 24, 2022 3:33:18 PM

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Yes this is a good process and I would like to follow that for this review as well.

Regards,  
Cathleen

---

**From:** Lauren Whitwham <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>  
**Sent:** Tuesday, May 24, 2022 3:41 PM  
**To:** Lynn Rosales <[lrosales@aamjiwnaang.ca](mailto:lrosales@aamjiwnaang.ca)>  
**Subject:** FW: Scope change: Panhandle Regional Expansion Project

Hi Lynn,

Cathleen is suggesting we move the Enbridge presentation until late June or early July. Do you have a time that we could join one of the committee meetings?

Thanks so much,  
Lauren

**From:** Lynn Rosales <[lrosales@aamjiwnaang.ca](mailto:lrosales@aamjiwnaang.ca)>

**Sent:** Wednesday, May 25, 2022 9:45 AM

**To:** Lauren Whitwham <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>

**Subject:** [External] RE: Scope change: Panhandle Regional Expansion Project

**CAUTION! EXTERNAL SENDER**

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Good morning Lauren,

The Environment Committee meetings will be held on the following dates with a 5:30 PM start.

- June 28 – 6:15-7:15 PM
- July 5 – 5:40-6:40 PM

Previously in had booked Enbridge in for 2 time slots to allow time for Q & A.

Let me know which date works best for you and I will block off that time on the committee agenda

---

for those dates.

Miigwech/Thank you and have a great day!!

Lynn Rosales

Environment Worker

---

**From:** Lauren Whitwham <Lauren.Whitwham@enbridge.com>  
**Sent:** Wednesday, May 25, 2022 10:41 AM  
**To:** Lynn Rosales <lrosales@aamjiwnaang.ca>  
**Subject:** RE: Scope change: Panhandle Regional Expansion Project

Hi Lynn,

We would prefer the June 28 meeting to present.

Thanks so much and let me know when you need the presentation.

Take care,  
Lauren

---

**From:** [Lynn Rosales](#)  
**To:** [Lauren Whitwham](#)  
**Subject:** [External] RE: Scope change: Panhandle Regional Expansion Project  
**Date:** Wednesday, May 25, 2022 10:44:35 AM

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Great, I'll book you in for June 28, from 6:15-7:15 PM for your presentation. I would need your presentation by June 23<sup>rd</sup>.

Thanks  
Lynn

**From:** [Lauren Whitwham](#)  
**To:** [Cathleen O'Brien](#)  
**Cc:** [lrosales@aamjiwnaang.ca](mailto:lrosales@aamjiwnaang.ca); [Aamjiwnaang Environment](#); [Matt Stone](#)  
**Subject:** RE: Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, May 27, 2022 12:21:10 PM

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Hi Cathleen,

As I'm sending out friendly reminder emails, I didn't want to leave you off the list. I know that Vertex is looking over the environmental report for the Panhandle Regional Expansion Project for review and comments. The link to the report is below.

We would appreciate any comments by Friday, June 10, 2022 however, we are happy to accept them at any point in the process. I look forward to receiving the comments back.

Have a nice weekend.

Lauren

**From:** [Lauren Whitwham](mailto:Lauren.Whitwham@caldwelfirstnation.ca)  
**To:** [consultation.coordinator@caldwelfirstnation.ca](mailto:consultation.coordinator@caldwelfirstnation.ca)  
**Cc:** [consultation.assistant@caldwelfirstnation.ca](mailto:consultation.assistant@caldwelfirstnation.ca)  
**Subject:** Enbridge proposed project: Panhandle Transmission System  
**Date:** Wednesday, August 11, 2021 3:45:38 PM  
**Attachments:** [image003.png](#)

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Hi Brianna,

Hope this finds you well and enjoying the summer months. I understand that Caldwell First Nation has a new process on consultation. I saw from an article on CBC that there is a website. Are you able to provide me with the details?

I wanted to provide you with a heads up of a proposed project that Enbridge is looking at. Enbridge is currently conducting a review for increasing the capacity of Enbridge Gas' Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent, providing access to safe, reliable and affordable natural gas.

This proposed project would take place in the area of Chatham Kent – Essex region.

At this time, the project is in the preliminary stages and various options are being examined based on costs, environmental impact and construction timelines.

We will be reaching out in the next little bit with our formal notification for the Project and to discuss and obtain your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts to Aboriginal or treaty rights.



Please let me know if you have any questions or concerns. I'll be in touch on this project once we have more information available.

Thanks and best wishes.

**From:** [Brianna Sands](#)  
**To:** [Lauren Whitwham](#)  
**Cc:** [consultation.coordinator@caldwellfirstnation.ca](mailto:consultation.coordinator@caldwellfirstnation.ca); [consultation.assistant@caldwellfirstnation.ca](mailto:consultation.assistant@caldwellfirstnation.ca); [Julia Jenillo](#)  
**Subject:** [External] Re: Enbridge proposed project: Panhandle Transmission System  
**Date:** Wednesday, August 11, 2021 3:59:32 PM  
**Attachments:** [image003.png](#)  
[CFN Protocols for Engagement and Consultation .docx \(1\) \(1\).pdf](#)

**EXTERNAL: PLEASE PROCEED WITH CAUTION.**

This e-mail has originated from outside of the organization. Do not respond, click on links or open attachments unless you recognize the sender or know the content is safe.

Good Afternoon Lauren,

Thank you for reaching out and letting us know.

Caldwell has recently implemented the Online Consultation Tool, [Consult with Caldwell – The CFN Consultation Tool is designed to enhance the consultation process](#)  
I am also attaching our consultation protocol for your records and reference.

The online tool helps to streamline the consultation process, if you have any questions while navigating the tool please let me know and I would be happy to help.

Please feel free to share the tool and protocol with others from Enbridge as well.

I look forward to learning more about this project.

Thank you,

**From:** [Lauren Whitwham](#)  
**To:** [consultation.coordinator@caldwellfirstnation.ca](mailto:consultation.coordinator@caldwellfirstnation.ca); [ecc@caldwellfirstnation.ca](mailto:ecc@caldwellfirstnation.ca)  
**Subject:** Online Tool and Panhandle Project Notification  
**Date:** Tuesday, October 26, 2021 10:07:47 AM  
**Attachments:** [Proposed Panhandle Regional Expansion Project CFN.pdf](#)  
[Notice of Commencement Panhandle CFN.pdf](#)  
[Panhandle Regional Expansion Project Maps.pdf](#)

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Hi there,

I hope this finds you all doing well and getting ready for Halloween.

I just wanted to touch base as I went in to update my Project on the portal to follow the instructions that Julia provided and I still can't seem to get past the Archaeological & Sacred Sites page as both fields are \*required and at this time, I don't have anything to upload. Hopefully you can go in and see what I have in there to provide any further tips. We will be doing a Stage 1 and Stage 2 archaeological assessment however, they won't be ready for a while.

To ensure that I'm giving you the proper notice, I wanted to let you know of a proposed Enbridge Gas project to increasing the capacity of Enbridge Gas' Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent, providing access to safe, reliable and affordable natural gas.

Please find attached:

1. Letter about the Proposed Project
2. Study area map of the Proposed Project
3. Notice of Commencement which contains the Virtual Open House dates (November 17-December 3, 2021 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle))

We are interested in your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on your Aboriginal or treaty rights. Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents, participation in field work associated with proposed projects, and to engage in meaningful consultation. As is our approach on all projects, we are prepared to provide capacity funding to support your team's work.

I'm happy to keep using the portal as we go forward but wanted to ensure that I made you aware of this project due its location within your traditional territory and the upcoming Virtual Open House.

Happy to set up a call to discuss my project on the portal or any other discussions you'd like to have.

Thanks so much,  
Lauren



Enbridge Inc.  
109 Commissioners Road West,  
London, ON  
N6A4P1

Brianna Sands  
Caldwell First Nation  
14 Orange Street  
Leamington, ON  
N8H 1P5

October 15, 2021

Dear Brianna,

**Re: Notice of the Proposed Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The Panhandle Regional Expansion Project (the Project) includes the construction of the following:

- Approximately 23 kilometres (km) of new pipeline looping the existing 20-inch Panhandle Pipeline. The new pipeline will be up to 42 inches in diameter and located adjacent to an existing pipeline corridor between Comber and Dover Transmission Stations.
- Construction of a new 16-inch pipeline adjacent to or within existing road rights-of-way on public or private property to connect the Leamington North Line to both the Kingsville East Line and Leamington North Reinforcement Line. The pipeline is approximately 12 km in length.
- Construction of a new 16-inch pipeline to connect the Tilbury East Valve Site to the Wheatley Road Station. The pipeline is approximately 6 km and will be located adjacent to or within existing road rights-of-way on public or private property.

Where possible, the Project will be located within existing road allowances, utility corridors and rights-of-way. While a preliminary preferred Project route has not yet been determined Enbridge Gas anticipates that permanent easement and temporary working space and laydown areas may be required. Enbridge Gas will work with regulators and landowners to identify and secure appropriate working space and easements as required.

As part of the planning process for the Project, Enbridge Gas has and will retain an external consulting firm to undertake an Environmental Study of the construction and operation of the Project. The Environmental Study as required by the Ontario Energy Board's (OEB) *"Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)"*.



Enbridge Inc  
109 Commissioners Road West,  
London, ON  
N6A4P1

Enbridge Gas' preliminary work on the Project has identified the following potential authorizations:

Provincial:

- Ontario Energy Board;
- Infrastructure Ontario;
- Ministry of Transportation;
- Ministry of Heritage, Sports, Tourism and Culture Industries ("MHSTCI");
- Ministry of Environment, Conservation and Parks;
- Ministry of Energy; and
- Hydro One.

Municipal:

- The Municipality of Chatham-Kent;
- The County of Essex;
- The Town of Kingsville;
- The Municipality of Leamington;
- The Town of Tecumseh;
- The Municipality of Lakeshore; and
- The City of Windsor.

Other:

- Indigenous engagement;
- Landowner agreements;
- Lower Thames Valley Conservation Authority;
- Essex Region Conservation Authority; and
- Utility circulation.

We would like to consult with your community on the proposed Project. We are interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts the Project may have on your Aboriginal or treaty rights.

Enbridge Gas acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents, participation in field work associated with the Project, and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the Project.



Enbridge Inc  
109 Commissioners Road West,  
London, ON  
N6A4P1

Enbridge Gas has been delegated the procedural aspects for consultation by the Ministry of Energy on behalf of Ontario. Ministry officials are also available should you wish to contact them directly with any questions or concerns. Please contact:

Gillian Brown  
Senior Advisor, Indigenous Energy Policy  
gillian.brown2@Ontario.ca

We would like to set up a meeting to discuss the Project with you to provide you with an opportunity to express any questions or concerns you have. Please feel free to contact me at [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com) or 519-852-3474 so we can set up a time to meet. You may also provide me with any feedback you may have regarding the Project in writing by November 19, 2021, if possible.

Many thanks,

A handwritten signature in black ink, appearing to read 'L. Whitwham', written in a cursive style.

Lauren Whitwham  
Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Enbridge Inc.  
519-852-3474  
Lauren.whitwham@enbridge.com



Enbridge Gas Inc.  
109 Commissioners Rd W  
London, ON  
N6G 4V7

October 15, 2021

Brianna Sands  
Environment and Consultation Coordinator  
Caldwell First Nation  
14 Orange Street  
Leamington, ON N8H 1P5

Dear Brianna Sands:

**Regarding: Project Commencement and Virtual Information Session for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The Panhandle Regional Expansion Project includes the construction of the following:

- Approximately 23 kilometres (km) of new pipeline looping the existing 20-inch Panhandle Pipeline. The new pipeline will be up to 42 inches in diameter and located adjacent to an existing pipeline corridor between Enbridge Gas' Comber Transmission Station, located in the Municipality of Lakeshore, and its Dover Transmission Station, located in the Municipality of Chatham-Kent.
- Construction of a new pipeline up to 16 inches in diameter adjacent to or within existing road rights-of-way on public or private property to connect the Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line. The pipeline is approximately 12 km in length and would be located in both the Town of Kingsville and the Municipality of Leamington.
- Construction of a new pipeline up to 16 inches in diameter to connect the Tilbury East Valve Site to the Wheatley Road Station. The pipeline is approximately 6 km and will be located adjacent to or within existing road rights-of-way on public or private property either within the Municipality of Chatham-Kent or the Municipality of Lakeshore.

The location of the project and preliminary preferred routes for each segment are shown on the attached figures.

AECOM has been retained by Enbridge to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The report will outline potential pipeline route evaluations and plans for avoiding and/or mitigating any effects, where possible. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*. The ER will accompany a Leave-to-Construct application that will

be submitted to the OEB in the spring of 2022. OEB review and approval is required before this project can proceed. Construction of the project is planned to begin as early as spring of 2023.

A key part of the planning process involves consultation with Indigenous Communities, local landowners, government agencies and other interested parties that could be impacted by the project. A virtual information session is planned to provide interested parties an opportunity to learn and comment on the proposed routes. It will also provide an overview of the planning process and studies completed.

The purpose of this letter is to invite you to attend the virtual information session and provide feedback in a format that is convenient for you:

Virtual Information Session	
Date:	Materials will be available at 5 p.m. on November 17, and available until December 3.
Website:	<a href="http://www.virtualengagement.ca/panhandle">www.virtualengagement.ca/panhandle</a>

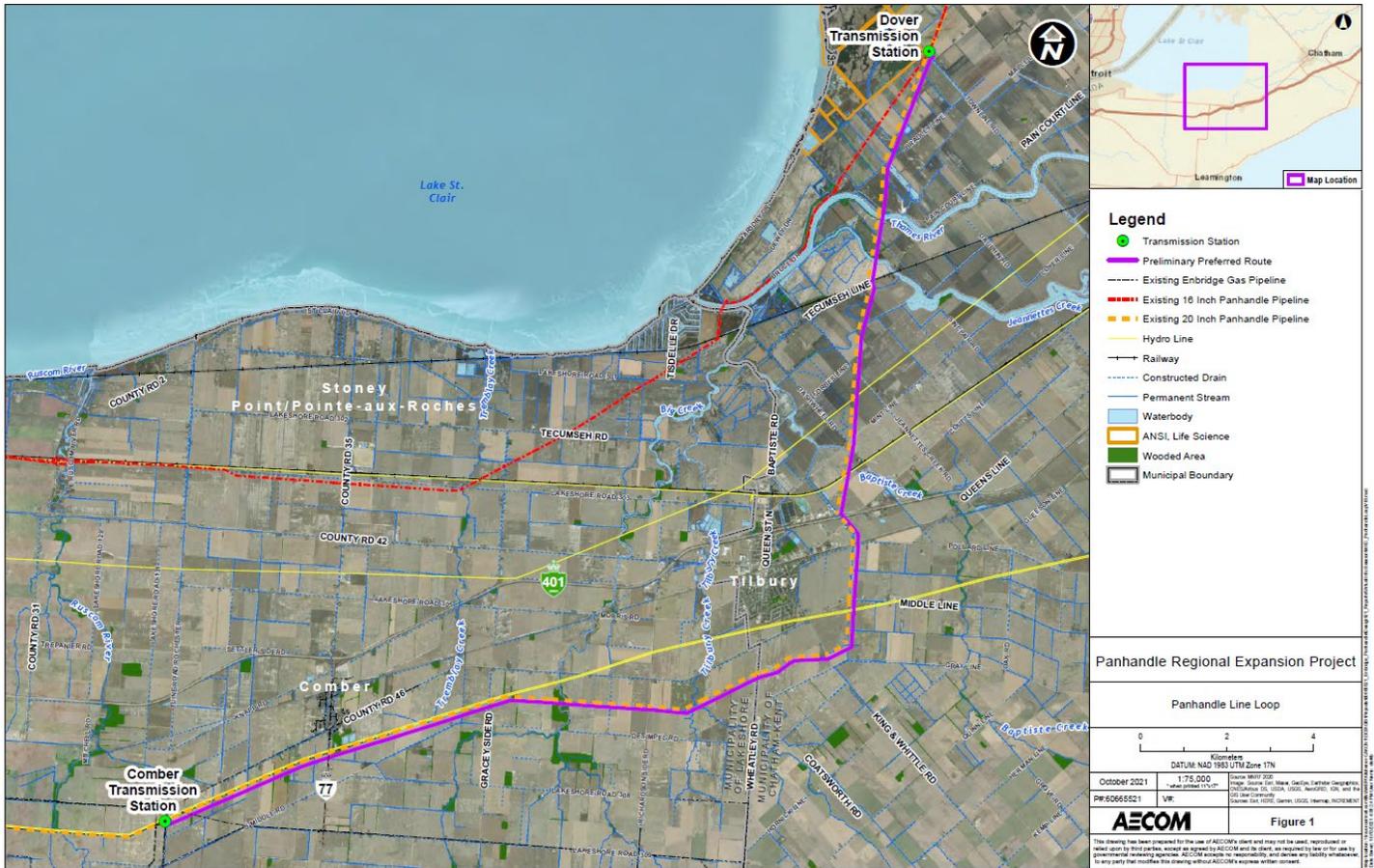
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

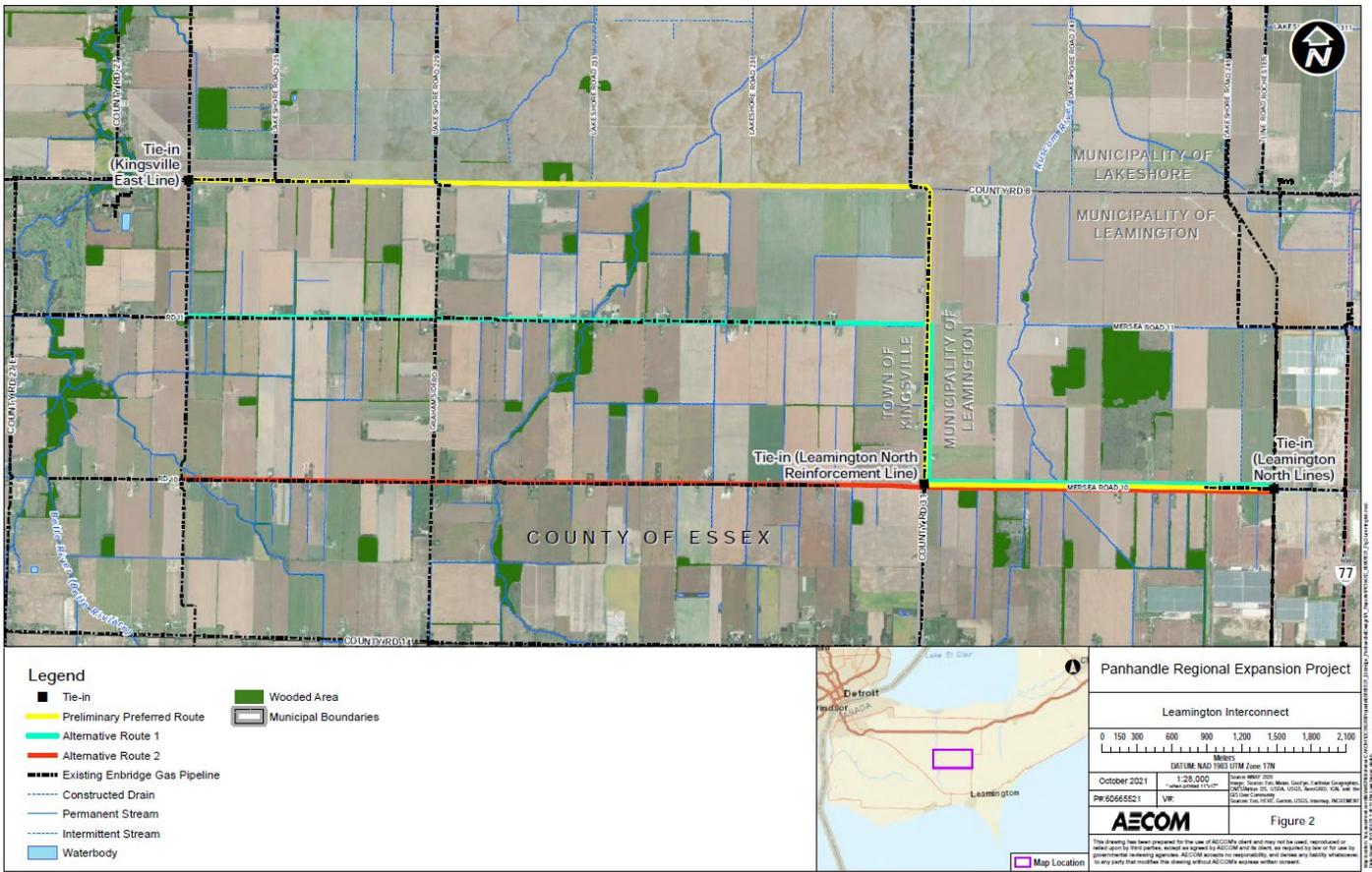
Sincerely,

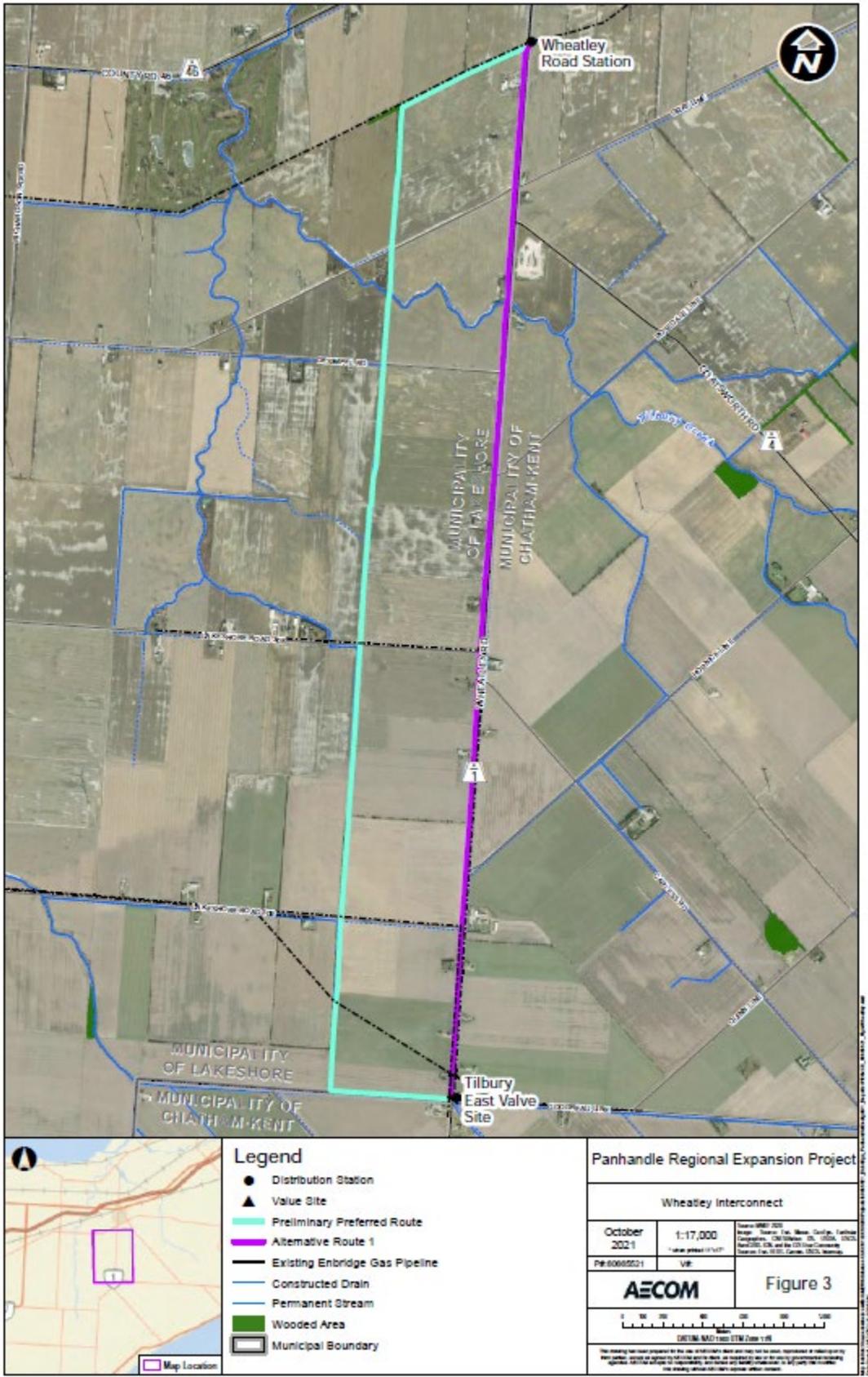


Lauren Whitwham  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)  
Phone: (519) 852-3474

CC: Evan Tomek - Enbridge Inc.  
Mark Van der Woerd - AECOM  
Kristan Washburn - AECOM  
Environment and Consultation Assistant ([consultation.assistant@caldwellfirstnation.ca](mailto:consultation.assistant@caldwellfirstnation.ca)) - Caldwell First Nation







**From:** [Lauren Whitwham](#)  
**To:** [ecc@caldwellfirstnation.ca](mailto:ecc@caldwellfirstnation.ca); [consultation@caldwellfirstnation.ca](mailto:consultation@caldwellfirstnation.ca)  
**Subject:** Virtual Open House #2 - Panhandle Regional Expansion Project  
**Date:** Wednesday, January 26, 2022 4:26:34 PM  
**Attachments:** [Virtual Open House 2 Panhandle Caldwell First Nation.pdf](#)

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Good afternoon Brianna and Julia,

Hope this finds you well. I was hoping we could have a discussion about the online portal for project consultation as I would like to get a better understanding of how our information gets to you. This project is in very close proximity to your community and I'd like to ensure we are doing all that is possible to provide you with information in a timely manner.

A key part of the planning process for our Panhandle Regional Expansion Project involves consultation with Indigenous Communities, local landowners, government agencies and other interested parties that could be impacted by the project.

A second virtual information session is planned to provide interested parties with an update on the project, along with an opportunity to learn about and comment on the proposed preferred routes for the Panhandle Loop, Leamington Interconnect, Wheatley Lateral Reinforcement (former Wheatley Interconnect segment) and preliminary preferred routes for the distribution pipelines. It will also provide an overview of the planning process and studies completed. We are interested in your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on your Aboriginal or treaty rights. Input received will help to confirm the selection of the preferred routes and to develop site-specific environmental protection or mitigation measures.

The Virtual Open House #2 will be available from 5 p.m. on February 14, 2022 until February 28, 2022 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle).

We will also provide you with a PDF copy of the slides used in the VOH #2 and if easier, we can send a hardcopy via post. Please let us know what works best for you and your Nation.

If you require capacity funding in order to participate or review the Virtual Open House, please let me know as we are happy to provide this to you.

Please let me know if there is a time that works to chat, I'd be happy to accommodate your schedule.

Take care and talk soon,  
Lauren

**Lauren Whitwham**

Senior Advisor, Community & Indigenous Engagement, Eastern Region

Public Affairs, Communications & Sustainability

—



Enbridge Gas Inc.  
109 Commissioners Road W.  
London, ON N6A4P1

January 26, 2022

Brianna Sands  
Environment and Consultation Coordinator  
Caldwell First Nation  
14 Orange Street  
Leamington, ON N8H 1P5

Dear Brianna Sands:

**Regarding: Notice of Second Virtual Information Session for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. As part of the proposed Panhandle Regional Expansion Project, Enbridge Gas has conducted a route analysis and selection process to determine the preferred routes, which include constructing the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville and the Municipality of Leamington.
- **Several distribution pipelines** varying in diameter and length to connect new large-volume customers to the Panhandle Transmission System. Please see below for further details on these pipelines.

A preliminary preferred route was presented for the Panhandle Loop and a preliminary preferred route and alternative routes were presented for the Leamington Interconnect during the first virtual information session, held between November 17 and December 3, 2021. Upon consideration of the feedback received during the session, the proposed routes were evaluated further, which has resulted in the selection of preferred routes found in **Figures 1 and 2** attached to this letter. In addition, since the first virtual information session, preliminary preferred routes for the proposed distribution pipelines have also been selected and will be presented in a second virtual information

session along with the preferred routes for the Panhandle Loop and Leamington Interconnect (see below for further details). The Wheatley Interconnect, which was previously presented during the first virtual information session, is now represented with the other distribution lines and this segment of pipeline has been selected as the preferred route. The distribution lines include:

- Talbot Road Reinforcement: Construction of a new distribution pipeline up to 8 inches in diameter travelling adjacent to or within an existing road allowance on public or private property along Talbot Road East in the Municipality of Leamington (Figure 3). The pipeline will be approximately 3.2 km in length.
- Oak Street and Essex Road 33 Reinforcement: Construction of a new distribution pipeline up to 6 inches in diameter travelling adjacent to or within existing road allowances on public or private property along Oak Street East and County Road 33 in the Municipality of Leamington (Figure 3). The pipeline will be approximately 1.9 km in length.
- Wheatley Lateral Reinforcement (formerly Wheatley Interconnect): Construction of a new distribution pipeline up to 8 inches in diameter starting from Enbridge Gas' Wheatley Road station and travelling west then south in an easement on private property to Goodreau Line. The pipeline will then travel east to a new proposed station at the intersection of Wheatley Road and Goodreau Line (preferred route). From this location, the new distribution line would travel east along Goodreau Line before turning southeast on Coatsworth Road to Talbot Trail (preliminary preferred route) (Figure 4). The pipeline will be approximately 16.1 km in length and all new pipelines on Goodreau Line and Coatsworth Road would either travel adjacent to or within existing road allowances on public or private property.

AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*. The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022 and will include both the transmission and distribution components of this project. OEB review and approval is required before this project can proceed. Construction is planned to begin as early as spring of 2023.

A key part of the planning process involves consultation with Indigenous and Métis Communities, local landowners, government agencies and other interested parties that could be impacted by the project. A second virtual information session is planned to provide interested parties with an update on the project, along with an opportunity to learn about and comment on the proposed preferred routes for the Panhandle Loop, Leamington Interconnect, Wheatley Lateral Reinforcement (former Wheatley Interconnect segment) and preliminary preferred routes for the distribution pipelines. It will also provide an overview of the planning process and studies completed. Input received will help to confirm the selection of the preferred routes and to develop site-specific environmental protection or mitigation measures.

The purpose of this letter is to provide an update on the latest developments of the project, as well as to invite you to attend the second virtual information session and provide feedback in a format that is convenient for you:

Virtual Information Session #2	
Date:	Materials will be available from 5 p.m. on February 14, 2022 until February 28, 2022.
Website:	<a href="http://www.virtualengagement.ca/panhandle">www.virtualengagement.ca/panhandle</a>

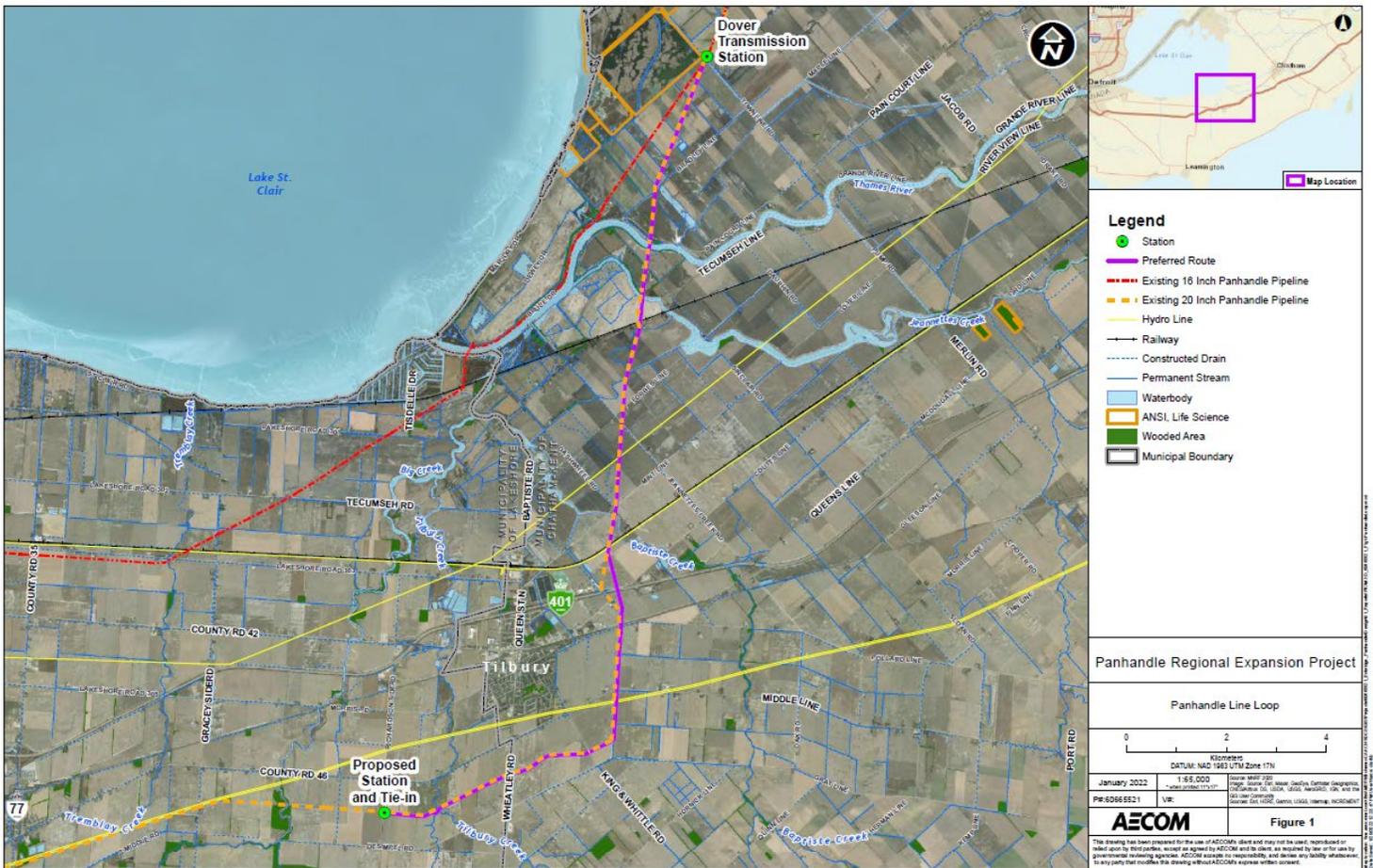
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

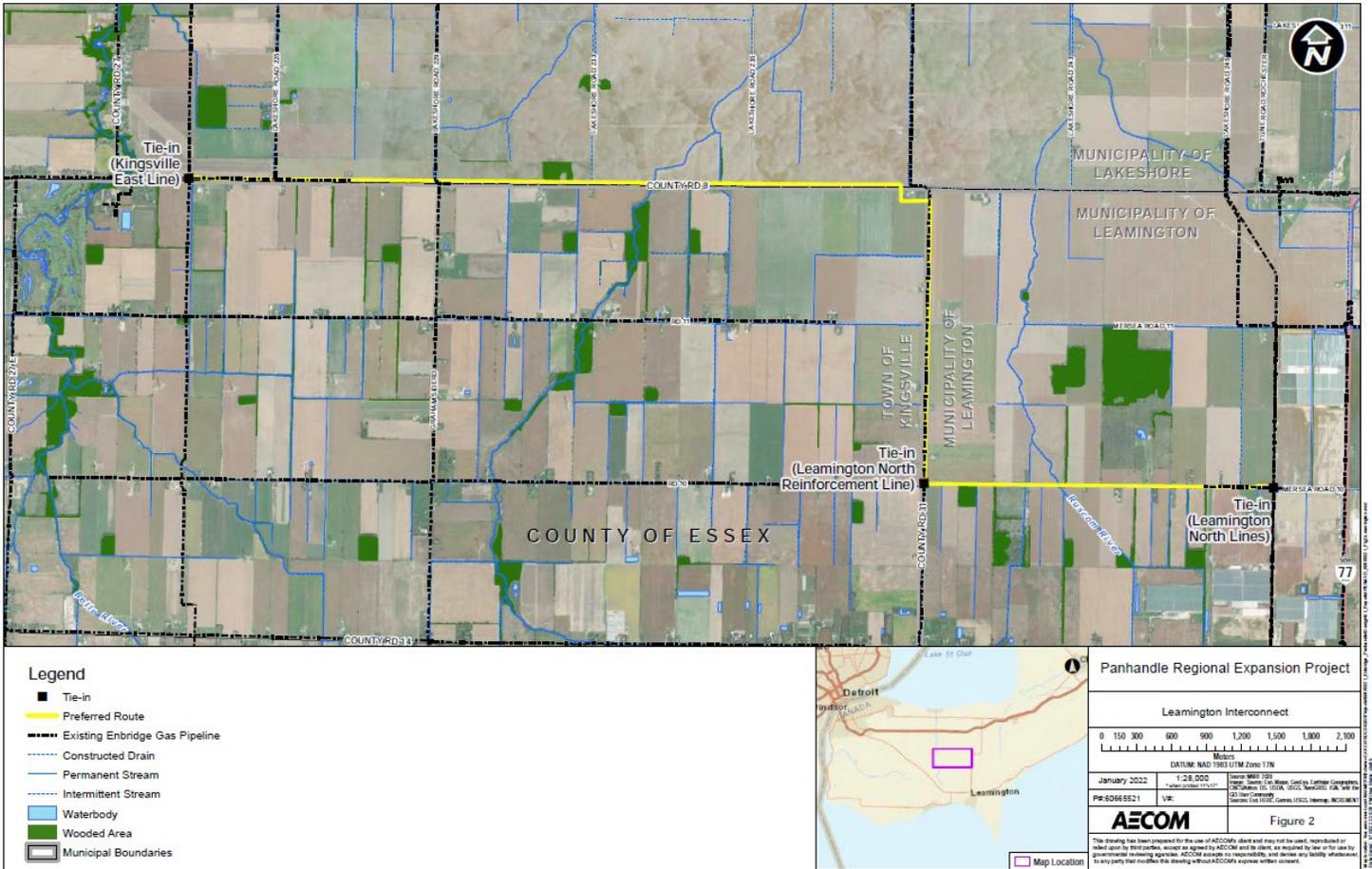
Sincerely,

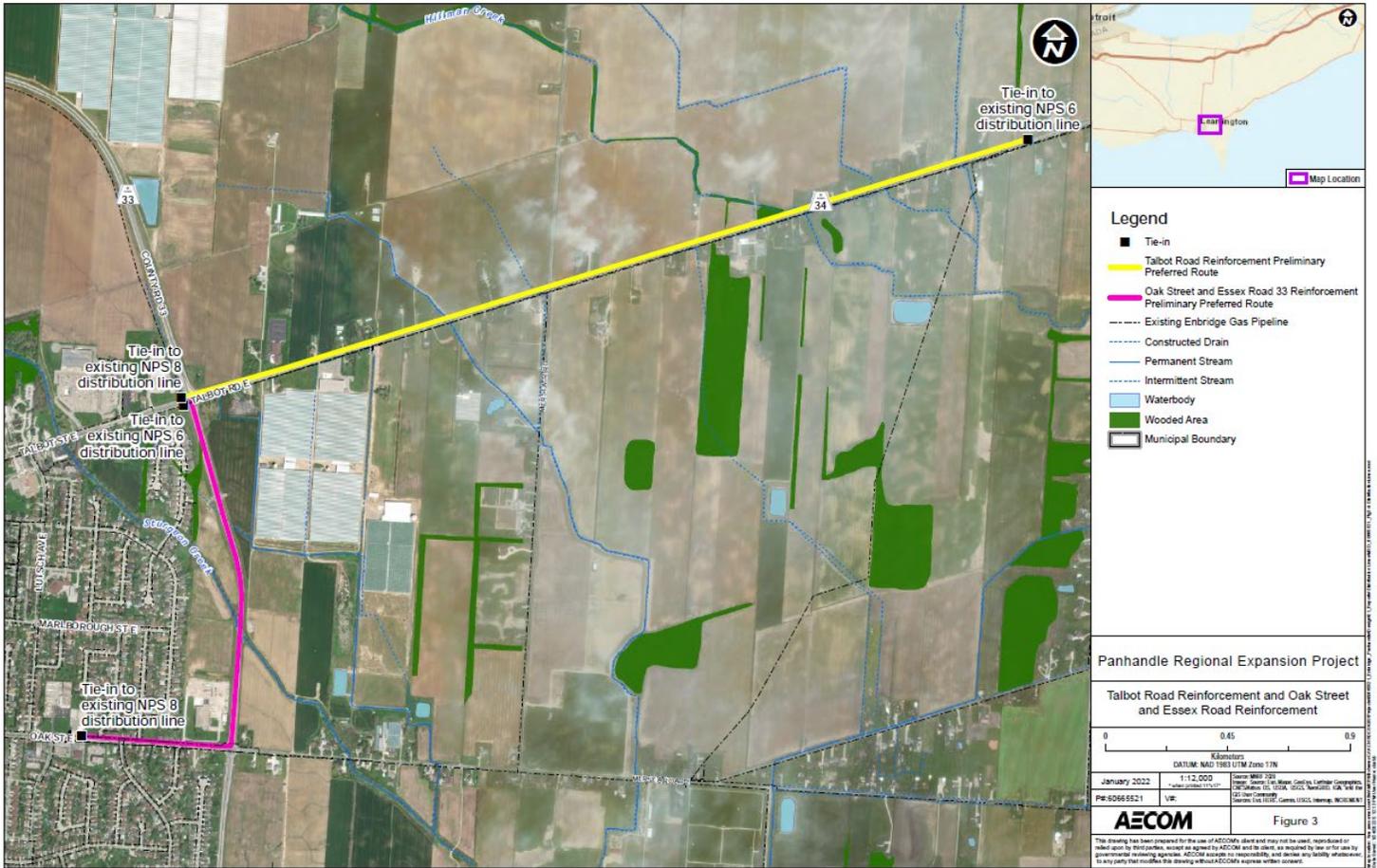


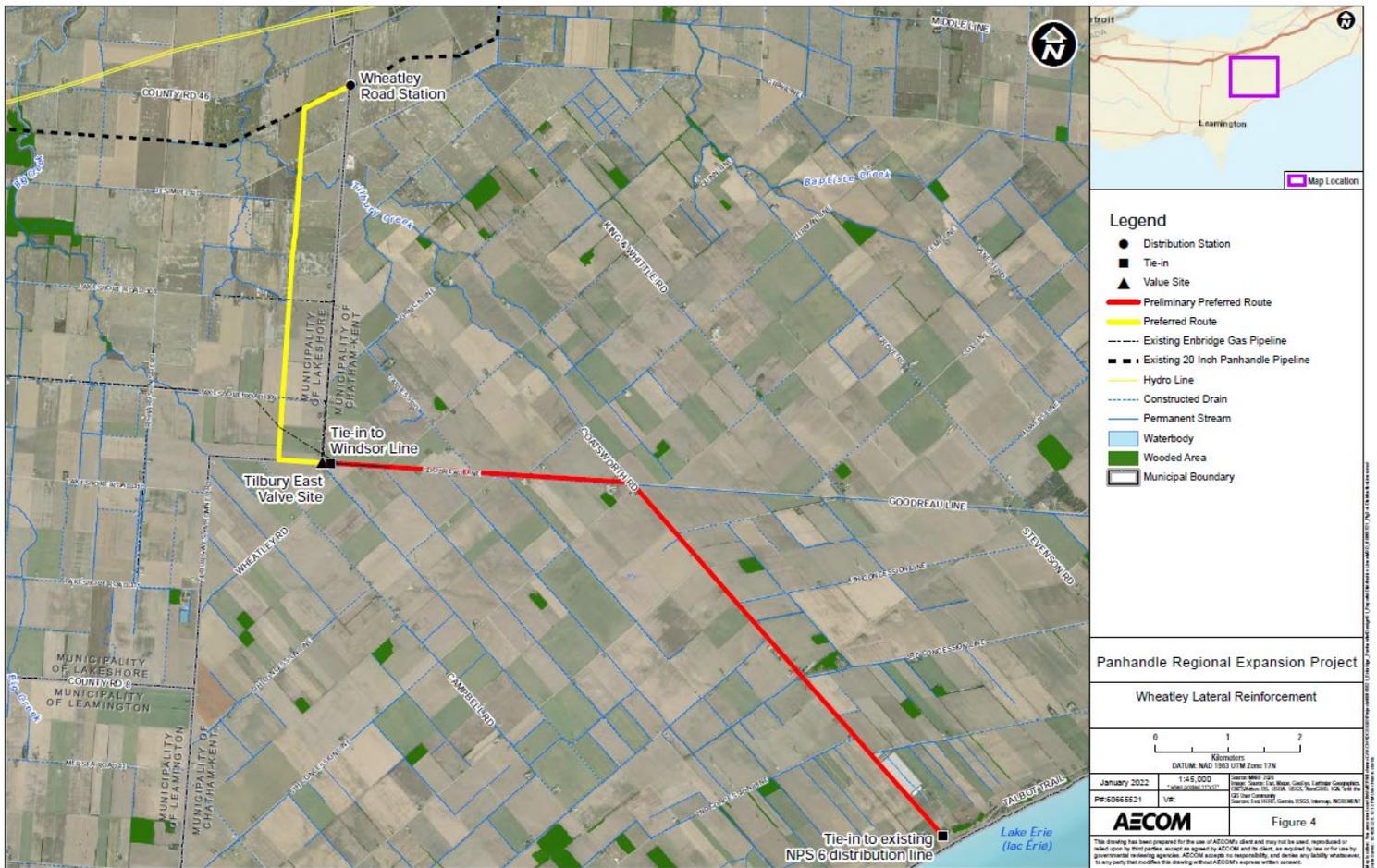
Lauren Whitwham  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Lauren.Whitwham@enbridge.com  
Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.  
Mark Van der Woerd – AECOM  
Kristan Washburn – AECOM  
Environment and Consultation Assistant ([consultation.assistant@caldwellfirstnation.ca](mailto:consultation.assistant@caldwellfirstnation.ca)) – Caldwell First Nation









**From:** [Lauren Whitwham](mailto:Lauren.Whitwham@ecc@caldwelfirstnation.ca)  
**To:** [ecc@caldwelfirstnation.ca](mailto:ecc@caldwelfirstnation.ca)  
**Cc:** [tammy.jolicoeur@caldwelfirstnation.ca](mailto:tammy.jolicoeur@caldwelfirstnation.ca)  
**Bcc:** [Lauren Whitwham; panhandle@communic.ca](mailto:Lauren.Whitwham@panhandle@communic.ca)  
**Subject:** Enbridge Gas: Panhandle Regional Expansion Project  
**Date:** Friday, January 28, 2022 2:07:00 PM  
**Attachments:** [Panhandle Regional Expansion Project Maps.pdf](#)  
[Notice of Commencement Panhandle CFN.pdf](#)  
[Proposed Panhandle Regional Expansion Project CFN.pdf](#)  
[2021-11-12-Final Panhandle Virtual Open House Full Slides.pdf](#)  
[Virtual Open House 2 Panhandle Caldwell First Nation.pdf](#)

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Hi Michelle,

Thanks so much for the call.

Caldwell First Nations input on the Virtual Open House that runs from February 14-18 would be very beneficial as they are trying to determine best routing for the lines. I hope that you will be able to go on and review the content. If you want to also direct your comments to me, I can provide them to the environmental team.

Please find attached the information that we have shared with Caldwell First Nation on the Panhandle Regional Expansion Project.

1. The Project Notification and Virtual Open House #1 information was sent on October 26, 2021.
2. It looks like I missed sending the slides for the Virtual Open House #1 but have included them here for you.
3. Information on the Second Open House occurring February 14-28 was sent on January 26, 2022
4. Slides with updates mapping (will be included in the VOH #2)

I will go back in and see if I can figure out how to get passed the Stage 1&2 Archaeology assessment slides on the portal as they were holding me back without anything to upload.

Additionally, as we move forward for field studies, would you be the contact to reach out to regarding monitors on this project?

Please let me know if you need any further information. I look forward to working with you as we move through the Caldwell consultation and accommodation process.

Give me a call on my cell at any time.

Have a good weekend,  
Lauren

**From:** [Zack Hamm](#)  
**To:** [Lauren Whitwham](#)  
**Cc:** [Michelle McCormack](#); [Tammy Joliceur](#)  
**Subject:** [External] Proposed Panhandle Expansion inquiry  
**Date:** Thursday, February 3, 2022 2:28:25 PM

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**CAUTION: EXTERNAL EMAIL**

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

Good afternoon Lauren,

I'm one of the Consultation Coordinators for Caldwell First Nation (CFN) and I'm supporting Michelle McCormack in the consultation process regarding Enbridge Gas Inc.'s proposed Panhandle Regional Expansion Project.

