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Enbridge Gas Inc.
500 Consumers Rd.
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Canada

VIA EMAIL and RESS

June 16, 2023

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

Dear Nancy Marconi:

Re: Enbridge Gas Inc. ("Enbridge Gas" or "the Company")
Ontario Energy Board ("OEB") File No. EB-2022-0157
Panhandle Regional Expansion Project ("Project")
Updated Application and Evidence

On June 10, 2022, Enbridge Gas filed an application pursuant to section 90(1) and 97 of the Ontario Energy Board Act, 1998, S.O. 1998, c. 15 (Schedule B) for an order granting leave to construct the following:

- The "Panhandle Loop" – 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, with an estimated in-service date of November 1, 2023.
- The "Leamington Interconnect" – 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, with an estimated in-service date of November 1, 2024.

Additionally:

- Enbridge Gas proposed to 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.

On December 5, 2022, Enbridge Gas filed a request for abeyance of the aforementioned application in order to assess new cost information the Company received through a competitive procurement process that it had been undertaking in parallel with the application, and to assess its implications for the application and the evidence before the OEB.

On February 1, 2023, Enbridge Gas filed a letter stating that, following receipt of the new cost information, the Company also re-assessed the capacity position of the

Panhandle System based on actual 2022 attachments and their system locations, as well as updated 2023 customer demand. As a result of that re-assessment, the Company anticipated that that the Project's in-service date could be deferred one year (from November 1, 2023, to November 1, 2024). Accordingly, Enbridge Gas requested that the OEB continue to hold the application in abeyance until no later than August 2023, at which time the Company expected to file an updated application. The OEB confirmed on February 7, 2023, that it will continue to hold the application in abeyance until July 31, 2023.

Following Enbridge Gas's re-assessment of the Project in 2022 and 2023, the Company has elected to remove the Leamington Interconnect from the scope of the proposed Project and will reassess its need in the future should projected system shortfalls come to fruition and warrant its reconsideration. As a result, the updated application now consists of the following:

- The "Panhandle Loop" – No change in scope (i.e., 19 km of NPS 36 natural gas pipeline), with an updated estimated in-service date of November 1, 2024 (previously November 1, 2023).

Additionally:

- The Project includes ancillary measurement, pressure regulation, and station facilities within the Township of Dawn Euphemia and in the Municipality of Chatham-Kent.

A comprehensive description of the Project update can be found at Exhibit A, Tab 4, Schedule 1 of this updated application which includes information regarding the new Project costs, the updated demand forecast, the updated Panhandle System capacity, and contributions in aid of construction.

Further to the application and evidence filed on June 10, 2022 in the above noted proceeding, Enbridge Gas is filing updates to the following exhibits:

Exhibit	**Update/New**
Exhibit A-2-1 Page 1, para 1	Update to OEB approvals sought to reflect updated Project scope
Page 1, para 2	Update to location of facilities to exclude areas related to the Leamington Interconnect
Page 2, para 4 – 5	Update to Project construction timing, in-service date and Project map to reflect updated Project scope
Page 3, para 10	Update to Applicant contact information and signature line
Exhibit A-2-1 Attachment 1	Update to Project map to reflect updated Project scope
Exhibit A-3-1	

Page 1, para 1 and 3	Update to location of facilities to exclude areas related to the Leamington Interconnect. Update to existing Panhandle System capacity and dates, update to forecasted capacity shortfall and Project need timing
Page 2, para 5 and 6	Update to Project need timing, update to total additional capacity created by the Project
Page 3, para 8	Update to attachments in Exhibit B (letters of support)
Page 4, para 9	Update to Project construction timing, in-service date
Page 5, para 12 – 13	Update to Project cost, description of cost recovery for the Project
Exhibit A-4-1 (*New)	New Tab providing a summary of updates to the original Project application
B-1-1 Page 1, para 4	Update to existing Panhandle System capacity and dates, update to forecasted capacity shortfall and Project need timing
Page 2, para 9	Update to Project in-service date
Page 3, para 11	Update to date of contract rate percentage of firm demand figure
Page 5, para 18 – 19	Update to information related to automotive sector customer and new 2023 EOI/ROS process
Pages 6 – 10, para 23 – 35	Update to information related to new 2023 EOI/ROS process
Page 10, para 36	Update to general service class percentage of firm demand and associated date
Page 12, Page 41	Update to Table 2 due to update to existing Panhandle System capacity
Page 13, para 43	Update to information regarding recent extreme weather events
Page 16, para 52 and 54	Update to economic benefits information/figures
Page 17, para 56 – 61	Update to information regarding the IESO's 2022 Annual Planning Outlook ("APO"), the Minister's directive dated October 6, 2022 and the IESO's Resource Adequacy Updated dated May 16, 2023