I'm emailing to check-in with you concerning Enbridge's contracting of services for the project's Environmental Report, as well as the status of the Stage 1 archaeological work you've noted on our portal. These particular reports are important components that supply critical information in the process of meaningful engagement with CFN. If you have information regarding them, or ideally copies of any work completed so far, please forward them to me, Michelle and Tammy Joliceur, our acting Director of Operations. If you're unable to provide materials, feel free to inform us of your contact for the work and we'll get in touch with them directly.

I understand that you've had trouble with our portal system ([consultwithcaldwell.ca](http://consultwithcaldwell.ca)). We have our IT technician working to resolve any issues being encountered by proponents. Please check in regularly and ensure you've completed the form as soon as it is possible to do so. There are numerous sections in the second half of the Report on the portal that are pivotal to consultation, including your project's impacts on waterways, Species at Risk, and human health. These are currently empty, so we're seeking to fill in some gaps.

Best,

Zack Hamm

**From:** [Lauren Whitwham](#)  
**To:** [Zack Hamm](#)  
**Cc:** [Michelle McCormack](#); [Tammy Jolicœur](#)  
**Subject:** RE: [External] Proposed Panhandle Expansion inquiry  
**Date:** Thursday, February 3, 2022 3:06:27 PM

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Nice to meet you Zach.

We are currently in the initial phases of the proposed project and I do not have a Stage 1 available at this time. I might have filled in the portal wrong as I was just trying to get it move ahead for me.

My Environmental Planner has told me that the Stage 1 would usually be included in a combined Stage 1 & 2 Report. Enbridge is hopeful to get the Stage 2 surveys started in the spring, and I don't think we'd get a final report until the summer. The Environmental Report, which will provide information on the critical information impacts on waterways, and Species at Risk is currently being worked on, with inputs from the Virtual Open House, and we will have a draft in March with a filing to the Ontario Pipeline Coordinating Committee in mid-April. Aecom is our environmental contractor for this project.

We would greatly appreciate any comments and concerns that you might have from the Virtual Open House to be provided to us. I will work to ensure that I can provide a power point of the slides if the Nation is unable to attend the online version.

I'll continue to go into the portal to update however, some of the information requested on the site isn't available at this time.

Please feel free to reach out with any questions or concerns. Happy to set up a call to discuss.

Thanks so much,  
Lauren

**From:** [Zack Hamm](#)  
**To:** [Lauren Whitwham](#)  
**Cc:** [Tammy Jolicoeur](#); [Michelle McCormack](#)  
**Subject:** Re: [External] Proposed Panhandle Expansion inquiry  
**Date:** Thursday, February 3, 2022 4:22:37 PM

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**CAUTION: EXTERNAL EMAIL**

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

Thanks, Lauren. Any information you can add to the portal as it becomes available to you would be appreciated. We're keen to look over the environmental and archaeological assessments as they become available as well. CFN will certainly participate in the Virtual Open House you're hosting this month and would also like a copy of the presentation at some point. If a call becomes necessary, we can set one up.

Additionally, with concern to your media event happening tomorrow (February 4, 2022) at the Amherstburg Municipal Office, would you please forward details for the nature of the event and the time it's scheduled? Our acting Director of Operations has authorized me to attend on behalf of the Nation.

Best,

Zack Hamm

**From:** [Lauren Whitwham](#)  
**To:** [Michelle McCormack](#); [Zack Hamm](#)  
**Cc:** [Tammy Jolicœur](#)  
**Subject:** VOH#2 Slides - Enbridge Gas Panhandle Regional Expansion Project  
**Date:** Wednesday, February 16, 2022 8:27:11 AM  
**Attachments:** [2022-02-09-FINAL Panhandle Virtual Open House Full Slides-Enbridge Edits.pptx](#)

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Good morning,

Please find the slides for the VOH #2 for the Panhandle Regional Expansion Project.

The Virtual Open House #2 will be available from 5 p.m. on February 14, 2022 until February 28, 2022 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle) .

If you have comments on the slides, please feel free to send them my way.

Thanks so much,  
Lauren

**From:** [Zack Hamm](#)  
**To:** [Lauren Whitwham](#)  
**Cc:** [Michelle McCormack](#)  
**Subject:** [External] CFN correspondence for Panhandle Expansion and proposed natural gas line to Bob-Lo  
**Date:** Friday, March 11, 2022 1:51:34 PM  
**Attachments:** [Re-engagement Letter to Lauren Whitwham March 11.pdf](#)

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**CAUTION: EXTERNAL EMAIL**

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

Good afternoon, Lauren,

Find attached official correspondence from CFN, noting the need for re-engagement regarding the Panhandle and Bob-Lo projects, and requesting a meeting to discuss next steps.

Best,

Zack Hamm



# Caldwell First Nation

14 Orange Street, Leamington, Ontario, N8H 1P5  
Phone: 519-322-1766 Fax: 519-322-1533

Lauren Whitwham  
Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Enbridge Incorporated

March 11, 2022

## Re: Pipeline expansion projects in Caldwell First Nation Traditional Territory

We are following up regarding projects currently being planned by Enbridge Gas Incorporated (EGI) within Caldwell First Nation's (CFN) Traditional Territory.

Specifically, CFN has concerns with EGI's proposed Panhandle Regional Expansion Project, as well as its newly announced proposal to construct a natural gas pipeline from Amherstburg to Bob-Lo Island. It is imperative that CFN has a clear understanding of these projects and the real and potential impacts on our rights, interests and way of life. As such, it is critical that EGI engage directly with our Nation to establish a robust and meaningful process, including capacity, to address our concerns and to ensure that these impacts are mitigated.

Please provide CFN with dates as soon as possible so that we can convene a meeting to start these discussions and to develop a process for meaningful engagement. In the interim, we kindly request that EGI provide an updated information package for these proposed projects. The package should include *all* correspondence and information related to the projects, including that which EGI has on record between itself and CFN.

Please do not hesitate to contact me directly if you have any questions. We look forward to your prompt reply.

Respectfully,

A handwritten signature in black ink, appearing to read "Zack Hamm".

Zack Hamm  
Consultation Coordinator, Environmental & Consultation  
Caldwell First Nation

**From:** [Lauren Whitwham](#)  
**To:** [Zack Hamm](#)  
**Cc:** [Michelle McCormack](#)  
**Subject:** RE: [External] CFN correspondence for Panhandle Expansion and proposed natural gas line to Bob-Lo  
**Date:** Friday, March 11, 2022 1:58:40 PM

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Hi Zack,

Thanks so much.

Although the government made the announcement of Boblo Island, we have not yet kicked off the project and might not be doing so for a year or two. This doesn't mean we can't start discussions but it does mean that I have little to no information to provide on the project at this time.

For our Panhandle meeting, would you like to the Project manager and Environmental Planner on the call or just us for this initial meeting? I just want to ensure I'm bring the right people for to address questions and concerns.

Let me know and I can provide some dates that work for us.

Thanks and have a good weekend.

Lauren

**From:** [Zack Hamm](#)  
**To:** [Lauren Whitwham](#)  
**Cc:** [Michelle McCormack](#)  
**Subject:** Re: [External] CFN correspondence for Panhandle Expansion and proposed natural gas line to Bob-Lo  
**Date:** Wednesday, March 16, 2022 10:39:12 AM

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**CAUTION: EXTERNAL EMAIL**

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

Good morning, Lauren,

I apologize for the tardy response. We have a great deal of consultation work coming in and my schedule is tight. We can do a limited meeting soon for information gathering purposes (just you), but I'll need to discuss direction with the Chief and Council and whether, going forward, I'll need to include Council representation.

Best,

Zack Hamm

**From:** [Lauren Whitwham](#)  
**To:** [Zack Hamm](#)  
**Cc:** [Michelle McCormack](#)  
**Subject:** Re: [External] CFN correspondence for Panhandle Expansion and proposed natural gas line to Bob-Lo  
**Date:** Wednesday, March 16, 2022 3:52:12 PM

---

Hi Zach,

Thanks. If it's just the three of us meeting to share information, I can meet anytime on Monday or Thursday. I'd like to learn more about the Portal and your consultation protocol during this meeting as well.

Also, a request came to you from Aecom regarding monitors for our archaeology work on the Panhandle project as we are going out into the field to do this work. Does Caldwell have monitors available for these field studies and if so, how best do we go about engaging with you to have monitor present?

Happy to set up a Teams meeting if you had some time available either Monday March 21 or 24

Thanks  
Lauren



**From:** [Lauren Whitwham](#)  
**To:** [Zack Hamm](#)  
**Cc:** [Michelle McCormack](#)  
**Subject:** Email #1 Panhandle Enbridge correspondence  
**Date:** Monday, March 21, 2022 2:50:19 PM  
**Attachments:** [Caldwell FN PREP information.pdf](#)

---

Hi Zack,

Following up on the question I asked below, I found the email that you sent us regarding Jenna Morrison as the monitor contact. I have asked Aecom to reach out to her directly for Stage 2 fieldwork.

I apologize for the amount of emails I'm going to send. The package of correspondence is very large and I've had to split it into four emails. I'll number each email so please let me know if you don't receive one.

Again, I'm happy to meet on Thursday March 24 at any point. The week of March 28 I have surgery and might be able to take a call on Thursday March 31 during the day. Additionally, April 5 is available.

Let me know what works best for you.

Thanks so much,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Zack Hamm](#)  
**Cc:** [Michelle McCormack](#)  
**Subject:** Email #2 Panhandle Enbridge correspondence  
**Date:** Monday, March 21, 2022 2:52:06 PM  
**Attachments:** [Caldwell FN PREP information Jan 2022 onward rd.pdf](#)

---

**Lauren Whitwham**

Senior Advisor, Community & Indigenous Engagement, Eastern Region

Public Affairs, Communications & Sustainability

—

**From:** [Lauren Whitwham](#)  
**To:** [Zack Hamm](#)  
**Cc:** [Michelle McCormack](#)  
**Subject:** Email #3 Panhandle VOH slides  
**Date:** Monday, March 21, 2022 2:52:16 PM  
**Attachments:** [Panhandle Virtual Open House slides 1 and 2.pdf](#)

---

Here are the virtual Open house slides. I have put them both together into the same PDF to reduce emails.

Thanks so much,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Zack Hamm](#)  
**Cc:** [Michelle McCormack](#)  
**Subject:** RE: Email #3 Panhandle VOH slides  
**Date:** Tuesday, April 5, 2022 11:19:22 AM

---

Hi Zack,

I wanted to follow up to ensure that you received all three emails with the information for the Panhandle Project and also, about setting up a meeting.

I recently had a medical procedure and will be on crutches for the next three weeks. I could meet virtually with you however, I won't be able to meet in person until the week of April 25.

Virtually, I'm available April 19, 20 and the morning of April 26. I'd be available in person April 25, 27 and 29.

Thanks and let me know if you received all three emails.

Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Zack Hamm](#); [Michelle McCormack](#)  
**Cc:** [tammy.jolicoeur@caldwellfirstnation.ca](mailto:tammy.jolicoeur@caldwellfirstnation.ca)  
**Subject:** Scope change: Panhandle Regional Expansion Project  
**Date:** Monday, April 11, 2022 11:28:49 AM  
**Attachments:** [MAP\\_60665521\\_Fig2-Leamington.pdf](#)  
[MAP\\_60665521\\_Fig1-PanhandleLoop.pdf](#)  
[Caldwell FN Scope Change PREP .pdf](#)

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Good morning,

Hope this finds you well.

I wanted to provide you some information on the scope change for our Panhandle Regional Expansion Project. Please find attached a letter explaining it along with two maps to provide further details.

The environmental report will be ready, hopefully, by months end. I'd like to get a time to discuss the ER as well as the final scope for this project with Caldwell First Nation.

I had proposed some dates for a meeting in a different email but haven't heard back. If you could provide some dates to me, I would accommodate my schedule to meet. I would like to get a better understanding of how the Consultation Protocol is set up, the capacity funding that is required and the process Caldwell First Nation would like to take on this Project.

I look forward to receiving some dates.

Thanks so much,  
Lauren



Enbridge Gas Inc.  
109 Commissioners Road W.  
London, ON N6A4P1

April 8, 2022

Michelle McCormack  
Caldwell First Nation  
14 Orange Street  
Leamington, ON N8H 1P5

Dear Michelle McCormack:

**Regarding: Project Update for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

The preferred routes are found in **Figures 1 and 2** attached to this letter.

The purpose of this letter is to provide an update on the latest developments of the project.

Earlier in the project planning stages, the original scope of the project also included the Wheatley Lateral Reinforcement (formerly the Wheatley Interconnect). After the three pipeline segments were presented in the first virtual information session from November 17 – December 3, 2021, the Panhandle Loop and Leamington Interconnect were selected to continue in the planning process, while the Wheatley Lateral Reinforcement was downsized and aggregated with several additional customer-driven distribution pipelines proposed at the second virtual information session.

The Panhandle Loop, Leamington Interconnect, and the distribution lines (including the Wheatley Lateral Reinforcement, the Talbot Road Reinforcement, and the Oak Street and Essex Road 33 Reinforcement) were presented to the public and interested stakeholders in a second virtual information session from February 14 – 28, 2022. The following distribution lines presented at the second virtual information session will no longer be considered as part of Enbridge Gas' Panhandle Regional Expansion Project:

- Wheatley Lateral Reinforcement: After reassessment, the scope and timing of the proposed facility will be revisited at a later date.
- Talbot Road Reinforcement: After reassessment, the required timing for this distribution facility has changed and therefore it will not be included within the Panhandle Regional Expansion Project.
- Oak Street and Essex Road 33 Reinforcement: After reassessment, the required timing for this distribution facility has changed and therefore it will not be included within the Panhandle Regional Expansion Project.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)* and will:

- Outline the environmental planning process and regulatory framework;
- Develop a consultation program to receive input from interested and potentially affected parties;
- Identify and evaluate potential alternatives from undertaking the project;
- Select preferred routes that minimize potential environmental effects;
- Complete a detailed review of environmental features along the preferred routes and assess the potential environmental effects of the project on these features;
- Establish mitigation measures that may be used to minimize or eliminate potential environmental effects of the project; and
- Identify any necessary supplemental studies, monitoring, and contingency plans.

The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022. OEB review and approval is required before this project can proceed.

A key part of the planning process involved consultation with Indigenous communities, local landowners, government agencies and other interested parties that could be impacted by the project. Input received has helped confirm the selection of the preferred routes and to develop site-specific environmental protection and mitigation measures, which will be outlined in the ER.

Proposed construction for the Panhandle Loop is in 2023. The proposed timing of construction for the Leamington Interconnect presented at the first and second virtual information sessions has been tentatively changed to 2024.

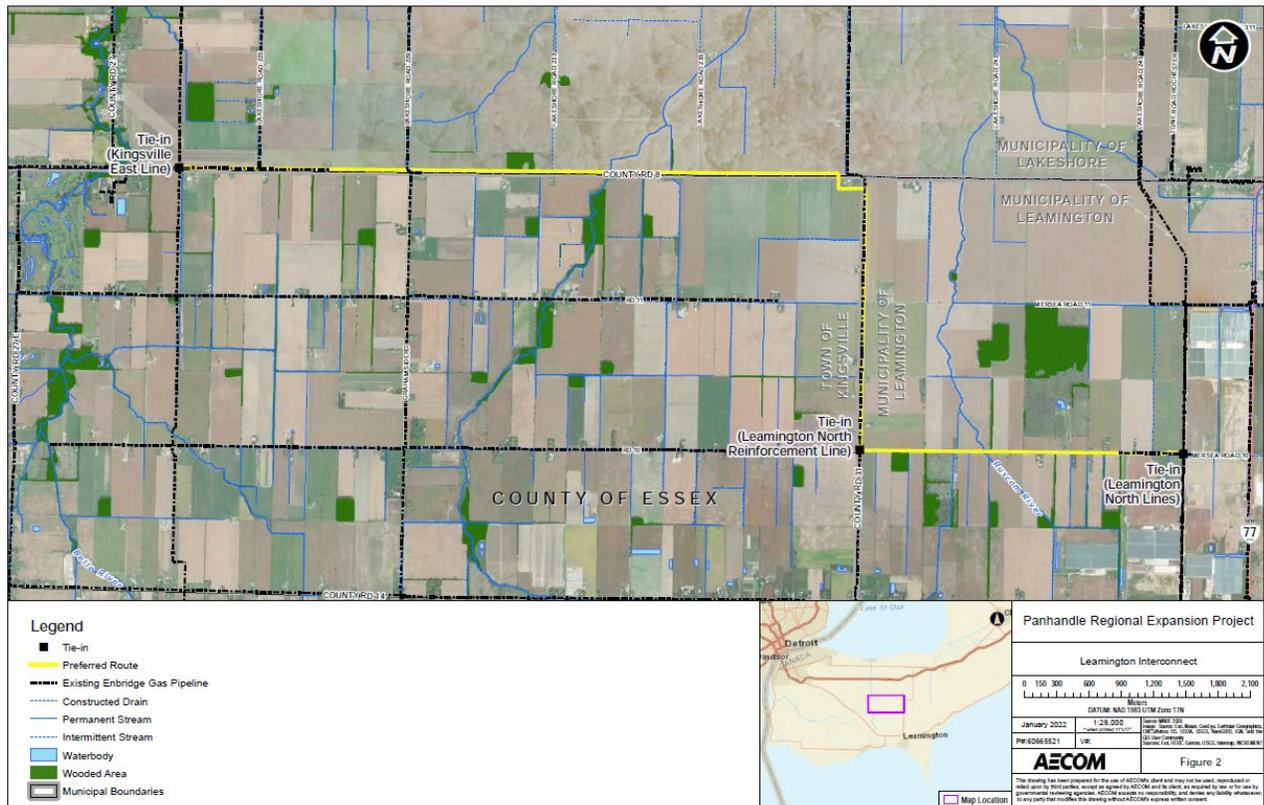
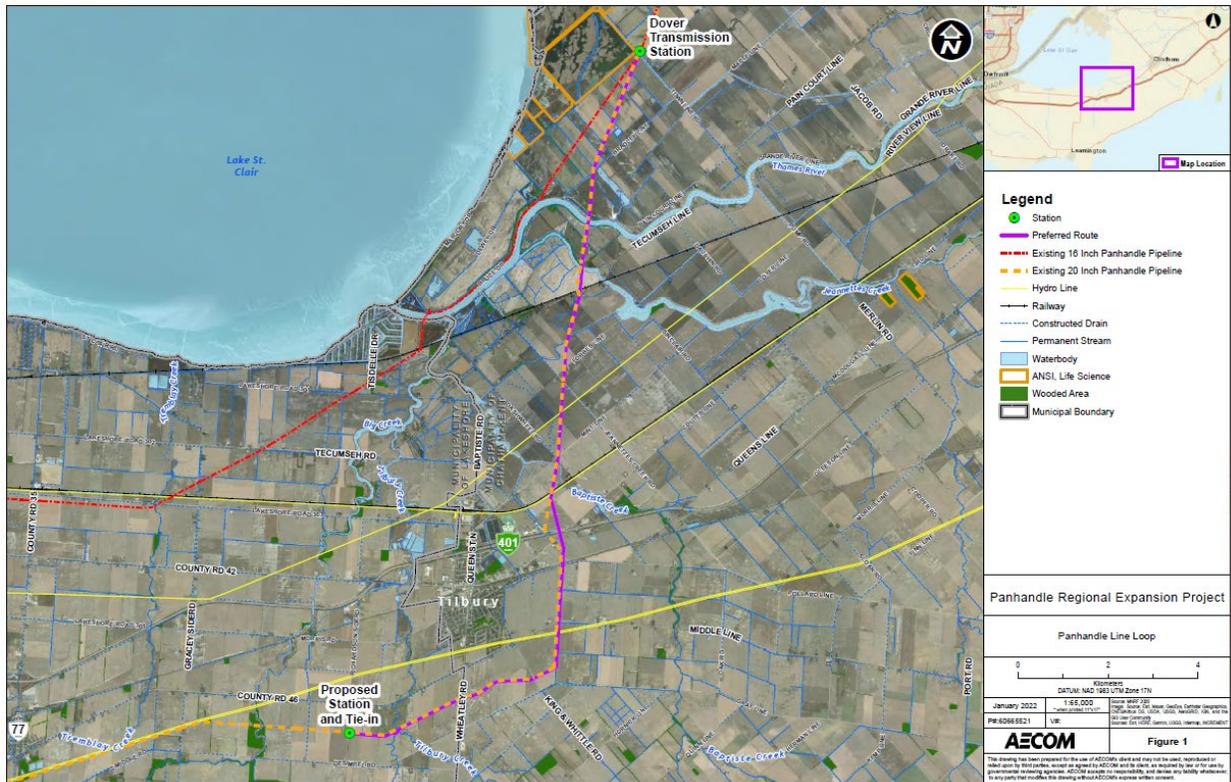
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

Sincerely,

A handwritten signature in black ink, appearing to read "L. Whitwham".

Lauren Whitwham  
Sr. Advisor, Community & Indigenous  
Engagement Enbridge Gas Inc.  
Lauren.Whitwham@enbridge.co  
m Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.  
Mark Van der Woerd - AECOM  
Kristan Washburn - AECOM



**From:** [Lauren Whitwham](#)  
**To:** [Zack Hamm](#)  
**Cc:** [Michelle McCormack](#); [tammy.jolicoeur@caldwellfirstnation.ca](mailto:tammy.jolicoeur@caldwellfirstnation.ca)  
**Subject:** Panhandle Regional Expansion Project: meeting request  
**Date:** Wednesday, April 20, 2022 1:13:48 PM

---

Hi Zack,

Apologies for the abundance of emails recently however, I want to make you aware of timelines that I have on the Panhandle Regional Expansion Project and hopefully we can get a meeting set up soon.

Some timelines ahead for Enbridge Gas on this Project are:

- Enbridge Gas would like to file our Environmental Report with the Ontario Pipeline Coordinating Committee late next week. This report has a 42 day comment timeline and we could appreciate feedback from Caldwell First Nation on this report.
- Enbridge Gas would like to file the project with the OEB in mid June 2022.

The Panhandle Project consists of the following:

- Panhandle Loop: Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- Leamington Interconnect: Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

I recognize that Caldwell First Nation has a consultation protocol and I have received the letter requesting re-engagement on the Project date March 11. I sent the information package over to you on March 21 in three separate emails however, I was just made aware that Email #2 did not go through. I will resent this immediately in two separate emails to reduce the size of the file.

Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents, participation in field work associated with proposed projects, and to engage in meaningful consultation. As is our approach on all projects, we are prepared to provide capacity funding to support your team's work. If you could provide me with a proposal, that would be great.

I would very much appreciate the opportunity to meet with you to discuss the project. If you could please provide a couple of dates that work best for Caldwell First Nation, I will work to ensure that I can have a group attend.

---

Thanks so much,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Zack Hammy](#); [Michelle McCormack](#)  
**Cc:** [tammy.jolicoeur@caldwellfirstnation.ca](mailto:tammy.jolicoeur@caldwellfirstnation.ca)  
**Subject:** Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, April 29, 2022 10:15:43 AM

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Good morning,

Hope this finds you well. The Environmental Report for the proposed Panhandle Regional Expansion Project is now available for review and comments.

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing the Panhandle Regional Expansion Project (the project) to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

If approved by the Ontario Energy Board (OEB), proposed construction for the Panhandle Loop is targeted for 2023 while the Leamington Interconnect is targeted for 2024.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER has been prepared in accordance with the Ontario Energy Board's (OEB) Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016).

**Due to its size, I'm unable to attach the ER to this email. The Environmental Report, along with Appendices E and F (linked separately) can be viewed and downloaded via the Regulatory information tab on the Panhandle Regional Expansion Project webpage, at <https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion>.**

We are interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights. We would appreciate your review of the ER and the provision of any comments by Friday, June 10, 2022. Enbridge acknowledges that capacity support may be required

to enable you to engage in timely technical reviews of documents and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the project.

I would appreciate the opportunity to meet with you to discuss the ER and review the potential environmental and socio-economic effects that may result from the project. If you could provide some dates that fit within your schedule, that would be most helpful. We would also review the other Projects that Enbridge currently has proposed.

Thanks so much and feel free to reach out to me with any questions or concerns,  
Lauren

From: Laurin Wozniak  
 To: Richard Wickham, Zach Mann  
 Cc: Laurin Wozniak  
 Subject: May 2022 Update: Enbridge Gas Projects  
 Date: Friday, May 6, 2022 11:22:42 AM

Good morning,

Recognizing that there are many projects on the go from various different proponents, I wanted to put together a monthly email that provides the proposed Enbridge Gas "Leave to Construct" (LTC) projects along with some high level details of the status and important dates.

I am very open to changes that I can make to this chart that would better suit your needs. Please let me know and I'd be happy to adjust. Additionally, if there is other information that you would like on a monthly basis, please let me know.

Enbridge Gas Proposed Project	Project Initiation	Project Status as of May 3, 2022	Outstanding Engagement Requests	Projected Ontario Energy Board (OEB) Filing date	Proposed Project Construction Timeline
Dawn Corunna Pipeline Project	April 13, 2021	Ongoing consultation Currently in the OEB regulatory process (EB-2022-0086) Stantec, on behalf of Enbridge Gas, is conducting field surveys	Seeking opportunities to review project submission	March 21, 2022 (submitted)	Spring 2023
Panhandle Regional Expansion Project	August 11, 2021	Ongoing consultation Environmental report released and seeking comments by Friday, June 10, 2022: <a href="https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion">https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion</a>	Seeking review and comment on the Environmental Report. Looking for opportunities to set up a meeting to review the potential environmental and socio-economic effects that may result from the project. Interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights	June 2022 (upcoming)	Spring 2023
Ridge Landfill Pipeline Project	March 1, 2022	Ongoing consultation Virtual Open House running from April 25 to May 8, 2022: <a href="http://www.RidgeRNG.ca">www.RidgeRNG.ca</a>	Seeking comments on the project, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights.	July 2022 (upcoming)	Spring 2023
<p>Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the project.</p>					

**From:** [Lauren Whitwham](#)  
**To:** [Zack Hamm](#); [ecc@caldwellfirstnation.ca](mailto:ecc@caldwellfirstnation.ca)  
**Cc:** [tammy.jolicoeur@caldwellfirstnation.ca](mailto:tammy.jolicoeur@caldwellfirstnation.ca)  
**Subject:** Follow up: Enbridge Panhandle Project: Environmental Report ready  
**Date:** Wednesday, May 18, 2022 8:52:21 AM

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Good morning,

Hope this finds you well.

I have tried to go into the Consultation portal to upload the Environmental Report to the site, however, I am not able to update the project. I'm not sure if there is something I'm doing incorrectly. I was wondering if you provided training or we could have a call and I could share my screen with you.

The environmental report is available at the link below. I would greatly appreciate the opportunity to speak with you about the project, along with the Project Manager and our Environmental Advisor to review the potential environmental and socio-economic effects that may result from the project. Interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights.

If you could please provide a couple of dates that work best for you, we would try our best to accommodate them.

Thanks and I look forward to hearing from you.

Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Zack Hamm](#); [Michelle McCormack](#)  
**Cc:** [tammy.jolicoeur@caldwellfirstnation.ca](mailto:tammy.jolicoeur@caldwellfirstnation.ca)  
**Subject:** RE: Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, May 27, 2022 12:18:19 PM

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Hi Zack and Michelle,

Just wanted to send a friendly reminder that the environmental report for the Panhandle Regional Expansion Project is now available for review and comments. The link to the report is below.

We would appreciate any comments by Friday, June 10, 2022 however, we are happy to accept them at any point in the process. Additionally, if you require capacity funding to have this report reviewed by a third party, please let me know.

Have a nice weekend.

Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Valerie George](#)  
**Subject:** Enbridge proposed project: Panhandle Transmission System  
**Date:** Wednesday, August 11, 2021 3:47:48 PM  
**Attachments:** [image002.png](#)

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Hi Valerie

I wanted to provide you with a heads up of a proposed project that Enbridge is looking at. Enbridge is currently conducting a review for increasing the capacity of Enbridge Gas' Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent, providing access to safe, reliable and affordable natural gas.

This proposed project would take place in the area of Chatham Kent – Essex region.

At this time, the project is in the preliminary stages and various options are being examined based on costs, environmental impact and construction timelines.

We will be reaching out in the next little bit with our formal notification for the Project and to discuss and obtain your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts to Aboriginal or treaty rights.



Please let me know if you have any questions or concerns. I'll be in touch on this project once we have more information available.

Thanks and best wishes.  
Lauren

**From:** [Valerie George](#)  
**To:** [Lauren Whitwham](#)  
**Subject:** [External] RE: Enbridge proposed project: Panhandle Transmission System  
**Date:** Thursday, August 12, 2021 9:41:39 AM  
**Attachments:** [image001.png](#)

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**EXTERNAL: PLEASE PROCEED WITH CAUTION.**

This e-mail has originated from outside of the organization. Do not respond, click on links, or open attachments unless you recognize the sender or know the content is safe.

Thank you Lauren, I look forward to hearing more.

Valerie



## Engagement on Projects

- Enbridge is committed to engaging with Kettle and Stony Point First Nation on the proposed projects throughout the Life Cycle of the asset
- As with all Enbridge projects, we are seeking your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts to Aboriginal or treaty rights
- Enbridge welcomes Kettle and Stony Point's participation in environmental and archaeological field studies
- Enbridge acknowledges the capacity support required to engage in timely technical reviews of the documents and to engage in meaningful engagement. As is our approach on all projects, we are prepared to provide capacity funding to support your team's work

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## Panhandle Regional Expansion Project

- Enbridge is currently conducting a review for increasing the capacity of Enbridge Gas' Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent, providing access to safe, reliable and affordable natural gas.
- This proposed project would take place in the area of Chatham Kent – Essex region.
- At this time, the project is in the preliminary stages and various options are being examined based on costs, environmental impact and construction timelines.

18



# Panhandle Regional Expansion Project



**From:** [Lauren Whitwham](#)  
**To:** [Valerie George](#)  
**Cc:** [gillian.brown2@Ontario.ca](mailto:gillian.brown2@Ontario.ca)  
**Subject:** Notice of the Enbridge Proposed Panhandle Regional Expansion Project  
**Date:** Friday, October 15, 2021 10:37:06 AM  
**Attachments:** [Panhandle Regional Expansion Project Maps.pdf](#)  
[Notice of Commencement Panhandle KSPFN.pdf](#)  
[Proposed Panhandle Regional Expansion Project KSPFN.pdf](#)

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Good morning Valerie,

If you might recall, I sent an email back on August 11, 2021 letting you know of a potential proposed project to increasing the capacity of Enbridge Gas' Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent, providing access to safe, reliable and affordable natural gas.

Enbridge has decided to proceed with the proposed Panhandle Regional Expansion Project

Please find attached:

1. Letter about the Proposed Project
2. Study area map of the Proposed Project
3. Notice of Commencement which contains the Virtual Open House dates (November 17-December 3, 2021 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle))

We are interested in your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on your Aboriginal or treaty rights.

Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents, participation in field work associated with proposed projects, and to engage in meaningful consultation. As is our approach on all projects, we are prepared to provide capacity funding to support your team's work.

Thanks and have a good weekend,  
Lauren



Enbridge Inc  
109 Commissioners Road West,  
London, ON  
N6A4P1

Valerie George  
Chippewas of Kettle and Stony Point  
6247 Indian Lane  
Lambton Shores, ON  
N0N 1J2

October 15, 2021

Dear Valerie,

**Re: Notice of the Proposed Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The Panhandle Regional Expansion Project (the Project) includes the construction of the following:

- Approximately 23 kilometres (km) of new pipeline looping the existing 20-inch Panhandle Pipeline. The new pipeline will be up to 42 inches in diameter and located adjacent to an existing pipeline corridor between Comber and Dover Transmission Stations.
- Construction of a new 16-inch pipeline adjacent to or within existing road rights-of-way on public or private property to connect the Leamington North Line to both the Kingsville East Line and Leamington North Reinforcement Line. The pipeline is approximately 12 km in length.
- Construction of a new 16-inch pipeline to connect the Tilbury East Valve Site to the Wheatley Road Station. The pipeline is approximately 6 km and will be located adjacent to or within existing road rights-of-way on public or private property.

Where possible, the Project will be located within existing road allowances, utility corridors and rights-of-way. While a preliminary preferred Project route has not yet been determined Enbridge Gas anticipates that permanent easement and temporary working space and laydown areas may be required. Enbridge Gas will work with regulators and landowners to identify and secure appropriate working space and easements as required.

As part of the planning process for the Project, Enbridge Gas has and will retain an external consulting firm to undertake an Environmental Study of the construction and operation of the Project. The Environmental Study as required by the Ontario Energy Board's (OEB)



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N6A4P1

*"Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".*

Enbridge Gas' preliminary work on the Project has identified the following potential authorizations:

Provincial:

- Ontario Energy Board;
- Infrastructure Ontario;
- Ministry of Transportation;
- Ministry of Heritage, Sports, Tourism and Culture Industries ("MHSTCI");
- Ministry of Environment, Conservation and Parks;
- Ministry of Indigenous Affairs; and
- Hydro One.

Municipal:

- The Municipality of Chatham-Kent;
- The County of Essex;
- The Town of Kingsville;
- The Municipality of Leamington;
- The Town of Tecumseh;
- The Municipality of Lakeshore; and
- The City of Windsor.

Other:

- Indigenous engagement;
- Landowner agreements;
- Lower Thames Valley Conservation Authority;
- Essex Region Conservation Authority; and
- Utility circulation.

We would like to consult with your community on the proposed Project. We are interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts the Project may have on your Aboriginal or treaty rights.

Enbridge Gas acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents, participation in field work associated with the Project, and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the Project.



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London, ON  
N6A4P1

Enbridge Gas has been delegated the procedural aspects for consultation by the Ministry of Energy on behalf of Ontario. Ministry officials are also available should you wish to contact them directly with any questions or concerns. Please contact:

Gillian Brown  
Senior Advisor, Indigenous Energy Policy  
gillian.brown2@Ontario.ca

We would like to set up a meeting to discuss the Project with you to provide you with an opportunity to express any questions or concerns you have. Please feel free to contact me at [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com) or 519-852-3474 so we can set up a time to meet. You may also provide me with any feedback you may have regarding the Project in writing by November 19, 2021, if possible.

Many thanks,

A handwritten signature in black ink, appearing to read 'L. Whitwham', written in a cursive style.

Lauren Whitwham  
Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Enbridge Inc.  
519-852-3474  
Lauren.whitwham@enbridge.com



Enbridge Gas Inc.  
109 Commissioners Road W  
London, ON  
N6G 4V7

October 15, 2021

Valerie George  
Consultation Coordinator  
Chippewas of Kettle and Stony Point First Nation  
6247 Indian Lane  
Lambton Shores, ON N0N 1J1

Dear Valerie George:

**Regarding: Project Commencement and Virtual Information Session for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The Panhandle Regional Expansion Project includes the construction of the following:

- Approximately 23 kilometres (km) of new pipeline looping the existing 20-inch Panhandle Pipeline. The new pipeline will be up to 42 inches in diameter and located adjacent to an existing pipeline corridor between Enbridge Gas' Comber Transmission Station, located in the Municipality of Lakeshore, and its Dover Transmission Station, located in the Municipality of Chatham-Kent.
- Construction of a new pipeline up to 16 inches in diameter adjacent to or within existing road rights-of-way on public or private property to connect the Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line. The pipeline is approximately 12 km in length and would be located in both the Town of Kingsville and the Municipality of Leamington.
- Construction of a new pipeline up to 16 inches in diameter to connect the Tilbury East Valve Site to the Wheatley Road Station. The pipeline is approximately 6 km and will be located adjacent to or within existing road rights-of-way on public or private property either within the Municipality of Chatham-Kent or the Municipality of Lakeshore.

The location of the project and preliminary preferred routes for each segment are shown on the attached figures.

AECOM has been retained by Enbridge to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The report will outline potential pipeline route evaluations and plans for avoiding and/or mitigating any effects, where possible. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*. The ER will accompany a Leave-to-Construct application that will

be submitted to the OEB in the spring of 2022. OEB review and approval is required before this project can proceed. Construction of the project is planned to begin as early as spring of 2023.

A key part of the planning process involves consultation with Indigenous Communities, local landowners, government agencies and other interested parties that could be impacted by the project. A virtual information session is planned to provide interested parties an opportunity to learn and comment on the proposed routes. It will also provide an overview of the planning process and studies completed.

The purpose of this letter is to invite you to attend the virtual information session and provide feedback in a format that is convenient for you:

Virtual Information Session	
<b>Date:</b>	Materials will be available at 5 p.m. on November 17, and available until December 3.
<b>Website:</b>	<a href="http://www.virtualengagement.ca/panhandle">www.virtualengagement.ca/panhandle</a>

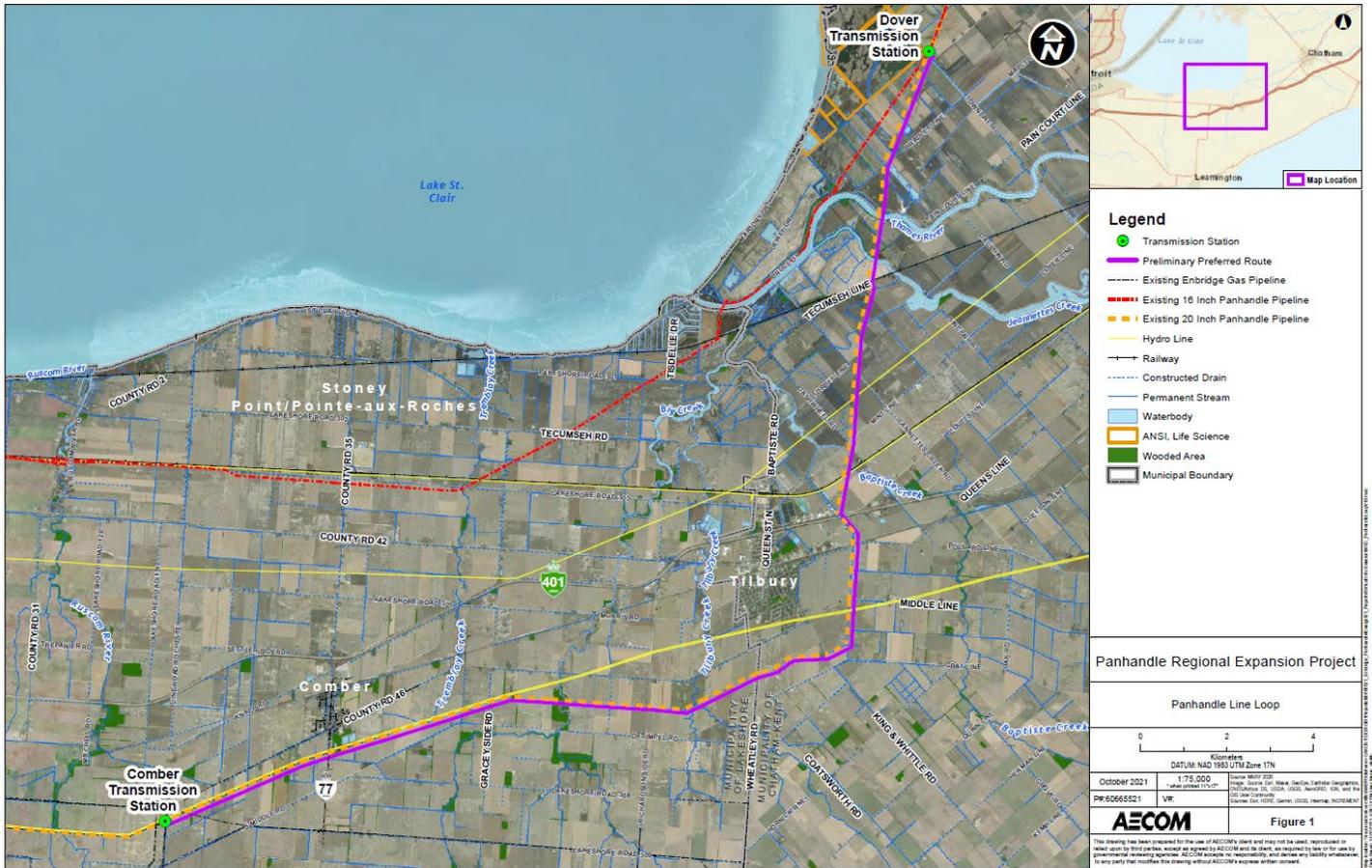
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

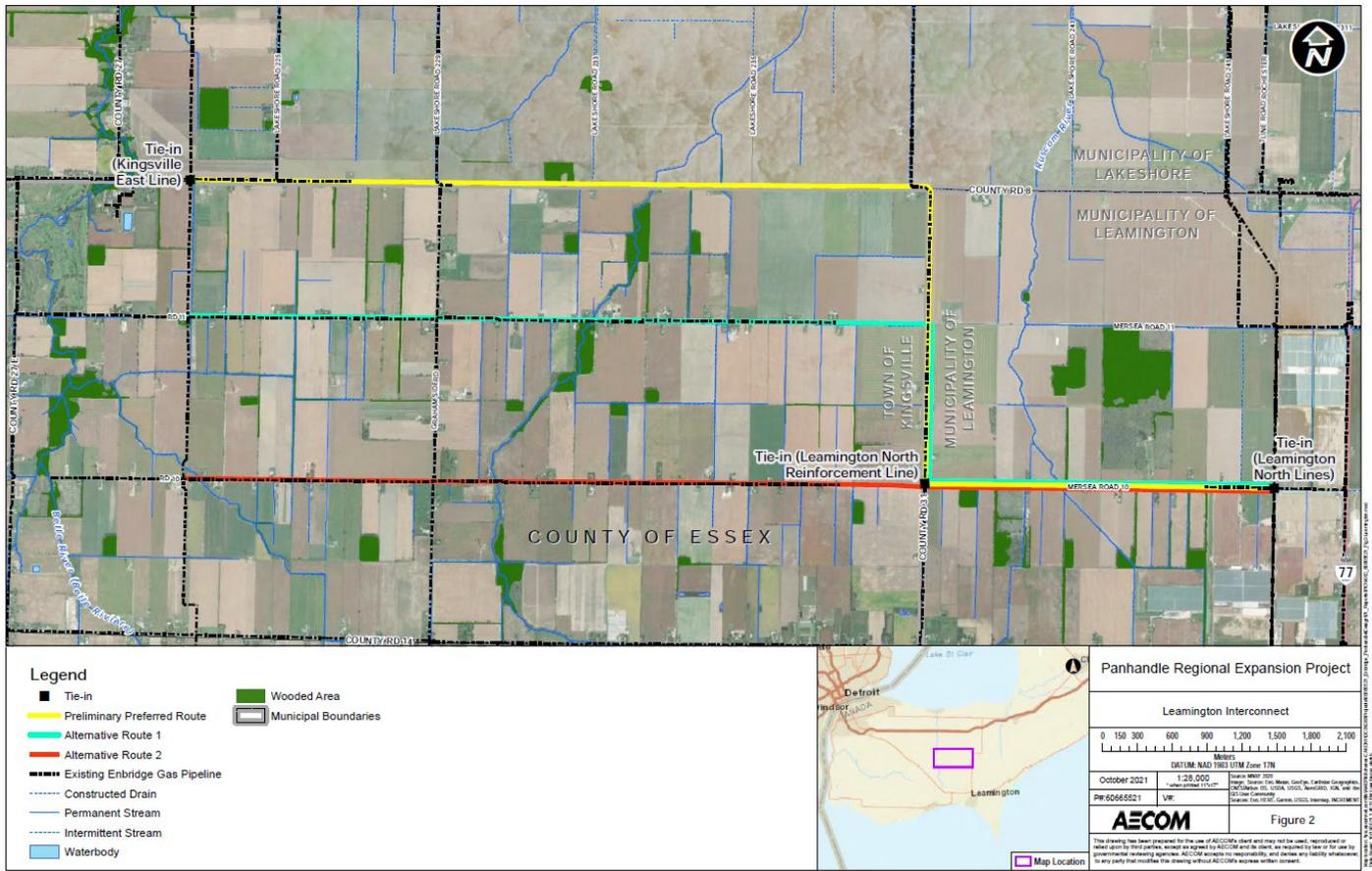
Sincerely,

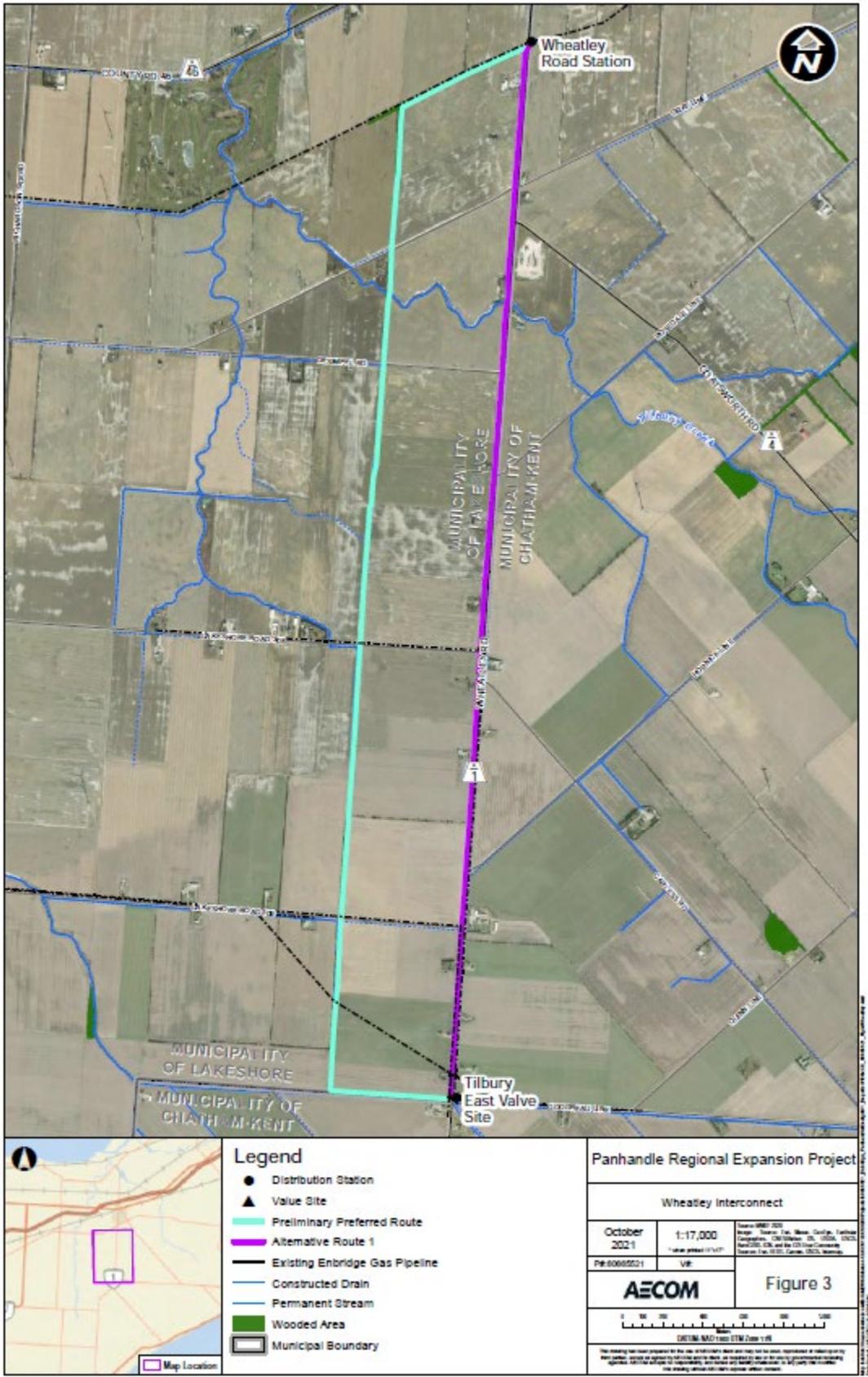


Lauren Whitwham  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Lauren.Whitwham@enbridge.com  
Phone: (519) 852-3474

CC: Evan Tomek - Enbridge Inc.  
Mark Van der Woerd - AECOM  
Kristan Washburn - AECOM







**From:** [Lauren Whitwham](#)  
**To:** [Valerie George](#)  
**Subject:** Open House Slides for Panhandle Project  
**Date:** Thursday, November 18, 2021 8:31:31 AM  
**Attachments:** [2021-11-12-Final Panhandle Virtual Open House Full Slides.pdf](#)

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Good morning,

The Virtual Open House for the Panhandle Regional Expansion Project went live last night and will be open for the next two weeks. I've attached the VOH slide deck for you and included the link for the open house here: <https://www.virtualengagement.ca/panhandle>

If you have any questions and comments about the Open House slides, you can submitted on the VOH website or send them directly to me.