Page 18, para 62	Reference added for a letter of support from Capital Power
Page 19, para 64 and 66	Update to information related to automotive sector customer
Page 21, para 68	Update to Project construction timing, in-service date
Page 22, para 70	Removed paragraph describing forecasted future transmission expansion requirements and associated timing
Exhibit B-1-1 Attachment 4, Page 5	Addition of letter of support for the Project from Ontario Greenhouse Vegetable Growers ("OGVG")
Exhibit B-1-1 Attachment 5	Updated letter of support for the Project from Atura Power
Exhibit B-1-1 Attachment 7	Addition of letter of support for the Project from Capital Power
Exhibit B-1-1 Attachments 8 – 9	Addition of 2023 EOI and ROS forms
Exhibit B-2-1 Page 1, para 1 and 4	Update to Project need timing
Page 6, para 15	Updated percentage of design day demand served by Dawn
Pages 7 – 9, para 16, 18 and Table 1	Update to capacity of Sandwich Compressor
Pages 9 – 11, para 21 – 23, Figure 2 and Table 2	Update to related paragraphs describing percentage of demand served by the Panhandle System by customer types
Page 11 – 12, para 27 – 28, Table 3 and Figure 3	Update to Panhandle System capacity, demand, and shortfall
Page 15, para 33	Update to date of Panhandle System schematic
Page 15, para 34 – 36	Update to Panhandle System capacity, demand, shortfall, and pressure figures
Page 15, para 37	Update to Panhandle System shortfall date and demand forecast figures
Exhibit B-2-1 Attachment 1	Update to Panhandle Transmission System Design Day Schematic
Exhibit B-3-1 Page 4 – 7, para 10 – 14	Update to winter storm events information
Page 10, para 20 – 21	Update to PEPL system information

Exhibit C-1-1 Page 1, para 1 – 3	Update to forecasted Panhandle System shortfall, total additional capacity created by the Project, Project cost and Project in-service dates
Page 2, para 7	Update to timing of Project need
Page 4, para 10	Update to required in-service date
Page 5, para 12 – 13	Update to alternatives (Leamington Interconnect)
Page 7 – 9, para 23 – 28	Update to description/information regarding new preferred alternative
Page 10, para 30	Update to system shortfall relative to LNG alternative
Page 11, para 35	Update to operationally available capacity available to be delivered at Ojibway
Page 13, para 40 – 41	Update to minimum incremental deliveries at Ojibway required to delay the in-service date of the Project by 1 year
Page 14, para 44	Update to winter storm events information
Page 16, para 51	Update to describe current firm exchange from Dawn to Ojibway availability
Page 16 – 19, para 52 – 57 and 61	Update to description/information regarding Hybrid Alternatives
Page 19, para 63	Update to Panhandle System design day capacity shortfall and required loads of CNG to meet the shortfall capacity
Page 20, para 64, 66 – 67	Update to reflect additional evaluation of whether an ETEE IRPA could viability meet the Project need
Page 21, para 69	Updated Project Selection and Conclusion to reflect updated Project alternative analysis
Exhibit C-1-1 Attachment 3 (*New)	Addition of IRPA Analysis Modeling Findings conducted by Posterity Group dated June 5, 2023
Exhibit D-1-1 Page 1 – 2, para 2 – 4	Update to Project information due to removal of Leamington Interconnect
Page 3 – 4, Table 1 and para 6	Update to exclude the Leamington Interconnect and the length of header piping

	required in the Dawn Yard Upgrade
Page 4, para 7	Update to construction dates
Page 11, para 18	Update to exclude NPS 16 (Leamington Interconnect) Design Specifications
Page 11, para 19	Update to status of letter from the TSSA
Exhibit D-1-1 Attachment 1	Update to Project Schedule
Exhibit E-1-1 Page 1, para 1 – 2	Updates to Project cost information and timing, and contingency information
Page 2, para 3, Table 1	Updated the cost comparison for the Project from Panhandle Reinforcement Project (EB-2016-0186) to the Dawn to Corunna Replacement Project (EB-2022-0086). Removal of Leamington Interconnect cost information.
Page 4, para 9, 11, 13, and 14 –15	Updates to Stage 1 and Stage 2 Project economics figures
Page 5 – 6, para 10 – 21	Updates to Stage 3 Project economics figures and economic development information
Page 7, Table 3 and para 25	Updates to Stages 1 – 3 NPV figures
Page 8, para 25, Table 4	Updates to remove Leamington Interconnect and to cost recovery information
Exhibit E-1-2 to Exhibit E-1-7	Updates to Project Cost and Economics Schedules due to updated Project scope
Exhibit F-1-1 Page 2, para 4 – 5	Update to status of ER and stakeholder communications with respect to update Project scope; release of the 8th Edition of the Guidelines.
Page 3, para 9	Update to remove reference to Leamington Interconnect route
Page 4, para 12 – 13	Updates to the Letter of Advice and permits obtained regarding species at risk. Updates to the status of archaeological assessment
Page 5, para 15 – 16	Updates to the status of wetland assessments and permits obtained for watercourse crossings
Page 6, para 17 – 18	Updates removing Leamington Interconnect from the tree removal and social-economic features. Update to ratio of tree replacement

Exhibit F-1-1 Attachment 2	Update to communication log
Exhibit G-1-1 Page 1, para 4 Page 2, para 7 – 8 Page 3 – 4, para 10 – 13 Page 6, Table 1	Update to Project details due to removal of Leamington Interconnect. Update to timing related to land rights agreements. Updated the references for standard form agreements to the Haldimand Shores Community Expansion Project Updates to the status of obtaining early access land rights and Easement and Temporary Land Use Agreements Updates to the list of authorizations required due to Project scope changes
Exhibit G-1-1 Attachment 1	Updates to the “Preferred Route Drawings” to reflect updated Project scope
Exhibit G-1-1 Attachment 2	Updates to the “Landowner Line List” to reflect updated Project scope and new landowners since 2022
Exhibit H-1-1 Page 2, para 6, 7 Page 4, para 12, 15	Updates to MOE describing changes made to the Project scope and ICR Update to timeframe of Indigenous engagement activities
Exhibit H -1-1 Attachment 5	Updated current version of the Enbridge Inc. Indigenous Peoples Policy
Exhibit H-1-1 Attachment 6	Update to Indigenous Consultation Report: Summary Table to reflect Consultation up to June 4, 2023
Exhibit H-1-1 Attachment 7	Update to Indigenous Consultation Report to include Consultation up to June 4, 2023
Exhibit H-1-1 Attachment 8 (*New)	Additional attachment “Updated Project Description for MOE”

Updates have also been marked in the margins and headers of this updated application.