Looking forward to discussing this project with you in the months to come. I will reach out in the new year to set up a meeting.

Thanks,  
Lauren

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**From:** Lauren Whitwham [mailto:Lauren.Whitwham@enbridge.com]  
**Sent:** December-08-21 10:59 AM  
**To:** Valerie George <Valerie.George@kettlepoint.org>  
**Subject:** Summary of our call - Enbridge Projects

Hi Valerie,

Thanks for taking my call today. It was great to connect.

Just wanted to summarize our call and provide some information for you.

If you wish to be an intervenor on the 2022 Storage Project, please follow the instruction sheet provided in the Nov 22 email. I'm committed to working with you and your new consultation committee to ensure you have all your questions answered about this project and the other projects that Enbridge has on the go right now. Rest assure that if you decide to not intervene, we will continue to work together.

Currently Enbridge is in the planning stages of the following Projects:

1. 2022 Storage Enhancement – Filed with OEB
2. Coveny Kimball Well Drilling Project – To be filed with OEB in December
3. Dawn Corunna – to be filed with the OEB in January
4. Panhandle Regional Expansion project – to be filed with OEB in Q2 or Q3

I've attached the presentation that I provided to you with some updates in it since we chatted in September. I've also attached the Project Notification letters for each of the projects. Hopefully this helps the new committee. If you need the environmental reports, please let me know and I can get those over to you as well.

Also, capacity funding is available for each Project to enable you to engage in meaningful consultation, timely technical reviews of documents, and participation in field work associated with proposed projects. If you could provide us with invoices for your time, separated out by Project, that

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would be most helpful. If Kettle and Stony has a consultation protocol document, could you send it over to ensure that I am following proper procedure.

Please let me know if you have any questions or concerns. Unfortunately, I think that presenting to you in the new year will likely be virtually due to the COVID outlook but I'm happy to do so however we chose. I look forward to meeting with you committee. Please let me know what date works best for you.

If you don't speak again until the new year, I wish you a very happy holiday and a peaceful winter solstice.

All the best,  
Lauren

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From: [Valerie George](#)  
To: [Lauren Whitwham](#)  
Subject: [External] RE: Summary of our call - Enbridge Projects  
Date: Thursday, December 9, 2021 9:33:36 AM

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**CAUTION: EXTERNAL EMAIL**

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

Hello Lauren

Thank you for the background. It should good enough for the Committee to catch up.

Valerie

**From:** [Lauren Whitwham](#)  
**To:** [Valerie George](#)  
**Subject:** Virtual meeting to discuss Enbridge Gas Projects  
**Date:** Tuesday, January 11, 2022 9:49:45 AM

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Hi there Valerie,

Happy New Year! Hope this finds you well and that you had a enjoyable break.

I would like to set up a call in the next few weeks so that I can bring your consultation committee up to date on some ongoing Enbridge Gas projects.

If you could provide me with some dates and times that work best for you, I'll work to accommodate my schedule. We understand that capacity funding might be required for this meeting and we are happy to provide it.

I would like to discuss the following projects with your Consultation Committee:

- 2022 Storage Enhancement
- Coveny and Kimball Colinville Well Drilling Project
- Dawn Corunna
- Panhandle Regional Expansion Project

We can also touch base on the projects that have recently been completed or are to be completed in 2022.

Looking forward to hearing from you,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Claire.Sault@kettlepoint.org](mailto:Claire.Sault@kettlepoint.org)  
**Subject:** Virtual Open House #2 - Panhandle Regional Expansion Project  
**Date:** Wednesday, January 26, 2022 4:03:45 PM  
**Attachments:** [Virtual Open House 2 Panhandle CKSPFN.pdf](#)

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Good afternoon Claire,

Hope this finds you well. As we haven't had the opportunity to discuss where I should be sending information for Project consultation, I hope that you could direct this to the appropriate person.

A key part of the planning process for our Panhandle Regional Expansion Project involves consultation with Indigenous Communities, local landowners, government agencies and other interested parties that could be impacted by the project.

A second virtual information session is planned to provide interested parties with an update on the project, along with an opportunity to learn about and comment on the proposed preferred routes for the Panhandle Loop, Leamington Interconnect, Wheatley Lateral Reinforcement (former Wheatley Interconnect segment) and preliminary preferred routes for the distribution pipelines. It will also provide an overview of the planning process and studies completed. We are interested in your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on your Aboriginal or treaty rights. Input received will help to confirm the selection of the preferred routes and to develop site-specific environmental protection or mitigation measures

The Virtual Open House #2 will be available from 5 p.m. on February 14, 2022 until February 28, 2022 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle).

We will also provide you with a PDF copy of the slides used in the VOH #2 and if easier, we can send a hardcopy via post. Please let us know what works best for you and your Nation.

If you require capacity funding in order to participate or review the Virtual Open House, please let me know as we are happy to provide this to you.

Please let me know if you have any questions or concerns.

Take care and talk soon,  
Lauren



Enbridge Gas Inc.  
109 Commissioners Road W.  
London, ON N6A4P1

January 26, 2022

Claire Sault  
Chippewas of Kettle and Stony Point First Nation  
6247 Indian Lane  
Kettle and Stony Point First Nation, ON  
N0N 1J1

Dear Claire Sault:

**Regarding: Notice of Second Virtual Information Session for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. As part of the proposed Panhandle Regional Expansion Project, Enbridge Gas has conducted a route analysis and selection process to determine the preferred routes, which include constructing the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville and the Municipality of Leamington.
- **Several distribution pipelines** varying in diameter and length to connect new large-volume customers to the Panhandle Transmission System. Please see below for further details on these pipelines.

A preliminary preferred route was presented for the Panhandle Loop and a preliminary preferred route and alternative routes were presented for the Leamington Interconnect during the first virtual information session, held between November 17 and December 3, 2021. Upon consideration of the feedback received during the session, the proposed routes were evaluated further, which has resulted in the selection of preferred routes found in **Figures 1 and 2** attached to this letter. In addition, since the first virtual information session, preliminary preferred routes for the proposed distribution pipelines have also been selected and will be presented in a second virtual information

session along with the preferred routes for the Panhandle Loop and Leamington Interconnect (see below for further details). The Wheatley Interconnect, which was previously presented during the first virtual information session, is now represented with the other distribution lines and this segment of pipeline has been selected as the preferred route. The distribution lines include:

- Talbot Road Reinforcement: Construction of a new distribution pipeline up to 8 inches in diameter travelling adjacent to or within an existing road allowance on public or private property along Talbot Road East in the Municipality of Leamington (Figure 3). The pipeline will be approximately 3.2 km in length.
- Oak Street and Essex Road 33 Reinforcement: Construction of a new distribution pipeline up to 6 inches in diameter travelling adjacent to or within existing road allowances on public or private property along Oak Street East and County Road 33 in the Municipality of Leamington (Figure 3). The pipeline will be approximately 1.9 km in length.
- Wheatley Lateral Reinforcement (formerly Wheatley Interconnect): Construction of a new distribution pipeline up to 8 inches in diameter starting from Enbridge Gas' Wheatley Road station and travelling west then south in an easement on private property to Goodreau Line. The pipeline will then travel east to a new proposed station at the intersection of Wheatley Road and Goodreau Line (preferred route). From this location, the new distribution line would travel east along Goodreau Line before turning southeast on Coatsworth Road to Talbot Trail (preliminary preferred route) (Figure 4). The pipeline will be approximately 16.1 km in length and all new pipelines on Goodreau Line and Coatsworth Road would either travel adjacent to or within existing road allowances on public or private property.

AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*. The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022 and will include both the transmission and distribution components of this project. OEB review and approval is required before this project can proceed. Construction is planned to begin as early as spring of 2023.

A key part of the planning process involves consultation with Indigenous and Métis Communities, local landowners, government agencies and other interested parties that could be impacted by the project. A second virtual information session is planned to provide interested parties with an update on the project, along with an opportunity to learn about and comment on the proposed preferred routes for the Panhandle Loop, Leamington Interconnect, Wheatley Lateral Reinforcement (former Wheatley Interconnect segment) and preliminary preferred routes for the distribution pipelines. It will also provide an overview of the planning process and studies completed. Input received will help to confirm the selection of the preferred routes and to develop site-specific environmental protection or mitigation measures.

The purpose of this letter is to provide an update on the latest developments of the project, as well as to invite you to attend the second virtual information session and provide feedback in a format that is convenient for you:

Virtual Information Session #2	
Date:	Materials will be available from 5 p.m. on February 14, 2022 until February 28, 2022.
Website:	<a href="http://www.virtualengagement.ca/panhandle">www.virtualengagement.ca/panhandle</a>

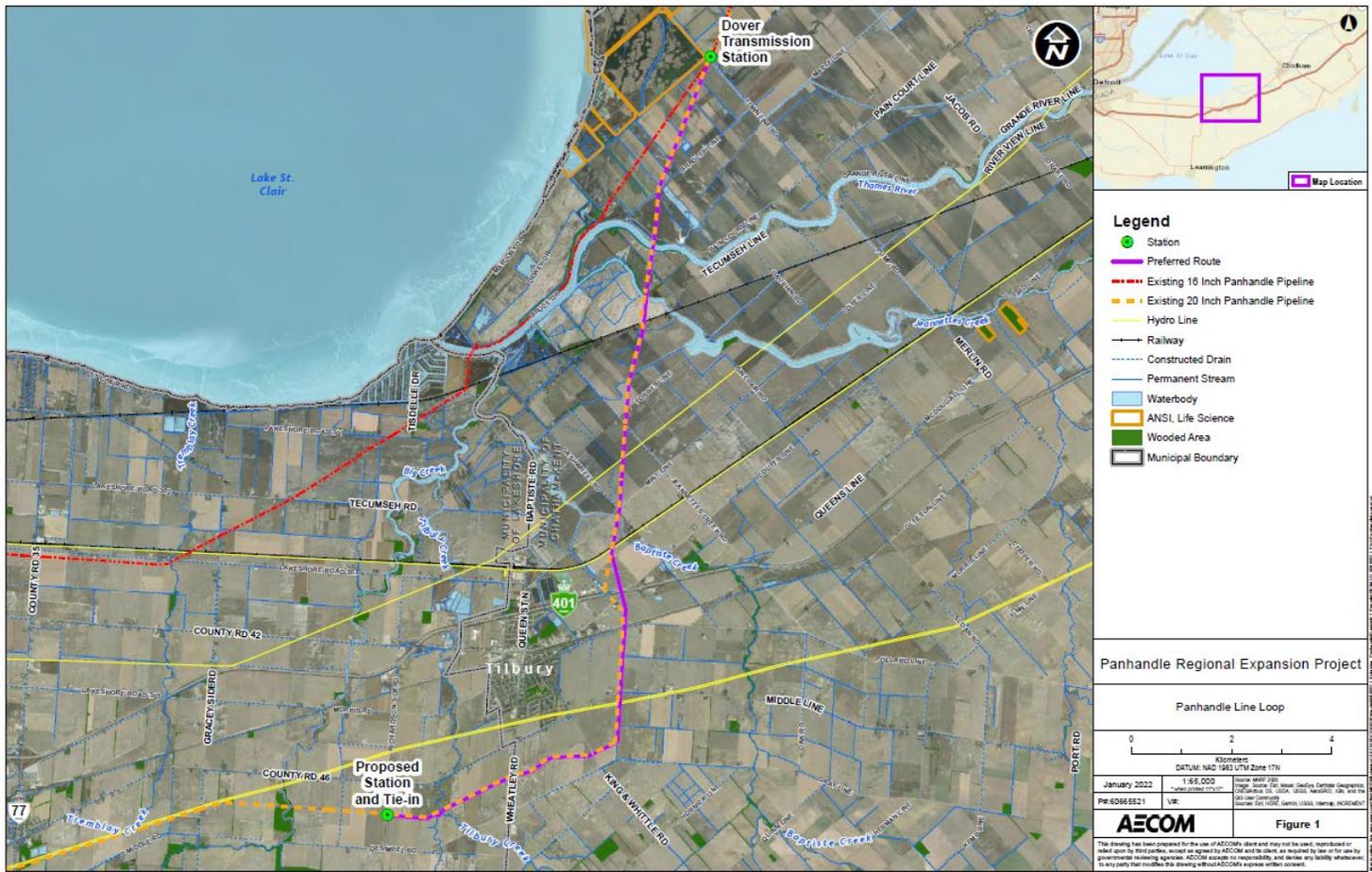
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

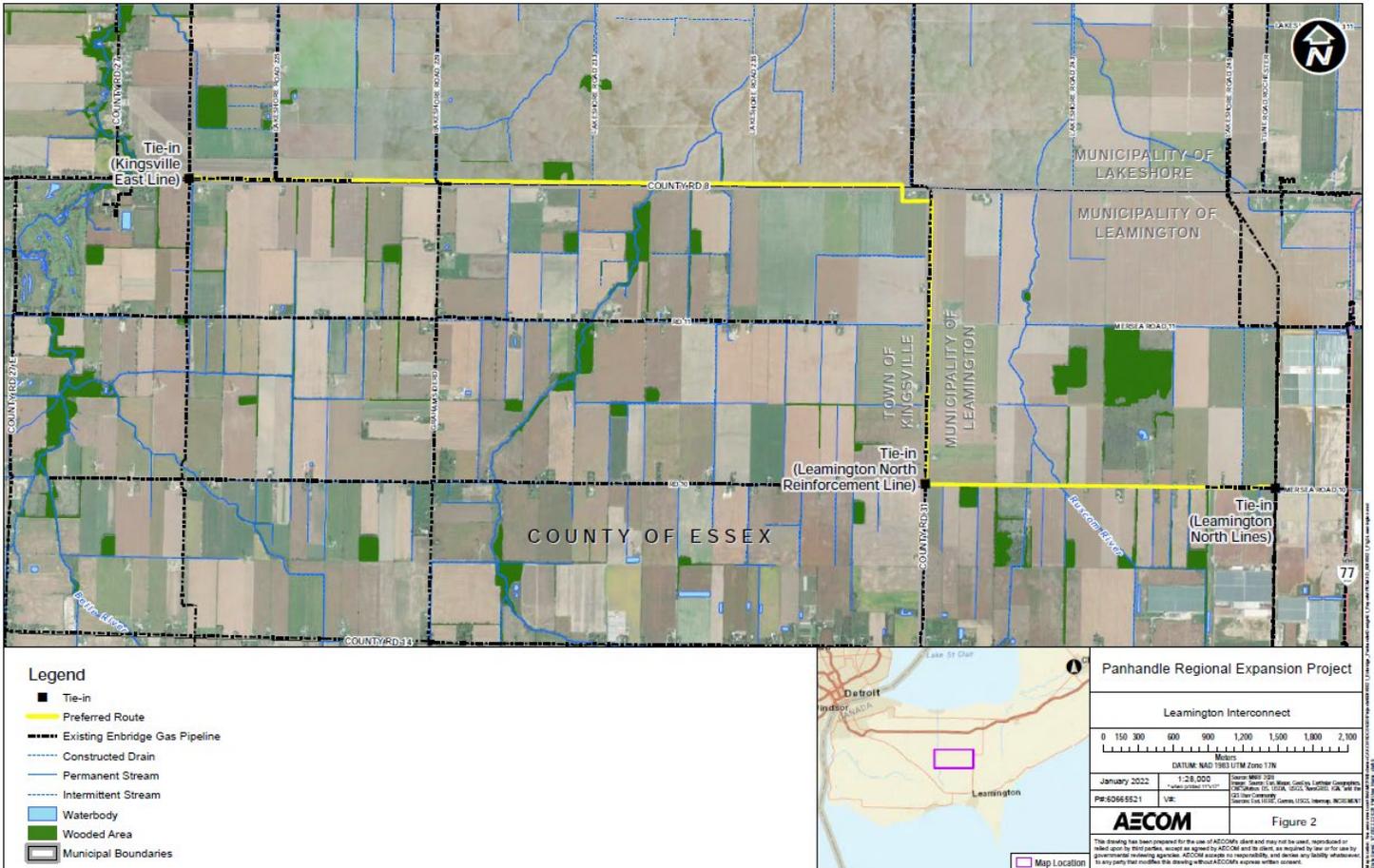
Sincerely,



Lauren Whitwham  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Lauren.Whitwham@enbridge.com  
Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.  
Mark Van der Woerd – AECOM  
Kristan Washburn – AECOM





- Legend**
- Tie-in
  - Preferred Route
  - Existing Enbridge Gas Pipeline
  - Constructed Drain
  - Permanent Stream
  - Intermittent Stream
  - Waterbody
  - Wooded Area
  - Municipal Boundaries



**Panhandle Regional Expansion Project**

**Leamington Interconnect**

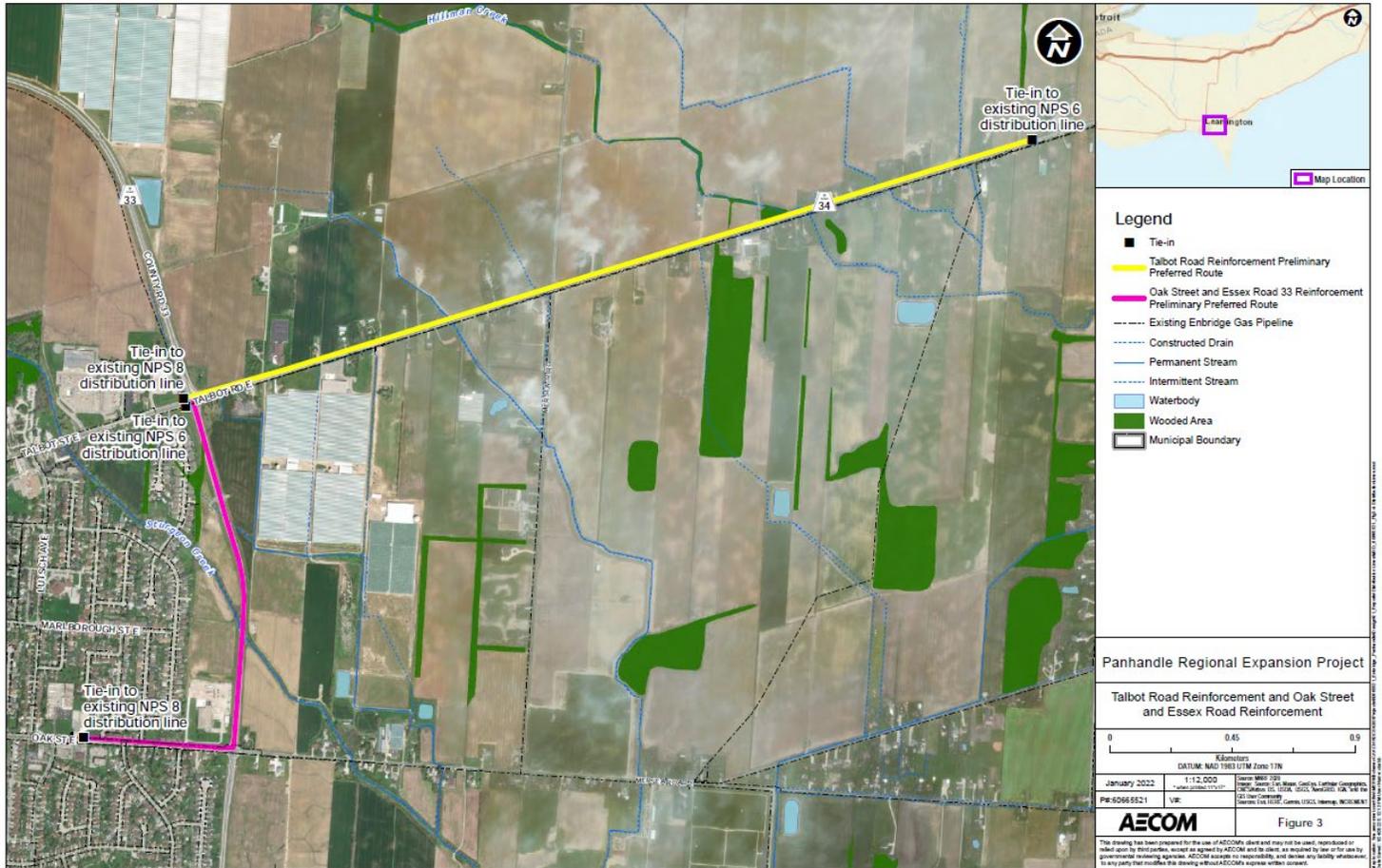
0 150 300 600 900 1,200 1,500 1,800 2,100  
Meters

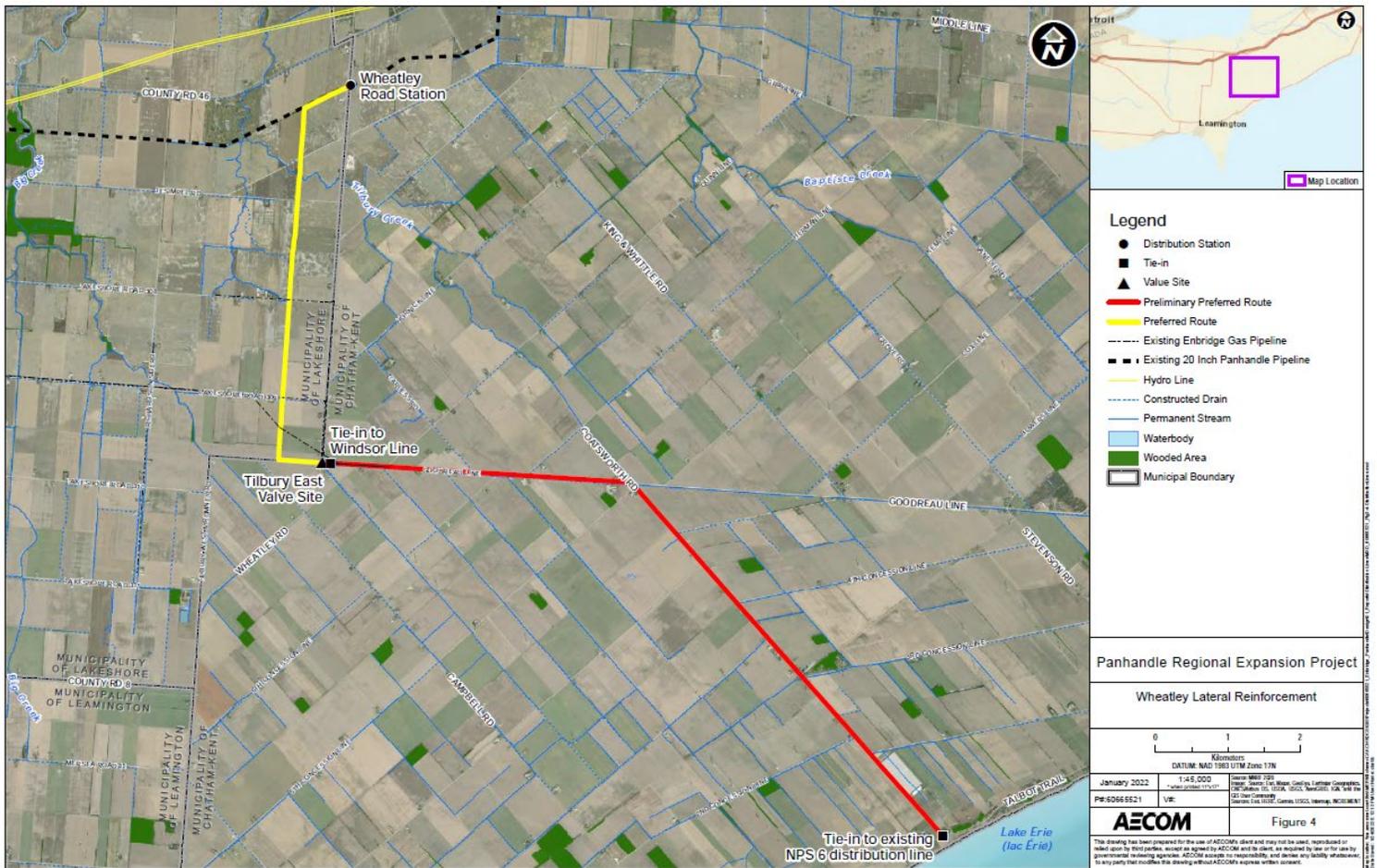
DATUM: NAD 1983 UTM Zone 17N

January 2022	1:25,000	ESR-000-1700
PE-50665521	1.0	ESR-000-1700

**AECOM** Figure 2

This drawing has been prepared for the use of AECOM's client and may not be used, reproduced or modified without the prior written consent of AECOM and its clients as required by law or the use by governmental regulatory agencies. AECOM disclaims all responsibility and liability to any party that modifies this drawing without AECOM's express written consent.

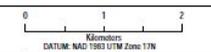




- Legend**
- Distribution Station
  - ▲ Tie-in
  - ▲ Value Site
  - Preliminary Preferred Route
  - Preferred Route
  - - - Existing Enbridge Gas Pipeline
  - - - Existing 20 Inch Panhandle Pipeline
  - Hydro Line
  - · · Constructed Drain
  - Permanent Stream
  - Waterbody
  - Wooded Area
  - Municipal Boundary

**Panhandle Regional Expansion Project**

**Wheatley Lateral Reinforcement**



January 2022	1:45,000	North	1:250
PR:50665521	V/E	AECOM	Figure 4

This drawing has been prepared for the use of AECOM's client and may not be used, reproduced or sold apart from the project, without the written consent of AECOM and its client. No liability shall be accepted by AECOM or its client for any errors or omissions in this drawing without AECOM's express written consent.

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**From:** Lauren Whitwham <Lauren.Whitwham@enbridge.com>  
**Sent:** February 8, 2022 8:40 AM  
**To:** Don Richardson <don@ibabraiding.com>  
**Cc:** Claire.Sault@kettlepoint.org; Philip Lee <philip.lee@southwindcorp.ca>  
**Subject:** RE: Enbridge Gas: Dawn Corunna Project

Good morning,

We have some proposed Enbridge Gas projects coming up within the traditional territory of CKSPFN, however not many west of London.

Project	Status	Location
2022 Storage Enhancement	Filed with OEB	Mooretown
Coveny and Kimball Colinville	Filed with OEB	Mooretown
Dawn Corunna	To be filed this week	Dawn/Corunna
Panhandle Regional Expansion Project	Filing in late Spring	Dawn/Leamington

We currently don't have anything with carbon sequestration, hydrogen and various renewable energy initiatives at a level that I have been brought in on.

I'd be happy to also engage Southwind with Richard Brant. Richard works for Enbridge and his role is to ensure that Enbridge's supply chain processes are void of barriers to Indigenous inclusion and he works with Enbridge operations and project teams to make sure they are aware of Indigenous businesses seeking to work with Enbridge.

Below are some times that I have available for meeting. If these times don't work for you, let me know and I can try to move some things around. I can also bring Richard into this call if that is of interest.

Thursday Feb 10 – after 1:00pm – 4pm  
Friday February 12- Anytime  
Monday February 14 – After 11am  
Tuesday February 22 – until 1pm  
Thursday February 24 until 1pm

Thanks,  
Lauren

---

**From:** [Don Richardson](#)  
**To:** [Lauren Whitwham](#)  
**Cc:** [Philip Lee](#)  
**Subject:** [External] RE: Enbridge Gas: Dawn Corunna Project  
**Date:** Tuesday, February 8, 2022 10:01:29 AM

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**CAUTION: EXTERNAL EMAIL**

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

Lauren,

Friday morning this week works. I suggest we schedule 1.5 hours. If you can send a calendar appointment Philip and I will send it to other CKSPFN-Southwind representatives who may attend as well.

Thank you.

Don

**From:** [Lauren Whitwham](#)  
**To:** [Don Richardson](#)  
**Cc:** [Claire.Sault@kettlepoint.org](mailto:Claire.Sault@kettlepoint.org); [Philip Lee](#); [Waverley Birch](#); [Samantha Shrubsole](#); [Emily Ferguson](#)  
**Subject:** FW: Notice of the Enbridge Proposed Panhandle Regional Expansion Project  
**Date:** Wednesday, February 9, 2022 3:58:19 PM  
**Attachments:** [Panhandle Regional Expansion Project Maps.pdf](#)  
[Notice of Commencement Panhandle KSPFN.pdf](#)  
[Proposed Panhandle Regional Expansion Project KSPFN.pdf](#)  
[Virtual Open House #2 - Panhandle Regional Expansion Project.msg](#)  
[Open House Slides for Panhandle Project.msg](#)  
[Enbridge proposed project Panhandle Transmission System.msg](#)

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Hi Don,

Please find attached the information on our Panhandle Regional Expansion Project that was provided to Valerie George.

Attached are the:

- Pre-Notice (email)
- Notice of Proposed Project
- Notice of Commencement
- Virtual Open House #1 slides (email)
- Virtual Open House #2 notification (email)

The Virtual Open House #2 will be available from 5 p.m. on February 14, 2022 until February 28, 2022 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle) .

We are interested in CKSPFN community feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on your Aboriginal or treaty rights. Input received will help to confirm the selection of the preferred routes and to develop site-specific environmental protection or mitigation measures. Capacity funding is available for engagement in Enbridge Projects.

I look forward to discussing this project with you.

Thanks,  
Lauren

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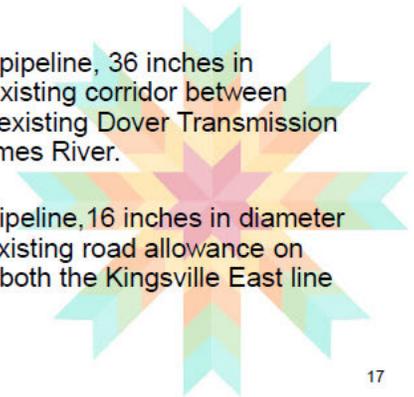
## Panhandle Regional Expansion Project



To serve an increased demand for energy in the region, Enbridge Gas is proposing to increase the capacity of our Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Lakeshore, Chatham-Kent, Windsor and all of Essex County. The project includes two transmission pipelines and three distribution pipelines:

### Two transmission pipelines:

1. Panhandle Reinforcement: Construction of a new natural gas transmission pipeline, 36 inches in diameter, 19 km in length. The new pipeline will be located adjacent to an existing corridor between Richardson Side Road in the Municipality of Lakeshore and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent. This project traverses the Thames River.
2. Leamington Interconnect: Construction of a new natural gas transmission pipeline, 16 inches in diameter and 12 km in length. The pipeline will be installed adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North lines to both the Kingsville East line and Leamington North Reinforcement line.



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## Panhandle Regional Expansion Project

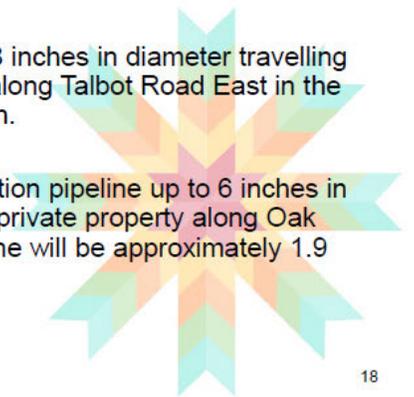


### Three distribution pipelines:

Wheatley Lateral Reinforcement: Construction of a new natural gas distribution pipeline, up to 8 inches in diameter and 16.1km in length. The distribution line will start from Enbridge Gas' Wheatley Road station then travel west then south in an easement on private property to Goodreau line. The pipeline will then travel east to a new proposed station at the intersection of Wheatley Road and Goodreau Line before turning southeast on Coatsworth Road to Talbot Trail, within existing road allowance.

Talbot Road Reinforcement: Construction of a new distribution pipeline up to 8 inches in diameter travelling adjacent to or within an existing road allowance on public or private property along Talbot Road East in the Municipality of Leamington. The pipeline will be approximately 3.2 km in length.

Oak Street and Essex Road 33 Reinforcement: Construction of a new distribution pipeline up to 6 inches in diameter travelling adjacent to or within existing road allowances on public or private property along Oak Street East and County Road 33 in the Municipality of Leamington. The pipeline will be approximately 1.9 km in length



18

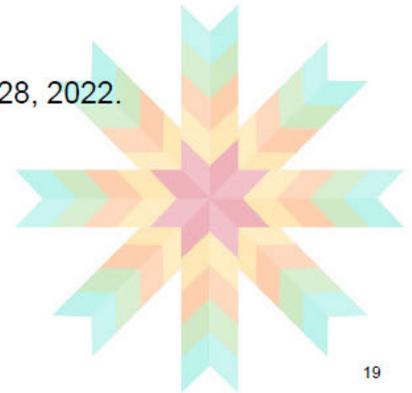
## Panhandle Regional Expansion Project



- Ontario Energy Board (OEB) approval of the project is required prior to beginning construction.
- OEB application to be filed Q2 of 2022.
- If approved by the OEB, construction would begin in early 2023 and be complete by the end of 2023.

### Current project status:

- In the consultation phase and seeking public feedback
- Virtual Open House #2 will occur between February 14 and February 28, 2022.



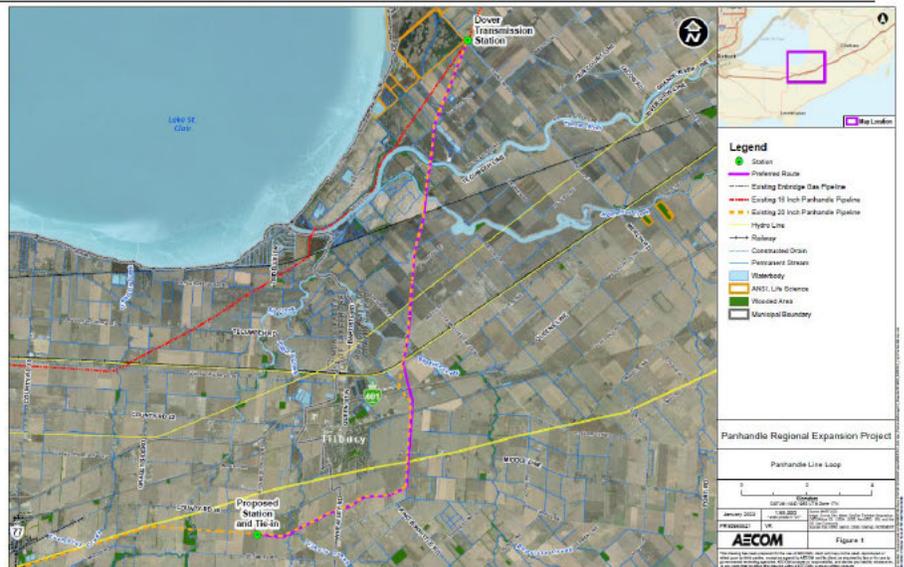
19

## Panhandle Regional Expansion Project



### Panhandle Reinforcement

- Construction of 19 km of new pipeline, looping the existing 20-inch Panhandle Pipeline.
- The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and the Dover Transmission Station, located at Balmoral Line and Town Line Road in the Municipality of Chatham-Kent.
- Preferred route



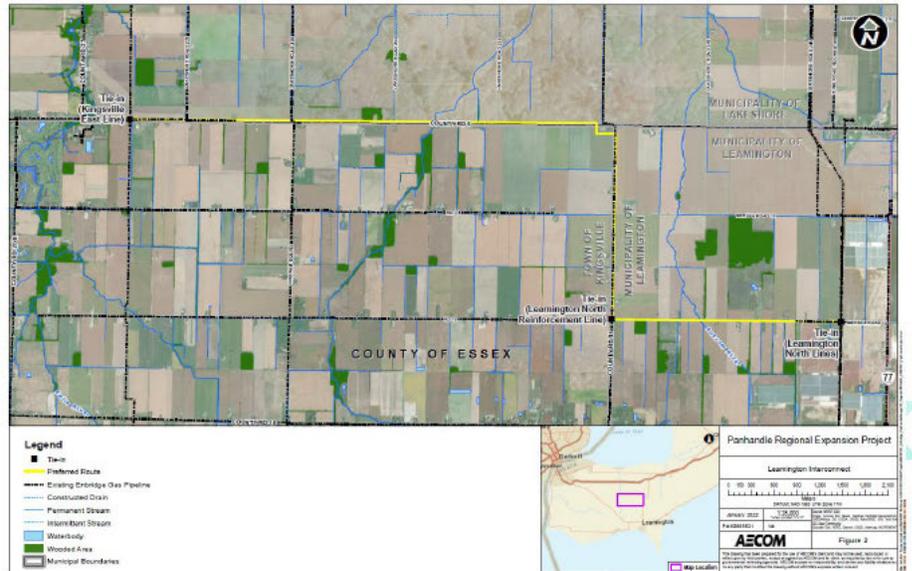
20

# Panhandle Regional Expansion Project



## Leamington Interconnect

- Construction of a new pipeline, 16 inches in diameter, adjacent to or within existing road rights-of-way, on public or private property.
- This will connect the existing Leamington North Line to both the existing Kingsville East Line and Leamington North Reinforcement Line and be approximately 12 km in length
- Preferred route

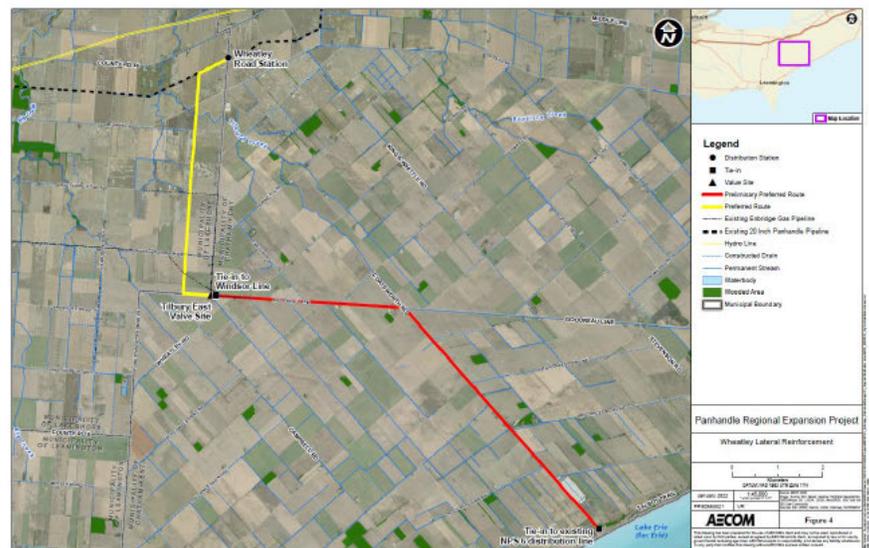


# Panhandle Regional Expansion Project



## Wheatley Lateral Reinforcement

- Construction of a new distribution line, up to 8 inches in diameter and 16.1km in length. The distribution line will start from Enbridge Gas' Wheatley Road station and travel to a new proposed station at the intersection of Wheatley Road and Goodreau Line. The distribution will then travel from the new station to Talbot Trail. All new pipelines on Goodreau Line and Coatsworth Road would either travel adjacent to or within existing road allowances.
- Preferred route (yellow) was presented during the first Virtual Information Session as a transmission line (Wheatley Interconnect) and now is distribution. Preliminary preferred route (red).

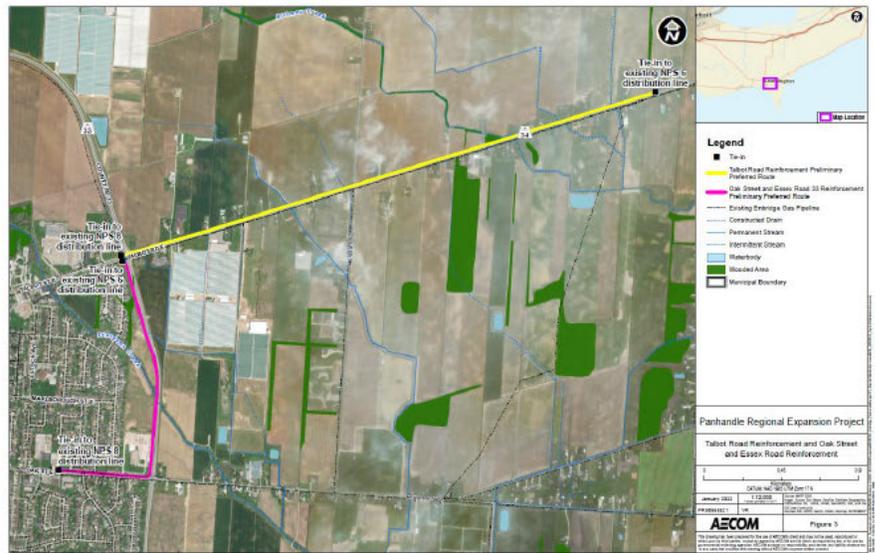


# Panhandle Regional Expansion Project



## Talbot Road Reinforcement and Oak Street and Essex Road 33 Reinforcement

- Distribution pipelines that will connect new large volume customers to the Panhandle Transmission System.
- Talbot Road Reinforcement: new distribution pipeline up to 8 inches in diameter travelling adjacent to or within road allowance along Talbot Road in Municipality of Leamington.
- Oak Street and Essex Road 33 Reinforcement: new distribution pipeline up to 6 inches in diameter traveling adjacent to or within road allowance along Oak Street and Essex Road 33 in Leamington.
- Preliminary preferred routes



**From:** [Lauren Whitwham](#)  
**To:** [Don Richardson](#); [Philip Lee](#)  
**Cc:** [Claire.Sault@kettlepoint.org](mailto:Claire.Sault@kettlepoint.org); [Waverley Birch](#); [Samantha Shrubsole](#); [Emily Ferguson](#)  
**Subject:** VOH#2 Slides - Enbridge Gas Panhandle Regional Expansion Project  
**Date:** Wednesday, February 16, 2022 8:51:01 AM  
**Attachments:** [2022-02-09-FINAL Panhandle Virtual Open House Full Slides-Enbridge Edits.pptx](#)

---

Good morning,

Please find the slides for the VOH #2 for the Panhandle Regional Expansion Project.

The Virtual Open House #2 will be available from 5 p.m. on February 14, 2022 until February 28, 2022 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle) .

If you have comments on the slides, please feel free to send them my way.

Thanks so much,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Don Richardson](#); [Philip Lee](#)  
**Cc:** [Claire.Sault@kettlepoint.org](mailto:Claire.Sault@kettlepoint.org); [Richard Brant](#); [Rob Marson](#); [Samantha Shrubsole](#); [Emily Ferguson](#); [Ryan Park](#)  
**Subject:** Follow up items from Enbridge meeting on February 11  
**Date:** Thursday, February 17, 2022 11:44:02 AM

---

Good afternoon all,

Thank you for the productive meeting on Friday. It was nice to meet you all. I look forward to future meetings to start and continue on our discussions.

I wanted to capture the follow ups/topics from the meeting as I heard them. Please feel free to update or clarify if I have not captured things properly.

1. A schedule for projects to include RFP timelines
2. Specs and information on Mat required for Dawn Corunna and Panhandle Projects to provide clarity
3. Information on the First Nations Investment Group
4. Information on any Enbridge interests in carbon sequestration, hydrogen and various renewable energy initiatives

Additionally, I have spoken with CKSPFN in the past about capacity funding for project engagement. If you are interested and would benefit from capacity funding to engage in the Project review process, could you please provide a proposal.

Again, thanks for the meeting.

Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Philip Lee](#)  
**Cc:** [sam@ibabraising.com](#); [emily@ibabraising.com](#); [Claire Sault](#); [wbirch@ibabraising.com](#); [Don Richardson](#)  
**Subject:** RE: Stage 1 and 2 Archaeological Assessment: Coveny and Kimball-Colinville Well Drilling  
**Date:** Thursday, March 10, 2022 10:25:05 AM  
**Attachments:** [Follow up items Feb 11 Enbridge CKSPFN.pdf](#)  
[Monitor Capacity Funding CKSPFN Mar 10.pdf](#)

---

Hi Philip,

Thanks for your email.

The regulatory process has been very busy this past month and I apologize on the delay in providing updates to our Feb. 11 meeting.

I've attached the responses to the CKSPFN minutes to this email. I'd be happy to have further discussions on these items once you have had the opportunity to review them.

I've also attached a capacity funding letter agreement for monitor training. In conversations with Valerie George and Claire Sault in the past, we discussed Enbridge Gas providing capacity funding to help train monitors to attend Enbridge Gas's environment and archaeological field studies. This letter agreement is to cover the cost of the training program. When monitors are invited to attend and participate in field studies, a separate agreement will be provided to the Nation to outline the hourly rate, reimbursement for travel costs and a per diem.

We recognize the Nation has identified other interests during our engagement and we would like to set up a meeting to learn more about them and how we can work together to ensure that you have the capacity funding required to engage with Enbridge Gas regarding our projects and operations. We would also like to discuss how we can address a plan to determine the cumulative impacts of Enbridge Gas's ongoing development and operations to the CKSPFN's Aboriginal or treaty rights.

We would be happy to come to CKSPFN in April to meet or if preferred, we can set up a virtual call. If you could provide some dates that work best with your group, that would be most helpful.

Looking forward to furthering our discussions.

Thanks,  
Lauren

**3. Projects west of London, Schedule and Budget**

These are the current proposed projects west of London. Enbridge Gas has filed our Asset Management plan with the OEB on our regulated projects and it can be found on the OEB website (EB-2021-0148 B-2-3 page 771). This plan will provide a forward look to Enbridge’s future projects.

We’d like to set up a meeting to discuss how we can work together to determine the cumulative impacts of Enbridge Gas’s ongoing development and operations to CKSPFN’s Aboriginal or treaty rights. In addition, we can discuss the funding request for a cumulative impacts study.

1

Project	Budget for Project	Proposed Timeline
2022 Storage Enhancement Project	Unregulated project; therefore, budget information not publicly available.	<ul style="list-style-type: none"> <li>• Due to the very specific nature of these projects, the companies being used for well servicing have existing contracts with Enbridge Gas. No RFP for prime contractors were used on this project.</li> <li>• Construction start potentially in April 2022</li> <li>• Construction completed in fall 2022</li> </ul>
Coveny and Kimball Colinville Well Drill Project	Estimated at approximately \$5 million as set out in the application for the project.	
Dawn Corunna Project	approx. \$200 million *unclassified	<ul style="list-style-type: none"> <li>• RFP for prime contractor to be issued early July 2022 with award December 2022</li> <li>• Tree clearing January through March of 2023</li> <li>• Construction start potentially May 2023</li> </ul>
Panhandle Regional Expansion Project	approx. \$200 million *unclassified	<ul style="list-style-type: none"> <li>• RFP for prime contractor to be issued early July 2022 with award December 2022</li> <li>• Tree clearing January through March of 2023</li> <li>• Construction start potentially May 2023</li> </ul>
Ridge Landfill Pipeline Project	Not available at this time but can provide an update once available	<ul style="list-style-type: none"> <li>• Project kick off in March 2022</li> </ul>

We have looked into mat specifications internally with our engineering group, however, we have not been able to find any information. For the Dawn Corunna and Panhandle Projects, access mats and swamp mats will be used as required. The expected expenditure on mats is roughly \$2 million, however, we cannot provide any insight on volume at this time.

[Northern Mat & Bridge - Safe Access Across Difficult Terrain](#) is a company that Enbridge Gas has used in the past.

Strad Oilfield Services is a significant supplier of matting from western Canada seeking to work with Indigenous communities in Ontario

**From:** [Lauren Whitwham](#)  
**To:** [Don Richardson](#); [Philip Lee](#); [Claire Sault](#)  
**Cc:** [KettleAndStonyConsultation](#)  
**Subject:** Scope change: Panhandle Regional Expansion Project  
**Date:** Monday, April 11, 2022 11:40:17 AM  
**Attachments:** [MAP\\_60665521\\_Fig2-Leamington.pdf](#)  
[MAP\\_60665521\\_Fig1-PanhandleLoop.pdf](#)  
[CKSPFN Panhandle Scope Change.pdf](#)

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Good morning,

Hope this finds you well.

I wanted to provide some information on the scope change for our Panhandle Regional Expansion Project. Please find attached a letter explaining it along with two maps to provide further details.

The environmental report will be ready, hopefully, by months end. I'd like to find a time to discuss the ER as well as the final scope for this project with the CKSPFN.

Is there some time available in mid-May that I can present on this project and provide an update on others?

As stated previously, Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents, participation in field work associated with proposed projects, and to engage in meaningful consultation. As is our approach on all projects, we are prepared to provide capacity funding to support your team's work. If you could provide me with a proposal, that would be great.