As outlined in the table above, Enbridge Gas is filing an updated “Panhandle Loop” landowner list at Attachment 2 of Exhibit G, Tab 1, Schedule 1. The Company will identify any new landowners and/or encumbrances who were not served with the Notice of Application (issued by the OEB on July 4, 2022) and initial leave to construct

application in 2022.[1] Enbridge Gas will serve those new landowners and/or encumbrances with the aforementioned Notice of Application and the updated application, to ensure that all current landowners and encumbrances have been provided with the Notice of Application and a copy of the application (initial or updated). The Company will also submit an Affidavit of Service to the OEB confirming delivery.

Concurrent with the filing of this updated application, Enbridge Gas is also filing an early access application[2] with the OEB under section 98(2) of the *Ontario Energy Board Act, 1998*.

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:

Exhibit	**Description of Document**	**Confidential Information Location**	**Brief Description**	**Basis for Confidentiality**
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 *Freedom of Information and Protection of Privacy Act*. Pursuant to section 10 of the OEB's *Practice Direction on Confidential Filings*, 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 *Freedom of Information and Protection of Privacy Act*. Pursuant to section 10 of the OEB's *Practice Direction on Confidential Filings*, such information should not be provided to parties to a proceeding.

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).

[1] For clarity, consistent with the Project update details provided at the beginning of this covering letter, the Project route for Panhandle Loop remains unchanged. As such, any new landowners would only arise if properties along the route were transferred to new landowners after the Company served landowners with the Notice of Application and initial application in 2022.
[2] EB-2022-0285

If you have any questions, please contact the undersigned.

Sincerely,

(Original Signed)

Haris Ginis
Technical Manager, Leave to Construct Applications

EXHIBIT LIST

A – ADMINISTRATION

Exhibit	Tab	Schedule	Contents of Schedule
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
A	4	1	Project Update Summary

B – PROJECT NEED

Exhibit	Tab	Schedule	Contents of Schedule
B	1	1	Project Need Attachment 1 – 2021 Expression of Interest Attachment 2 – 2021 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 Attachment 7 – Letter of Support – Capital Power Attachment 8 – 2023 Expression of Interest Attachment 9 – 2023 Binding Reverse Open Season
B	2	1	Panhandle System Design and Network Analysis Attachment 1 – 2024/2025 Panhandle System Schematic
B	3	1	Market Dynamics

C – PROJECT ALTERNATIVES

Exhibit	Tab	Schedule	Contents of Schedule
C	1	1	Project Alternatives Attachment 1 – Enbridge Gas RFP Attachment 2 – 2022 Posterity Report Attachment 3 – 2023 Posterity Report

D – PROPOSED PROJECT

Exhibit	Tab	Schedule	Contents of Schedule
D	1	1	Proposed Project Attachment 1 – Construction Schedule

E – PROJECT COSTS AND ECONOMICS

Exhibit	Tab	Schedule	Contents of Schedule
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

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

G – LAND MATTERS

Exhibit	Tab	Schedule	Contents of Schedule
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

Exhibit	Tab	Schedule	Contents of Schedule
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

I – CONDITIONS OF APPROVAL

Exhibit	Tab	Schedule	Contents of Schedule
I	1	1	Conditions of Approval

Glossary of Acronyms and Defined Terms	
AECOM	AECOM Canada Ltd.
Act	The *Ontario Energy Board Act, 1998*
AMP	Enbridge Gas's Asset Management Plan
APO	The IESO's 2022 Annual Planning Outlook
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
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
BBGS	Brighton Beach Generating Station
BHRs	Built Heritage Resources
CEPs	Community Energy Plans
CHAR	Cultural Heritage Assessment Report
CHLs	Cultural Heritage Landscapes
CIAC	Contributions in Aid of Construction
CO_2	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
GHG	Greenhouse Gas
Guidelines	The OEB’s *Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition, 2016.*
HDD	Heating Degree Day
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	Liquified Natural Gas
LOA	Letter of Advice
MCM	Ministry of Citizenship and Multiculturalism
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
OGVG	Ontario Greenhouse Vegetable Growers Association
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
ROS	Reverse Open Season
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.
SWAHV	System-wide Average Heating Value
Transmission Marg8in	Transmission Portion of 2023 OEB-Approved Rates
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 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. /U

2. Enbridge Gas will also construct ancillary measurement, pressure regulation, and station facilities within the Township of Dawn Euphemia and in the Municipality of Chatham-Kent. /U

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.[1] 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 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 2029/2030. /U

5. A map of the proposed facilities is included at Attachment 1 to this Exhibit. /U

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

[1] EB-2021-0148

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	Haris Ginis Technical Manager, Leave to Construct Applications	/U
Address:	500 Consumers Road Toronto, ON M2J 1P8	
Telephone:	(416) 495-5827	
Email:	haris.ginis@enbridge.com EGIRegulatoryProceedings@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
(c)	The Applicant's counsel (2)	Charles Keizer Torys, LLP
	Mailing Address:	79 Wellington St. W, 30th Floor, Box 270, TD South Tower, Toronto, ON M5K 1N2
	Telephone:	416-865-7512
	Fax:	416-865-7380
	Email:	ckeizer@torys.com

DATED at the City of Chatham, Ontario this 10th day of June 2022.

ENBRIDGE GAS INC.

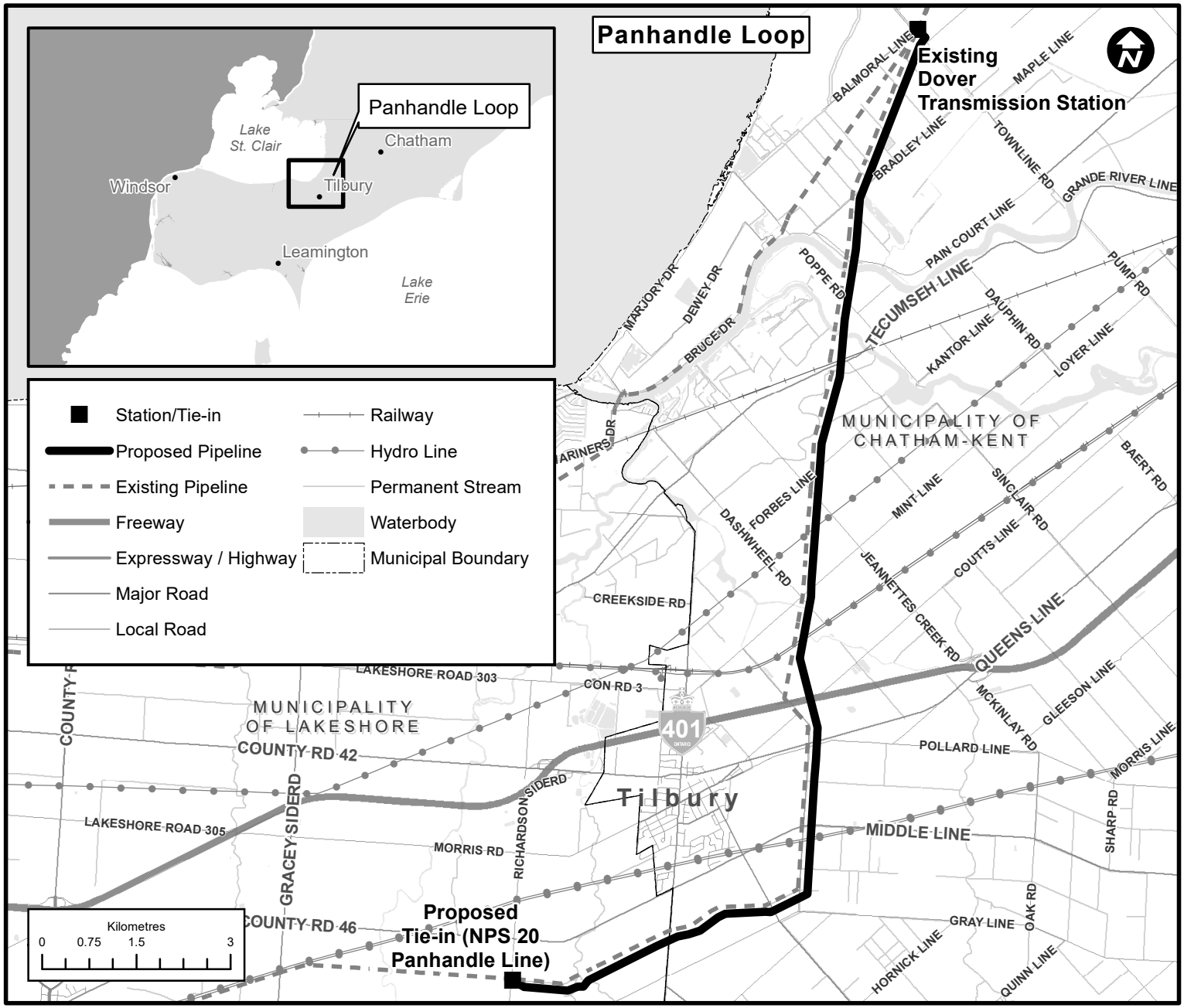
(Original Digitally Signed)

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Haris Ginis,
Technical Manager, Leave to Construct Applications

/U

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; and,
    - Ancillary measurement, pressure regulation, and station facilities within the Township of Dawn Euphemia and in the Municipality of Chatham-Kent.

    /U

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 2022/2023) Panhandle System capacity is 737 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 66 TJ/d beginning in Winter 2024/2025, which increases to 156 TJ/d by Winter 2028/2029. As a result of this demand growth,

    /U

there is a need for capacity to meet the forecasted firm customer demands by November 1, 2024 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 2024/2025. 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, 2024. The optimal solution to address the forecasted shortfall is the proposed Project, which targets the largest pressure bottleneck on the current Panhandle System. /U

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 168 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. /U

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 – 7), the Project has broad support from regional municipalities as well as major customer groups. For example: /U

   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 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 2029/2030. /U

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 $358.0 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. /U

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. Enbridge Gas expects that, as part of its 2024 rebasing application, the recovery of costs associated with this Project will be addressed. Enbridge Gas will allocate Project costs to rate classes according to the cost allocation methodology approved as part of that proceeding, or as otherwise approved by the OEB. /U

14. 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"). 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 UPDATE SUMMARY

1. On June 10, 2022, Enbridge Gas applied to 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 ("Panhandle Loop"); 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 ("Leamington Interconnect").