Thanks so much,  
Lauren



Enbridge Gas Inc.  
109 Commissioners Road W.  
London, ON N6A4P1

April 8, 2022

Claire Sault  
Band Manager  
Chippewas of Kettle and Stony Point First  
Nation 6247 Indian Lane  
Lambton Shores, ON N0N 1J1

Dear Claire Sault:

**Regarding: Project Update for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

The preferred routes are found in **Figures 1 and 2** attached to this letter.

The purpose of this letter is to provide an update on the latest developments of the project.

Earlier in the project planning stages, the original scope of the project also included the Wheatley Lateral Reinforcement (formerly the Wheatley Interconnect). After the three pipeline segments were presented in the first virtual information session from November 17 – December 3, 2021, the Panhandle Loop and Leamington Interconnect were selected to continue in the planning process, while the Wheatley Lateral Reinforcement was downsized and aggregated with several additional customer-driven distribution pipelines proposed at the second virtual information session.

The Panhandle Loop, Leamington Interconnect, and the distribution lines (including the Wheatley Lateral Reinforcement, the Talbot Road Reinforcement, and the Oak Street and Essex Road 33 Reinforcement) were presented to the public and interested stakeholders in a second virtual information session from February 14 – 28, 2022. The following distribution lines presented at the second virtual information session will no longer be considered as part of Enbridge Gas' Panhandle Regional Expansion Project:

- Wheatley Lateral Reinforcement: After reassessment, the scope and timing of the proposed facility will be revisited at a later date.
- Talbot Road Reinforcement: After reassessment, the required timing for this distribution facility has changed and therefore it will not be included within the Panhandle Regional Expansion Project.
- Oak Street and Essex Road 33 Reinforcement: After reassessment, the required timing for this distribution facility has changed and therefore it will not be included within the Panhandle Regional Expansion Project.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)* and will:

- Outline the environmental planning process and regulatory framework;
- Develop a consultation program to receive input from interested and potentially affected parties;
- Identify and evaluate potential alternatives from undertaking the project;
- Select preferred routes that minimize potential environmental effects;
- Complete a detailed review of environmental features along the preferred routes and assess the potential environmental effects of the project on these features;
- Establish mitigation measures that may be used to minimize or eliminate potential environmental effects of the project; and
- Identify any necessary supplemental studies, monitoring, and contingency plans.

The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022. OEB review and approval is required before this project can proceed.

A key part of the planning process involved consultation with Indigenous communities, local landowners, government agencies and other interested parties that could be impacted by the project. Input received has helped confirm the selection of the preferred routes and to develop site-specific environmental protection and mitigation measures, which will be outlined in the ER.

Proposed construction for the Panhandle Loop is in 2023. The proposed timing of construction for the Leamington Interconnect presented at the first and second virtual information sessions has been tentatively changed to 2024.

If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

Sincerely,

A handwritten signature in black ink, appearing to read "Lauren Whitwham". The signature is fluid and cursive.

Lauren Whitwham  
Sr. Advisor, Community & Indigenous  
Engagement Enbridge Gas Inc.  
Lauren.Whitwham@enbridge.co  
m Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.  
Mark Van der Woerd - AECOM  
Kristan Washburn - AECOM



**From:** [Lauren Whitwham](#)  
**To:** [Consultation](#)  
**Cc:** [Don Richardson](#); [Philip Lee](#); [Claire Sault](#)  
**Subject:** Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, April 29, 2022 10:14:37 AM

---

Good morning,

Hope this finds you well. The Environmental Report for the proposed Panhandle Regional Expansion Project is now available for review and comments.

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing the Panhandle Regional Expansion Project (the project) to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

If approved by the Ontario Energy Board (OEB), proposed construction for the Panhandle Loop is targeted for 2023 while the Leamington Interconnect is targeted for 2024.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER has been prepared in accordance with the Ontario Energy Board's (OEB) Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016).

**Due to its size, I'm unable to attach the ER to this email. The Environmental Report, along with Appendices E and F (linked separately) can be viewed and downloaded via the Regulatory information tab on the Panhandle Regional Expansion Project webpage, at <https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion>.**

We are interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights. We would appreciate your review of the ER and the provision of any comments by Friday, June 10, 2022. Enbridge acknowledges that capacity support may be required

to enable you to engage in timely technical reviews of documents and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the project.

I would appreciate the opportunity to meet with you to discuss the ER and review the potential environmental and socio-economic effects that may result from the project. If you could provide some dates that fit within your schedule, that would be most helpful. We would also review the other Projects that Enbridge currently has proposed.

Thanks so much and feel free to reach out to me with any questions or concerns,  
Lauren

**Lauren Whitwham**

Senior Advisor, Community & Indigenous Engagement, Eastern Region

**Public Affairs, Communications & Sustainability**

—

ENBRIDGE INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)

109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect. Inclusion.

From: Lauren Whitburn  
 To: Consultation  
 Cc: Don Richardson; Rhilo Lee; Cluis Sault  
 Subject: May 2022 Updates: Enbridge Gas Projects  
 Date: Friday, May 6, 2022 11:23:37 AM

Good morning,

Recognizing that there are many projects on the go from various different proponents, I wanted to put together a monthly email that provides the proposed Enbridge Gas "Leave to Construct" (LTC) projects along with some high level details of the status and important dates.

I am very open to changes that I can make to this chart that would better suit your needs. Please let me know and I'd be happy to adjust. Additionally, if there is other information that you would like on a monthly basis, please let me know.

Enbridge Gas Proposed Project	Project Initiation	Project Status as of May 3, 2022	Outstanding Engagement Requests	Projected Ontario Energy Board (OEB) Filing date	Proposed Project Construction Timeline
Dawn Corunna Pipeline Project	April 13, 2021	Ongoing consultation Currently in the OEB regulatory process (EB-2022-0086) Stantec, on behalf of Enbridge Gas, is conducting field surveys	Seeking opportunities to review project submission	March 21, 2022 (submitted)	Spring 2023
Panhandle Regional Expansion Project	August 11, 2021	Ongoing consultation Environmental report released and seeking comments by Friday, June 10, 2022: <a href="https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion">https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion</a>	Seeking review and comment on the Environmental Report. Looking for opportunities to set up a meeting to review the potential environmental and socio-economic effects that may result from the project. Interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights	June 2022 (upcoming)	Spring 2023
Ridge Landfill Pipeline Project	March 1, 2022	Ongoing consultation Virtual Open House running from April 25 to May 8, 2022: <a href="http://www.RidgeRNG.ca">www.RidgeRNG.ca</a>	Seeking comments on the project, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights.	July 2022 (upcoming)	Spring 2023
<p>Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the project.</p>					

**From:** [Philip Lee](#)  
**To:** [Lauren Whitwham](#)  
**Subject:** [External] RE: May 2022 Update: Enbridge Gas Projects  
**Date:** Friday, May 6, 2022 6:28:51 PM

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Thanks for this Lauren, this is very helpful.

Phil

**From:** [Lauren Whitwham](#)  
**To:** [Consultation](#)  
**Cc:** [Don Richardson](#); [Philip Lee](#); [Claire Sault](#)  
**Subject:** RE: Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, May 27, 2022 12:19:06 PM

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Good afternoon,

Just wanted to send a friendly reminder that the environmental report for the Panhandle Regional Expansion Project is now available for review and comments. The link to the report is below.

We would appreciate any comments by [Friday, June 10, 2022](#) however, we are happy to accept them at any point in the process. Additionally, if you require capacity funding to have this report reviewed, please let me know.

Have a nice weekend.

Lauren

**From:** [Kevin Berube](#)  
**To:** [Fallon Burch](#)  
**Subject:** FW: Proposed Panhandle Regional Expansion Project  
**Date:** Friday, October 15, 2021 12:18:56 PM  
**Attachments:** [Notice of Commencement Panhandle COTTFN.pdf](#)  
[Proposed Panhandle Regional Expansion Project COTTFN.pdf](#)  
[Panhandle Regional Expansion Project Maps.pdf](#)

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Hi Fallon,

I hope you are doing well.

I'm reaching out to notify COTTFN of an upcoming project: Panhandle Regional Expansion Project. Attached is the Notification Letter, Notice of Commencement and Maps of the proposed area of work.

If you have any questions please do not hesitate to contact me. I remember you telling me that you and Rochelle were off this week. I hope you had a restful week.

Meegwetch,  
Kevin



Enbridge Inc  
500 Consumers Rd  
North York, ON  
M2J 1P8

Chippewas of the Thames First Nation  
320 Chippewa Road  
Muncey, ON  
N0L 1Y0

October 15, 2021

Dear Fallon,

**Re: Notice of the Proposed Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The Panhandle Regional Expansion Project (the Project) includes the construction of the following:

- Approximately 23 kilometres (km) of new pipeline looping the existing 20-inch Panhandle Pipeline. The new pipeline will be up to 42 inches in diameter and located adjacent to an existing pipeline corridor between Comber and Dover Transmission Stations.
- Construction of a new 16-inch pipeline adjacent to or within existing road rights-of-way on public or private property to connect the Leamington North Line to both the Kingsville East Line and Leamington North Reinforcement Line. The pipeline is approximately 12 km in length.
- Construction of a new 16-inch pipeline to connect the Tilbury East Valve Site to the Wheatley Road Station. The pipeline is approximately 6 km and will be located adjacent to or within existing road rights-of-way on public or private property.

Where possible, the Project will be located within existing road allowances, utility corridors and rights-of-way. While a preliminary preferred Project route has not yet been determined Enbridge Gas anticipates that permanent easement and temporary working space and laydown areas may be required. Enbridge Gas will work with regulators and landowners to identify and secure appropriate working space and easements as required.

As part of the planning process for the Project, Enbridge Gas has and will retain an external consulting firm to undertake an Environmental Study of the construction and operation of the Project. The Environmental Study as required by the Ontario Energy Board's (OEB)



Enbridge Inc  
500 Consumers Rd  
North York, ON  
M2J 1P8

*"Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".*

Enbridge Gas' preliminary work on the Project has identified the following potential authorizations:

Provincial:

- Ontario Energy Board;
- Infrastructure Ontario;
- Ministry of Transportation;
- Ministry of Heritage, Sports, Tourism and Culture Industries ("MHSTCI");
- Ministry of Environment, Conservation and Parks;
- Ministry of Energy; and
- Hydro One.

Municipal:

- The Municipality of Chatham-Kent;
- The County of Essex;
- The Town of Kingsville;
- The Municipality of Leamington;
- The Town of Tecumseh;
- The Municipality of Lakeshore; and
- The City of Windsor.

Other:

- Indigenous engagement;
- Landowner agreements;
- Lower Thames Valley Conservation Authority;
- Essex Region Conservation Authority; and
- Utility circulation.

We would like to consult with your community on the proposed Project. We are interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts the Project may have on your Aboriginal or treaty rights.

Enbridge Gas acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents, participation in field work associated with the Project, and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the Project.



Enbridge Inc  
500 Consumers Rd  
North York, ON  
M2J 1P8

Enbridge Gas has been delegated the procedural aspects for consultation by the Ministry of Energy on behalf of Ontario. Ministry officials are also available should you wish to contact them directly with any questions or concerns. Please contact:

Gillian Brown  
Senior Advisor, Indigenous Energy Policy  
gillian.brown2@Ontario.ca

We would like to set up a meeting to discuss the Project with you to provide you with an opportunity to express any questions or concerns you have. Please feel free to contact me at [kevin.berube@enbridge.com](mailto:kevin.berube@enbridge.com) or 416-666-6759 so we can set up a time to meet. You may also provide me with any feedback you may have regarding the Project in writing by November 19, 2021, if possible.

Many thanks,

A handwritten signature in blue ink that reads 'Kevin Berube'.

Kevin Berube  
Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Enbridge Inc.  
416-666-6759  
Kevin.berube@enbridge.com



Enbridge Gas Inc.  
500 Consumers Road  
North York, ON M2J 1P8  
Canada

October 15, 2021

Fallon Burch  
Consultation Coordinator  
Chippewas of the Thames First Nation  
320 Chippewa Road  
Muncey, ON N0L 1Y0

Dear Fallon Burch:

**Regarding: Project Commencement and Virtual Information Session for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The Panhandle Regional Expansion Project includes the construction of the following:

- Approximately 23 kilometres (km) of new pipeline looping the existing 20-inch Panhandle Pipeline. The new pipeline will be up to 42 inches in diameter and located adjacent to an existing pipeline corridor between Enbridge Gas' Comber Transmission Station, located in the Municipality of Lakeshore, and its Dover Transmission Station, located in the Municipality of Chatham-Kent.
- Construction of a new pipeline up to 16 inches in diameter adjacent to or within existing road rights-of-way on public or private property to connect the Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line. The pipeline is approximately 12 km in length and would be located in both the Town of Kingsville and the Municipality of Leamington.
- Construction of a new pipeline up to 16 inches in diameter to connect the Tilbury East Valve Site to the Wheatley Road Station. The pipeline is approximately 6 km and will be located adjacent to or within existing road rights-of-way on public or private property either within the Municipality of Chatham-Kent or the Municipality of Lakeshore.

The location of the project and preliminary preferred routes for each segment are shown on the attached figures.

AECOM has been retained by Enbridge to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The report will outline potential pipeline route evaluations and plans for avoiding and/or mitigating any effects, where possible. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*. The ER will accompany a Leave-to-Construct application that will

be submitted to the OEB in the spring of 2022. OEB review and approval is required before this project can proceed. Construction of the project is planned to begin as early as spring of 2023.

A key part of the planning process involves consultation with Indigenous Communities, local landowners, government agencies and other interested parties that could be impacted by the project. A virtual information session is planned to provide interested parties an opportunity to learn and comment on the proposed routes. It will also provide an overview of the planning process and studies completed.

The purpose of this letter is to invite you to attend the virtual information session and provide feedback in a format that is convenient for you:

Virtual Information Session	
Date:	Materials will be available at 5 p.m. on November 17, and available until December 3.
Website:	<a href="http://www.virtualengagement.ca/panhandle">www.virtualengagement.ca/panhandle</a>

If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

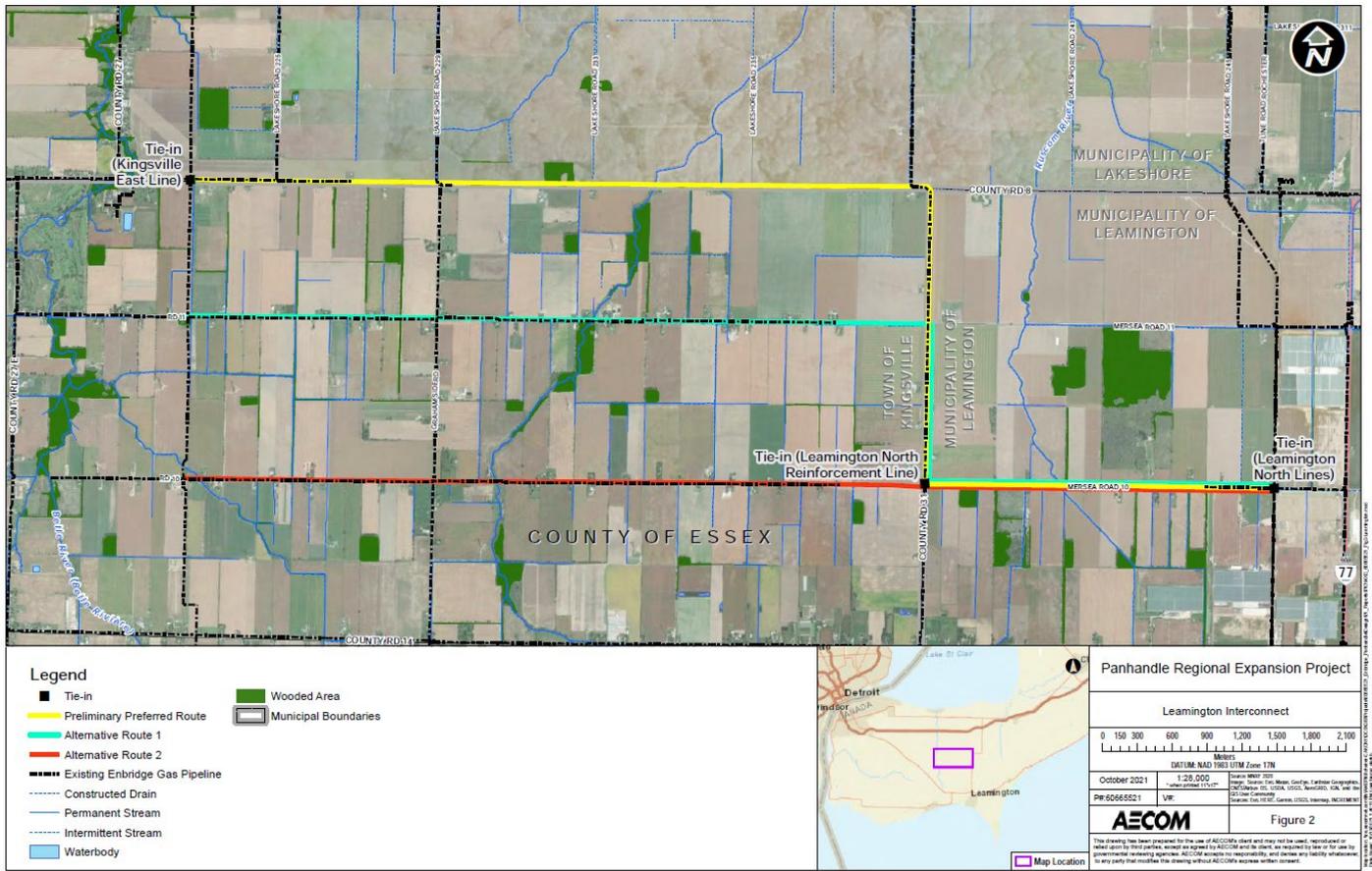
Sincerely,

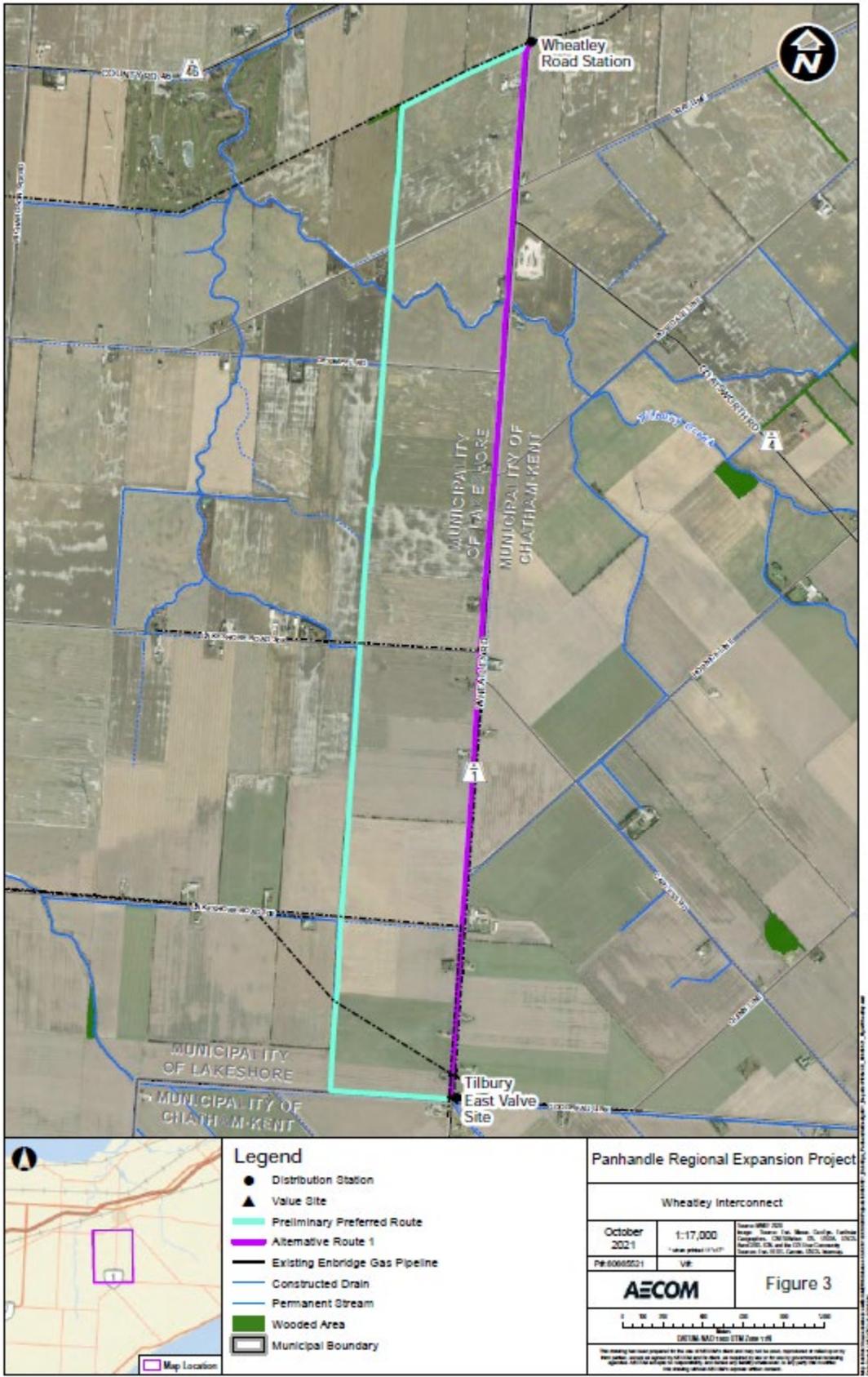


Kevin Berube  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Kevin.Berube@enbridge.com  
Phone: (416) 666-6759

CC: Evan Tomek - Enbridge Inc.  
Mark Van der Woerd - AECOM  
Kristan Washburn - AECOM  
Consultation General Inbox ([consultation@cottfn.ca](mailto:consultation@cottfn.ca)) - Chippewas of the Thames First Nation







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**From:** Kevin Berube <kevin.berube@enbridge.com>

**Sent:** Wednesday, November 17, 2021 1:01 PM

**To:** Fallon Burch <fburch@cottfn.com>; Rochelle Smith <rsmith@cottfn.com>; Jennifer Mills <jmills@cottfn.com>

**Subject:** VOH Slides for Panhandle Project

Good afternoon,

The Virtual Open House for the Panhandle Project will go live this evening at 5pm and will be open for the next two weeks. I've attached the VOH slide deck for you and included the link for the open house here: <https://www.virtualengagement.ca/panhandle>

Questions and comments can be submitted on the VOH website.

Anything else you need at this time for the Panhandle Project let me know.

Meegwetch,

Kevin

---

**From:** Jennifer Mills <[jmills@cottfn.com](mailto:jmills@cottfn.com)>  
**Sent:** Monday, December 13, 2021 4:36 PM  
**To:** Kevin Berube <[kevin.berube@enbridge.com](mailto:kevin.berube@enbridge.com)>  
**Cc:** Fallon Burch <[fburch@cottfn.com](mailto:fburch@cottfn.com)>; Rochelle Smith <[rsmith@cottfn.com](mailto:rsmith@cottfn.com)>  
**Subject:** [External] Council presentation

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Good afternoon Kevin,

Hope you're doing well. As a next step with the current Enbridge projects, we'd like to schedule a time for you to present to Chief and Council and be available to answer any questions. Due to limited time availability, we have set aside a full day for various consultation matters. We are hoping to schedule Enbridge in the afternoon.

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We can discuss more later, but we're looking for an overview of the projects currently in the application or hearing stage, with most focus on the Panhandle Expansion. You're welcome to invite other colleagues at Enbridge.

At this time, Chippewas of the Thames First Nation is currently under a work from home order until further notice due to a rise in COVID cases in the community. We are planning for this to be a virtual meeting due to the current situation. However, we will notify you if this changes prior to the meeting.

The dates that have been proposed are

1. January 19<sup>th</sup>
2. January 20<sup>th</sup>
3. January 24<sup>th</sup>

Please let me know if any of these dates work for you, and we can confirm the time.

Miigwech,

Jen

---

**From:** Kevin Berube  
**Sent:** Tuesday, December 14, 2021 9:01 AM  
**To:** 'Jennifer Mills' <jmills@cottfn.com>  
**Cc:** Fallon Burch <fburch@cottfn.com>; Rochelle Smith <rsmith@cottfn.com>  
**Subject:** RE: Council presentation

Boozhoo Jennifer,

Hope things are well with you.

We would be happy to present to the Chief and Council on our projects. I have reached out to the Project Manager for the Panhandle Project to see what date would work best as our project team is far more equipped to answer project questions than I am. Once I hear back I will contact you and we can firm up the date.

Hope you have a safe and enjoyable holiday season.

Meegwetch,  
Kevin

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**From:** Kevin Berube  
**Sent:** Wednesday, December 15, 2021 12:56 PM  
**To:** Jennifer Mills <jmills@cottfn.com>  
**Cc:** Fallon Burch <fburch@cottfn.com>; Rochelle Smith <rsmith@cottfn.com>  
**Subject:** RE: Council presentation

Boozhoo Jennifer,

I met with the Panhandle project team and have a commitment from representatives from our Construction, Environment and Supply Chain Management teams to participate in a presentation to your Chief and Council on the Panhandle Expansion project. Jan. 24 in the afternoon works perfectly.

In the meantime, I've attached the PP slide deck from our Virtual Open House for review prior to the meeting.

I'm going to be taking my holiday break from this Friday, Dec. 17 returning Jan. 3.

If you need anything please do not hesitate to reach out.

Meegwetch,  
Kevin

---

**From:** Jennifer Mills <[jmills@cottfn.com](mailto:jmills@cottfn.com)>  
**Sent:** Monday, January 17, 2022 9:26 AM  
**To:** Kevin Berube <[kevin.berube@enbridge.com](mailto:kevin.berube@enbridge.com)>  
**Cc:** Fallon Burch <[fburch@cottfn.com](mailto:fburch@cottfn.com)>; Rochelle Smith <[rsmith@cottfn.com](mailto:rsmith@cottfn.com)>  
**Subject:** [External] RE: Council presentation Jan 24

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Mino giizheb

Hope you can stay out the snow today! I wanted to check in about the meeting with COTTFN Council on Jan. 24<sup>th</sup>. We have Enbridge scheduled for 90 min at **1:30pm**. The meeting may be running late at that point but you can definitely start by 2pm and we can extend the meeting if needed.

Thanks for sending the VOH slides. We will put those in the Council package. If you want anything

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else included in the Council package, I will need it by **Wed. Jan. 19<sup>th</sup>**. I will send the zoom link later this week.

In addition to Panhandle, I think it would also be helpful during the meeting to have a map with the current projects under review in the region.

If you have any questions or concerns, feel free to let me know.

Jen

**From:** Kevin Berube

**Sent:** Monday, January 17, 2022 11:47 AM

**To:** Jennifer Mills <jmills@cottfn.com>

**Cc:** Fallon Burch <fburch@cottfn.com>; Rochelle Smith <rsmith@cottfn.com>

**Subject:** RE: Council presentation Jan 24

Boozhoo Jennifer,

Holy! I've been trying to dig out all morning. Just get close to done and the plow truck comes by. I will connect with Jesse Ho, our project manager to forward the slide deck we will be using before end of day Wednesday. Attending from our end will be myself, Jesse, Evan Tomek from Environment, Tammy Mungan from Construction, Matt Thomas from Business Dev't and Richard Brant from Indigenous Supply Chain Management.

I'll also include a slide showing a map of the other projects that I presented to your team late last year.

Meegwetch,

Kevin

**From:** Kevin Berube  
**Sent:** Wednesday, January 19, 2022 8:22 AM  
**To:** Jennifer Mills <jmills@cottfn.com>  
**Subject:** Slide Decks for Presentation

Boozhoo Jennifer:

Attached are the slide decks for the presentation on Monday.

I'll begin with a brief overview and maps of the Dawn Corunna and Storage Enhancement Projects. We had reviewed these projects late last year; this will be the first slide deck we present. We can then go into the Panhandle presentation, this one is more comprehensive and I'll have our project team talk through these slides. After the presentations we can have the Q and A with the leadership.

If you can send the Zoom invite to the following that would be great:

Kevin Berube: [kevin.berube@enbridge.com](mailto:kevin.berube@enbridge.com)  
Jesse Ho: [jesse.ho@enbridge.com](mailto:jesse.ho@enbridge.com)  
Evan Tomek: [evan.tomek@enbridge.com](mailto:evan.tomek@enbridge.com)  
Tammy Mungan: [tammy.mungan@enbridge.com](mailto:tammy.mungan@enbridge.com)  
Matt Thomas: [matt.thomas@enbridge.com](mailto:matt.thomas@enbridge.com)  
Richard Brant: [richard.brant@enbridge.com](mailto:richard.brant@enbridge.com)

If you need anything else please do not hesitate to contact me.

Meegwetch Jennifer.

Kevin

---

**From:** Kevin Berube  
**Sent:** Friday, January 21, 2022 11:47 AM  
**To:** Jennifer Mills <jmills@cottfn.com>  
**Subject:** Updated slides for presentation

Hi Jennifer,

Attached are updated slides for the presentation on Monday. Updated mapping and narrative.

Have a great weekend!

Meegwetch,  
Kevin

## 2023 Panhandle Regional Expansion Project



### Purpose

- To serve an increased demand for energy in the region, Enbridge Gas is proposing to increase the capacity of our Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Lakeshore, Chatham-Kent, Windsor and all of Essex County.
- Current project status: In the consultation phase and seeking public feedback.
- Due to the scope of the project, the Ontario Energy Board (OEB) approval of the project is required prior to beginning construction.
- OEB application to be filed Q2 of 2022.
- If approved by the OEB, construction would begin in early 2023 and be complete by the end of 2023.
- Estimated project cost at this time is approx. \$200M.
  - Creating hundreds of temporary local construction jobs over the next two years.

## 2023 Panhandle Regional Expansion Project



### Project details

- **The project includes two transmission pipelines and three distribution pipelines:**
  1. **Panhandle Reinforcement:** Construction of a new natural gas transmission pipeline, 36 inches in diameter, 19 km in length. The new pipeline will be located adjacent to an existing corridor between Richardson Side Road in the Municipality of Lakeshore and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent. This project traverses the Thames River.
  2. **Leamington Interconnect:** Construction of a new natural gas transmission pipeline, 16 inches in diameter and 12 km in length. The pipeline will be installed adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North lines to both the Kingsville East line and Leamington North Reinforcement line.
  3. **Wheatley Lateral Reinforcement:** Construction of a new natural gas distribution pipeline, up to 8 inches in diameter and 16.1 km in length. The distribution line will start from Enbridge Gas' Wheatley Road station then travel west then south in an easement on private property to Goodreau line. The pipeline will then travel east to a new proposed station at the intersection of Wheatley Road and Goodreau Line before turning southeast on Coatsworth Road to Talbot Trail, within existing road allowance.

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## 2023 Panhandle Regional Expansion Project



### Project details

- **The project includes two transmission pipelines and three distribution pipelines:**
  4. **Talbot Road Reinforcement:** Construction of a new distribution pipeline up to 8 inches in diameter travelling adjacent to or within an existing road allowance on public or private property along Talbot Road East in the Municipality of Leamington. The pipeline will be approximately 3.2 km in length.
  5. **Oak Street and Essex Road 33 Reinforcement:** Construction of a new distribution pipeline up to 6 inches in diameter travelling adjacent to or within existing road allowances on public or private property along Oak Street East and County Road 33 in the Municipality of Leamington. The pipeline will be approximately 1.9 km in length.

5

## 2023 Panhandle Regional Expansion Project Panhandle Reinforcement



- Construction of 19 km of new pipeline, looping the existing 20-inch Panhandle Pipeline.
- The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and the Dover Transmission Station, located at Balmoral Line and Town Line Road in the Municipality of Chatham-Kent.
- Preferred route.



6

## 2023 Panhandle Regional Expansion Project Leamington Interconnect



- Construction of a new pipeline, 16 inches in diameter, adjacent to or within existing road rights-of way, on public or private property.
- This will connect the existing Leamington North Line to both the existing Kingsville East Line and Leamington North Reinforcement Line and be approximately 12 km in length
- Preferred route.



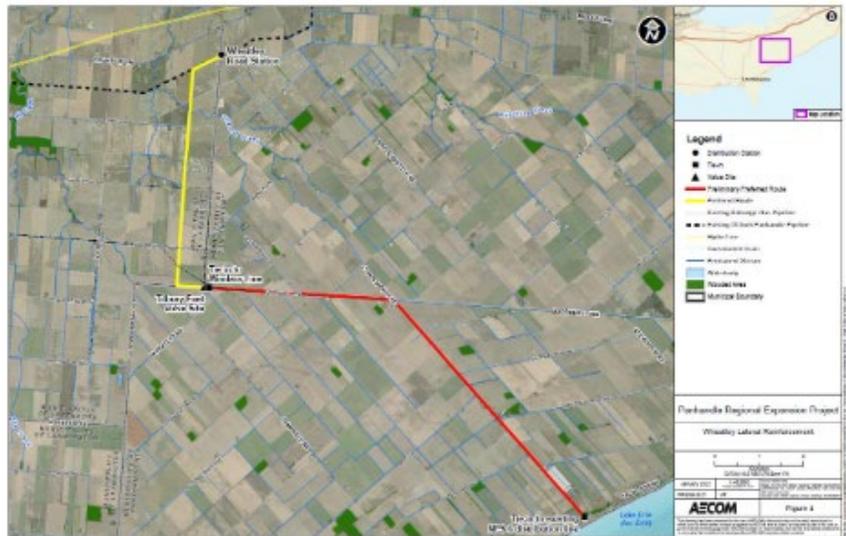
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# 2023 Panhandle Regional Expansion Project

## Wheatley Lateral Reinforcement



- Construction of a new distribution line, up to 8 inches in diameter and 16.1 km in length. The distribution line will start from Enbridge Gas' Wheatley Road station and travel to a new proposed station at the intersection of Wheatley Road and Goodreau Line. The distribution will then travel from the new station to Talbot Trail. All new pipelines on Goodreau Line and Coatsworth Road would either travel adjacent to or within existing road allowances.
- Preferred route (yellow) was presented during the first Virtual Information Session as a transmission line (Wheatley Interconnect) and now is distribution. Preliminary preferred route (red).



# 2023 Panhandle Regional Expansion Project

## Talbot Road Reinforcement and Oak Street and Essex Road 33 Reinforcement



- Distribution pipelines that will connect new large volume customers to the Panhandle Transmission System.
- Talbot Road Reinforcement: new distribution pipeline up to 8 inches in diameter travelling adjacent to or within road allowance along Talbot Road in Municipality of Leamington.
- Oak Street and Essex Road 33 Reinforcement: new distribution pipeline up to 6 inches in diameter traveling adjacent to or within road allowance along Oak Street and Essex Road 33 in Leamington.
- Preliminary preferred routes.



## 2023 Panhandle Regional Expansion Project



We want your feedback

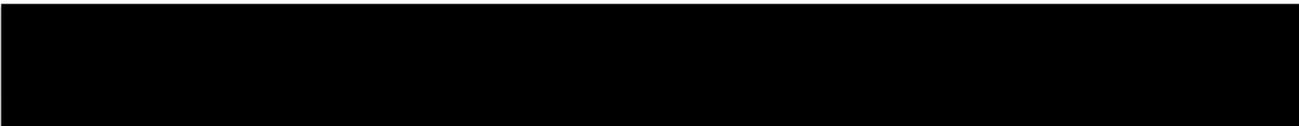
- **Enbridge Gas wants your feedback on the project. We value your questions, comments, and concerns – they are part of the planning process.**

**From:** Kevin Berube <kevin.berube@enbridge.com>  
**Sent:** Tuesday, January 25, 2022 8:21 AM  
**To:** Jennifer Mills  
**Subject:** Meeting yesterday

**CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Hi Jennifer,

Thank you so much for getting time for us to present on the Dawn Corunna, 2022 Storage Enhancement and Panhandle Regional Expansion Projects. We appreciated the questions from the COTTFN leadership on the projects.



Again, thank you for the opportunity to meet with your Chief and Council. We'll be sure to keep you updated on projects in your area and keep our lines of communication strong.

Meegwetch,  
Kevinn

---

**From:** Kevin Berube

**Sent:** Wednesday, January 26, 2022 5:18 PM

**To:** 'Jennifer Mills' <jmills@cottfn.com>; Kelly Riley <kriley@cottfn.com>; Fallon Burch <fburch@cottfn.com>

**Subject:** Panhandle second VOH

Boozhoo Fallon, Jennifer and Kelly,

I hope this finds you well.

I've attached the information for the second virtual open house for the Panhandle project.

If you have any questions please do not hesitate to contact me.

Meegwetch,

Kevin



Enbridge Gas Inc.  
500 Consumers Road  
North York, ON M2J 1P8  
Canada

January 26, 2022

Fallon Burch  
Consultation Coordinator  
Chippewas of the Thames First Nation  
320 Chippewa Road  
Muncey, ON N0L 1Y0

Dear Fallon Burch:

**Regarding: Notice of Second Virtual Information Session for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. As part of the proposed Panhandle Regional Expansion Project, Enbridge Gas has conducted a route analysis and selection process to determine the preferred routes, which include constructing the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville and the Municipality of Leamington.
- **Several distribution pipelines** varying in diameter and length to connect new large-volume customers to the Panhandle Transmission System. Please see below for further details on these pipelines.

A preliminary preferred route was presented for the Panhandle Loop and a preliminary preferred route and alternative routes were presented for the Leamington Interconnect during the first virtual information session, held between November 17 and December 3, 2021. Upon consideration of the feedback received during the session, the proposed routes were evaluated further, which has resulted in the selection of preferred routes found in **Figures 1 and 2** attached to this letter. In addition, since the first virtual information session, preliminary preferred routes for the proposed distribution pipelines have also been selected and will be presented in a second virtual information

session along with the preferred routes for the Panhandle Loop and Leamington Interconnect (see below for further details). The Wheatley Interconnect, which was previously presented during the first virtual information session, is now represented with the other distribution lines and this segment of pipeline has been selected as the preferred route. The distribution lines include:

- Talbot Road Reinforcement: Construction of a new distribution pipeline up to 8 inches in diameter travelling adjacent to or within an existing road allowance on public or private property along Talbot Road East in the Municipality of Leamington (Figure 3). The pipeline will be approximately 3.2 km in length.
- Oak Street and Essex Road 33 Reinforcement: Construction of a new distribution pipeline up to 6 inches in diameter travelling adjacent to or within existing road allowances on public or private property along Oak Street East and County Road 33 in the Municipality of Leamington (Figure 3). The pipeline will be approximately 1.9 km in length.
- Wheatley Lateral Reinforcement (formerly Wheatley Interconnect): Construction of a new distribution pipeline up to 8 inches in diameter starting from Enbridge Gas' Wheatley Road station and travelling west then south in an easement on private property to Goodreau Line. The pipeline will then travel east to a new proposed station at the intersection of Wheatley Road and Goodreau Line (preferred route). From this location, the new distribution line would travel east along Goodreau Line before turning southeast on Coatsworth Road to Talbot Trail (preliminary preferred route) (Figure 4). The pipeline will be approximately 16.1 km in length and all new pipelines on Goodreau Line and Coatsworth Road would either travel adjacent to or within existing road allowances on public or private property.

AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*. The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022 and will include both the transmission and distribution components of this project. OEB review and approval is required before this project can proceed. Construction is planned to begin as early as spring of 2023.

A key part of the planning process involves consultation with Indigenous and Métis Communities, local landowners, government agencies and other interested parties that could be impacted by the project. A second virtual information session is planned to provide interested parties with an update on the project, along with an opportunity to learn about and comment on the proposed preferred routes for the Panhandle Loop, Leamington Interconnect, Wheatley Lateral Reinforcement (former Wheatley Interconnect segment) and preliminary preferred routes for the distribution pipelines. It will also provide an overview of the planning process and studies completed. Input received will help to confirm the selection of the preferred routes and to develop site-specific environmental protection or mitigation measures.

The purpose of this letter is to provide an update on the latest developments of the project, as well as to invite you to attend the second virtual information session and provide feedback in a format that is convenient for you:

Virtual Information Session #2	
Date:	Materials will be available from 5 p.m. on February 14, 2022 until February 28, 2022.
Website:	<a href="http://www.virtualengagement.ca/panhandle">www.virtualengagement.ca/panhandle</a>

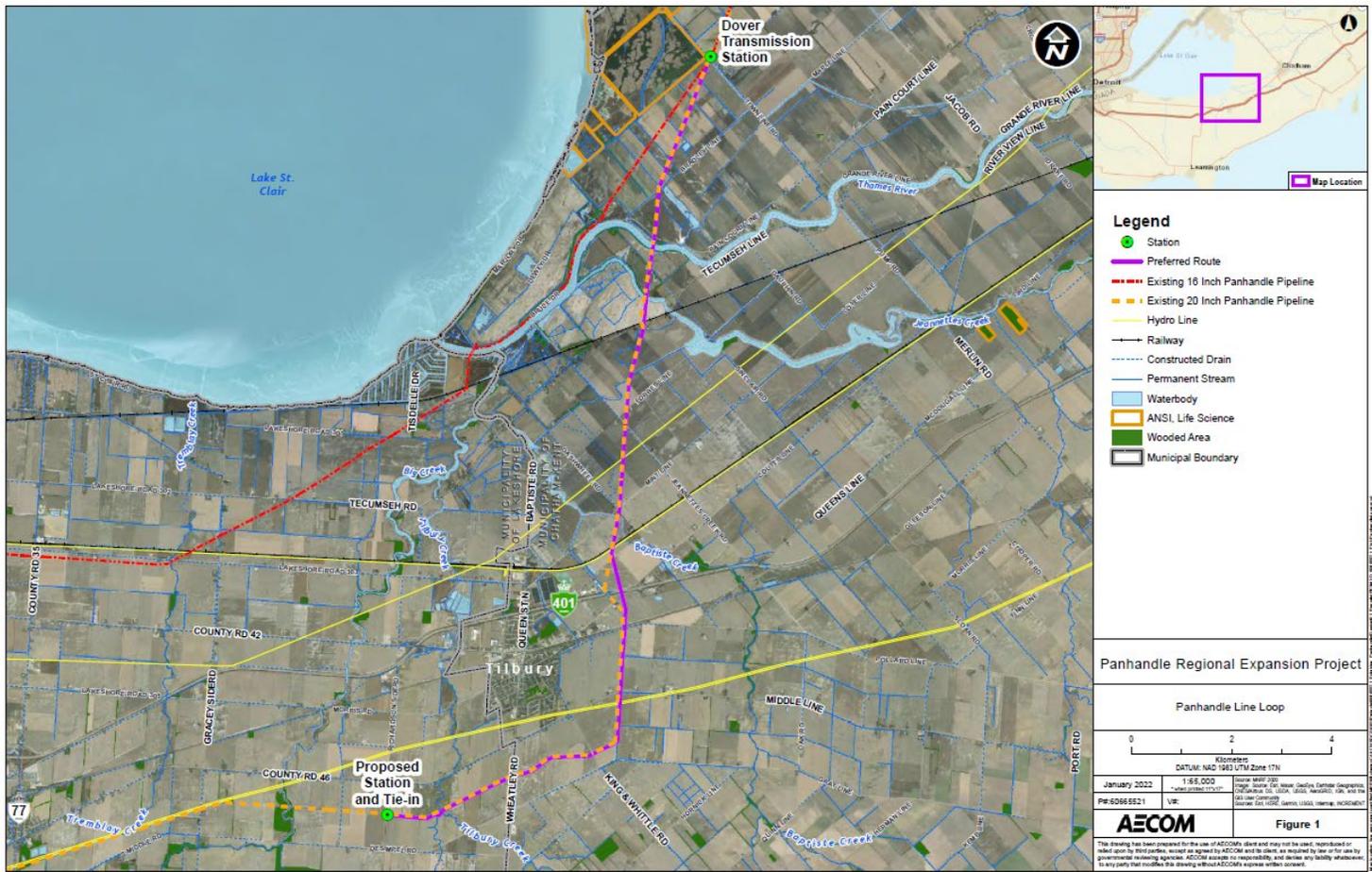
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

Sincerely,



Kevin Berube  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Kevin.Berube@enbridge.com  
Phone: (416) 666-6759

CC: Evan Tomek – Enbridge Gas Inc.  
Mark Van der Woerd – AECOM  
Kristan Washburn – AECOM  
Consultation General Inbox (consultation@cottfn.ca) – Chippewas of the Thames First Nation



**Legend**

- Station
- Preferred Route
- - - Existing 16 Inch Panhandle Pipeline
- - - Existing 20 Inch Panhandle Pipeline
- Hydro Line
- Railway
- - - Constructed Drain
- Permanent Stream
- Waterbody
- ANSI Life Science
- Wooded Area
- Municipal Boundary

**Panhandle Regional Expansion Project**

**Panhandle Line Loop**

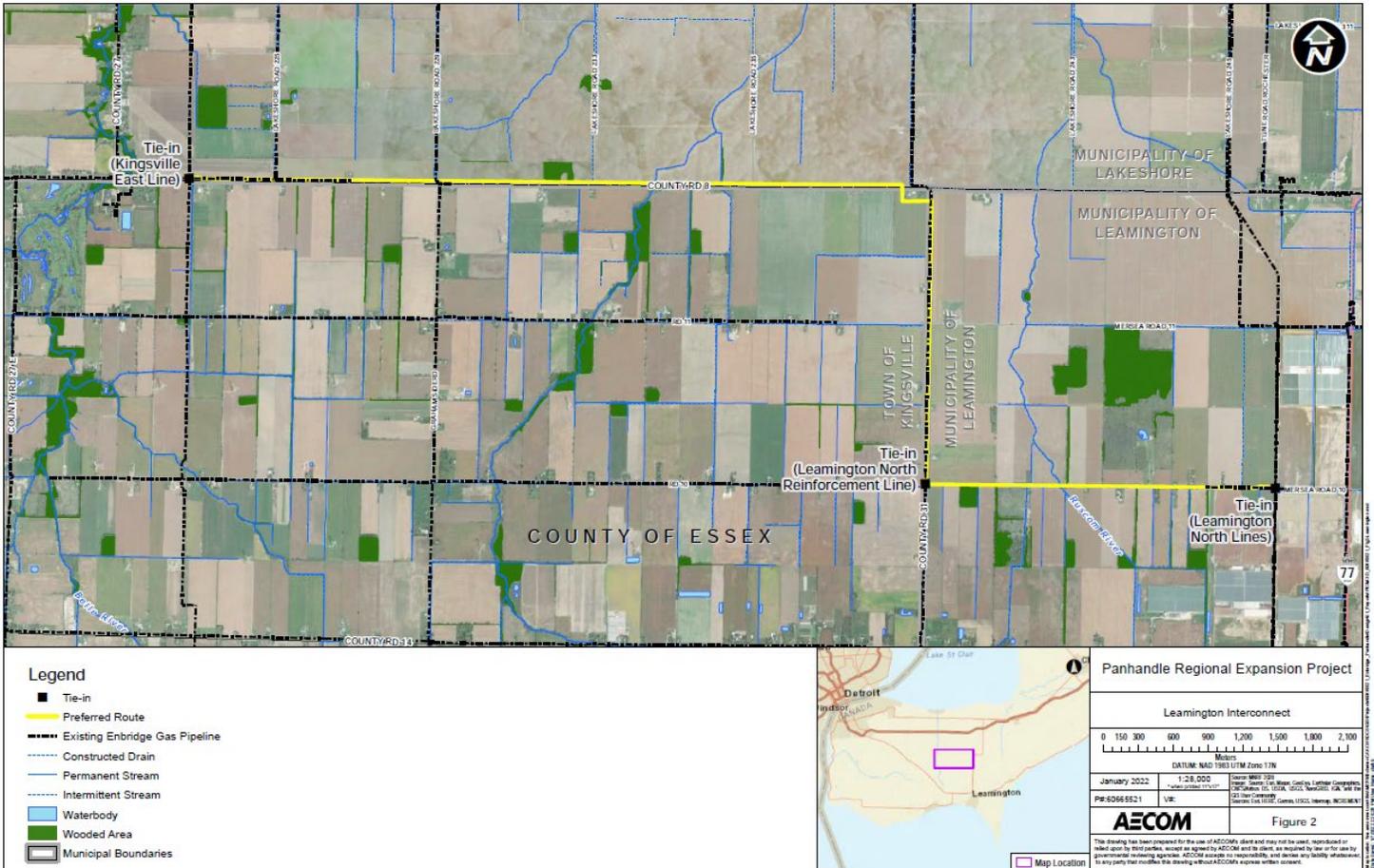
0 2 4  
Kilometers

DATUM: NAD 1983 UTM Zone 17N

January 2022	1:65,000	Issue: 0001
PH-80965521	VR	Issue: 0001

**AECOM** **Figure 1**

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- Legend**
- Tie-in
  - Preferred Route
  - - - Existing Enbridge Gas Pipeline
  - - - Constructed Drain
  - Permanent Stream
  - - - Intermittent Stream
  - Waterbody
  - Wooded Area
  - Municipal Boundaries