2. Enbridge Gas also planned to 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. On July 4, 2022, the OEB issued a Notice of Hearing and subsequently established initial procedural steps in Procedural Order No. 1 which was issued on August 12, 2022. Throughout the months that followed, the OEB, Enbridge Gas, and intervening parties engaged in a robust review of the Company's Application, including extensive discovery via written interrogatories, a virtual technical conference and written undertakings.

4. On November 10, 2022, the OEB issued Procedural Order No. 3 which set out procedural timelines including the date by which Enbridge Gas's Argument-in-Chief was due to be filed with the OEB and sent to intervening parties (December 5, 2022).

5. On December 5, 2022, Enbridge Gas notified the OEB and parties that, due to unexpected circumstances, the Company was not in a position to proceed with the filing of its Argument-in-Chief. The Company went on to request that the OEB place the Application into abeyance as it had identified potentially material increases to certain components of the estimated Project costs, and that it was in the process of

assessing the new cost information and its implications for the Application and the evidence before the OEB.

6. On December 14, 2022, the OEB issued Procedural Order No. 4 which approved Enbridge Gas's request to place the Application into abeyance and directed the Company to advise the OEB no later than February 1, 2023, of the date by which it would file an amended application. Additionally, the OEB acknowledged submissions made by certain parties in the interim regarding the applicability of the OEB's E.B.O. 134 and E.B.O. 188 economic tests and the extent to which contributions in aid of construction ("CIAC") should be required for the Project. The OEB noted that Enbridge Gas may wish to consider whether to provide additional evidence on those issues as part of its proposed update to its Application and whether it should be communicating with potentially affected customers regarding the same.

7. On February 1, 2023, Enbridge Gas filed a letter stating that, following receipt of the new cost information, the Company also re-assessed the capacity position of the Panhandle System based on actual 2022 attachments and their system locations, as well as updated 2023 customer demand. As a result of that re-assessment, the Company anticipated that incremental demand for Winter 2023/2024 could be accommodated and that the Project's in-service date can be deferred one year (from November 1, 2023, to November 1, 2024). Accordingly, Enbridge Gas requested that the OEB continue to hold the Application in abeyance until no later than August 2023, at which time the Company expected to file an amended Application that would address all of the issues summarized above.

8. On February 7, 2023, the OEB issued Procedural Order No. 5 which confirmed the Application would remain in abeyance until such time that Enbridge Gas files the amended Application and the OEB issues a new procedural schedule. The OEB also ordered Enbridge Gas to file, no later than July 31, 2023, a letter confirming when it expects to file the amended Application.

9. The updates provided within this amended Application reflect the outcomes of Enbridge Gas's re-assessment of the issues summarized above (i.e., new project cost information, updated demand forecast, and updated Panhandle System capacity) and their implications on Project scope and timing. Accordingly, the purpose of this Exhibit is to explain and contextualize the Project updates reflected throughout this updated Application. This Exhibit is organized as follows:

A. New Project Cost Information
B. Updated Demand Forecast
C. Updated Panhandle System Capacity
D. Contributions in Aid of Construction
E. Outcome and Summary

10. For ease of reference, a complete list of all evidence updates is provided within the covering letter to the updated Application.

A. New Project Cost Information

11. In Q4 2022, Enbridge Gas received new Project cost information through a standard request for proposal ("RFP") process that the Company had been undertaking. The new pricing information received from contractors via the RFP process indicated new Project cost estimates that were materially higher than previous estimates.

12. As an outcome of Enbridge Gas's review of the new cost information, the Company found that the increased cost estimates were driven primarily by inflationary pressures and, to a lesser extent, by refinements in engineering design.

13. Regarding inflationary pressures, the Company found that prices for materials and labour had significantly increased since 2021. These increases are believed to be driven by supply chain challenges that have arisen in recent years, including:
    - Global supply chain issues – Recent global conflicts and the COVID-19 pandemic have negatively impacted supply chain dynamics, causing an increase in costs for a wide range of products.
    - Limited capacity at production facilities – Production facilities have experienced capacity and labour challenges, resulting in fewer quantities of products being available, and therefore increasing their costs.

14. Regarding refinements to Project engineering designs, as part of standard Project development activities the Company further refined Project design. The results of the refinements to engineering design included but are not limited to additional trenchless crossings and additional materials (ex., valves, actuators, and cabling), which resulted in increased cost.

B. Updated Demand Forecast

15. Following the Application being placed into abeyance in December 2022 and given market indications that demand for natural gas continued to evolve, Enbridge Gas launched an additional Expression of Interest ("EOI") and Reverse Open Season ("ROS") to re-assess and re-confirm customer demand for natural gas services (firm and/or interruptible) in the Project area from 2024 to 2031.

16. Enhancements were made to the EOI/ROS process to gain further clarity and certainty regarding the nature of customer interest/bids. More specifically, customers who responded to the EOI/ROS were asked to provide additional information regarding the viability of interruptible service as an alternative to new firm service, including whether they would be more inclined to consider interruptible service over new firm service if the ability to negotiate lower than posted interruptible rates was available. Customers were also asked to confirm that their EOI bid amounts are inclusive of all future expected natural gas conservation activities, including natural gas conservation activities within and outside of Enbridge Gas's Demand Side Management programs, and the use of non-natural gas alternatives.