**Panhandle Regional Expansion Project**

**Leamington Interconnect**

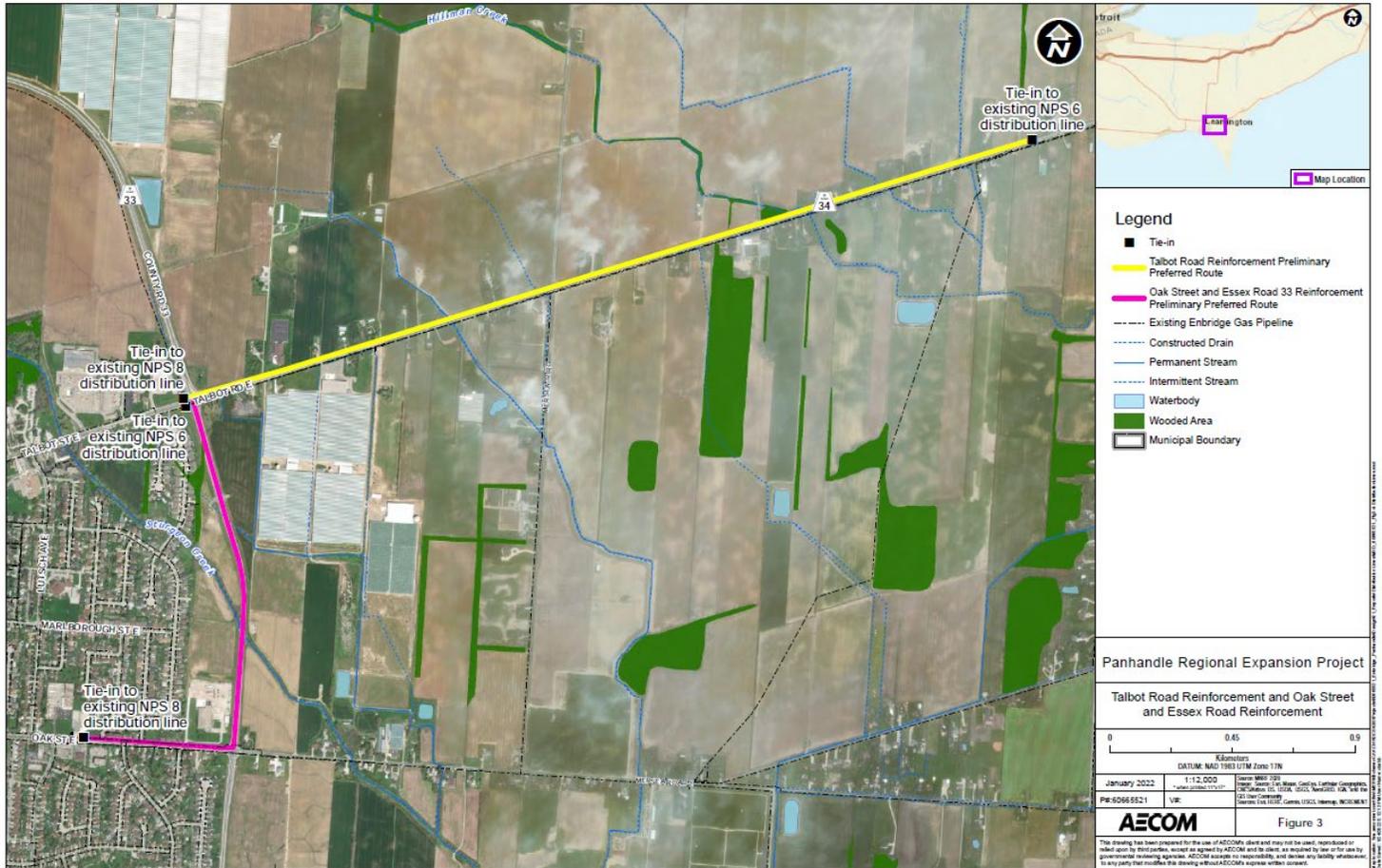
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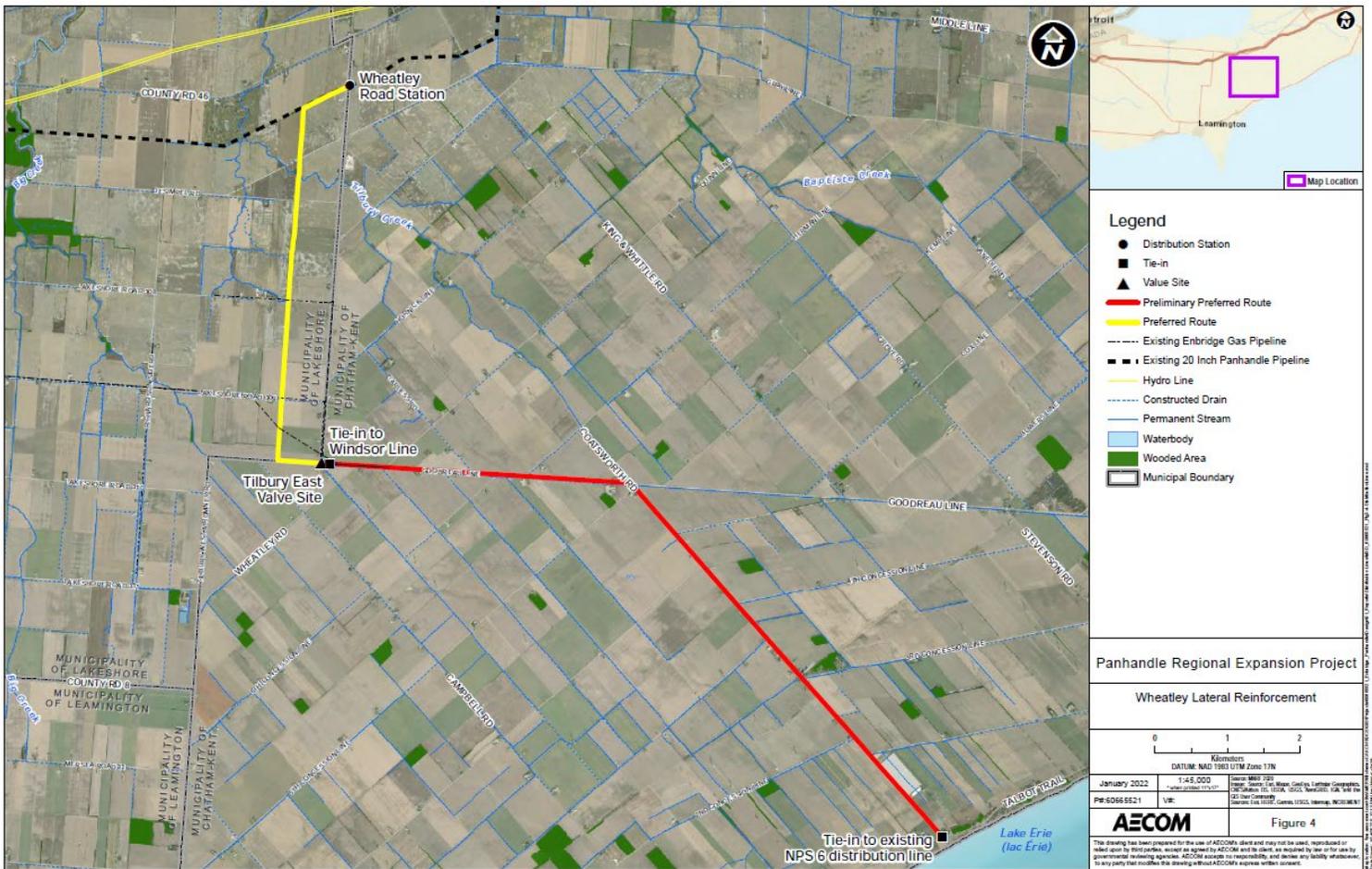
DATE: NAD 1983 UTM Zone 17N

January 2022	1:25,000	ESR-000-1708
PE-50665521	1.0	ESR-000-1708

**AECOM** Figure 2

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**From:** Jennifer Mills <[jmills@cottfn.com](mailto:jmills@cottfn.com)>  
**Sent:** Monday, February 14, 2022 8:16 AM  
**To:** Kevin Berube <[kevin.berube@enbridge.com](mailto:kevin.berube@enbridge.com)>  
**Subject:** [External] panhandle map

**CAUTION: EXTERNAL EMAIL**

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

Hi Kevin

I'm preparing an update on the Panhandle Expansion project for our department newsletter. I don't have much space so I'm wondering if you have a map that shows all the pipelines included in the project in one image. I realize it would be zoomed out but I want to give an impression of the general location. We are trying to finalize the newsletter by the end of the week so this is time sensitive.

I also have a second question that is not for the newsletter. I want to get a sense of where all the existing major Enbridge infrastructure is in the region (not including all the distribution or service lines). I saw an interactive map on the Enbridge website but it's missing infrastructure that I know is there, like the panhandle transmission pipeline. Does Enbridge have a more complete map or list available?

Miigwech

**From:** Kevin Berube  
**Sent:** Monday, February 14, 2022 5:13 PM  
**To:** Jennifer Mills <[jmills@cottfn.com](mailto:jmills@cottfn.com)>  
**Subject:** RE: panhandle map

Hi Jennifer,

I was waiting for these slides. These will be presented at the second VOH. Slides 9 and 10 show the proposed transmission and distribution lines across the whole area. I've asked Aecom if they have a specific pic that shows the whole area and I think these pics are the closest to what you're looking for.

I'll check with our drafting department to see if we have a map that shows all of our infrastructure in the region.

Meegwetch,  
Kevin



---

**From:** Kevin Berube <[kevin.berube@enbridge.com](mailto:kevin.berube@enbridge.com)>  
**Sent:** Monday, March 28, 2022 10:21 AM  
**To:** Jennifer Mills <[jmills@cottfn.com](mailto:jmills@cottfn.com)>  
**Subject:** Visit next week

Hi Jennifer,

I'm heading to London next week to work out of the London office for a few days. Would you happen to have some time available on Wednesday or Thursday of next week. I would like to spend some time with you so you can show me how to navigate Nations Connect. If there's any other information you would like me to bring along with respect to current or new projects I can certainly do that as well. Let me know if this could work.

Have a great week.

Kevin

---

**From:** Jennifer Mills <[jmills@cottfn.com](mailto:jmills@cottfn.com)>  
**Sent:** Tuesday, March 29, 2022 12:34 PM  
**To:** Kevin Berube <[kevin.berube@enbridge.com](mailto:kevin.berube@enbridge.com)>  
**Subject:** [External] RE: Visit next week

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Hi Kevin

Yes, that would be great. Both days are open on our schedule right now and I could go into the office either day. Let me check with Rochelle which day she'll be in. She's our NationsConnect internal expert.

Jen

---

**From:** Kevin Berube <[kevin.berube@enbridge.com](mailto:kevin.berube@enbridge.com)>  
**Sent:** Tuesday, March 29, 2022 12:37 PM  
**To:** Jennifer Mills <[jmills@cottfn.com](mailto:jmills@cottfn.com)>  
**Subject:** RE: Visit next week

Thanks for getting back to me Jen. Let's shoot for Thursday, I'll bring some lunch in or we can go out and grab lunch. Awesome! See you next week.

Kevin

**From:** Jennifer Mills <jmills@cottfn.com>  
**Sent:** Tuesday, March 29, 2022 12:45 PM  
**To:** Kevin Berube <kevin.berube@enbridge.com>  
**Subject:** [External] RE: Visit next week

**CAUTION! EXTERNAL SENDER**

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Thursday sounds good! Going out sounds lovely but I'm not eating out at restaurants yet. But you're welcome to bring something.

I'll give it some thought about what info we might be looking for. It would be good to talk about possible community information sessions on the Panhandle expansion.

Jen

**From:** Kevin Berube <kevin.berube@enbridge.com>

**Sent:** Friday, April 8, 2022 9:52 AM

**To:** Fallon Burch

**Subject:** Panhandle Update

**CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Boozhoo Fallon,

I hope things are well with you and the team there.

I've attached a letter that captures the scope update for the Panhandle project along with maps of the area.

If you have any questions please do not hesitate to contact me. I confirmed a date of April 21 with Jen when I can come out to visit with your team.

Have a great weekend.

Meegwetch,

Kevin



Enbridge Gas Inc.  
500 Consumers Road  
North York, ON M2J 1P8  
Canada

April 8, 2022

Fallon Burch  
Consultation Coordinator  
Chippewas of the Thames First Nation  
320 Chippewa Road  
Muncey, ON N0L 1Y0

Dear Fallon Burch:

**Regarding: Project Update for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

The preferred routes are found in **Figures 1 and 2** attached to this letter.

The purpose of this letter is to provide an update on the latest developments of the project.

Earlier in the project planning stages, the original scope of the project also included the Wheatley Lateral Reinforcement (formerly the Wheatley Interconnect). After the three pipeline segments were presented in the first virtual information session from November 17 – December 3, 2021, the Panhandle Loop and Leamington Interconnect were selected to continue in the planning process, while the Wheatley Lateral Reinforcement was downsized and aggregated with several additional customer-driven distribution pipelines proposed at the second virtual information session.

The Panhandle Loop, Leamington Interconnect, and the distribution lines (including the Wheatley Lateral Reinforcement, the Talbot Road Reinforcement, and the Oak Street and Essex Road 33 Reinforcement) were presented to the public and interested stakeholders in a second virtual information session from February 14 – 28, 2022. The following distribution lines presented at the second virtual information session will no longer be considered as part of Enbridge Gas' Panhandle Regional Expansion Project:

- Wheatley Lateral Reinforcement: After reassessment, the scope and timing of the proposed facility will be revisited at a later date.
- Talbot Road Reinforcement: After reassessment, the required timing for this distribution facility has changed and therefore it will not be included within the Panhandle Regional Expansion Project.
- Oak Street and Essex Road 33 Reinforcement: After reassessment, the required timing for this distribution facility has changed and therefore it will not be included within the Panhandle Regional Expansion Project.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)* and will:

- Outline the environmental planning process and regulatory framework;
- Develop a consultation program to receive input from interested and potentially affected parties;
- Identify and evaluate potential alternatives from undertaking the project;
- Select preferred routes that minimize potential environmental effects;
- Complete a detailed review of environmental features along the preferred routes and assess the potential environmental effects of the project on these features;
- Establish mitigation measures that may be used to minimize or eliminate potential environmental effects of the project; and
- Identify any necessary supplemental studies, monitoring, and contingency plans.

The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022. OEB review and approval is required before this project can proceed.

A key part of the planning process involved consultation with Indigenous communities, local landowners, government agencies and other interested parties that could be impacted by the project. Input received has helped confirm the selection of the preferred routes and to develop site-specific environmental protection and mitigation measures, which will be outlined in the ER.

Proposed construction for the Panhandle Loop is in 2023. The proposed timing of construction for the Leamington Interconnect presented at the first and second virtual information sessions has been tentatively changed to 2024.

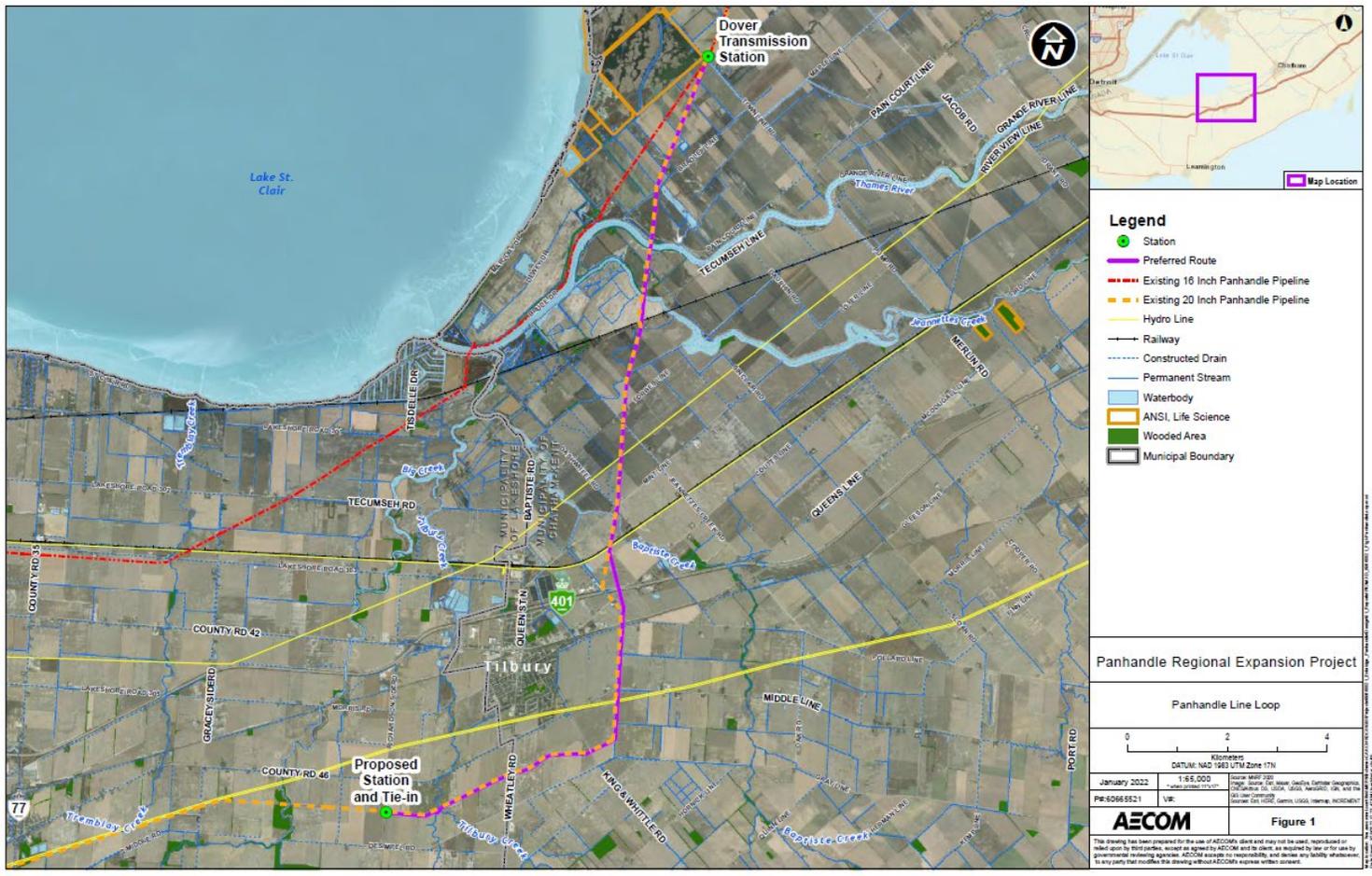
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kevin Berube".

Kevin Berube  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Kevin.Berube@enbridge.com  
Phone: (416) 666-6759

CC: Evan Tomek – Enbridge Gas Inc.  
Mark Van der Woerd – AECOM  
Kristan Washburn – AECOM  
Consultation General Inbox (consultation@cottfn.ca) – Chippewas of the Thames First Nation



**Legend**

- Station
- Preferred Route
- - - Existing 16 Inch Panhandle Pipeline
- - - Existing 20 Inch Panhandle Pipeline
- Hydro Line
- Railway
- - - Constructed Drain
- Permanent Stream
- Waterbody
- ANSI, Life Science
- Wooded Area
- Municipal Boundary

**Panhandle Regional Expansion Project**

**Panhandle Line Loop**

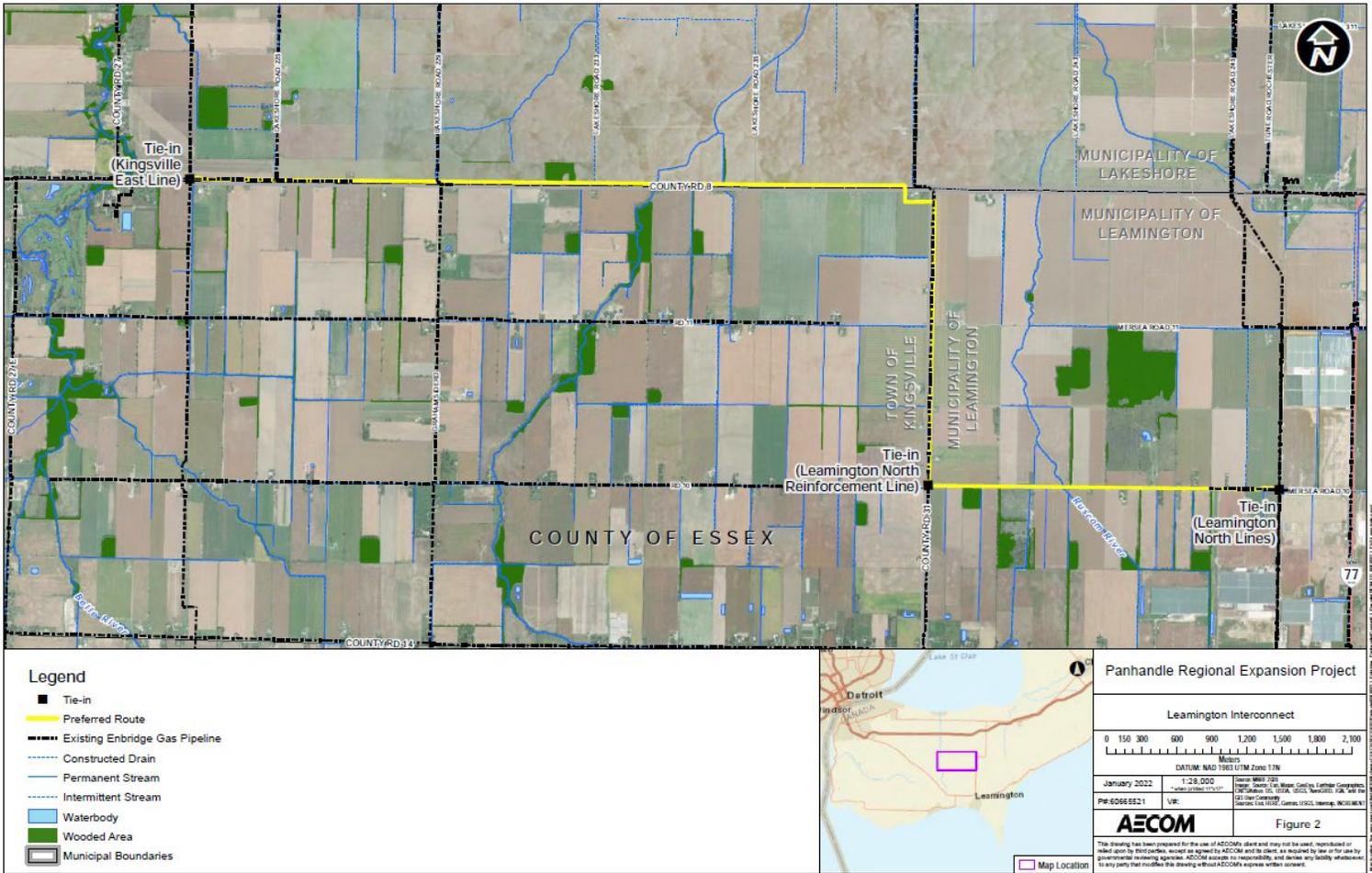
0 2 4  
Kilometers

DATUM: NAD 1983 UTM Zone 17N

January 2022	1:85,000	Scale: NAD 83 UTM Zone 17N
PR:0266521	VE:	Source: AECOM, Google Earth, Esri, DeLorme, Garmin, GEBCO, Intermap, INEGI, IGN, USGS, AeroGRID, IGN, and the GIS User Community

**AECOM** Figure 1

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**From:** Jennifer Mills <jmills@cottfn.com>  
**Sent:** Friday, April 8, 2022 2:15 PM  
**To:** Kevin Berube <kevin.berube@enbridge.com>  
**Cc:** Fallon Burch <fburch@cottfn.com>  
**Subject:** [External] Panhandle update

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Hi Kevin

Fallon forwarded me the update today. Please be sure to include me on all project updates. I took a quick look through and saw that the intention is to submit the ER and leave to construct to the OEB in spring 2022. That surprised me since it's already spring – time flies.

Do you have an estimated timeline on when the draft ER will be completed and distributed? We want to ensure that we can thoroughly review the ER and get any answers we need. We will need adequate time to do that review – not less than 45 days. I wanted to flag this now so it can be planned for.

Hope you're feeling better and we look forward to meeting in person later this month,



fa| tw| lin| in|

**Jennifer Mills**  
Energy Sector Consultation Coordinator  
Chippewas of the Thames First Nation  
Email: [jmills@cottfn.com](mailto:jmills@cottfn.com)  
Cell: 647-990-7897 | Admin Office: 519-289-5555 Ex: 236  
[320 Chippewa Road, Muncey, Ontario](https://www.cottfn.com)

[Visit us online at cottfn.com](https://www.cottfn.com)

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**From:** [Lauren Whitwham](#)  
**To:** [jmills@cottfn.com](mailto:jmills@cottfn.com)  
**Cc:** [Kevin Benube; consultation@cottfn.com](mailto:Kevin.Benube@cottfn.com)  
**Subject:** Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, April 29, 2022 10:20:22 AM

---

Good morning Jennifer,

Hope this finds you well. Kevin is on vacation this week but we wanted to ensure that we provided you with the Environmental Report for the proposed Panhandle Regional Expansion Project.

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing the Panhandle Regional Expansion Project (the project) to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

If approved by the Ontario Energy Board (OEB), proposed construction for the Panhandle Loop is targeted for 2023 while the Leamington Interconnect is targeted for 2024.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER has been prepared in accordance with the Ontario Energy Board's (OEB) Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016).

**Due to its size, I'm unable to attach the ER to this email. The Environmental Report, along with Appendices E and F (linked separately) can be viewed and downloaded via the Regulatory information tab on the Panhandle Regional Expansion Project webpage, at <https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion>.**

We are interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights. We would appreciate your review of the ER and the provision of any comments by Friday, June 10, 2022. Enbridge acknowledges that capacity support may be required

to enable you to engage in timely technical reviews of documents and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the project.

Kevin would appreciate the opportunity to meet with you to discuss the ER and review the potential environmental and socio-economic effects that may result from the project.

Thanks so much and feel free to reach out to Kevin with any questions or concerns,  
Lauren

**Lauren Whitwham**

Senior Advisor, Community & Indigenous Engagement, Eastern Region

Public Affairs, Communications & Sustainability

—

ENBRIDGE INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)  
109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect. Inclusion.

**From:** [Jennifer Mills](#)  
**To:** [Lauren Whitwham](#)  
**Cc:** [Kevin Berube](#); [Consultation](#)  
**Subject:** [External] RE: Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, April 29, 2022 10:26:32 AM

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Good morning Lauren

Thank you for the update. We will access the files and follow up from there.

Jen

From: Kevin Birch  
 To: Justine Miles, Keshi Sliker, Rachelle Smith, Allison Buch  
 FW: May 2022 Update: Enbridge Gas Projects  
 Subject: Enbridge Gas Projects  
 Date: Thursday, May 26, 2022 9:24:40 AM

Good morning,

I hope this finds each of you well.

Recognizing that there are many projects on the go from various different proponents, I wanted to put together a monthly email that provides the proposed Enbridge Gas "Lease to Construct" (LTC) projects along with some high level details of the status and important dates.

I am very open to changes that I can make to this chart that would better suit your needs. Please let me know and I'd be happy to adjust. Additionally, if there is other information that you would like on a monthly basis, please let me know.

Meegwetich,  
 Kevin

Enbridge Gas Proposed Project	Project Initiation	Project Status as of May 3, 2022	Outstanding Engagement Requests	Projected Ontario Energy Board (OEB) Filing date	Proposed Project Construction Timeline
Dawn Corunna Pipeline Project	April 13, 2021	Ongoing consultation Currently in the OEB regulatory process (E5-2022-0086) Stantec, on behalf of Enbridge Gas, is conducting field surveys	Seeking opportunities to review project submission	March 21, 2022 (submitted)	Spring 2023
Panhandle Regional Expansion Project	August 11, 2021	Ongoing consultation Environmental report released and seeking comments by Friday, June 10, 2022: <a href="https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion">https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion</a>	Seeking review and comment on the Environmental Report. Looking for opportunities to set up a meeting to review the potential environmental and socio-economic effects that may result from the project. Interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this project may have on your Aboriginal or treaty rights	June 2022 (upcoming)	Spring 2023
Ridge Landfill Pipeline Project	March 1, 2022	Ongoing consultation	Seeking comments on the project, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this project may have on your Aboriginal or treaty rights.	July 2022 (upcoming)	Spring 2023
<p>Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the project.</p>					

**From:** [Lauren Whitwham](#)  
**To:** [jmills@cottfn.com](mailto:jmills@cottfn.com)  
**Cc:** [Kevin Berube](#)  
**Subject:** RE: Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, May 27, 2022 12:16:36 PM

---

Hi there Jennifer,

Just wanted to send a friendly reminder that the environmental report for the Panhandle Regional Expansion Project is now available for your review and comments. The link to the report is below.

We would appreciate any comments by Friday, June 10, 2022 however, we are happy to accept them at any point in the process. Additionally, if you require capacity funding to have this report reviewed by a third party, please reach out to Kevin.

Have a nice weekend.

Lauren

**From:** [Kevin Berube](#)  
**To:** [Brandon Doxtator](#)  
**Subject:** FW: Proposed Panhandle Regional Expansion Project  
**Date:** Friday, October 15, 2021 12:23:48 PM  
**Attachments:** [Proposed Panhandle Regional Expansion Project Oneida.pdf](#)  
[Notice of commencement Panhandle Oneida.pdf](#)  
[Panhandle Regional Expansion Project Maps.pdf](#)

---

Boozhoo Brandon,

I hope you are doing well.

I'm reaching out to notify you of an upcoming project: Panhandle Regional Expansion Project. Attached is the Notification Letter, Notice of Commencement and maps of the proposed work area.

If you have any questions please do not hesitate to contact me. I will follow up with you as things progress on the project.

Meegwetch,  
Kevin



Enbridge Inc  
500 Consumers Rd  
North York, ON  
M2J 1P8

Oneida Nation of the Thames  
2212 Elm Avenue  
Southwold, ON  
N0L 2G0

October 15, 2021

Dear Brandon,

**Re: Notice of the Proposed Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The Panhandle Regional Expansion Project (the Project) includes the construction of the following:

- Approximately 23 kilometres (km) of new pipeline looping the existing 20-inch Panhandle Pipeline. The new pipeline will be up to 42 inches in diameter and located adjacent to an existing pipeline corridor between Comber and Dover Transmission Stations.
- Construction of a new 16-inch pipeline adjacent to or within existing road rights-of-way on public or private property to connect the Leamington North Line to both the Kingsville East Line and Leamington North Reinforcement Line. The pipeline is approximately 12 km in length.
- Construction of a new 16-inch pipeline to connect the Tilbury East Valve Site to the Wheatley Road Station. The pipeline is approximately 6 km and will be located adjacent to or within existing road rights-of-way on public or private property.

Where possible, the Project will be located within existing road allowances, utility corridors and rights-of-way. While a preliminary preferred Project route has not yet been determined Enbridge Gas anticipates that permanent easement and temporary working space and laydown areas may be required. Enbridge Gas will work with regulators and landowners to identify and secure appropriate working space and easements as required.

As part of the planning process for the Project, Enbridge Gas has and will retain an external consulting firm to undertake an Environmental Study of the construction and operation of the Project. The Environmental Study as required by the Ontario Energy Board's (OEB)



Enbridge Inc  
500 Consumers Rd  
North York, ON  
M2J 1P8

*"Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".*

Enbridge Gas' preliminary work on the Project has identified the following potential authorizations:

Provincial:

- Ontario Energy Board;
- Infrastructure Ontario;
- Ministry of Transportation;
- Ministry of Heritage, Sports, Tourism and Culture Industries ("MHSTCI");
- Ministry of Environment, Conservation and Parks;
- Ministry of Energy; and
- Hydro One.

Municipal:

- The Municipality of Chatham-Kent;
- The County of Essex;
- The Town of Kingsville;
- The Municipality of Leamington;
- The Town of Tecumseh;
- The Municipality of Lakeshore; and
- The City of Windsor.

Other:

- Indigenous engagement;
- Landowner agreements;
- Lower Thames Valley Conservation Authority;
- Essex Region Conservation Authority; and
- Utility circulation.

We would like to consult with your community on the proposed Project. We are interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts the Project may have on your Aboriginal or treaty rights.

Enbridge Gas acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents, participation in field work associated with the Project, and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the Project.



Enbridge Inc  
500 Consumers Rd  
North York, ON  
M2J 1P8

Enbridge Gas has been delegated the procedural aspects for consultation by the Ministry of Energy on behalf of Ontario. Ministry officials are also available should you wish to contact them directly with any questions or concerns. Please contact:

Gillian Brown  
Senior Advisor, Indigenous Energy Policy  
gillian.brown2@Ontario.ca

We would like to set up a meeting to discuss the Project with you to provide you with an opportunity to express any questions or concerns you have. Please feel free to contact me at [kevin.berube@enbridge.com](mailto:kevin.berube@enbridge.com) or 416-666-6759 so we can set up a time to meet. You may also provide me with any feedback you may have regarding the Project in writing by November 19, 2021, if possible.

Many thanks,

A handwritten signature in blue ink that reads 'Kevin Berube'.

Kevin Berube  
Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Enbridge Inc.  
416-666-6759  
Kevin.berube@enbridge.com



Enbridge Gas Inc.  
500 Consumers Road  
North York, ON M2J 1P8  
Canada

October 15, 2021

Brandon Doxtator Oneida  
Nation of the Thames  
2212 Elm Avenue  
Southwold, ON  
N0L 2G0

Dear Brandon Doxtator:

**Regarding: Project Commencement and Virtual Information Session for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The Panhandle Regional Expansion Project includes the construction of the following:

- Approximately 23 kilometres (km) of new pipeline looping the existing 20-inch Panhandle Pipeline. The new pipeline will be up to 42 inches in diameter and located adjacent to an existing pipeline corridor between Enbridge Gas' Comber Transmission Station, located in the Municipality of Lakeshore, and its Dover Transmission Station, located in the Municipality of Chatham-Kent.
- Construction of a new pipeline up to 16 inches in diameter adjacent to or within existing road rights-of-way on public or private property to connect the Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line. The pipeline is approximately 12 km in length and would be located in both the Town of Kingsville and the Municipality of Leamington.
- Construction of a new pipeline up to 16 inches in diameter to connect the Tilbury East Valve Site to the Wheatley Road Station. The pipeline is approximately 6 km and will be located adjacent to or within existing road rights-of-way on public or private property either within the Municipality of Chatham-Kent or the Municipality of Lakeshore.

The location of the project and preliminary preferred routes for each segment are shown on the attached figures.

AECOM has been retained by Enbridge to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The report will outline potential pipeline route evaluations and plans for avoiding and/or mitigating any effects, where possible. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*. The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022. OEB review and approval is required before this project can proceed. Construction of the project is planned to begin as early as spring of 2023.

A key part of the planning process involves consultation with Indigenous Communities, local landowners, government agencies and other interested parties that could be impacted by the project. A virtual information session is planned to provide interested parties an opportunity to learn and comment on the proposed routes. It will also provide an overview of the planning process and studies completed.

The purpose of this letter is to invite you to attend the virtual information session and provide feedback in a format that is convenient for you:

Virtual Information Session	
Date:	Materials will be available at 5 p.m. on November 17, and available until December 3.
Website:	<a href="http://www.virtualengagement.ca/panhandle">www.virtualengagement.ca/panhandle</a>

If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

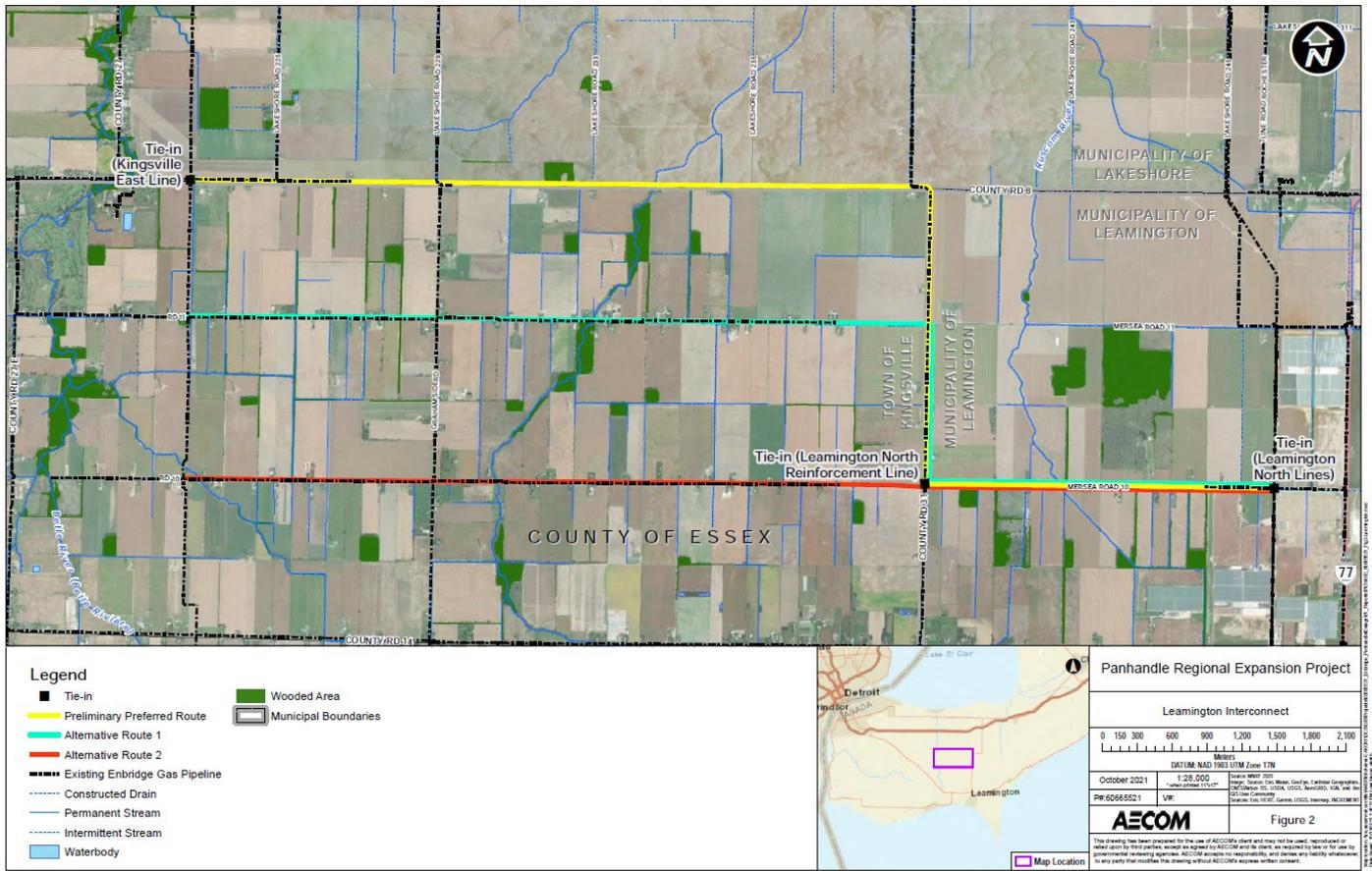
Sincerely,



Kevin Berube  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Kevin.Berube@enbridge.com  
Phone: (416) 666-6759

CC: Evan Tomek - Enbridge Inc.  
Mark Van der Woerd - AECOM  
Kristan Washburn - AECOM







---

**From:** Kevin Berube <kevin.berube@enbridge.com>  
**Sent:** Wednesday, November 17, 2021 1:03 PM  
**To:** Brandon Doxtator <environment@oneida.on.ca>  
**Subject:** VOH slide deck for Panhandle Project

Boozhoo Brandon,

The Virtual Open House for the Panhandle Project will go live this evening at 5pm and will be open for the next two weeks. I've attached the VOH slide deck for you and included the link for the open house here: <https://www.virtualengagement.ca/panhandle>

Questions and comments can be submitted on the VOH website.

Anything else you need at this time for the Panhandle Project let me know.

Meegwetch,  
Kevin

**From:** Kevin Berube <kevin.berube@enbridge.com>

**Sent:** Tuesday, December 14, 2021 10:23 AM

**To:** Brandon Doxtator

**Subject:** Meeting Last Week

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Boozhoo Brandon,

Thanks again for taking the time to meet with me last week. If any members of your Chief and Council have questions on the Panhandle Expansion Project slides I shared with you please do not hesitate to contact me. If I can't answer the questions I will make sure to connect with our project team to get you the information you need.

Have a fun and safe holiday season, hope you enjoy your time with family.

Meegwetch,

Kevin

**From:** Kevin Berube <kevin.berube@enbridge.com>  
**Sent:** Wednesday, January 26, 2022 3:13 PM  
**To:** Brandon Doxtator  
**Subject:** FW: Letter Oneida for tomorrow

**CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Boozhoo Brandon,

I hope this finds you well.

I've attached the information for the second virtual open house for the Panhandle project.

If you have any questions please do not hesitate to contact me.

Meegwetch,  
Kevin



Enbridge Gas Inc.  
500 Consumers Road  
North York, ON M2J 1P8  
Canada

January 26, 2022

Brandon Doxtator  
Environmental Committee  
Oneida Nation of the Thames

Dear Brandon Doxtator:

**Regarding: Notice of Second Virtual Information Session for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. As part of the proposed Panhandle Regional Expansion Project, Enbridge Gas has conducted a route analysis and selection process to determine the preferred routes, which include constructing the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville and the Municipality of Leamington.
- **Several distribution pipelines** varying in diameter and length to connect new large-volume customers to the Panhandle Transmission System. Please see below for further details on these pipelines.

A preliminary preferred route was presented for the Panhandle Loop and a preliminary preferred route and alternative routes were presented for the Leamington Interconnect during the first virtual information session, held between November 17 and December 3, 2021. Upon consideration of the feedback received during the session, the proposed routes were evaluated further, which has resulted in the selection of preferred routes found in **Figures 1 and 2** attached to this letter. In addition, since the first virtual information session, preliminary preferred routes for the proposed distribution pipelines have also been selected and will be presented in a second virtual information session along with the preferred routes for the Panhandle Loop and Leamington Interconnect

(see below for further details). The Wheatley Interconnect, which was previously presented during the first virtual information session, is now represented with the other distribution lines and this segment of pipeline has been selected as the preferred route. The distribution lines include:

- **Talbot Road Reinforcement:** Construction of a new distribution pipeline up to 8 inches in diameter travelling adjacent to or within an existing road allowance on public or private property along Talbot Road East in the Municipality of Leamington (Figure 3). The pipeline will be approximately 3.2 km in length.
- **Oak Street and Essex Road 33 Reinforcement:** Construction of a new distribution pipeline up to 6 inches in diameter travelling adjacent to or within existing road allowances on public or private property along Oak Street East and County Road 33 in the Municipality of Leamington (Figure 3). The pipeline will be approximately 1.9 km in length.
- **Wheatley Lateral Reinforcement (formerly Wheatley Interconnect):** Construction of a new distribution pipeline up to 8 inches in diameter starting from Enbridge Gas' Wheatley Road station and travelling west then south in an easement on private property to Goodreau Line. The pipeline will then travel east to a new proposed station at the intersection of Wheatley Road and Goodreau Line (preferred route). From this location, the new distribution line would travel east along Goodreau Line before turning southeast on Coatsworth Road to Talbot Trail (preliminary preferred route) (Figure 4). The pipeline will be approximately 16.1 km in length and all new pipelines on Goodreau Line and Coatsworth Road would either travel adjacent to or within existing road allowances on public or private property.

AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*. The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022 and will include both the transmission and distribution components of this project. OEB review and approval is required before this project can proceed. Construction is planned to begin as early as spring of 2023.

A key part of the planning process involves consultation with Indigenous and Métis Communities, local landowners, government agencies and other interested parties that could be impacted by the project. A second virtual information session is planned to provide interested parties with an update on the project, along with an opportunity to learn about and comment on the proposed preferred routes for the Panhandle Loop, Leamington Interconnect, Wheatley Lateral Reinforcement (former Wheatley Interconnect segment) and preliminary preferred routes for the distribution pipelines. It will also provide an overview of the planning process and studies completed. Input received will help to confirm the selection of the preferred routes and to develop site-specific environmental protection or mitigation measures.

The purpose of this letter is to provide an update on the latest developments of the project, as well as to invite you to attend the second virtual information session and provide feedback in a format that is convenient for you:

Virtual Information Session #2	
Date:	Materials will be available from 5 p.m. on February 14, 2022 until February 28, 2022.
Website:	<a href="http://www.virtualengagement.ca/panhandle">www.virtualengagement.ca/panhandle</a>

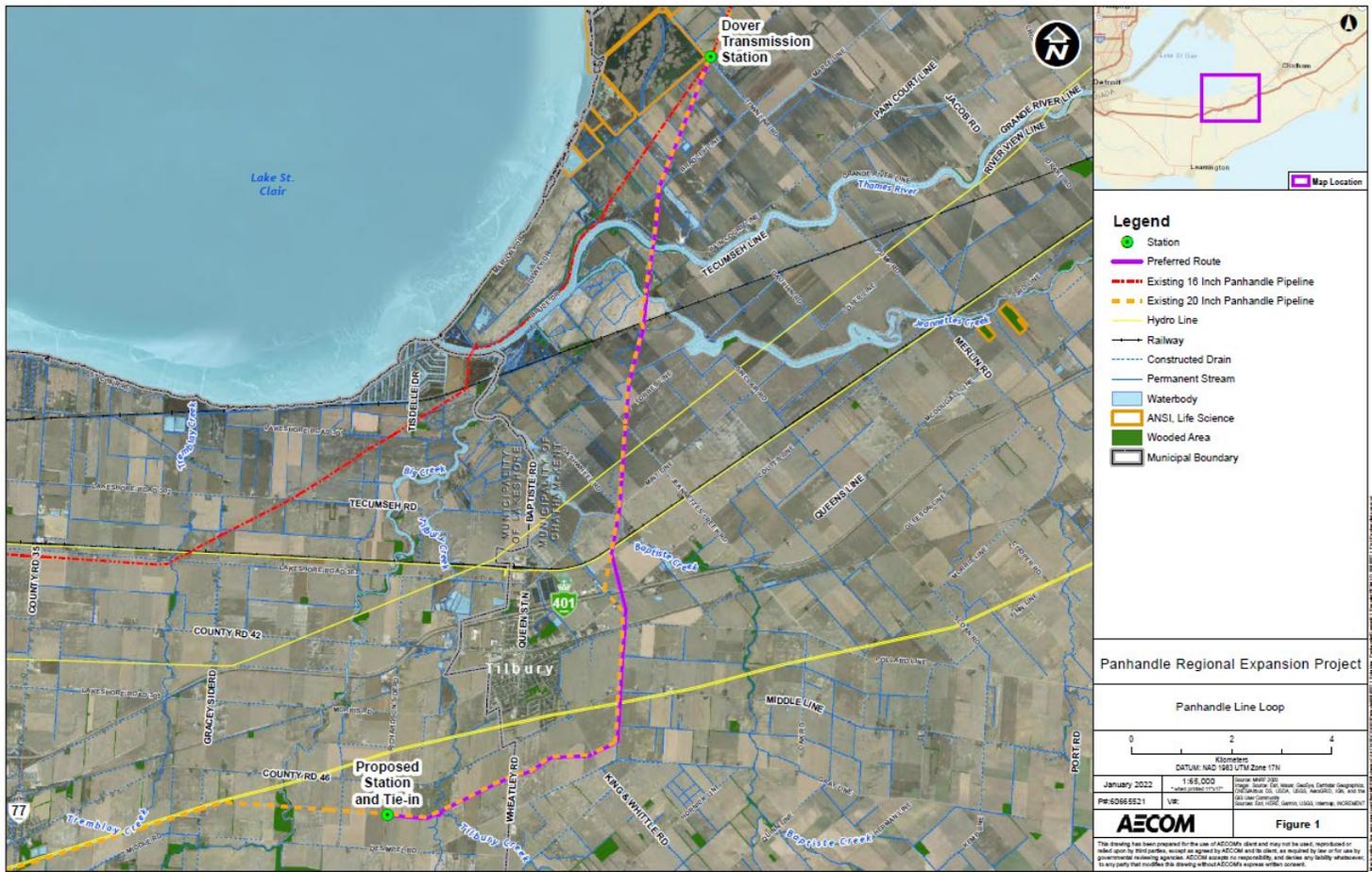
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

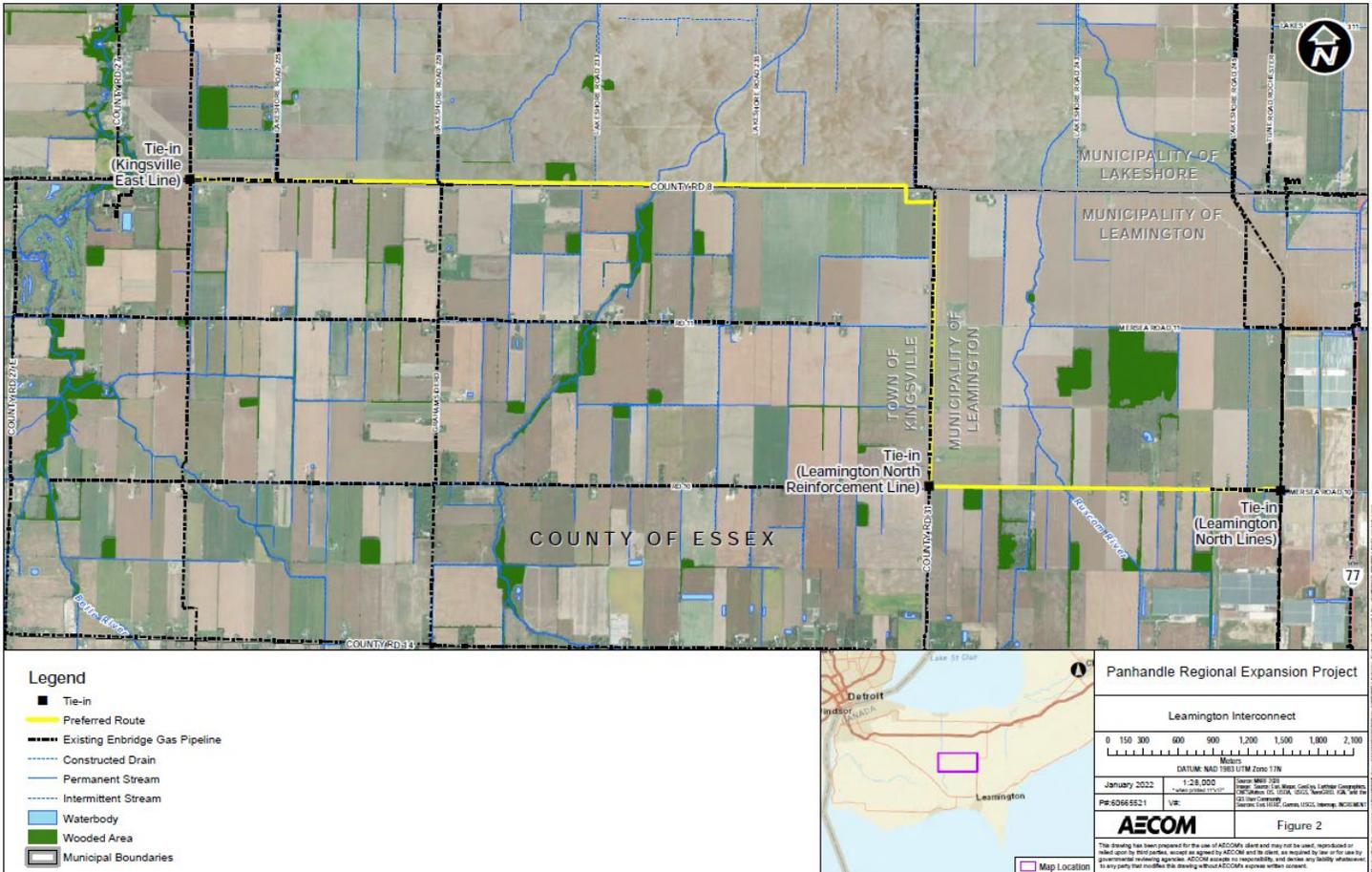
Sincerely,



Kevin Berube  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Kevin.Berube@enbridge.com  
Phone: (416) 666-6759

CC: Evan Tomek – Enbridge Gas Inc.  
Mark Van der Woerd – AECOM  
Kristan Washburn – AECOM





- Legend**
- Tie-in
  - Preferred Route
  - Existing Enbridge Gas Pipeline
  - Constructed Drain
  - Permanent Stream
  - Intermittent Stream
  - Waterbody
  - Wooded Area
  - Municipal Boundaries



**Panhandle Regional Expansion Project**

**Leamington Interconnect**

0 150 300 600 900 1,200 1,500 1,800 2,100  
Meters

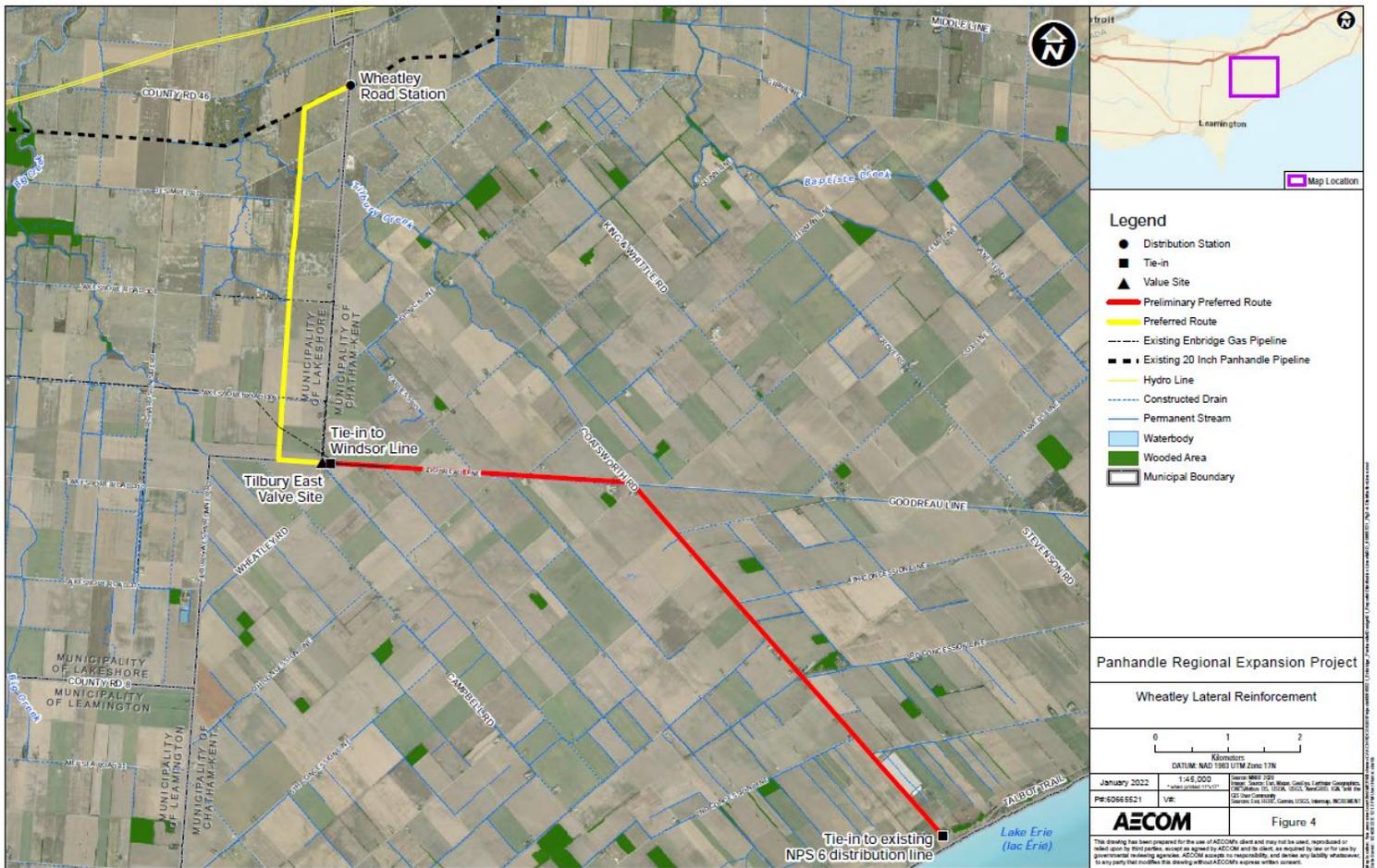
DATUM: NAD 1983 UTM Zone 17N

January 2022	1:25,000	ESR-2022-17N
PE-2022-17N	ESR-2022-17N	ESR-2022-17N

**AECOM** Figure 2

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**From:** Kevin Berube <kevin.berube@enbridge.com>  
**Sent:** Wednesday, February 16, 2022 10:08 AM  
**To:** Brandon Doxtator  
**Subject:** Slides for Second VOH

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Boozhoo Brandon,

I hope this finds you well.

Attached are the slides for the second virtual open house for the Panhandle Expansion Project. If you have any questions please do not hesitate to contact me.

Meegwetch,  
Kevin

**From:** Kevin Berube <kevin.berube@enbridge.com>

**Sent:** Friday, April 8, 2022 9:56 AM

**To:** Brandon Doxtator

**Subject:** Update Panhandle

**CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Boozhoo Brandon,

I hope things are well with you and your team there.

I've attached a letter that captures the scope update for the Panhandle project along with maps of the area.

If you have any questions please do not hesitate to contact me. I'm going to be in your region April 19-22, perhaps we can grab some lunch and get caught up on upcoming projects etc.

Have a great weekend.

Meegwetch,

Kevin



Enbridge Gas Inc.  
500 Consumers Road  
North York, ON M2J 1P8  
Canada

April 8, 2022

Brandon Doxtator  
Environmental Committee  
Oneida Nation of the Thames  
2212 Elm Avenue  
Southwold, ON  
N0L 2G0

Dear Brandon Doxtator:

**Regarding: Project Update for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

The preferred routes are found in **Figures 1 and 2** attached to this letter.

The purpose of this letter is to provide an update on the latest developments of the project.

Earlier in the project planning stages, the original scope of the project also included the Wheatley Lateral Reinforcement (formerly the Wheatley Interconnect). After the three pipeline segments were presented in the first virtual information session from November 17 – December 3, 2021, the Panhandle Loop and Leamington Interconnect were selected to continue in the planning process, while the Wheatley Lateral Reinforcement was downsized and aggregated with several additional customer-driven distribution pipelines proposed at the second virtual information session.

The Panhandle Loop, Leamington Interconnect, and the distribution lines (including the Wheatley Lateral Reinforcement, the Talbot Road Reinforcement, and the Oak Street and Essex Road 33 Reinforcement) were presented to the public and interested stakeholders in a second virtual information session from February 14 – 28, 2022. The following distribution lines presented at the second virtual information session will no longer be considered as part of Enbridge Gas' Panhandle Regional Expansion Project:

- Wheatley Lateral Reinforcement: After reassessment, the scope and timing of the proposed facility will be revisited at a later date.
- Talbot Road Reinforcement: After reassessment, the required timing for this distribution facility has changed and therefore it will not be included within the Panhandle Regional Expansion Project.
- Oak Street and Essex Road 33 Reinforcement: After reassessment, the required timing for this distribution facility has changed and therefore it will not be included within the Panhandle Regional Expansion Project.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)* and will:

- Outline the environmental planning process and regulatory framework;
- Develop a consultation program to receive input from interested and potentially affected parties;
- Identify and evaluate potential alternatives from undertaking the project;
- Select preferred routes that minimize potential environmental effects;
- Complete a detailed review of environmental features along the preferred routes and assess the potential environmental effects of the project on these features;
- Establish mitigation measures that may be used to minimize or eliminate potential environmental effects of the project; and
- Identify any necessary supplemental studies, monitoring, and contingency plans.

The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022. OEB review and approval is required before this project can proceed.

A key part of the planning process involved consultation with Indigenous communities, local landowners, government agencies and other interested parties that could be impacted by the project. Input received has helped confirm the selection of the preferred routes and to develop site-specific environmental protection and mitigation measures, which will be outlined in the ER.

Proposed construction for the Panhandle Loop is in 2023. The proposed timing of construction for the Leamington Interconnect presented at the first and second virtual information sessions has been tentatively changed to 2024.

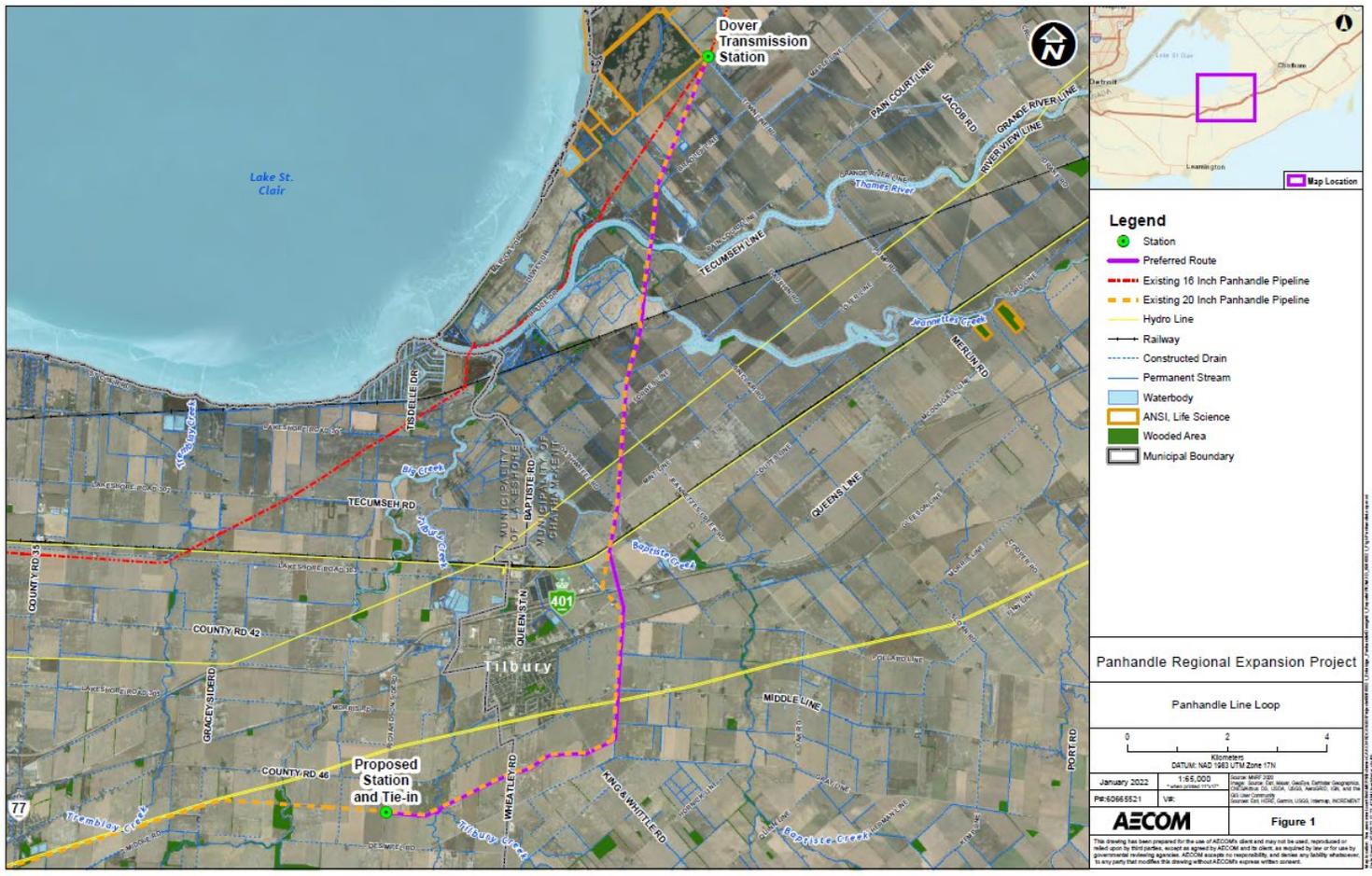
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kevin Berube".

Kevin Berube  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Kevin.Berube@enbridge.com  
Phone: (416) 666-6759

CC: Evan Tomek - Enbridge Gas Inc.  
Mark Van der Woerd - AECOM  
Kristan Washburn - AECOM



**Panhandle Regional Expansion Project**

**Panhandle Line Loop**

0 2 4  
Kilometers

DATE: JAN 2022  
SCALE: 1:85,000  
PROJECT ID: PR-2065521

**AECOM** Figure 1

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**From:** [Lauren Whitwham](#)  
**To:** [environment@oneida.on.ca](mailto:environment@oneida.on.ca)  
**Cc:** [Kevin Benube](#)  
**Subject:** Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, April 29, 2022 10:24:23 AM

---

Good morning Brandon,

Hope this finds you well. Kevin is on vacation this week but we wanted to ensure that we provided you with the Environmental Report for the proposed Panhandle Regional Expansion Project.

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing the Panhandle Regional Expansion Project (the project) to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

If approved by the Ontario Energy Board (OEB), proposed construction for the Panhandle Loop is targeted for 2023 while the Leamington Interconnect is targeted for 2024.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER has been prepared in accordance with the Ontario Energy Board's (OEB) Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016).

**Due to its size, I'm unable to attach the ER to this email. The Environmental Report, along with Appendices E and F (linked separately) can be viewed and downloaded via the Regulatory information tab on the Panhandle Regional Expansion Project webpage, at <https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion>.**

We are interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights. We would appreciate your review of the ER and the provision of any comments by Friday, June 10, 2022. Enbridge acknowledges that capacity support may be required

to enable you to engage in timely technical reviews of documents and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the project.

Kevin would appreciate the opportunity to meet with you to discuss the ER and review the potential environmental and socio-economic effects that may result from the project.

Thanks so much and feel free to reach out to Kevin with any questions or concerns,  
Lauren

**Lauren Whitwham**

Senior Advisor, Community & Indigenous Engagement, Eastern Region

Public Affairs, Communications & Sustainability

—

ENBRIDGE INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)

109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect. Inclusion.

From: [Kevin Barube](#)  
 Sent: May 26, 2022 9:26 AM  
 To: [Brandon Boutz](#)  
 Subject: FW: May 2022 Update: Enbridge Gas Projects

**CAUTION:** This email originated from outside of the Oneida Nation Of The Thames Organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Brandon,

I hope this finds you well.

Recognizing that there are many projects on the go from various different proponents, I wanted to put together a monthly email that provides the proposed Enbridge Gas "Leave to Construct" (LTC) projects along with some high level details of the status and important dates.

I am very open to changes that I can make to this chart that would better suit your needs. Please let me know and I'd be happy to adjust. Additionally, if there is other information that you would like on a monthly basis, please let me know.

Meegwetich,  
 Kevin

Enbridge Gas Proposed Project	Project Initiation	Project Status as of May 3, 2022	Outstanding Engagement Requests	Projected Ontario Energy Board (OEB) Filing date	Proposed Project Construction Timeline
Dawn Corunna Pipeline Project	April 13, 2021	Ongoing consultation Currently in the OEB regulatory process (EB-2022-0086) Stantec, on behalf of Enbridge Gas, is conducting field surveys	Seeking opportunities to review project submission	March 21, 2022 (submitted)	Spring 2023
Panhandle Regional Expansion Project	August 11, 2021	Ongoing consultation Environmental report released and seeking comments by Friday, June 10, 2022: <a href="https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion">https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion</a>	Seeking review and comment on the Environmental Report. Looking for opportunities to set up a meeting to review the potential environmental and socio-economic effects that may result from the project. Interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights	June 2022 (upcoming)	Spring 2023
Ridge Landfill Pipeline Project	March 1, 2022	Ongoing consultation	Seeking comments on the project, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights.	July 2022 (upcoming)	Spring 2023

Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the project.

---

**From:** Brandon Duxtator <environment@oneida.on.ca>  
**Sent:** Thursday, May 26, 2022 9:45 AM  
**To:** Kevin Berube <kevin.berube@enbridge.com>  
**Subject:** [External] RE: May 2022 Update: Enbridge Gas Projects

**CAUTION: EXTERNAL SENDER**

Were you expecting this email? TAKE A CLOSER LOOK Is the sender legitimate?  
DO NOT click links or open attachments unless you are 100% sure that the email is safe.

Good Day Kevin,

I hope you are doing well,

Thank you for this. I was wondering if we could set up a time to discuss these projects either next week or the week of June 6-10<sup>th</sup>. Our elections are coming up on June 18<sup>th</sup>, with the swearing in happening on July 8<sup>th</sup>.

I wanted to follow up about some engagement opportunities with the community on these projects.

Yaw<sup>^</sup>ko and have a great day,

*Brandon Duxtator*  
*Environment and Consultation Coordinator*  
*Oneida Nation of the Thames*  
C: 226-376-0316

---

**From:** [Kevin Berube](#)  
**To:** [Brandon Duxtator](#)  
**Subject:** RE: May 2022 Update: Enbridge Gas Projects  
**Date:** Thursday, May 26, 2022 11:43:12 AM

---

Boozhoo Brandon,

It must be an exciting time for the community with elections around the corner. I'm available the week of June 6 to come out and meet with you. How does Wednesday, June 8 work for you? if it works I'll make my travel arrangements.

Meegwetch,  
Kevin

**From:** [Lauren Whitwham](#)  
**To:** [environment@oneida.on.ca](mailto:environment@oneida.on.ca)  
**Cc:** [Kevin Berube](#)  
**Subject:** FW: Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, May 27, 2022 12:15:34 PM

---

Hi there Brandon,

Just wanted to send a friendly reminder that the environmental report for the Panhandle Regional Expansion Project is now available for Oneida Nation's review and comments. The link to the report is below.

We would appreciate any comments by Friday, June 10, 2022 however, we are happy to accept them at any point in the process. Additionally, if you require capacity funding to have this report reviewed by a third party, please reach out to Kevin.

Have a nice weekend.  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Dean Jacobs](#); [Janet Macbeth](#)  
**Subject:** Expression of Interest: Panhandle Regional Expansion Project  
**Date:** Wednesday, February 17, 2021 4:24:00 PM

---

Good afternoon Dean and Janet,

I just wanted to give you the heads up that today Enbridge opened an Expression of Interest (EOI) process for natural gas distribution service to serve all sectors in Essex County, including Windsor, LaSalle, Amherstburg, Tecumseh, Essex, Leamington, Lakeshore, Kingsville, and in western Chatham-Kent. The Panhandle Regional Expansion Project (the "Project") is considering alternatives that could provide 65,000 to 130,000 m<sup>3</sup>/hour of additional natural gas capacity. The development of this Project is contingent upon sufficient net market demand and approval of the Project by the Ontario Energy Board ("OEB"). If sufficient demand is demonstrated, Enbridge Gas will file a Leave to Construct application with the OEB.

This is all in the preliminary stages but I did want to make you aware of the potential for a project.

The EOI website is found here <https://www.enbridgegas.com/PanhandleRegionalExpansion>

Please let me know if you have any questions or concerns. I'd be happy to set up a call to discuss this or anything else.

Hope you are both keeping well,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Dean Jacobs](#); [Norma.Altiman@wifn.org](mailto:Norma.Altiman@wifn.org)  
**Cc:** [Matthew Cheqahno](#); [Janet Macbeth](#)  
**Subject:** Enbridge proposed project: Panhandle Transmission System  
**Date:** Friday, July 9, 2021 10:07:00 AM  
**Attachments:** [image003.png](#)

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Good morning,

I wanted to provide you with a heads up of a proposed project that Enbridge is looking at. Enbridge is currently conducting a review for increasing the capacity of Enbridge Gas' Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent, providing access to safe, reliable and affordable natural gas.

This proposed project would take place in the area of Chatham Kent – Essex region.

At this time, the project is in the preliminary stages and various options are being examined based on costs, environmental impact and construction timelines.

We sent the preliminary Project notification to the Ministry of Energy on June 29, 2021, asking them to assign us with the duty to consult. In the spirit of openness and transparency we wanted to inform you of this preliminary Project notification and begin the process of engaging your community early on the Project planning. Once we receive the formal delegation letter and have some additional preliminary details on project proposals, we will reach out with our preliminary plans for the Project and begin the process to discuss and obtain your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts to Aboriginal or treaty rights.



Please let me know if you have any questions or concerns. I'll be in touch on this project once we have more information available.

Thanks and best wishes.  
Lauren

**Lauren Whitwham**  
Senior Advisor, Community & Indigenous Engagement, Eastern Region



## Engagement on Projects

- Enbridge is committed to engaging with Walpole Island First Nation on the proposed projects throughout the Life Cycle of the asset
- As with all Enbridge projects, we are seeking your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts to Aboriginal or treaty rights
- Enbridge welcomes Walpole Island participation in environmental and archaeological field studies if there is interest
- Enbridge acknowledges the capacity support required to engage in timely technical reviews of the documents and to engage in meaningful engagement. As is our approach on all projects, we are prepared to provide capacity funding to support your team's work

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## Panhandle Regional Expansion Project

- Enbridge is currently conducting a review for increasing the capacity of Enbridge Gas' Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent, providing access to safe, reliable and affordable natural gas.
- This proposed project would take place in the area of Chatham Kent – Essex region.
- At this time, the project is in the preliminary stages and various options are being examined based on costs, environmental impact and construction timelines.

15



# Panhandle Regional Expansion Project



Explanatory note: Could not locate the record of correspondence. Followed up with WIFN in 6.17

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**From:** Janet Macbeth <[Janet.Macbeth@wifn.org](mailto:Janet.Macbeth@wifn.org)>  
**Sent:** Wednesday, November 10, 2021 2:12 PM  
**To:** Lauren Whitwham <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>  
**Subject:** [External] Catching up

**CAUTION: EXTERNAL EMAIL**

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

Hi Lauren,

I'm still trying to catch up on many different files, but I wanted to try to set up a virtual meeting for an update on Enbridge's current projects. Do you have time next Monday (15th) or after 2pm on the 17th?

Thanks,  
Janet

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**From:** Lauren Whitwham <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>

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**Sent:** November 10, 2021 2:15 PM  
**To:** Janet Macbeth <[Janet.Macbeth@wifn.org](mailto:Janet.Macbeth@wifn.org)>  
**Subject:** RE: Catching up

Hi Janet,

Thanks for the note.

I'm available on Monday from 3-5 and Wednesday (17) from 2-3.

Hopefully one of those times work for you.

Thanks,  
Lauren

---

**From:** Janet Macbeth <[Janet.Macbeth@wifn.org](mailto:Janet.Macbeth@wifn.org)>  
**Sent:** Wednesday, November 10, 2021 3:01 PM  
**To:** Lauren Whitwham <[Lauren.Whitwham@enbridge.com](mailto:Lauren.Whitwham@enbridge.com)>  
**Subject:** [External] Re: Catching up

**CAUTION: EXTERNAL EMAIL**

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

Hi Lauren,

Let's try Monday at 3pm.

Thanks,  
Janet

**From:** Lauren Whitwham <Lauren.Whitwham@enbridge.com>

**Sent:** Wednesday, November 10, 2021 3:07:34 PM

**To:** Janet Macbeth <Janet.Macbeth@wifn.org>

**Subject:** RE: Catching up

Perfect. I can put together some slides and send them over to you.

Did you want me to send a MS Teams invite or will you be sending over a virtual invite?

Thanks,

Lauren

---

**From:** [Janet Macbeth](#)  
**To:** [Lauren Whitwham](#)  
**Subject:** [External] Re: Catching up  
**Date:** Wednesday, November 10, 2021 3:14:46 PM

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**CAUTION: EXTERNAL EMAIL**

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

Please send me an invite.

Thanks,

Janet

**From:** [Lauren Whitwham](#)  
**To:** [Janet Macbeth](#)  
**Bcc:** [Lauren Whitwham](#)  
**Subject:** Slides for our meeting on November 15  
**Date:** Friday, November 12, 2021 11:10:00 AM  
**Attachments:** [Enbridge Projects update Nov 12.pdf](#)

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Hi Janet,

Happy Friday!

Please find attached some slides for our discussion on Monday. I have included information the proposed projects that Enbridge has in the works and they are the 2022 Storage Enhancement, Coveny and Kimball Colinville, Dawn Corunna and Panhandle Regional Expansion Projects.

I look forward to chatting with you on Monday. Enjoy your weekend.

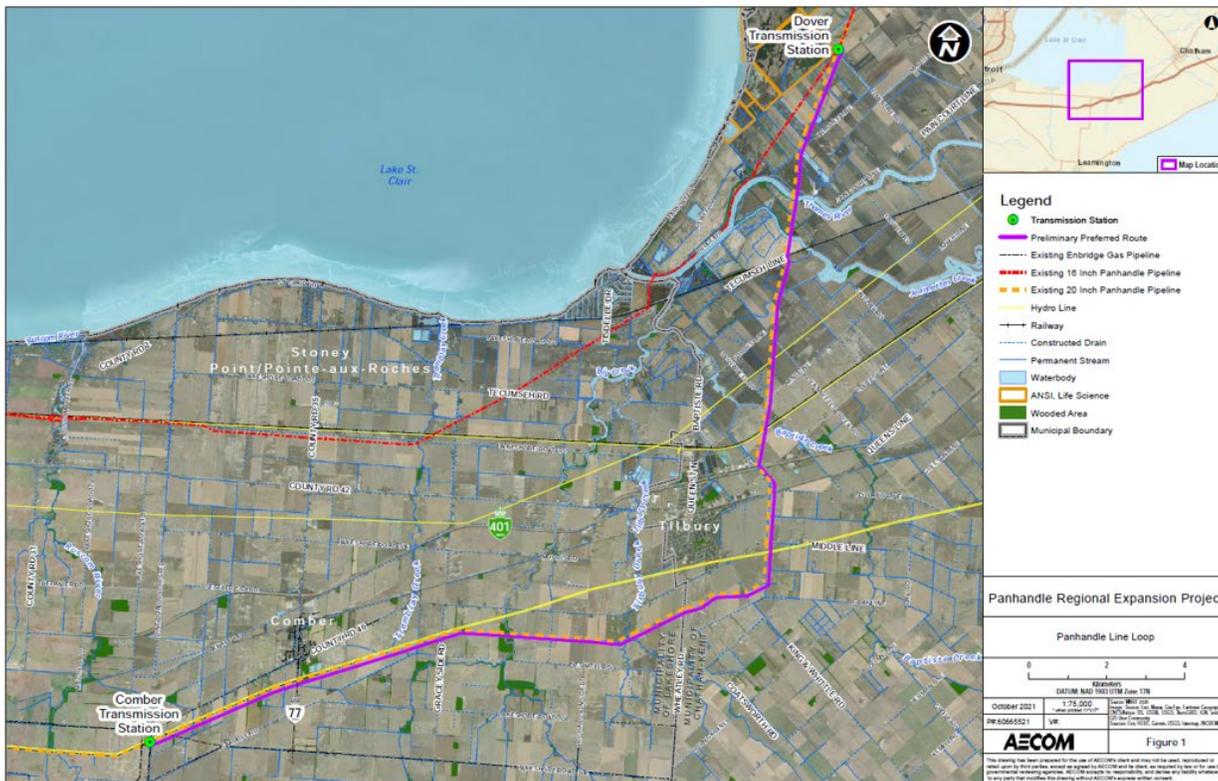
Lauren



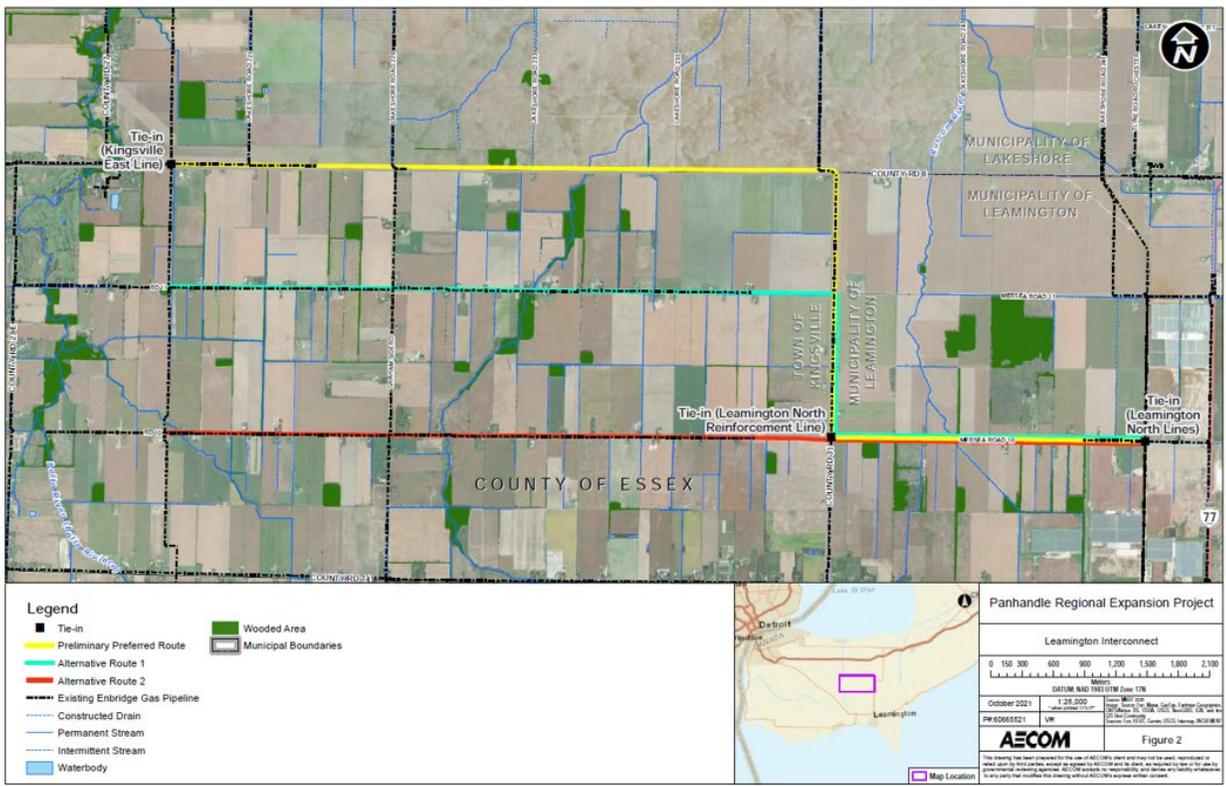
# Panhandle Regional Expansion Project

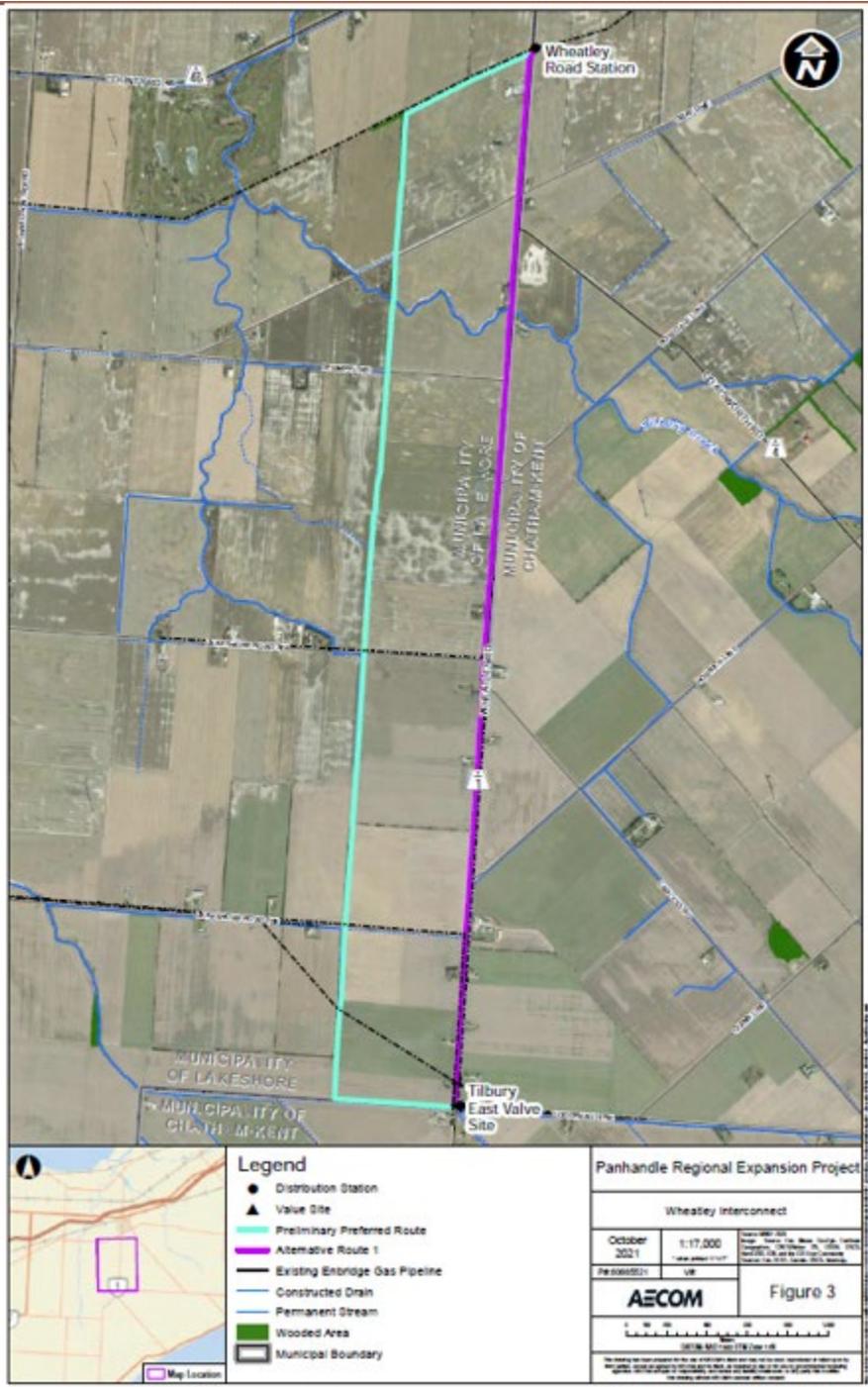
- Approximately 23 kilometres (km) of new pipeline looping the existing 20-inch Panhandle Pipeline. The new pipeline will be up to 42 inches in diameter and located adjacent to an existing pipeline corridor between Comber and Dover Transmission Stations.
- Construction of a new 16-inch pipeline adjacent to or within existing road rights-of-way on public or private property to connect the Leamington North Line to both the Kingsville East Line and Leamington North Reinforcement Line. The pipeline is approximately 12 km in length.
- Construction of a new 16-inch pipeline to connect the Tilbury East Valve Site to the Wheatley Road Station. The pipeline is approximately 6 km and will be located adjacent to or within existing road rights-of-way on public or private property.
- Virtual Open House will be available at 5 p.m. on November 17, until December 3.

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**From:** [Lauren Whitwham](#)  
**To:** [Janet Macbeth](#)  
**Subject:** Open House Slides for Panhandle Project  
**Date:** Thursday, November 18, 2021 8:35:57 AM  
**Attachments:** [2021-11-12-Final Panhandle Virtual Open House Full Slides.pdf](#)

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Good morning Janet,

The Virtual Open House for the Panhandle Regional Expansion Project went live last night and will be open for the next two weeks. I've attached the VOH slide deck for you and included the link for the open house here: <https://www.virtualengagement.ca/panhandle>

If you have any questions and comments about the Open House slides, you can submitted on the VOH website or send them directly to me.

Looking forward to discussing this project with you in the months to come. I will reach out in the new year to set up a meeting.

Thanks,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Dean Jacobs](#)  
**Subject:** Virtual meeting to discuss Enbridge Gas Projects  
**Date:** Monday, January 10, 2022 2:51:53 PM

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Hi Dean,

I was hoping we could set up a call in the next week or two so that I can bring you up to date on some ongoing project. If you could provide me with some dates and times that work best for you, I'll work to accommodate my schedule.

I would be discussing with you:

- 2022 Storage Enhancement
- Coveny and Kimball Colville Well Drilling Project
- Dawn Corunna
- Panhandle Regional Expansion Project

We can also touch base on the projects that have recently been completed or are to be completed in 2022.

Looking forward to hearing from you,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Janet Macbeth](#); [Dean Jacobs](#)  
**Subject:** Virtual Open House #2 - Panhandle Regional Expansion Project  
**Date:** Wednesday, January 26, 2022 3:58:26 PM  
**Attachments:** [Virtual Open House 2 Panhandle WIEN.pdf](#)

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Good afternoon Janet and Dean,

Hope this finds you both well.

A key part of the planning process for our Panhandle Regional Expansion Project involves consultation with Indigenous Communities, local landowners, government agencies and other interested parties that could be impacted by the project.

A second virtual information session is planned to provide interested parties with an update on the project, along with an opportunity to learn about and comment on the proposed preferred routes for the Panhandle Loop, Leamington Interconnect, Wheatley Lateral Reinforcement (former Wheatley Interconnect segment) and preliminary preferred routes for the distribution pipelines. It will also provide an overview of the planning process and studies completed. We are interested in your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on your Aboriginal or treaty rights. Input received will help to confirm the selection of the preferred routes and to develop site-specific environmental protection or mitigation measures

The Virtual Open House #2 will be available from 5 p.m. on February 14, 2022 until February 28, 2022 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle) .

We will also provide you with a PDF copy of the slides used in the VOH #2 and if easier, we can send a hardcopy via post. Please let us know what works best for you and your Nation.

If you require capacity funding in order to participate or review the Virtual Open House, please let me know as we are happy to provide this to you.

Please let me know if you have any questions or concerns.

Take care and talk soon,  
Lauren



Enbridge Gas Inc.  
109 Commissioners Road W.  
London, ON N6A4P1

January 26, 2022

Janet Macbeth  
Project Review Coordinator  
Bkejwanong (Walpole Island First Nation)  
2185 River Rd N.  
Wallaceburg, ON N8A 4K9

Dear Janet Macbeth:

**Regarding: Notice of Second Virtual Information Session for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. As part of the proposed Panhandle Regional Expansion Project, Enbridge Gas has conducted a route analysis and selection process to determine the preferred routes, which include constructing the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville and the Municipality of Leamington.
- **Several distribution pipelines** varying in diameter and length to connect new large-volume customers to the Panhandle Transmission System. Please see below for further details on these pipelines.

A preliminary preferred route was presented for the Panhandle Loop and a preliminary preferred route and alternative routes were presented for the Leamington Interconnect during the first virtual information session, held between November 17 and December 3, 2021. Upon consideration of the feedback received during the session, the proposed routes were evaluated further, which has resulted in the selection of preferred routes found in **Figures 1 and 2** attached to this letter. In addition, since the first virtual information session, preliminary preferred routes for the proposed distribution pipelines have also been selected and will be presented in a second virtual information

session along with the preferred routes for the Panhandle Loop and Leamington Interconnect (see below for further details). The Wheatley Interconnect, which was previously presented during the first virtual information session, is now represented with the other distribution lines and this segment of pipeline has been selected as the preferred route. The distribution lines include:

- **Talbot Road Reinforcement:** Construction of a new distribution pipeline up to 8 inches in diameter travelling adjacent to or within an existing road allowance on public or private property along Talbot Road East in the Municipality of Leamington (Figure 3). The pipeline will be approximately 3.2 km in length.
- **Oak Street and Essex Road 33 Reinforcement:** Construction of a new distribution pipeline up to 6 inches in diameter travelling adjacent to or within existing road allowances on public or private property along Oak Street East and County Road 33 in the Municipality of Leamington (Figure 3). The pipeline will be approximately 1.9 km in length.
- **Wheatley Lateral Reinforcement (formerly Wheatley Interconnect):** Construction of a new distribution pipeline up to 8 inches in diameter starting from Enbridge Gas' Wheatley Road station and travelling west then south in an easement on private property to Goodreau Line. The pipeline will then travel east to a new proposed station at the intersection of Wheatley Road and Goodreau Line (preferred route). From this location, the new distribution line would travel east along Goodreau Line before turning southeast on Coatsworth Road to Talbot Trail (preliminary preferred route) (Figure 4). The pipeline will be approximately 16.1 km in length and all new pipelines on Goodreau Line and Coatsworth Road would either travel adjacent to or within existing road allowances on public or private property.

AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*. The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022 and will include both the transmission and distribution components of this project. OEB review and approval is required before this project can proceed. Construction is planned to begin as early as spring of 2023.

A key part of the planning process involves consultation with Indigenous and Métis Communities, local landowners, government agencies and other interested parties that could be impacted by the project. A second virtual information session is planned to provide interested parties with an update on the project, along with an opportunity to learn about and comment on the proposed preferred routes for the Panhandle Loop, Leamington Interconnect, Wheatley Lateral Reinforcement (former Wheatley Interconnect segment) and preliminary preferred routes for the distribution pipelines. It will also provide an overview of the planning process and studies completed. Input received will help to confirm the selection of the preferred routes and to develop site-specific environmental protection or mitigation measures.