17. Using the results of the additional EOI/ROS, an updated demand forecast to Winter 2030/2031 was developed which reflects decreases in customer demand, including:

    - Winter 2023/2024 customer demands decreased by 14 TJ/d, from 744 TJ/d to 730 TJ/d.
    - The 5-year demand forecast (i.e., the total forecast demand in Winter 2028/2029) decreased by 40 TJ/d, from 932 TJ/d to 892 TJ/d.[1]

18. The impact to Project scope and in-service date caused by the updated demand forecast combined with the increase in the Panhandle System's capacity realized for 2022/2023 (described in Section C below) is described in Section E below. More information regarding the updated EOI/ROS and demand forecast can be found at Exhibit B, Tab 1, Schedule 1.

[1] As described in Section C of this Exhibit, the existing capacity of the Panhandle System is 737 TJ/d.

C. Updated Panhandle System Capacity

19. Following the Application being placed into abeyance in December 2022 (at the Company's request), Enbridge Gas re-evaluated existing system capacity based on the impact of actual 2022 customer demands, updated forecast demands, updated SWAHV, and supply volumes on the Panhandle System.[2] As a result of this assessment the Company found that:

    i. The nature, magnitude and location of actual customer demands has changed and the Company expects there to be less pressure loss on the existing system, and thus greater existing/remaining capacity, than originally estimated. The existing Panhandle System is now forecasted to be able to serve an additional 27 TJ/d of capacity compared to the previous modelling and forecasts, until Winter 2024/2025 at which time customer demands are expected to exceed the system's capacity.
    ii. Panhandle System capacity decreased by 3 TJ/d due to the updated SWAHV.
    iii. There were no changes to system capacity due to supply volumes and their locations.

20. The outcome of the changes described above increased the existing Panhandle System capacity by 24 TJ/d from 713 TJ/d to 737 TJ/d. The impact to the Project's in-service date due to this increase in Panhandle System capacity combined with the decrease in customer demand (described in Section B above) is described in Section E below.

D. Contributions in Aid of Construction

21. Following the OEB's remarks in Procedural Order No. 4 regarding CIAC, Enbridge Gas account managers conducted outreach to customers who indicated their intention to submit an EOI bid. Customers were asked about the impact a requirement for CIAC would have on their demands for new/incremental service. The themes of the feedback are as follows:

[2] Existing system capacity is based on the existing pipeline facilities, customer demand volumes and location, the energy content of natural gas (also known as the system-wide average heating value, or "SWAHV"), and supply volumes and location.

- Customers submitting EOI bids for new/incremental service were generally doing so under the assumption that the OEB would apply the established regulatory framework for transmission system expansion projects, which does not require CIAC, consistent with similar projects constructed in the past. Customers generally indicated opposition to being required to provide CIAC to support transmission system expansion in this instance.
- No customer indicated that they would be willing to provide CIAC for a transmission system expansion project without understanding the magnitude of the CIAC and the unique justification for its selective application in this instance.

22. On this basis, and for the reasons already set out on the record for the current Application, the Company re-iterates that it is not appropriate to require CIAC from specific customers for the proposed Project because, as a transmission system, the Panhandle System transports natural gas for the benefit of all customers within the Panhandle Market – rather than individual or specific customers.[3]

23. The Panhandle System transports natural gas supply and stored volumes from the Dawn Hub and upstream supply basins into and through Enbridge Gas's integrated storage and transmission systems, and ultimately distribution systems to end use customers. Enbridge Gas's transmission systems are connected to multiple upstream supply basins, storage facilities and markets through ex-franchise transmission pipelines. This provides Enbridge Gas's ratepayers access to multiple sources of economic natural gas supply. As a result, Ontario ratepayers pay a lower cost for natural gas supply than they otherwise would and rarely experience disruption of firm natural gas services. Accordingly, the continued expansion of the Panhandle System will allow existing and future customers to experience the same diversity, reliability, and resiliency of Enbridge Gas's integrated natural gas storage and transmission systems. This results in increased energy price stability and competitiveness, and mitigates supply shortfall or disruption to the benefit of all Ontario natural gas customers.

E. Outcome and Summary

24. The combined effects of the decrease to the customer demand forecast (as described in Section B above) and an increase in the existing system capacity (as

[3] Exhibit JT1.3

described in Section C above) has resulted in a Winter 2023/2024 surplus capacity of 6 TJ/d rather than the previously projected shortfall of 31 TJ/d. As such, the original Project in-service date has been deferred one year, from November 1, 2023, to November 1, 2024. Assuming the Panhandle Loop is placed into service by November 2024, the Panhandle System is now expected to have sufficient capacity to serve incremental customer demands (as confirmed through the EOI/ROS) through Winter 2028/2029.

25. Similarly, whereas the Company originally projected that the Leamington Interconnect would be required to meet a system shortfall in Winter 2025/2026 (following construction of the Panhandle Loop in 2023), the combined effects of the updates discussed above indicate that a further system shortfall (like that driving the need for the Leamington Interconnect) will not occur until Winter 2029/2030. For these reasons Enbridge Gas has elected to remove the Leamington Interconnect from the scope of the proposed Project at this time. Enbridge Gas will reassess the need for the Leamington Interconnect in the future should projected system shortfalls come to fruition and warrant its reconsideration.