The purpose of this letter is to provide an update on the latest developments of the project, as well as to invite you to attend the second virtual information session and provide feedback in a format that is convenient for you:

Virtual Information Session #2	
Date:	Materials will be available from 5 p.m. on February 14, 2022 until February 28, 2022.
Website:	<a href="http://www.virtualengagement.ca/panhandle">www.virtualengagement.ca/panhandle</a>

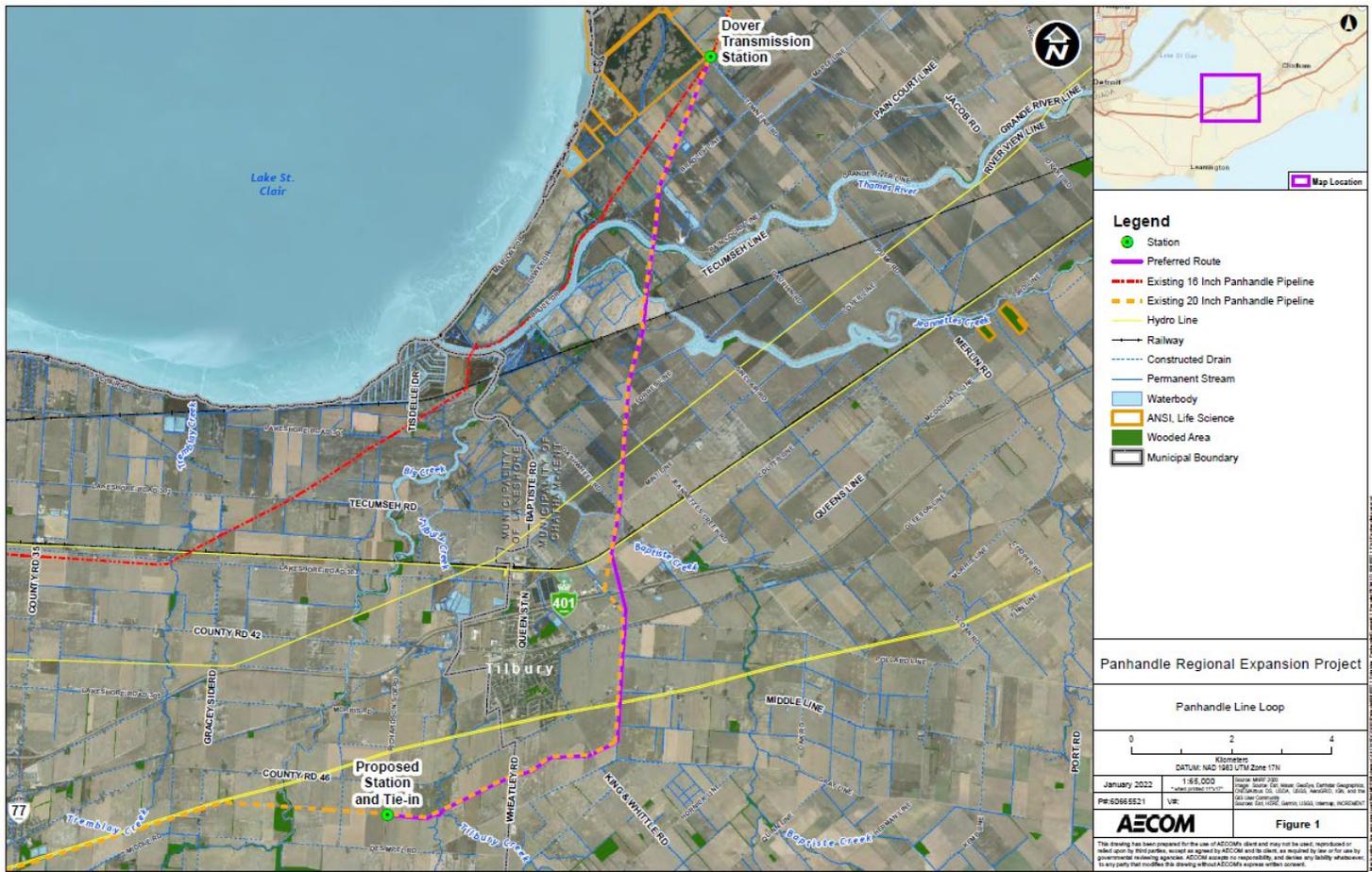
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

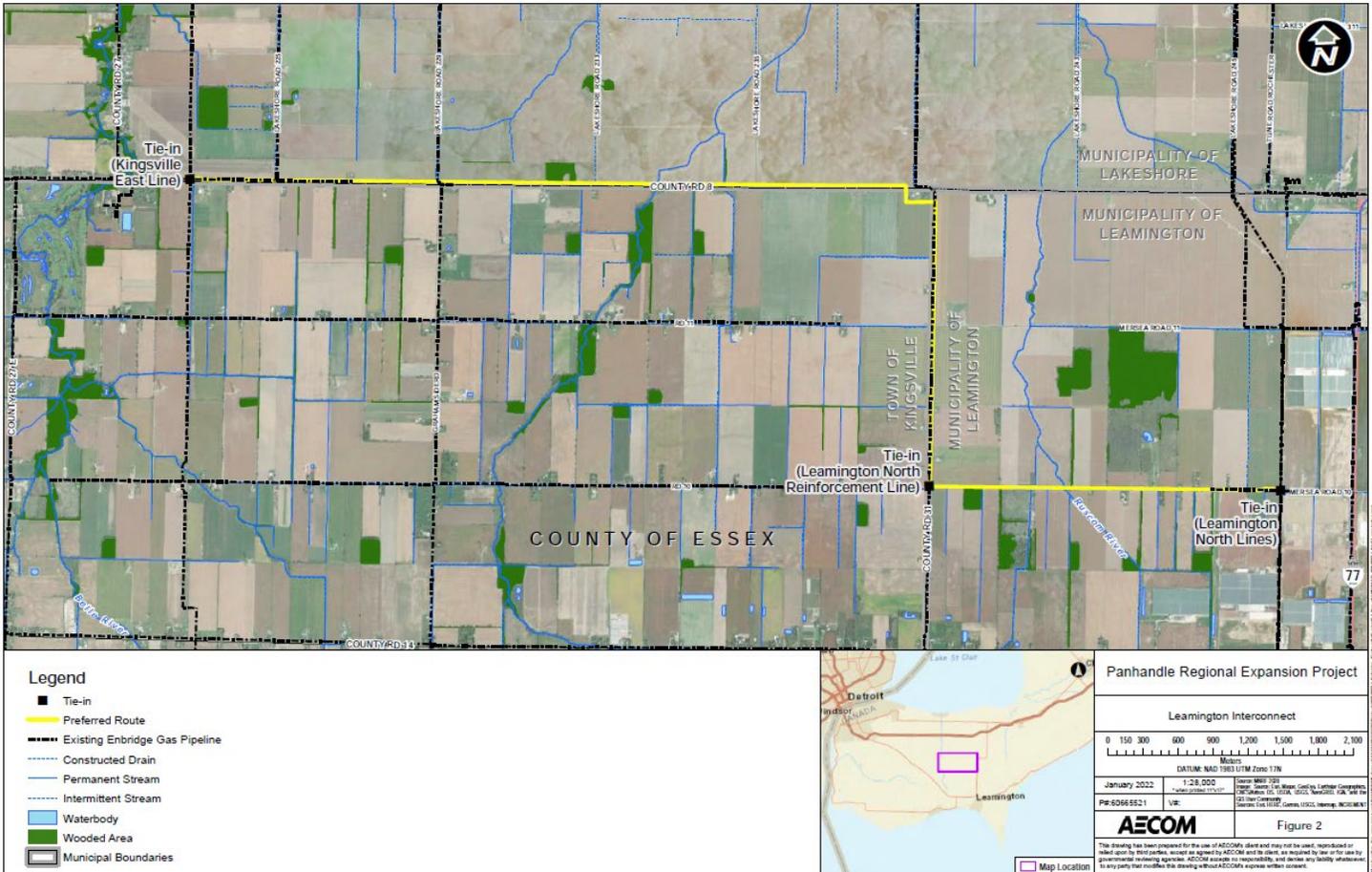
Sincerely,

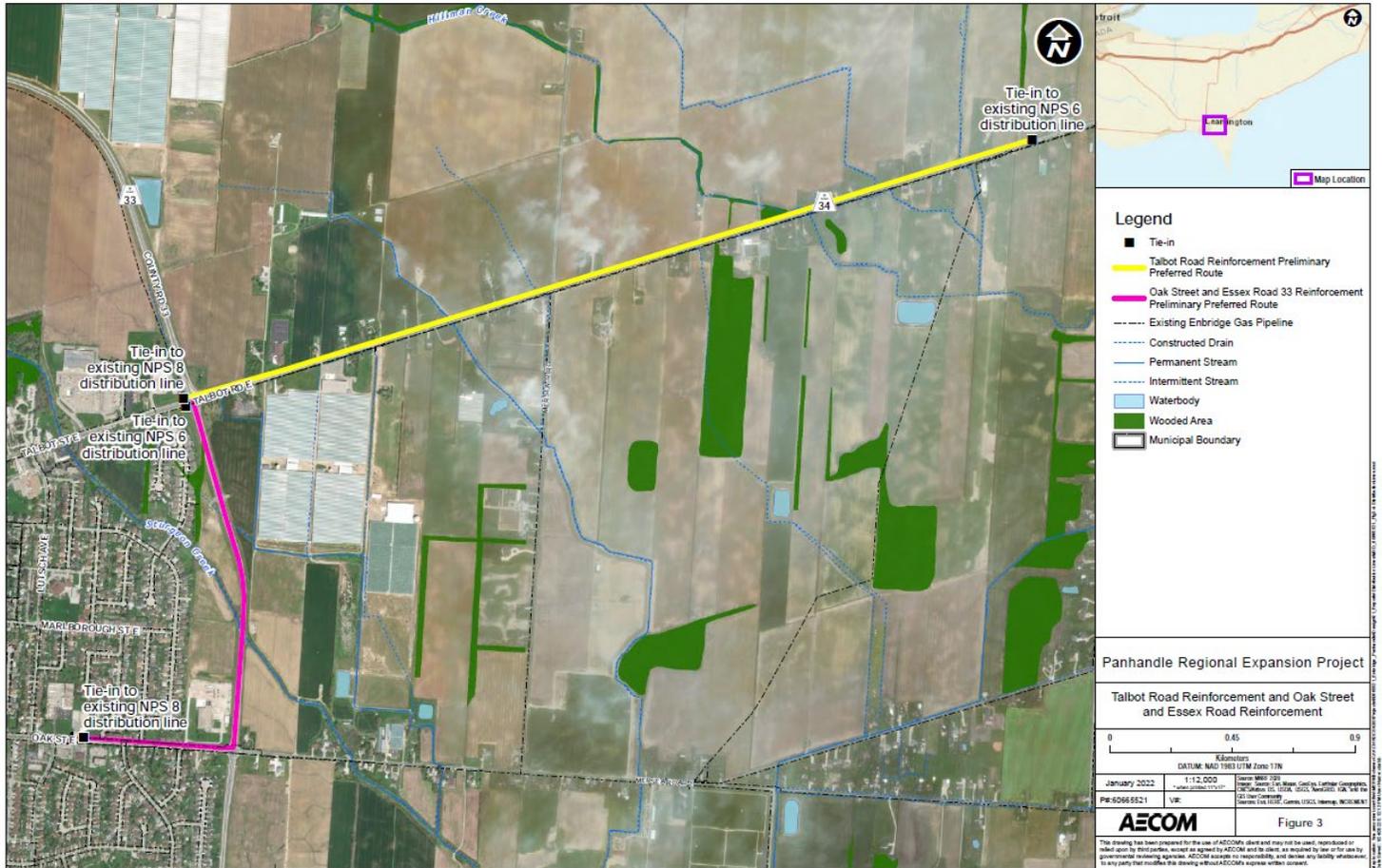


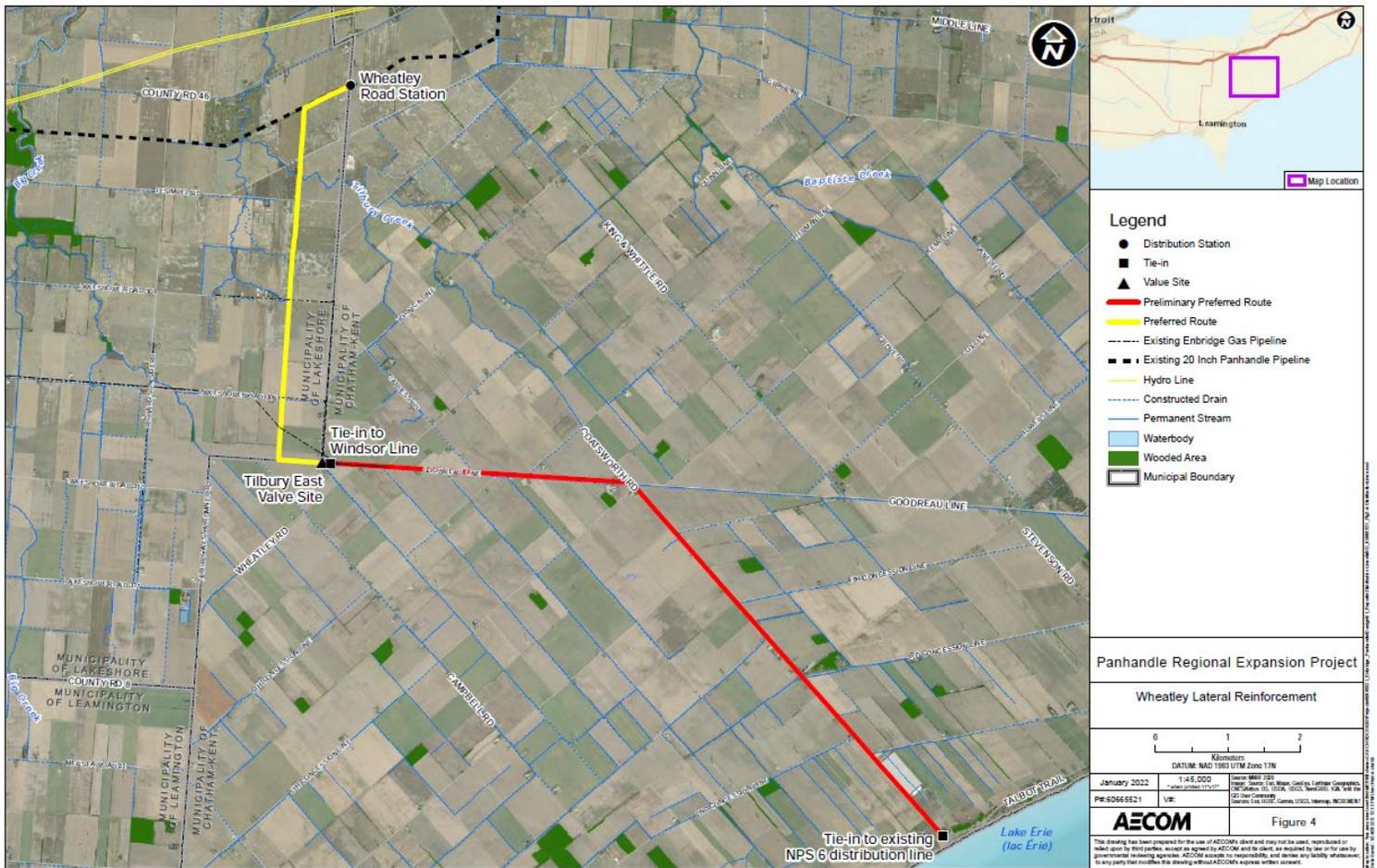
Lauren Whitwham  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Lauren.Whitwham@enbridge.com  
Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.  
Mark Van der Woerd – AECOM  
Kristan Washburn – AECOM









To: [Janet Macbeth](#), [Dean Jacobs](#)  
 Subject: Follow up from Call  
 Date: Thursday, January 27, 2022 2:56:56 PM  
 Attachments: [Enbridge Proposed Projects Jan 2022 WIFN.pdf](#)

Hi there,

Thanks so much for the call today. It was nice to touch base.

As we discussed, I made some changes to the chart to capture the status of the engagement on the Projects. I left questions back to you on next steps.

Once I get the Enbridge Gas responses to the Coveny and Kimball Colinville and Dawn Corunna ER review comments, I'll send them right over to you. I'm available for any questions, comments or concerns you might have after reviewing the responses back.

As for the Panhandle Project, if you'd like to send the VOH slides to Neegan Burnside, please provide me with a quote for the services. We are happy to provide capacity funding for the technical review of any documents. The Environmental report will be close to the size of the Dawn to Corunna Project if that helps with planning.

I have asked Richard Brant to reach out with the information on the types of work that comes from our projects and how our procurement process works. He has Janet's email and will reach out directly.

Attached you will find the slides that we reviewed.

Again, thank you so much and I look forward to chatting with you soon,

Best,  
 Lauren

Project	Project Kick-Off	Regulatory Status	Engagement Status
2022 Storage Enhancement	June 8, 2021	Ministry of Energy will be reaching out to discuss	Enbridge Gas responses to ER comments sent to WIFN Does WIFN have any questions or follow up?
Coveny and Kimball Colinville Well Drilling Project	June 8, 2021	Ministry of Energy will be reaching out to discuss	Enbridge Gas response to ER comments being drafted
Dawn Corunna Project	April 13, 2021	Filing with OEB February 2022	Enbridge Gas response to ER comments being drafted
Panhandle Regional Expansion Project	October 15, 2021	Virtual Open House #2 February 14 and February 28, 2022	Would WIFN require capacity funding to have VOH slides reviewed by 3 <sup>rd</sup> party?

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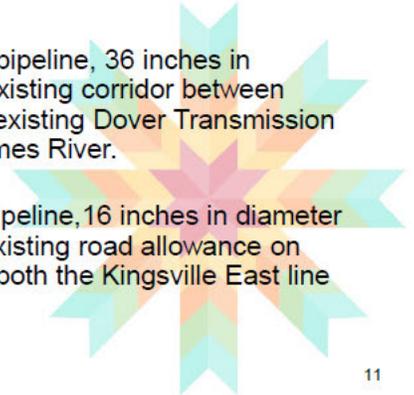
## Panhandle Regional Expansion Project



To serve an increased demand for energy in the region, Enbridge Gas is proposing to increase the capacity of our Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Lakeshore, Chatham-Kent, Windsor and all of Essex County. The project includes two transmission pipelines and three distribution pipelines:

### Two transmission pipelines:

1. **Panhandle Reinforcement:** Construction of a new natural gas transmission pipeline, 36 inches in diameter, 19 km in length. The new pipeline will be located adjacent to an existing corridor between Richardson Side Road in the Municipality of Lakeshore and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent. This project traverses the Thames River.
2. **Leamington Interconnect:** Construction of a new natural gas transmission pipeline, 16 inches in diameter and 12 km in length. The pipeline will be installed adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North lines to both the Kingsville East line and Leamington North Reinforcement line.



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## Panhandle Regional Expansion Project

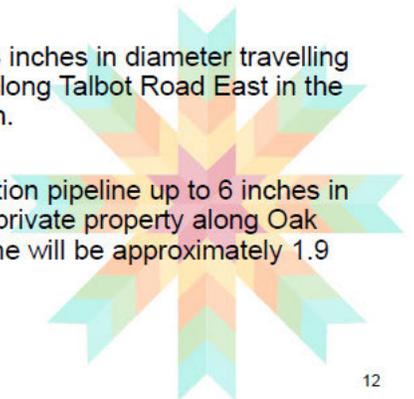


### Three distribution pipelines:

**Wheatley Lateral Reinforcement:** Construction of a new natural gas distribution pipeline, up to 8 inches in diameter and 16.1km in length. The distribution line will start from Enbridge Gas' Wheatley Road station then travel west then south in an easement on private property to Goodreau line. The pipeline will then travel east to a new proposed station at the intersection of Wheatley Road and Goodreau Line before turning southeast on Coatsworth Road to Talbot Trail, within existing road allowance.

**Talbot Road Reinforcement:** Construction of a new distribution pipeline up to 8 inches in diameter travelling adjacent to or within an existing road allowance on public or private property along Talbot Road East in the Municipality of Leamington. The pipeline will be approximately 3.2 km in length.

**Oak Street and Essex Road 33 Reinforcement:** Construction of a new distribution pipeline up to 6 inches in diameter travelling adjacent to or within existing road allowances on public or private property along Oak Street East and County Road 33 in the Municipality of Leamington. The pipeline will be approximately 1.9 km in length



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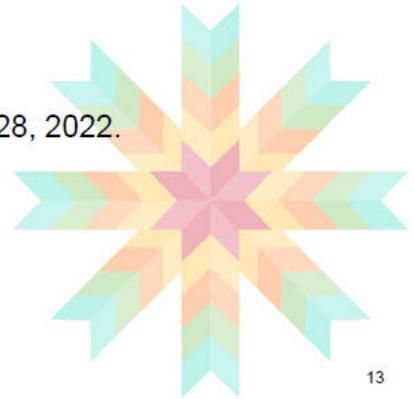
# Panhandle Regional Expansion Project



- Due to the scope of the project, the Ontario Energy Board (OEB) approval of the project is required prior to beginning construction.
- OEB application to be filed Q2 of 2022.
- If approved by the OEB, construction would begin in early 2023 and be complete by the end of 2023.

## Current project status:

- In the consultation phase and seeking public feedback
- Virtual Open House #2 will occur between February 14 and February 28, 2022.

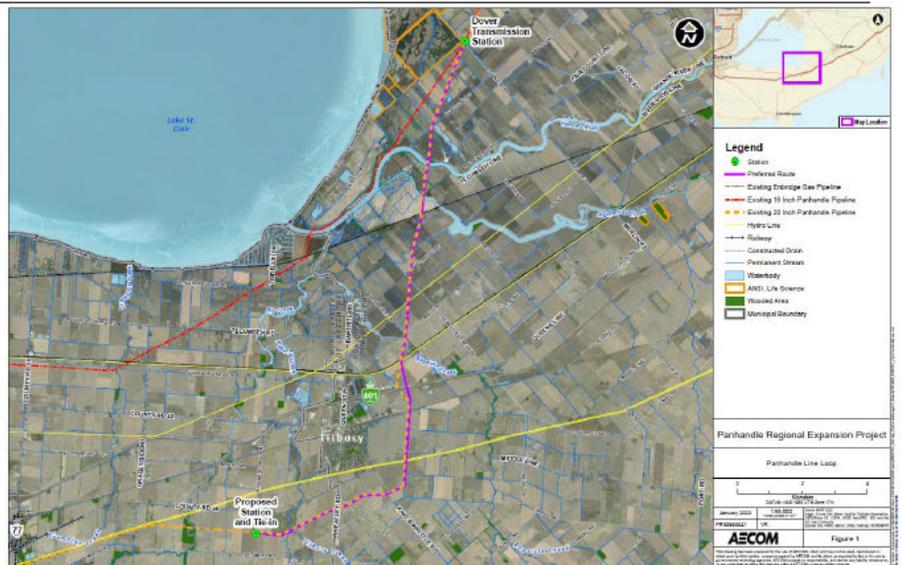


# Panhandle Regional Expansion Project



## Panhandle Reinforcement

- Construction of 19 km of new pipeline, looping the existing 20-inch Panhandle Pipeline.
- The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and the Dover Transmission Station, located at Balmoral Line and Town Line Road in the Municipality of Chatham-Kent.
- Preferred route

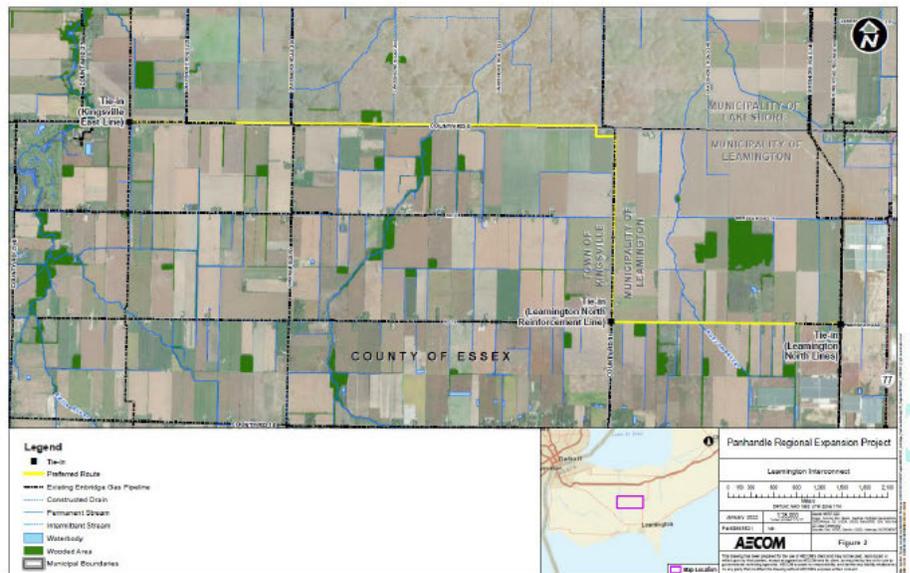


# Panhandle Regional Expansion Project



## Leamington Interconnect

- Construction of a new pipeline, 16 inches in diameter, adjacent to or within existing road rights-of way, on public or private property.
- This will connect the existing Leamington North Line to both the existing Kingsville East Line and Leamington North Reinforcement Line and be approximately 12 km in length
- Preferred route

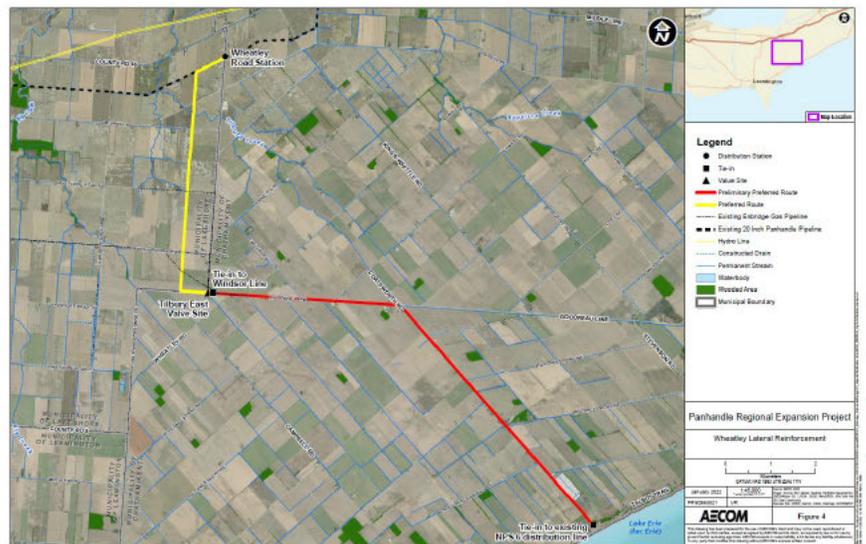


# Panhandle Regional Expansion Project



## Wheatley Lateral Reinforcement

- Construction of a new distribution line, up to 8 inches in diameter and 16.1km in length. The distribution line will start from Enbridge Gas' Wheatley Road station and travel to a new proposed station at the intersection of Wheatley Road and Goodreau Line. The distribution will then travel from the new station to Talbot Trail. All new pipelines on Goodreau Line and Coatsworth Road would either travel adjacent to or within existing road allowances.
- Preferred route (yellow) was presented during the first Virtual Information Session as a transmission line (Wheatley Interconnect) and now is distribution. Preliminary preferred route (red).

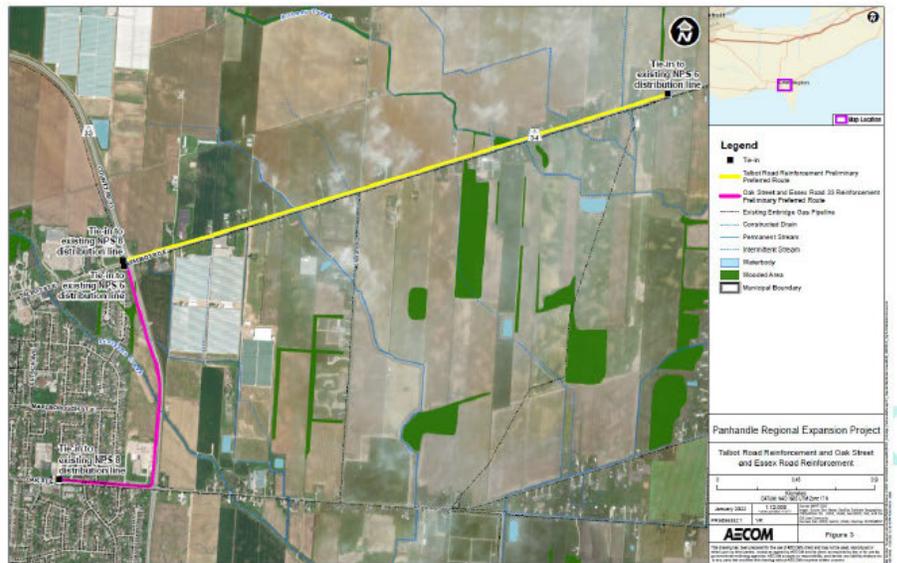


# Panhandle Regional Expansion Project



## Talbot Road Reinforcement and Oak Street and Essex Road 33 Reinforcement

- Distribution pipelines that will connect new large volume customers to the Panhandle Transmission System.
- Talbot Road Reinforcement: new distribution pipeline up to 8 inches in diameter travelling adjacent to or within road allowance along Talbot Road in Municipality of Leamington.
- Oak Street and Essex Road 33 Reinforcement: new distribution pipeline up to 6 inches in diameter traveling adjacent to or within road allowance along Oak Street and Essex Road 33 in Leamington.
- Preliminary preferred routes



**From:** [Lauren Whitwham](#)  
**To:** [Dean Jacobs](#); [Janet Macbeth](#)  
**Subject:** VOH#2 Slides - Enbridge Gas Panhandle Regional Expansion Project  
**Date:** Wednesday, February 16, 2022 8:43:06 AM  
**Attachments:** [2022-02-09-FINAL Panhandle Virtual Open House Full Slides-Enbridge Edits.pptx](#)

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Good morning,

Please find the slides for the VOH #2 for the Panhandle Regional Expansion Project.

The Virtual Open House #2 will be available from 5 p.m. on February 14, 2022 until February 28, 2022 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle) .

If you have comments on the slides, please feel free to send them my way.

Thanks so much,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Janet Macbeth](#)  
**Cc:** [Dean Jacobs](#)  
**Subject:** Scope change: Panhandle Regional Expansion Project  
**Date:** Monday, April 11, 2022 11:11:20 AM  
**Attachments:** [MAP\\_60665521\\_Fig2-Leamington.pdf](#)  
[MAP\\_60665521\\_Fig1-PanhandleLoop.pdf](#)  
[WIFN Scope Change PREP 3.pdf](#)

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Good morning Janet,

Hope this finds you well.

I wanted to provide you some information on the scope change for our Panhandle Regional Expansion Project. Please find attached a letter explaining it along with two maps to provide further details.

The environmental report will be ready, hopefully, by months end. I'd like have a meeting with you to discuss the ER as well as the final scope of this project.

Is there some time available in mid-May that we can meet to discuss this project and provide some updates others?

Thanks so much,  
Lauren



Enbridge Gas Inc.  
109 Commissioners Road W.  
London, ON N6A4P1

April 8, 2022

Janet Macbeth  
Consultation Manager  
Bkejwanong (Walpole Island First Nation)  
2185 River Rd N.  
Wallaceburg, ON N8A 4K9

Dear Janet Macbeth:

**Regarding: Project Update for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

The preferred routes are found in **Figures 1 and 2** attached to this letter.

The purpose of this letter is to provide an update on the latest developments of the project.

Earlier in the project planning stages, the original scope of the project also included the Wheatley Lateral Reinforcement (formerly the Wheatley Interconnect). After the three pipeline segments were presented in the first virtual information session from November 17 – December 3, 2021, the Panhandle Loop and Leamington Interconnect were selected to continue in the planning process, while the Wheatley Lateral Reinforcement was downsized and aggregated with several additional customer-driven distribution pipelines proposed at the second virtual information session.

The Panhandle Loop, Leamington Interconnect, and the distribution lines (including the Wheatley Lateral Reinforcement, the Talbot Road Reinforcement, and the Oak Street and Essex Road 33 Reinforcement) were presented to the public and interested stakeholders in a second virtual information session from February 14 – 28, 2022. The following distribution lines presented at the second virtual information session will no longer be considered as part of Enbridge Gas' Panhandle Regional Expansion Project:

- Wheatley Lateral Reinforcement: After reassessment, the scope and timing of the proposed facility will be revisited at a later date.
- Talbot Road Reinforcement: After reassessment, the required timing for this distribution facility has changed and therefore it will not be included within the Panhandle Regional Expansion Project.
- Oak Street and Essex Road 33 Reinforcement: After reassessment, the required timing for this distribution facility has changed and therefore it will not be included within the Panhandle Regional Expansion Project.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)* and will:

- Outline the environmental planning process and regulatory framework;
- Develop a consultation program to receive input from interested and potentially affected parties;
- Identify and evaluate potential alternatives from undertaking the project;
- Select preferred routes that minimize potential environmental effects;
- Complete a detailed review of environmental features along the preferred routes and assess the potential environmental effects of the project on these features;
- Establish mitigation measures that may be used to minimize or eliminate potential environmental effects of the project; and
- Identify any necessary supplemental studies, monitoring, and contingency plans.

The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022. OEB review and approval is required before this project can proceed.

A key part of the planning process involved consultation with Indigenous communities, local landowners, government agencies and other interested parties that could be impacted by the project. Input received has helped confirm the selection of the preferred routes and to develop site-specific environmental protection and mitigation measures, which will be outlined in the ER.

Proposed construction for the Panhandle Loop is in 2023. The proposed timing of construction for the Leamington Interconnect presented at the first and second virtual information sessions has been tentatively changed to 2024.

If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

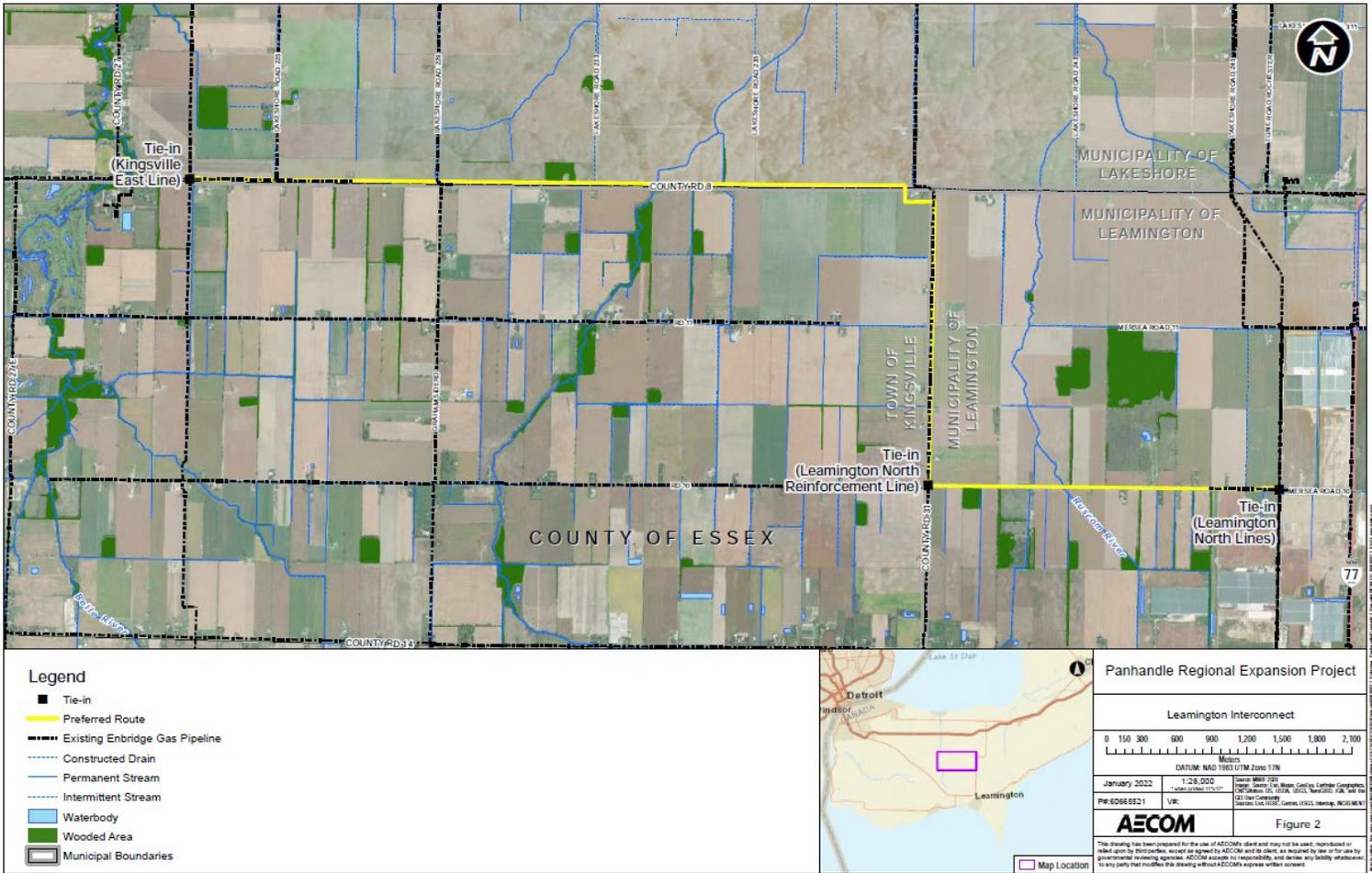
Sincerely,



Lauren Whitwham  
Sr. Advisor, Community & Indigenous  
Engagement Enbridge Gas Inc.  
Lauren.Whitwham@enbridge.co  
m Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.  
Mark Van der Woerd - AECOM  
Kristan Washburn - AECOM





**From:** [Lauren Whitwham](#)  
**To:** [Janet Macbeth](#)  
**Cc:** [Dean Jacobs](#)  
**Subject:** Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, April 29, 2022 10:09:44 AM

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Good morning Janet and Dean,

Hope this finds you well. The Environmental Report for the proposed Panhandle Regional Expansion Project is now available for review and comments.

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing the Panhandle Regional Expansion Project (the project) to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

If approved by the Ontario Energy Board (OEB), proposed construction for the Panhandle Loop is targeted for 2023 while the Leamington Interconnect is targeted for 2024.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER has been prepared in accordance with the Ontario Energy Board's (OEB) Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016).

**Due to its size, I'm unable to attach the ER to this email. The Environmental Report, along with Appendices E and F (linked separately) can be viewed and downloaded via the Regulatory information tab on the Panhandle Regional Expansion Project webpage, at <https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion>.**

We are interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights. We would appreciate your review of the ER and the provision of any comments by Friday, June 10, 2022. Enbridge acknowledges that capacity support may be required

to enable you to engage in timely technical reviews of documents and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the Projects. Please provide a quote or proposal for capacity funding when you have it available.

I would appreciate the opportunity to meet with you to discuss the ER and review the potential environmental and socio-economic effects that may result from the project. If you could provide some dates that fit within your schedule, that would be most helpful.

Thanks so much and feel free to reach out to me with any questions or concerns,  
Lauren

From: [Laurie Whelan](#)  
 To: [Dawn Jacobs](#), [Auree Marabetti](#), [Luisa Wightman](#)  
 Subject: May 2022 Update: Enbridge Gas Projects  
 Date: Friday, May 6, 2022 11:55 AM

Good morning,

Recognizing that there are many projects on the go from various different proponents, I wanted to put together a monthly email that provides the proposed Enbridge Gas "Leave to Construct" (LTC) projects along with some high level details of the status and important dates.

I am very open to changes that I can make to this chart that would better suit your needs. Please let me know and I'd be happy to adjust. Additionally, if there is other information that you would like on a monthly basis, please let me know.

Enbridge Gas Proposed Project	Project Initiation	Project Status as of May 3, 2022	Outstanding Engagement Requests	Projected Ontario Energy Board (OEB) Filing Date	Proposed Project Construction Timeline
Dawn Corunna Pipeline Project	April 13, 2021	Ongoing consultation Currently in the OEB regulatory process (EB-2022-0086) Stantec, on behalf of Enbridge Gas, is conducting field surveys	Seeking opportunities to review project submission	March 21, 2022 (submitted)	Spring 2023
Panhandle Regional Expansion Project	August 11, 2021	Ongoing consultation Environmental report released and seeking comments by Friday, June 10, 2022: <a href="https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion">https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion</a>	Seeking review and comment on the Environmental Report.  Looking for opportunities to set up a meeting to review the potential environmental and socio-economic effects that may result from the project. Interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights	June 2022 (upcoming)	Spring 2023
Ridge Landfill Pipeline Project	March 1, 2022	Ongoing consultation Virtual Open House running from April 25 to May 8, 2022: <a href="http://www.ridgefill.ca">www.ridgefill.ca</a>	Seeking comments on the project, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights.	July 2022 (upcoming)	Spring 2023
<p>Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the project.</p>					

**From:** [Lauren Whitwham](#)  
**To:** [Janet Macbeth](#); [Larissa Wrightman](#)  
**Subject:** FW: Enbridge Panhandle Project: Environmental Report ready  
**Date:** Monday, May 16, 2022 8:56:30 AM

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Good morning,

Just wanted to follow up on this as the Environmental report is available for comments. This is a big report so I can't attach it to the email but it can be downloaded at the link below.

As always, happy to provide capacity funding for the review and comment on this document. If you could please provide a quote, that would be great.

Let me know if you have any questions or concerns.

Thanks and have a good week.

Lauren

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**From:** Larissa Wrightman <larissa.wrightman@wifn.org>  
**Sent:** Monday, May 16, 2022 2:04 PM  
**To:** Lauren Whitwham <Lauren.Whitwham@enbridge.com>  
**Cc:** Janet Macbeth <Janet.Macbeth@wifn.org>; Norma Altiman <Norma.Altiman@wifn.org>  
**Subject:** [External] [WARNING: MESSAGE ENCRYPTED]Enbridge Panhandle Project Finalized Proposal

**CAUTION! EXTERNAL SENDER**

**Were you expecting this email? TAKE A CLOSER LOOK. Is the sender legitimate?**

**DO NOT click links or open attachments unless you are 100% sure that the email is safe.**

Good Afternoon Lauren,

Please find attached the finalized proposal to review the Enbridge Panhandle Project. Please reach out if you have any questions or comments.

Kind regards,

Larissa

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**From:** [Lauren Whitwham](#)  
**To:** [Larissa Wrightman](#)  
**Cc:** [Janet Macbeth](#); [Norma Altiman](#)  
**Subject:** RE: Enbridge Panhandle Project Finalized Proposal  
**Date:** Monday, May 16, 2022 2:11:00 PM

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Thanks so much Larissa,

I am happy to support the proposal for Panhandle project. If you see that costs are going over the proposed amount, please let me know in advance.

Thanks!

Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Larissa Wrightman](#)  
**Cc:** [Dean Jacobs](#); [Janet Macbeth](#)  
**Subject:** RE: Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, May 27, 2022 12:22:28 PM

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Hi Larissa,

As I'm sending out friendly reminder emails, I didn't want to leave you off the list. I know that Neegan Burnside is looking over the environmental report for the Panhandle Regional Expansion Project for review and comments. The link to the report is below.

We would appreciate any comments by Friday, June 10, 2022 however, we are happy to accept them at any point in the process. I look forward to receiving the comments back.

Have a nice weekend.

Lauren

**From:** [Lauren Whitwham](#)  
**To:** [Janet Macbeth](#); [Larissa Wrightman](#)  
**Cc:** [Dean Jacobs](#)  
**Subject:** October 15, 2021 email: Notice of the Enbridge Proposed Panhandle Regional Expansion Project  
**Date:** Monday, June 6, 2022 11:40:44 AM  
**Attachments:** [Panhandle Regional Expansion Project Maps.pdf](#)  
[Notice of Commencement Panhandle Walpole Island.pdf](#)  
[Proposed Panhandle Regional Expansion Project WIFN.pdf](#)

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Hi there,

In completing my OEB evidence for the Panhandle Regional Expansion Project, I cannot find the email that was sent to you on October 15, 2021 with the formal notice of the project. Either I missed sending it to you or it got caught in my email retention rules. We have been discussing this project going back to August 2021 and have met a number of times to discuss the scope but I wanted to ensure that these documents were sent to you.

I would like to set up a meeting to discuss the environmental and socio-economic effects that may result from the project. Interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights. If you had a number of dates to propose in July, we'd be happy to work with them.

Thanks and let me know if you have any questions.  
Lauren

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If you might recall, I sent an email back on August 11, 2021 letting you know of a potential proposed project to increasing the capacity of Enbridge Gas' Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent, providing access to safe, reliable and affordable natural gas.

Enbridge has decided to proceed with the proposed Panhandle Regional Expansion Project

Please find attached:

1. Letter about the Proposed Project
2. Study area map of the Proposed Project
3. Notice of Commencement which contains the Virtual Open House dates (November 17-December 3, 2021 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle))

We are interested in your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on your Aboriginal or treaty rights.

Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents, participation in field work associated with proposed projects, and to

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engage in meaningful consultation. As is our approach on all projects, we are prepared to provide capacity funding to support your team's work.

Thanks and have a good weekend,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [denise.stonefish@delawarenation.on.ca](mailto:denise.stonefish@delawarenation.on.ca)  
**Cc:** [gillian.brown2@Ontario.ca](mailto:gillian.brown2@Ontario.ca)  
**Subject:** Notice of the Enbridge Proposed Panhandle Regional Expansion Project  
**Date:** Friday, October 15, 2021 10:42:28 AM  
**Attachments:** [Panhandle Regional Expansion Project Maps.pdf](#)  
[Notice of Commencement Panhandle Moraviantown.pdf](#)  
[Proposed Panhandle Regional Expansion Project Delaware Nation at Moraviantown.pdf](#)

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Good morning Chief Stonefish,

Hope this finds you well. I'm not sure if your community has anyone who does consultation with proponents so I'm passing this along to you first. If you do, could you please pass this along to that person.

I wanted to make you aware of a project that Enbridge Gas is proposing. Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent.

Please find attached:

1. Letter about the Proposed Project
2. Study area map of the Proposed Project
3. Notice of Commencement which contains the Virtual Open House dates (November 17-December 3, 2021 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle))

We are interested in your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on your Aboriginal or treaty rights.

Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents, participation in field work associated with proposed projects, and to engage in meaningful consultation. As is our approach on all projects, we are prepared to provide capacity funding to support your team's work.

Thanks and have a good weekend,  
Lauren



Enbridge Inc  
109 Commissioners Road West,  
London, ON  
N6A4P1

Chief Denise Stonefish  
Eelūnaapèewii Lakhèewiit (Delaware Nation at Moraviantown)  
14760 School House Line  
Thamesville, ON N0P 2K0

October 15, 2021

Dear Chief Stonefish,

**Re: Notice of the Proposed Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The Panhandle Regional Expansion Project (the Project) includes the construction of the following:

- Approximately 23 kilometres (km) of new pipeline looping the existing 20-inch Panhandle Pipeline. The new pipeline will be up to 42 inches in diameter and located adjacent to an existing pipeline corridor between Comber and Dover Transmission Stations.
- Construction of a new 16-inch pipeline adjacent to or within existing road rights-of-way on public or private property to connect the Leamington North Line to both the Kingsville East Line and Leamington North Reinforcement Line. The pipeline is approximately 12 km in length.
- Construction of a new 16-inch pipeline to connect the Tilbury East Valve Site to the Wheatley Road Station. The pipeline is approximately 6 km and will be located adjacent to or within existing road rights-of-way on public or private property.

Where possible, the Project will be located within existing road allowances, utility corridors and rights-of-way. While a preliminary preferred Project route has not yet been determined Enbridge Gas anticipates that permanent easement and temporary working space and laydown areas may be required. Enbridge Gas will work with regulators and landowners to identify and secure appropriate working space and easements as required.

As part of the planning process for the Project, Enbridge Gas has and will retain an external consulting firm to undertake an Environmental Study of the construction and operation of the Project. The Environmental Study as required by the Ontario Energy Board's (OEB) *"Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)"*.



Enbridge Inc  
109 Commissioners Road West,  
London, ON  
N6A4P1

Enbridge Gas' preliminary work on the Project has identified the following potential authorizations:

Provincial:

- Ontario Energy Board;
- Infrastructure Ontario;
- Ministry of Transportation;
- Ministry of Heritage, Sports, Tourism and Culture Industries ("MHSTCI");
- Ministry of Environment, Conservation and Parks;
- Ministry of Indigenous Affairs; and
- Hydro One.

Municipal:

- The Municipality of Chatham-Kent;
- The County of Essex;
- The Town of Kingsville;
- The Municipality of Leamington;
- The Town of Tecumseh;
- The Municipality of Lakeshore; and
- The City of Windsor.

Other:

- Indigenous engagement;
- Landowner agreements;
- Lower Thames Valley Conservation Authority;
- Essex Region Conservation Authority; and
- Utility circulation.

We would like to consult with your community on the proposed Project. We are interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts the Project may have on your Aboriginal or treaty rights.

Enbridge Gas acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents, participation in field work associated with the Project, and to allow for meaningful consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the Project.

Enbridge Gas has been delegated the procedural aspects for consultation by the Ministry of Energy on behalf of Ontario. Ministry officials are also available should you wish to contact them directly with any questions or concerns. Please contact:



Enbridge Inc  
109 Commissioners Road West,  
London, ON  
N6A4P1

Gillian Brown  
Senior Advisor, Indigenous Energy Policy  
gillian.brown2@Ontario.ca

We would like to set up a meeting to discuss the Project with you to provide you with an opportunity to express any questions or concerns you have. Please feel free to contact me at [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com) or 519-852-3474 so we can set up a time to meet. You may also provide me with any feedback you may have regarding the Project in writing by November 19, 2021, if possible.

Many thanks,

A handwritten signature in black ink, appearing to read 'Lauren Whitwham', written in a cursive style.

Lauren Whitwham  
Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Enbridge Inc.  
519-852-3474  
Lauren.whitwham@enbridge.com



Enbridge Gas Inc.  
109 Commissioners Rd W.  
London, ON  
N6G4V7

October 15, 2021

Chief Denise Stonefish  
Eelūnaapèewii Lahkèewiit (Delaware Nation or Moravian of the Thames)  
14760 School House Line  
Thamesville, ON N0P 2K0

Dear Chief Denise Stonefish:

**Regarding: Project Commencement and Virtual Information Session for  
Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The Panhandle Regional Expansion Project includes the construction of the following:

- Approximately 23 kilometres (km) of new pipeline looping the existing 20-inch Panhandle Pipeline. The new pipeline will be up to 42 inches in diameter and located adjacent to an existing pipeline corridor between Enbridge Gas' Comber Transmission Station, located in the Municipality of Lakeshore, and its Dover Transmission Station, located in the Municipality of Chatham-Kent.
- Construction of a new pipeline up to 16 inches in diameter adjacent to or within existing road rights-of-way on public or private property to connect the Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line. The pipeline is approximately 12 km in length and would be located in both the Town of Kingsville and the Municipality of Leamington.
- Construction of a new pipeline up to 16 inches in diameter to connect the Tilbury East Valve Site to the Wheatley Road Station. The pipeline is approximately 6 km and will be located adjacent to or within existing road rights-of-way on public or private property either within the Municipality of Chatham-Kent or the Municipality of Lakeshore.