26. Please see Table 1 below for a summary comparison of the original application and the current updated application.

Table 1: Summary Comparison – Original Application (June 2022) and Updated Application (June 2023)

	Existing System Capacity (TJ/d)	**Winter 2023/2024 Demand Forecast (TJ/d)**	**Winter 2024/2025 Demand Forecast (TJ/d)**	**Total Project Capital Expenditure ($ Million)**	**Incremental Project Capacity (TJ/d)**	**Total System Capacity with Project (TJ/d)**	**Project Timing (Initial In-Service Date)**
Original Application (June 2022)	713	744	828	314.4	203	916	November 1, 2023
Updated Application (June 2023)	737	730	802	358.0	168	904	November 1, 2024

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 2022/2023) Panhandle System capacity is 737 TJ/d. The forecasted firm demand on the Panhandle System for Winter 2022/2023 is 698 TJ/day. Enbridge Gas's current Design Day demand forecast, discussed in detail below, indicates that the Panhandle System demand will increase by 32 TJ/d to 730 TJ/d by Winter 2023/2024, and by an additional 72 TJ/d to 802 TJ/d in Winter 2024/2025. As a result of this growth, there is a need for capacity to meet the forecasted firm customer demands by November 1, 2024 and beyond. /U

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[1] and Phase II project in 2016[2]), upsizing of pipeline between Ruscom and Patillo from NPS 16 to NPS 20 through the Panhandle NPS 16 Replacement Project between 2014 and 2016[3], 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, Amherstburg and Windsor (together "the Panhandle Market"). The Panhandle Reinforcement Project ("PRP")[4] 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")[5] 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, 2024. /U

[1] EB-2012-0431
[2] EB-2016-0013
[3] EB-2013-0420
[4] EB-2016-0186
[5] EB-2018-0013

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.

i. Contract Rate Growth Forecast

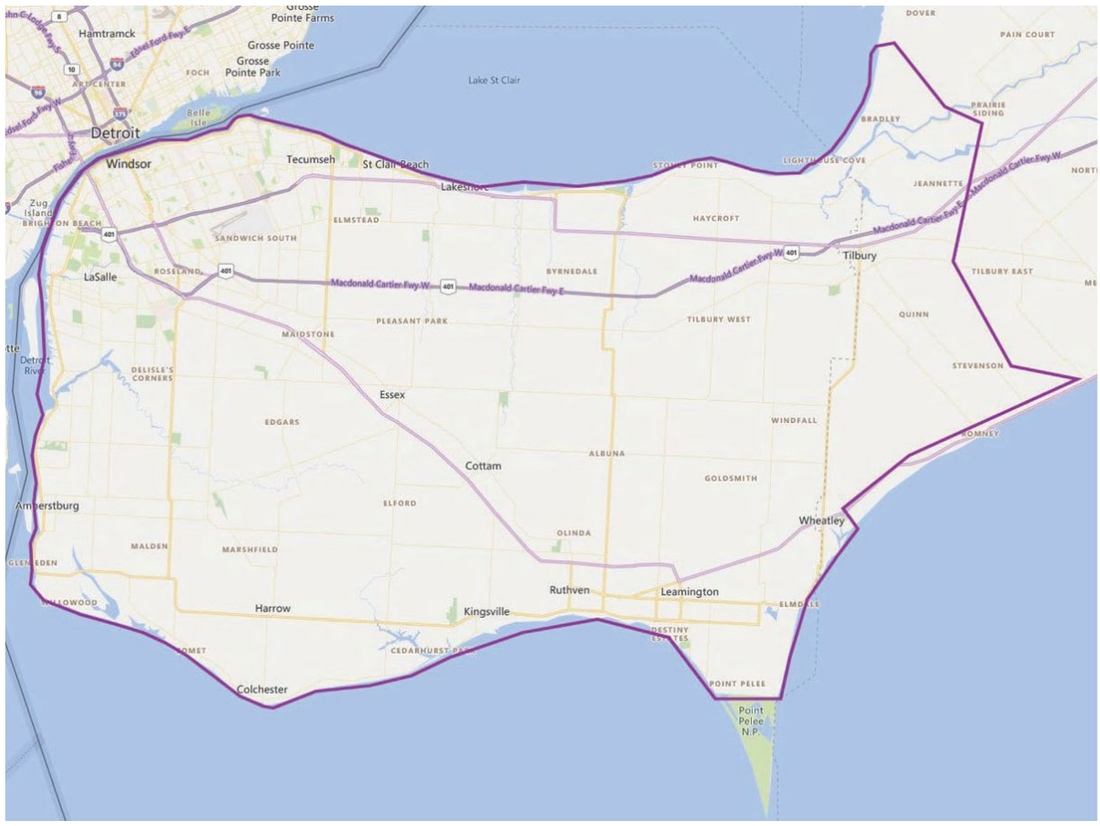
2021 Expression of Interest and Reverse Open Season – Approach and Outcomes

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 as of Winter 2021/2022. 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[6]. 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. /U

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.

[6] 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.[7] 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.

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"). Because Enbridge Gas was in the process of finalizing a contract with NextStar this demand was included in the contract rate demand forecast for the Project. Enbridge Gas has since finalized a contract with NextStar for service commencing in September 2023, using existing capacity.

/U

19. 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.

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

20. 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.

21. 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.

22. 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.