The location of the project and preliminary preferred routes for each segment are shown on the attached figures.

AECOM has been retained by Enbridge to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The report will outline potential pipeline route evaluations and plans for avoiding and/or mitigating any effects, where possible. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*. The ER will accompany a Leave-to-Construct application that will

be submitted to the OEB in the spring of 2022. OEB review and approval is required before this project can proceed. Construction of the project is planned to begin as early as spring of 2023.

A key part of the planning process involves consultation with Indigenous Communities, local landowners, government agencies and other interested parties that could be impacted by the project. A virtual information session is planned to provide interested parties an opportunity to learn and comment on the proposed routes. It will also provide an overview of the planning process and studies completed.

The purpose of this letter is to invite you to attend the virtual information session and provide feedback in a format that is convenient for you:

Virtual Information Session	
<b>Date:</b>	Materials will be available at 5 p.m. on November 17, and available until December 3.
<b>Website:</b>	<a href="http://www.virtualengagement.ca/panhandle">www.virtualengagement.ca/panhandle</a>

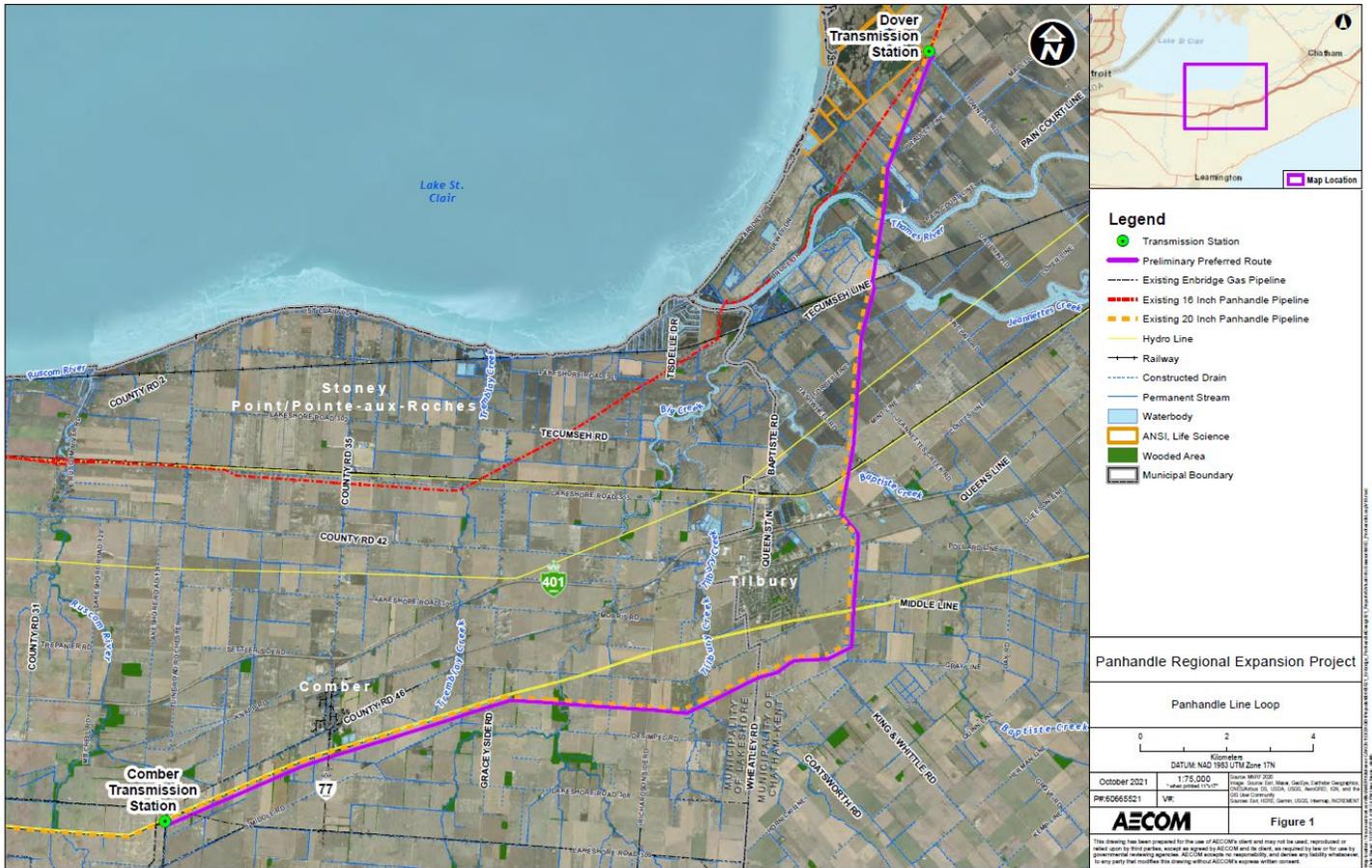
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

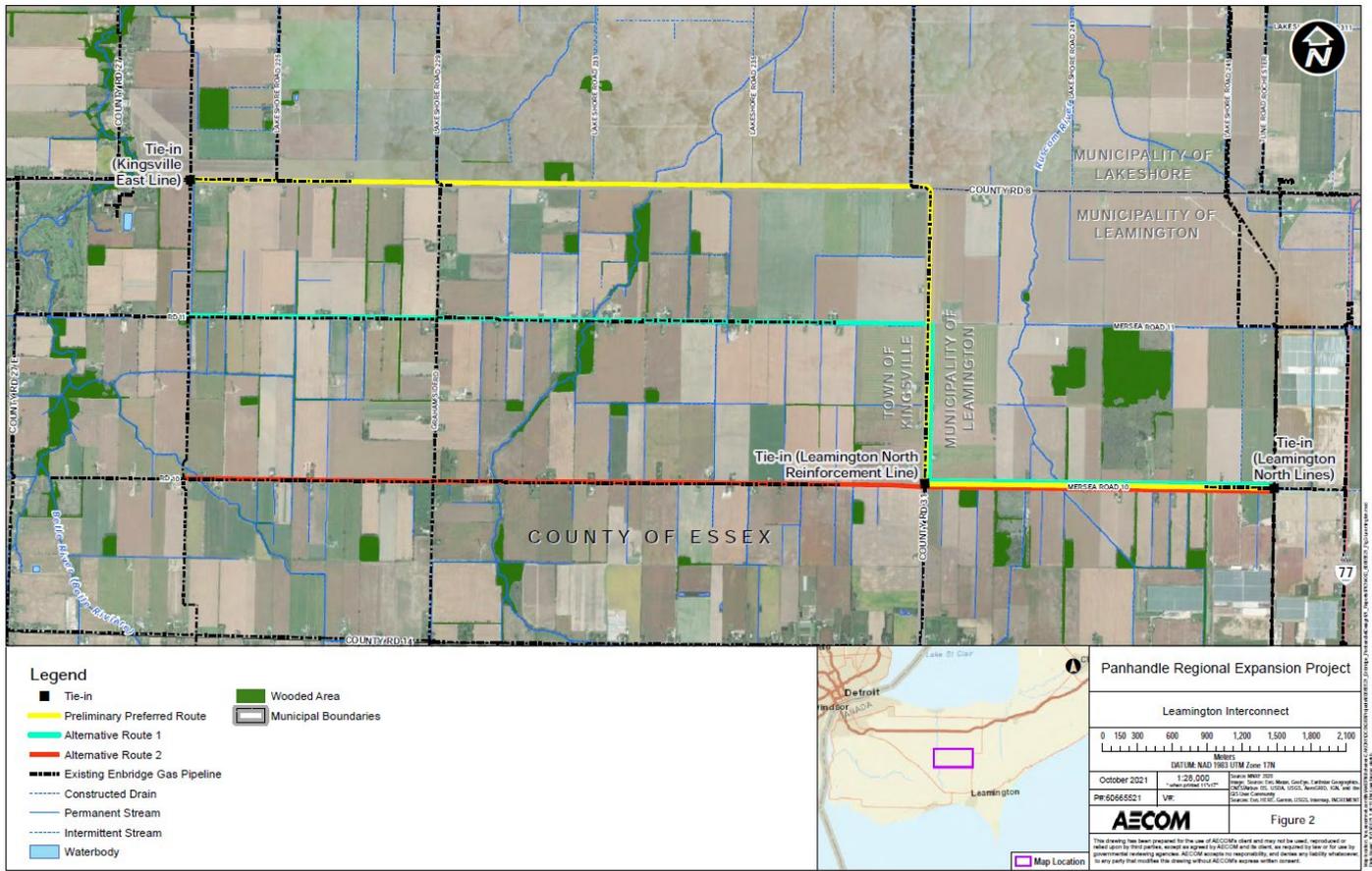
Sincerely,

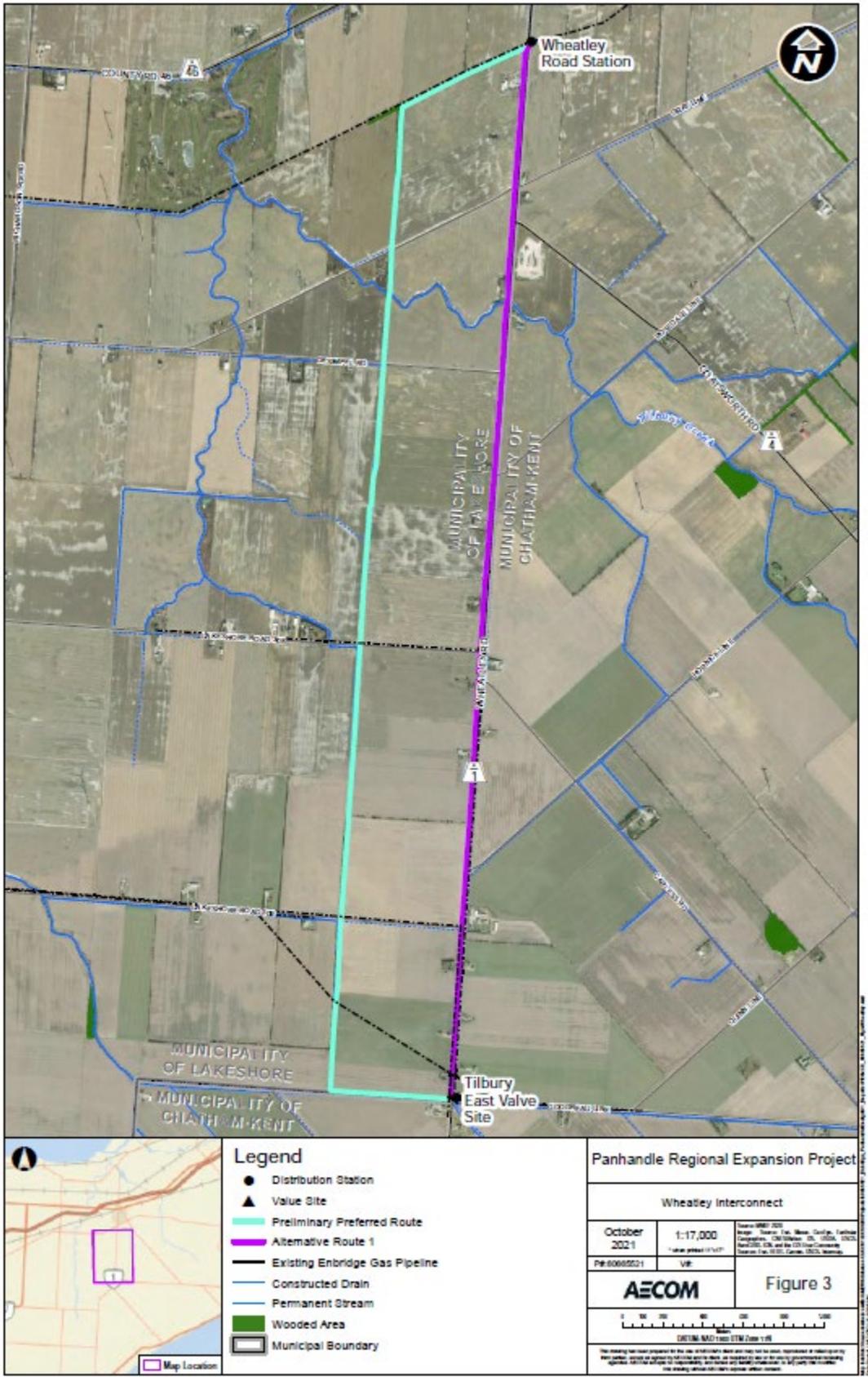


Lauren Whitwham  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Lauren.Whitwham@enbridge.com  
Phone: (519) 852-3474

CC: Evan Tomek - Enbridge Inc.  
Mark Van der Woerd - AECOM  
Kristan Washburn - AECOM







**From:** [Lauren Whitwham](#)  
**To:** [denise.stonefish@delawarenation.on.ca](mailto:denise.stonefish@delawarenation.on.ca)  
**Bcc:** [Lauren Whitwham](#); [panhandle@communica.ca](mailto:panhandle@communica.ca)  
**Subject:** Open House Slides for Panhandle Project  
**Date:** Thursday, November 18, 2021 8:34:00 AM  
**Attachments:** [2021-11-12-Final Panhandle Virtual Open House Full Slides.pdf](#)

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Good morning,

The Virtual Open House for the Panhandle Regional Expansion Project went live last night and will be open for the next two weeks. I've attached the VOH slide deck for you and included the link for the open house here: <https://www.virtualengagement.ca/panhandle>

If you have any questions and comments about the Open House slides, you can submitted on the VOH website or send them directly to me.

Looking forward to discussing this project with you in the months to come.

Thanks,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [denise.stonefish@delawarenation.on.ca](mailto:denise.stonefish@delawarenation.on.ca)  
**Subject:** Virtual Open House #2 - Panhandle Regional Expansion Project  
**Date:** Wednesday, January 26, 2022 4:30:09 PM  
**Attachments:** [Virtual Open House 2 Panhandle Delaware Nation.pdf](#)

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Good afternoon Chief Stonefish,

Hope this finds you well.

A key part of the planning process for our Panhandle Regional Expansion Project involves consultation with Indigenous Communities, local landowners, government agencies and other interested parties that could be impacted by the project.

A second virtual information session is planned to provide interested parties with an update on the project, along with an opportunity to learn about and comment on the proposed preferred routes for the Panhandle Loop, Leamington Interconnect, Wheatley Lateral Reinforcement (former Wheatley Interconnect segment) and preliminary preferred routes for the distribution pipelines. It will also provide an overview of the planning process and studies completed. We are interested in your community's feedback, including any suggestions or proposals on mitigating, avoiding or accommodating any potential impacts the Project may have on your Aboriginal or treaty rights. Input received will help to confirm the selection of the preferred routes and to develop site-specific environmental protection or mitigation measures

The Virtual Open House #2 will be available from 5 p.m. on February 14, 2022 until February 28, 2022 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle).

We will also provide you with a PDF copy of the slides used in the VOH #2 and if easier, we can send a hardcopy via post. Please let us know what works best for you and your Nation.

If you require capacity funding in order to participate or review the Virtual Open House, please let me know as we are happy to provide this to you.

Please let me know if you have any questions or concerns.

Take care,  
Lauren



Enbridge Gas Inc.  
109 Commissioners Road W.  
London, ON N6A4P1

January 26, 2022

Denise Stonefish  
Chief  
Eelūnaapèewii Lahkèewiit (Delaware Nation or Moravian of the Thames)  
14760 School House Line  
Thamesville, ON N0P 2K0

Dear Chief Denise Stonefish:

**Regarding: Notice of Second Virtual Information Session for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. As part of the proposed Panhandle Regional Expansion Project, Enbridge Gas has conducted a route analysis and selection process to determine the preferred routes, which include constructing the following:

- Panhandle Loop: Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- Leamington Interconnect: Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville and the Municipality of Leamington.
- Several distribution pipelines varying in diameter and length to connect new large-volume customers to the Panhandle Transmission System. Please see below for further details on these pipelines.

A preliminary preferred route was presented for the Panhandle Loop and a preliminary preferred route and alternative routes were presented for the Leamington Interconnect during the first virtual information session, held between November 17 and December 3, 2021. Upon consideration of the feedback received during the session, the proposed routes were evaluated further, which has resulted in the selection of preferred routes found in **Figures 1 and 2** attached to this letter. In addition, since the first virtual information session, preliminary preferred routes for the proposed distribution pipelines have also been selected and will be presented in a second virtual information

session along with the preferred routes for the Panhandle Loop and Leamington Interconnect (see below for further details). The Wheatley Interconnect, which was previously presented during the first virtual information session, is now represented with the other distribution lines and this segment of pipeline has been selected as the preferred route. The distribution lines include:

- Talbot Road Reinforcement: Construction of a new distribution pipeline up to 8 inches in diameter travelling adjacent to or within an existing road allowance on public or private property along Talbot Road East in the Municipality of Leamington (Figure 3). The pipeline will be approximately 3.2 km in length.
- Oak Street and Essex Road 33 Reinforcement: Construction of a new distribution pipeline up to 6 inches in diameter travelling adjacent to or within existing road allowances on public or private property along Oak Street East and County Road 33 in the Municipality of Leamington (Figure 3). The pipeline will be approximately 1.9 km in length.
- Wheatley Lateral Reinforcement (formerly Wheatley Interconnect): Construction of a new distribution pipeline up to 8 inches in diameter starting from Enbridge Gas' Wheatley Road station and travelling west then south in an easement on private property to Goodreau Line. The pipeline will then travel east to a new proposed station at the intersection of Wheatley Road and Goodreau Line (preferred route). From this location, the new distribution line would travel east along Goodreau Line before turning southeast on Coatsworth Road to Talbot Trail (preliminary preferred route) (Figure 4). The pipeline will be approximately 16.1 km in length and all new pipelines on Goodreau Line and Coatsworth Road would either travel adjacent to or within existing road allowances on public or private property.

AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*. The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022 and will include both the transmission and distribution components of this project. OEB review and approval is required before this project can proceed. Construction is planned to begin as early as spring of 2023.

A key part of the planning process involves consultation with Indigenous and Métis Communities, local landowners, government agencies and other interested parties that could be impacted by the project. A second virtual information session is planned to provide interested parties with an update on the project, along with an opportunity to learn about and comment on the proposed preferred routes for the Panhandle Loop, Leamington Interconnect, Wheatley Lateral Reinforcement (former Wheatley Interconnect segment) and preliminary preferred routes for the distribution pipelines. It will also provide an overview of the planning process and studies completed. Input received will help to confirm the selection of the preferred routes and to develop site-specific environmental protection or mitigation measures.

The purpose of this letter is to provide an update on the latest developments of the project, as well as to invite you to attend the second virtual information session and provide feedback in a format that is convenient for you:

Virtual Information Session #2	
Date:	Materials will be available from 5 p.m. on February 14, 2022 until February 28, 2022.
Website:	<a href="http://www.virtualengagement.ca/panhandle">www.virtualengagement.ca/panhandle</a>

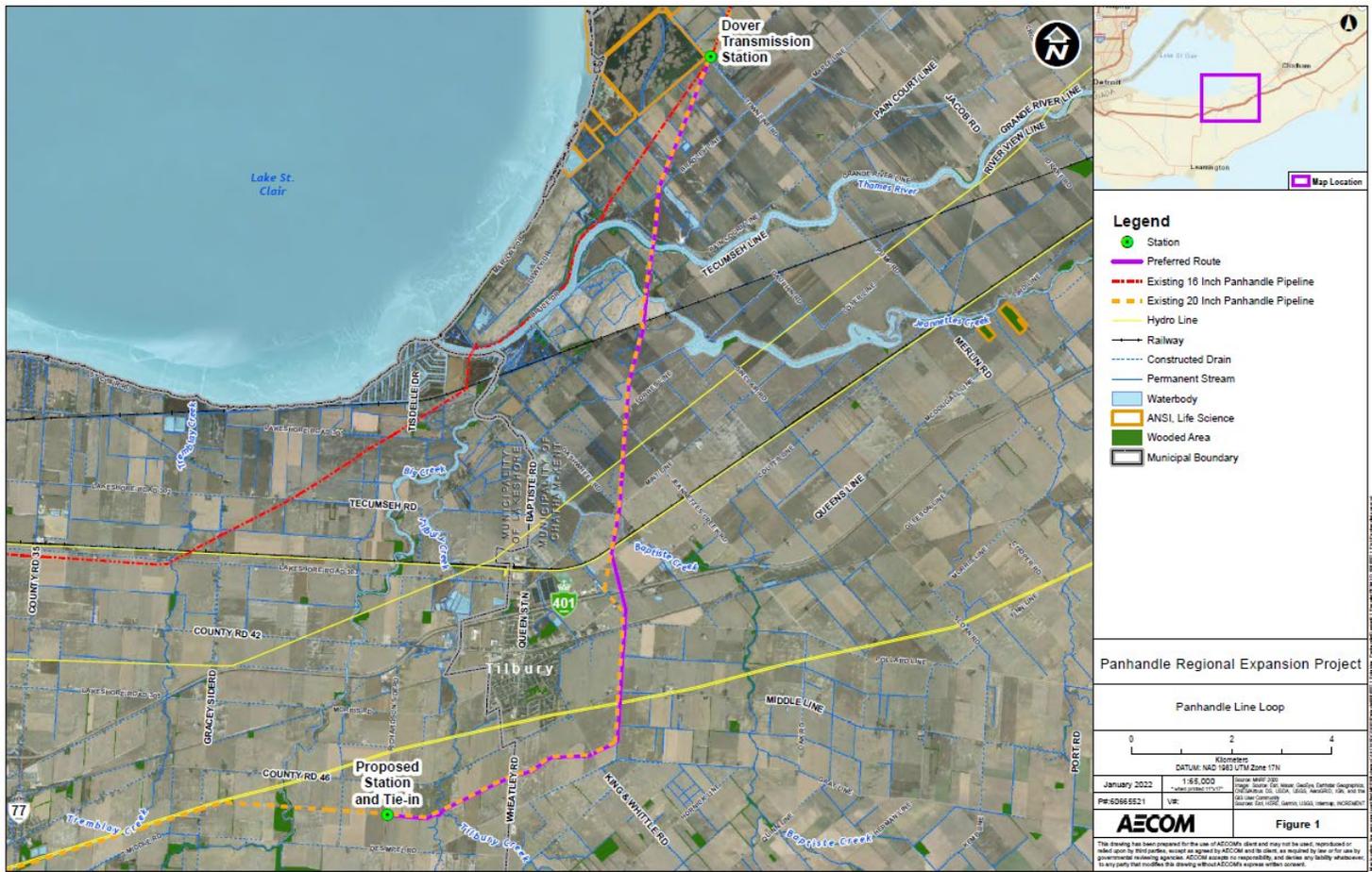
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

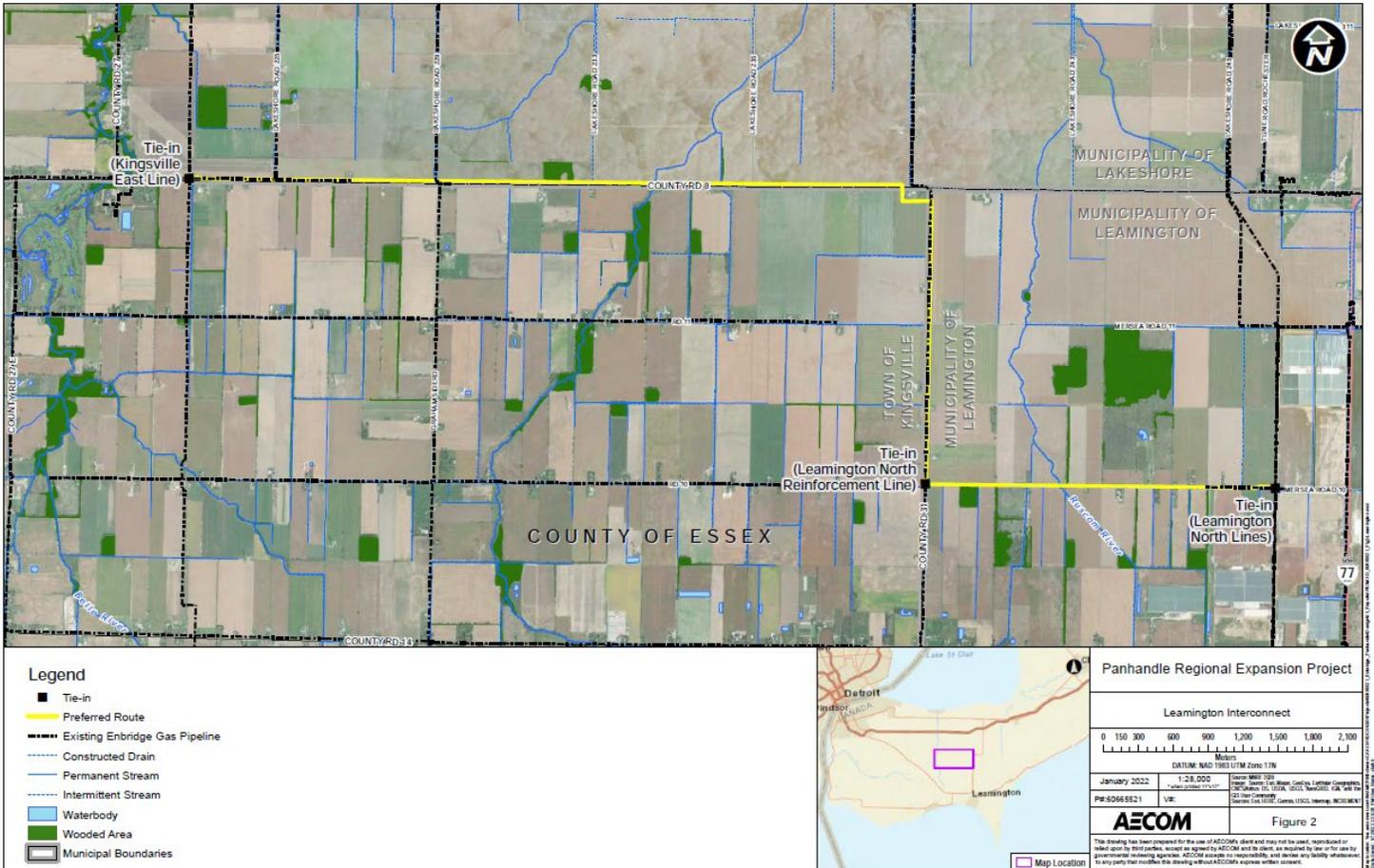
Sincerely,



Lauren Whitwham  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Lauren.Whitwham@enbridge.com  
Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.  
Mark Van der Woerd – AECOM  
Kristan Washburn – AECOM





- Legend**
- Tie-in
  - Preferred Route
  - Existing Enbridge Gas Pipeline
  - Constructed Drain
  - Permanent Stream
  - Intermittent Stream
  - Waterbody
  - Wooded Area
  - Municipal Boundaries



**Panhandle Regional Expansion Project**

**Leamington Interconnect**

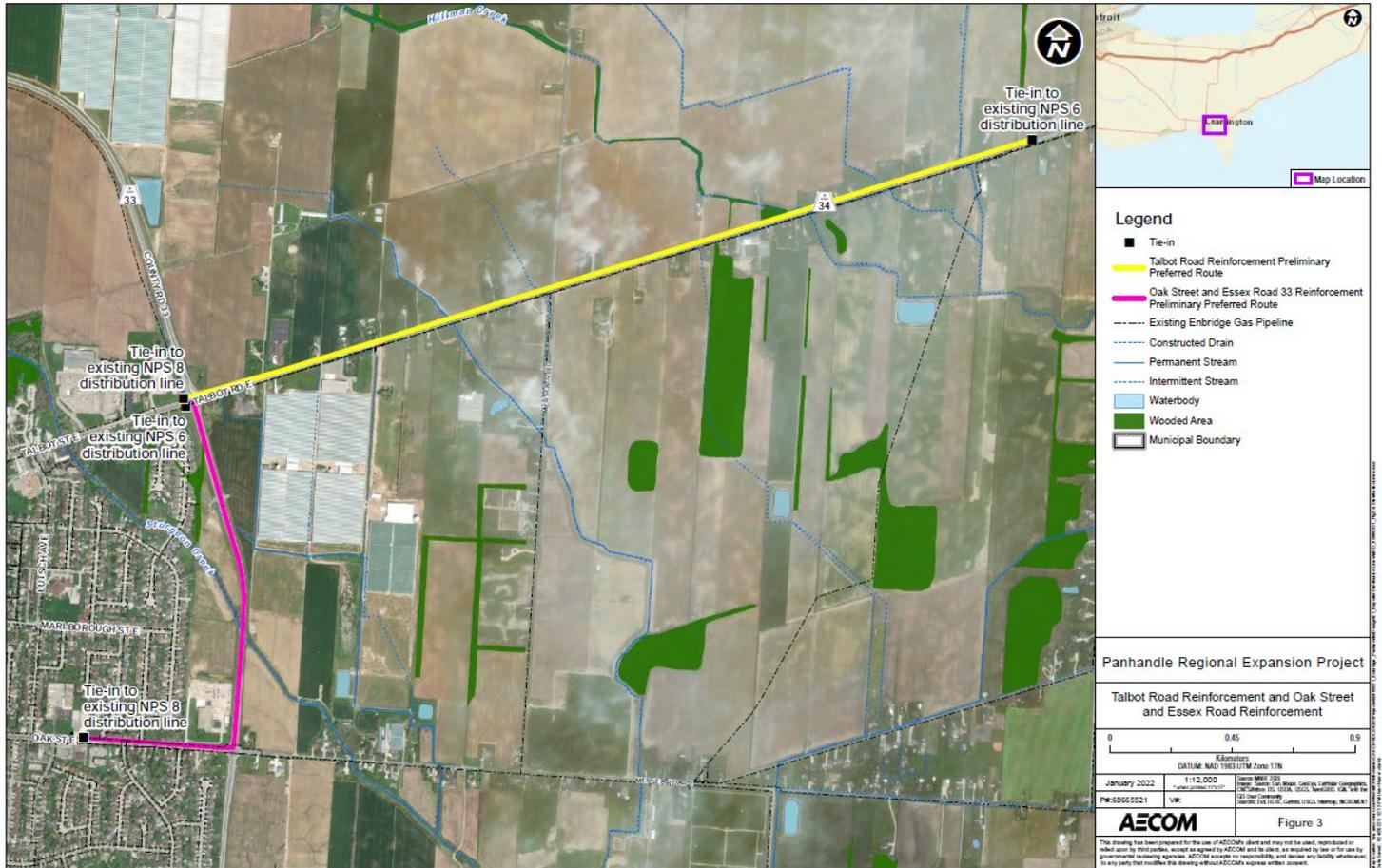
0 150 300 600 900 1,200 1,500 1,800 2,100  
Meters

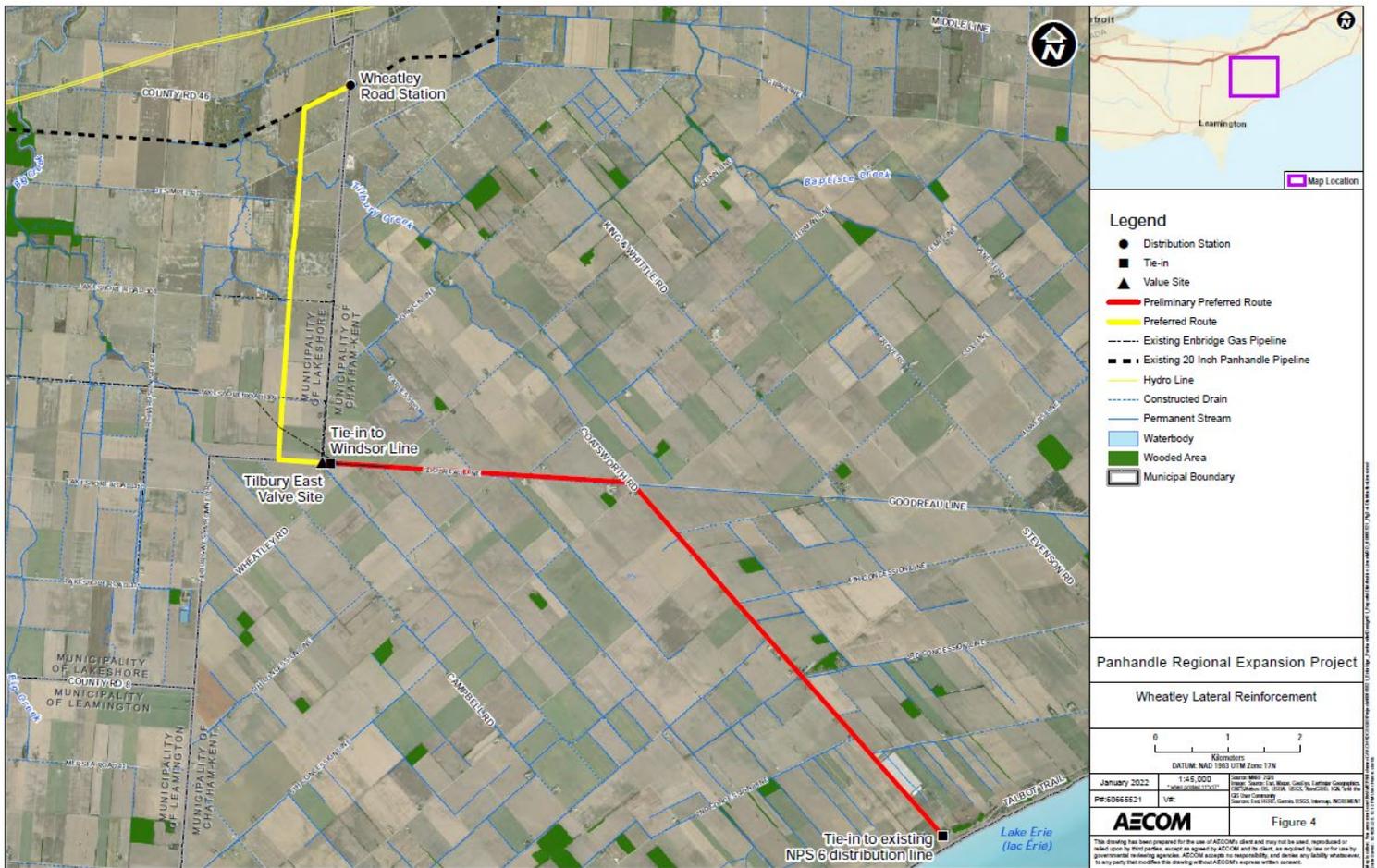
DATUM: NAD 1983 UTM Zone 17N

January 2022	1:25,000	ESR-2022-17N
PE-2022-17N	ESR-2022-17N	ESR-2022-17N

**AECOM** Figure 2

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**From:** [Lauren Whitwham](#)  
**To:** [denise.stonefish@delawarenation.on.ca](mailto:denise.stonefish@delawarenation.on.ca)  
**Subject:** VOH#2 Slides - Enbridge Gas Panhandle Regional Expansion Project  
**Date:** Wednesday, February 16, 2022 8:51:43 AM  
**Attachments:** [2022-02-09-FINAL Panhandle Virtual Open House Full Slides-Enbridge Edits.pptx](#)

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Good morning Chief Stonefish,

Please find the slides for the VOH #2 for the Panhandle Regional Expansion Project.

The Virtual Open House #2 will be available from 5 p.m. on February 14, 2022 until February 28, 2022 at [www.virtualengagement.ca/panhandle](http://www.virtualengagement.ca/panhandle) .

If you have comments on the slides, please feel free to send them my way.

Thanks so much,  
Lauren

**From:** [Lauren Whitwham](#)  
**To:** [denise.stonefish@delawarenation.on.ca](mailto:denise.stonefish@delawarenation.on.ca)  
**Subject:** Scope change: Panhandle Regional Expansion Project  
**Date:** Monday, April 11, 2022 11:48:43 AM  
**Attachments:** [MAP 60665521 Fic2-Leamington.pdf](#)  
[MAP 60665521 Fic1-PanhandleLoop.pdf](#)  
[Delaware Nation Scope Change PREP.pdf](#)

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Good morning,

Hope this finds you well.

I wanted to provide some information on the scope change for our Panhandle Regional Expansion Project. Please find attached a letter explaining it along with two maps to provide further details.

The environmental report will be ready, hopefully, by months end.

If you are interested in learning more about the project, please let me know and I'd be happy to set up a meeting.

Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents, participation in field work associated with proposed projects, and to engage in meaningful consultation. As is our approach on all projects, we are prepared to provide capacity funding to support your engagement.

Thanks so much,  
Lauren



Enbridge Gas Inc.  
109 Commissioners Road W.  
London, ON N6A4P1

April 8, 2022

Denise Stonefish  
Chief  
Eelūnaapèewii Lahkèewiit (Delaware Nation of Moravian of the Thames)  
14760 School House Line  
Thamesville, ON N0P 2K0

Dear Chief Denise Stonefish:

**Regarding: Project Update for Panhandle Regional Expansion Project**

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

The preferred routes are found in **Figures 1 and 2** attached to this letter.

The purpose of this letter is to provide an update on the latest developments of the project.

Earlier in the project planning stages, the original scope of the project also included the Wheatley Lateral Reinforcement (formerly the Wheatley Interconnect). After the three pipeline segments were presented in the first virtual information session from November 17 – December 3, 2021, the Panhandle Loop and Leamington Interconnect were selected to continue in the planning process, while the Wheatley Lateral Reinforcement was downsized and aggregated with several additional customer-driven distribution pipelines proposed at the second virtual information session.

The Panhandle Loop, Leamington Interconnect, and the distribution lines (including the Wheatley Lateral Reinforcement, the Talbot Road Reinforcement, and the Oak Street and Essex Road 33 Reinforcement) were presented to the public and interested stakeholders in a second virtual information session from February 14 – 28, 2022. The following distribution lines presented at the second virtual information session will no longer be considered as part of Enbridge Gas' Panhandle Regional Expansion Project:

- Wheatley Lateral Reinforcement: After reassessment, the scope and timing of the proposed facility will be revisited at a later date.
- Talbot Road Reinforcement: After reassessment, the required timing for this distribution facility has changed and therefore it will not be included within the Panhandle Regional Expansion Project.
- Oak Street and Essex Road 33 Reinforcement: After reassessment, the required timing for this distribution facility has changed and therefore it will not be included within the Panhandle Regional Expansion Project.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER will be prepared in accordance with the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)* and will:

- Outline the environmental planning process and regulatory framework;
- Develop a consultation program to receive input from interested and potentially affected parties;
- Identify and evaluate potential alternatives from undertaking the project;
- Select preferred routes that minimize potential environmental effects;
- Complete a detailed review of environmental features along the preferred routes and assess the potential environmental effects of the project on these features;
- Establish mitigation measures that may be used to minimize or eliminate potential environmental effects of the project; and
- Identify any necessary supplemental studies, monitoring, and contingency plans.

The ER will accompany a Leave-to-Construct application that will be submitted to the OEB in the spring of 2022. OEB review and approval is required before this project can proceed.

A key part of the planning process involved consultation with Indigenous communities, local landowners, government agencies and other interested parties that could be impacted by the project. Input received has helped confirm the selection of the preferred routes and to develop site-specific environmental protection and mitigation measures, which will be outlined in the ER.

Proposed construction for the Panhandle Loop is in 2023. The proposed timing of construction for the Leamington Interconnect presented at the first and second virtual information sessions has been tentatively changed to 2024.

If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

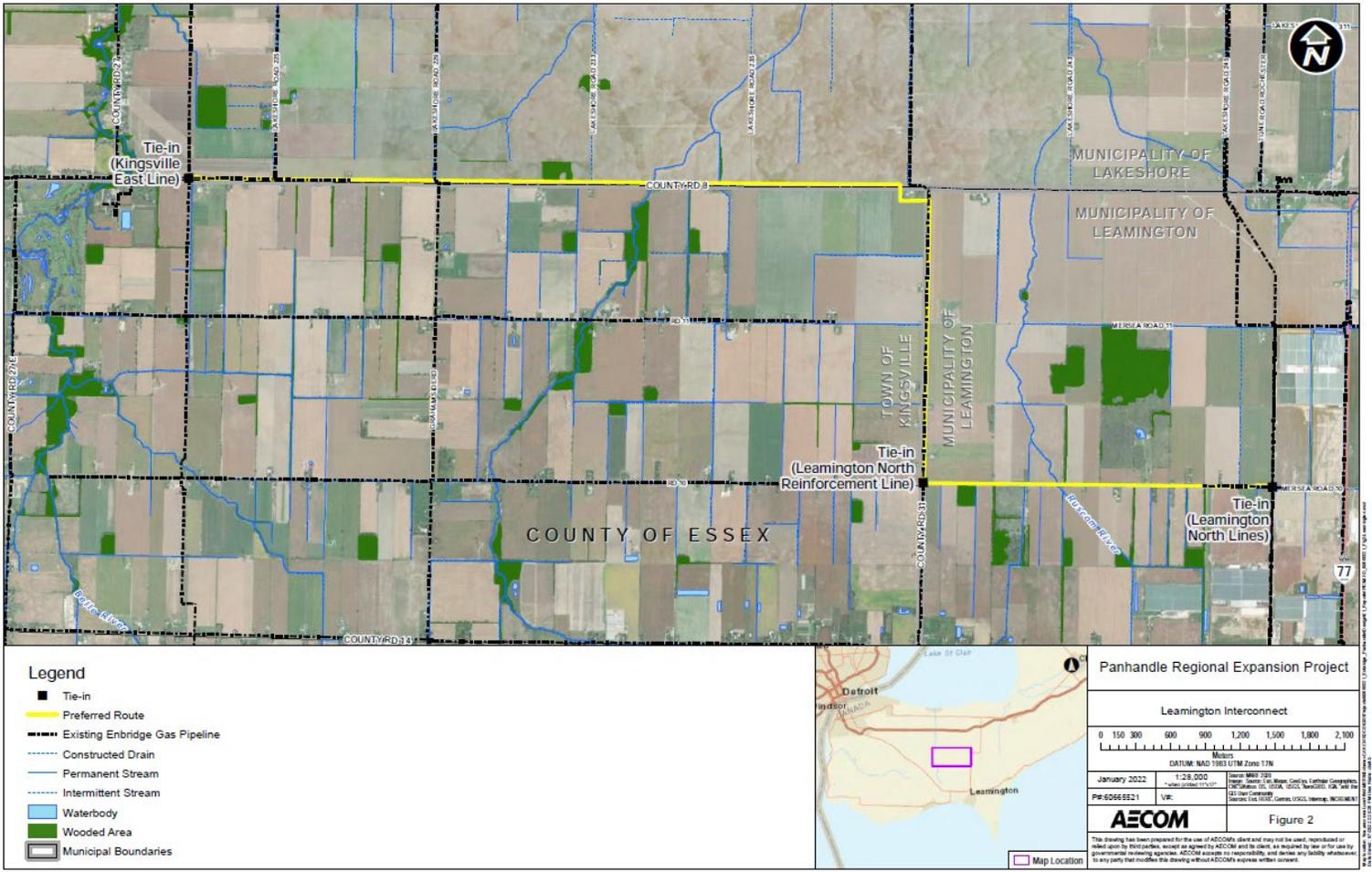
Sincerely,

A handwritten signature in black ink, appearing to read 'Lauren Whitwham', written in a cursive style.

Lauren Whitwham  
Sr. Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Lauren.Whitwham@enbridge.com  
Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.  
Mark Van der Woerd - AECOM  
Kristan Washburn - AECOM





**From:** [Lauren Whitwham](mailto:Lauren.Whitwham)  
**To:** [denise.stonefish@delawareenergy.com](mailto:denise.stonefish@delawareenergy.com)  
**Subject:** Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, April 29, 2022 10:16:28 AM

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Good morning,

Hope this finds you well. The Environmental Report for the proposed Panhandle Regional Expansion Project is now available for review and comments.

To increase capacity and accommodate additional demand for affordable and reliable natural gas, Enbridge Gas is proposing the Panhandle Regional Expansion Project (the project) to increase the capacity of the Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent. The project includes the construction of the following:

- **Panhandle Loop:** Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- **Leamington Interconnect:** Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

If approved by the Ontario Energy Board (OEB), proposed construction for the Panhandle Loop is targeted for 2023 while the Leamington Interconnect is targeted for 2024.

As part of the proposed Panhandle Regional Expansion Project, AECOM has been retained by Enbridge Gas to prepare an Environmental Report (ER) to assess the potential environmental and socio-economic effects that may result from the project. The ER has been prepared in accordance with the Ontario Energy Board's (OEB) Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016).

**Due to its size, I'm unable to attach the ER to this email. The Environmental Report, along with Appendices E and F (linked separately) can be viewed and downloaded via the Regulatory information tab on the Panhandle Regional Expansion Project webpage, at <https://www.enbridgegas.com/about-enbridge-gas/projects/panhandle-regional-expansion>.**

We are interested in your community's feedback, including any suggestions or proposals on avoiding, minimizing or mitigating any potential adverse impacts this Project may have on your Aboriginal or treaty rights. We would appreciate your review of the ER and the provision of any comments by Friday, June 10, 2022. Enbridge acknowledges that capacity support may be required to enable you to engage in timely technical reviews of documents and to allow for meaningful

consultation. Consistent with our approach on all projects, we are prepared to provide capacity funding to support your team's engagement in relation to the project.

I would appreciate the opportunity to meet with you to discuss the ER and review the potential environmental and socio-economic effects that may result from the project. If you could provide some dates that fit within your schedule, that would be most helpful. We would also review the other Projects that Enbridge currently has proposed.

Thanks so much and feel free to reach out to me with any questions or concerns,  
Lauren

**Lauren Whitwham**

Senior Advisor, Community & Indigenous Engagement, Eastern Region

Public Affairs, Communications & Sustainability

—

ENBRIDGE INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | [lauren.whitwham@enbridge.com](mailto:lauren.whitwham@enbridge.com)

109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect. Inclusion.

**From:** [Lauren Whitwham](#)  
**To:** [denise.stonefish@delawarenation.on.ca](mailto:denise.stonefish@delawarenation.on.ca)  
**Subject:** RE: Enbridge Panhandle Project: Environmental Report ready  
**Date:** Friday, May 27, 2022 12:17:30 PM

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Hi there Chief Stonefish,

Just wanted to send a friendly reminder that the environmental report for the Panhandle Regional Expansion Project is now available for review and comments. The link to the report is below.

We would appreciate any comments by Friday, June 10, 2022 however, we are happy to accept them at any point in the process. Additionally, if you require capacity funding to have this report reviewed by a third party, please let me know.

Have a nice weekend.

Lauren

**From:** [Lauren Whitwham](mailto:Lauren.Whitwham)  
**To:** [director.operations@delawarenation.on.ca](mailto:director.operations@delawarenation.on.ca)  
**Subject:** FW: Notice of the Enbridge Proposed Panhandle Regional Expansion Project  
**Date:** Tuesday, June 7, 2022 11:27:04 AM  
**Attachments:** [Panhandle Regional Expansion Project Maps.pdf](#)  
[Notice of Commencement Panhandle Moraviantown.pdf](#)  
[Proposed Panhandle Regional Expansion Project Delaware Nation at Moraviantown.pdf](#)

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Good morning Kimberly,

I wanted to touch base with you as I've been emailing Chief Stonefish regarding our Enbridge Gas Project but you are likely the better person to reach out to.

Enbridge Gas is proposing to increase the capacity of the Panhandle Transmission System and the Ministry of Energy asked that we reach out to Delaware Nation due to your proximity to the Project.

The Project consists of:

- Panhandle Loop: Approximately 19 kilometres (km) of new pipeline which loops – or parallels – the existing 20-inch Panhandle Pipeline. The new pipeline will be 36 inches in diameter and located adjacent to an existing pipeline corridor between Richardson Side Road in the Municipality of Lakeshore, and Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- Leamington Interconnect: Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to connect the existing Leamington North Lines to both the Kingsville East Line and Leamington North Reinforcement Line, located in the Municipality of Lakeshore, Town of Kingsville, and the Municipality of Leamington.

I can forward you all the emails that I have sent to Chief Stonefish if you are interested in learning more about the project. Please advise and I'd be happy to do so. Additionally, if you'd like a meeting to learn more, let me know.

Thanks and take care,  
Lauren

## CONDITIONS OF APPROVAL

1. The OEB has developed standard conditions that are typically imposed in leave to construct approvals.<sup>1</sup> Enbridge Gas has reviewed these standard conditions and has not identified any additional or revised conditions that the Company wishes to propose for this Project.

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<sup>1</sup> Standard conditions of approval are included in Schedule 1 of the OEB's standard issues list for leave to construct applications: <https://www.oeb.ca/sites/default/files/issues-list-LTC-natural-gas.pdf>