2023 Expression of Interest and Reverse Open Season – Approach and Outcomes

23. On February 23, 2023, Enbridge Gas launched a second non-binding EOI and concurrent binding Reverse Open Season (ROS) for the Panhandle Market (see Figure 1 above for the Expression of Interest Area of Benefit Map). The purpose of the second EOI was to re-confirm customer interest in incremental capacity on the Panhandle System following the Project's leave to construct application being placed into abeyance in December 2022 (see Attachment 8 to this Exhibit for the February 2023 EOI form). Customers who responded to the EOI were also requested to provide additional information regarding the viability of interruptible service as an alternative to new firm service, including whether they would be more inclined to consider interruptible service over new firm service if the ability to negotiate lower than posted interruptible rates was available. Customers were also asked to confirm that their EOI bid amounts were inclusive of all future expected natural gas conservation activities, including natural gas conservation activities within and outside of Enbridge Gas's Demand Side Management programs, and the use of non-natural gas alternative options. /U

24. The ROS provided existing contract customers another opportunity to formally de-contract existing firm or interruptible capacity (see Attachment 9 to this Exhibit for the February 2023 ROS form). The ROS also provided existing customers the opportunity to request to convert existing firm service to interruptible service. It should be noted that regardless of formal ROS initiatives such as this, customers always have the ability to request changes to their existing contract parameters including de-contracting existing capacity, provided appropriate notice is given per the terms and conditions of their distribution contract. /U

25. To provide clarity and respond to any questions regarding the EOI and ROS process, Enbridge Gas account managers directly contacted each contract rate customer in the Panhandle Market. In addition to direct outreach, all existing contract customers were invited to attend an in-person meeting held on March 7, 2023, and/or a virtual meeting held on March 23, 2023. A meeting with local economic development officials was also held on March 2, 2023, to inform them of the process and timelines, and to answer any questions related to the forms. /U

26. The EOI and ROS process closed on April 6, 2023, thirty business days following its launch. All bids received were acknowledged via email from Enbridge Gas. A total of 42 EOI bid forms were received from 39 entities, indicating approximately 197 TJ/d of interest over the 2024-2033 period. The 197 TJ/d is incremental to the capacity that has already been contracted for by customers via the 2021 EOI process and through the normal course of business since the close of the 2021 EOI process. Of the 42 EOI bids received, 38 bids were from the greenhouse sector, 2 bids were from the power sector and 2 bids were from the commercial sector. The results of the EOI can be found in Table 1. /U

Table 1 – 2023 EOI Bid Summary by Year (m^3/hr)

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
New/Incremental Firm	52,432	84,503	37,807	25,802	32,952	17,204	13,732	12,547	7,277	2,325	286,581
Interruptible to Firm Conversion	66	8,484	-	-	-	-	-	-	-	-	8,550
Firm Turnback	-	-	-	-	-	-	-	-	-	-	-
Firm to Interruptible Conversion	-	-	-	-	-	-	-	-	-	-	-
Net New/Incremental Firm (by year)	**52,498**	**92,987**	**37,807**	**25,802**	**32,952**	**17,204**	**13,732**	**12,547**	**7,277**	**2,325**	**295,131**
Net New/Incremental Firm (cumulative)	52,498	145,485	183,292	209,094	242,046	259,250	272,982	285,529	292,806	295,131	
TJ/day (by year)	**33**	**71**	**24**	**16**	**21**	**11**	**9**	**8**	**5**	**1**	**197**
TJ/day (cumulative)	33	104	127	143	164	175	183	191	196	197	

Notes:
1) The volumes received through the 2023 Expression of Interest process were in cubic meters of gas per hour (m3/hr).
2) The 2023 Expression of Interest results, combined with the previously contracted volumes from the 2021 Expression of Interest process were used to generate an informed demand forecast.

27. *EOI results – existing interruptible service to firm service conversion:* Customers requesting to convert existing interruptible service to firm service were asked to identify the driving factors behind their conversion request on the EOI bid forms. Of the two bids received for interruptible to firm service conversion, one indicated that they wanted to reduce their reliance on back-up fuel sources due to increased risk of disruption/crop loss, and the other referenced contractual obligations with the IESO. /U

28. *EOI results – viability of interruptible service as an alternative to new firm service:* Customers who submitted EOI bids for new/incremental firm service were asked to provide information regarding the viability of interruptible service as an alternative to new firm service. Of the 42 EOI bids received, only 2 bids (3% of total EOI interest) indicated that interruptible service was a viable alternative and that they could rely on alternate fuel sources during an interruption event. It should be noted that for those two bids, interruptible service was not requested, nor was there an accompanying ROS request to convert existing firm service to interruptible service. The firm demands from these two bids were not included in the updated demand forecast. For the bid forms received where customers indicated why interruptible service was not a viable option, reasons included: disruption to operations/productivity impacts; potential for crop loss/production loss; contractual obligations with the IESO/regional power generation; increased cost/availability/emissions associated with alternate fuel sources; installation and maintenance costs of backup fuel systems; and, CO_2 requirements for greenhouses. /U

29. *EOI results – interruptible service as an alternative to new firm service if negotiable interruptible rates were available:* Customers were also invited to indicate whether they would be more inclined to consider interruptible service over new firm service if the ability to negotiate lower than posted interruptible rates was available. There were five bids received (8% of total EOI interest, inclusive of the two bids referenced in the paragraph above) where customers indicated they would consider interruptible /U

service as an alternative to firm service, with a required reduction in interruptible rates ranging between 20% and 35% below current rates. Of those five bids, three bids indicated that interruptible service was not a viable option and did not specify how they would comply during an interruption event. Enbridge Gas will work with these five customers to determine if their future natural gas requirements can be met with interruptible service despite their bid for new/incremental firm service. The firm demands from these five bids were not included in the updated demand forecast.

30. *EOI results – natural gas conservation:* Customers who submitted an EOI form were asked to confirm whether Enbridge Gas had discussed energy conservation program offerings with them, which all customers confirmed. Customers were also asked to confirm that their EOI bid volumes were inclusive of all future natural gas conservation activities, including natural gas conservation activities within and outside of Enbridge Gas's Demand Side Management programs, and the use of non-natural gas alternative options. All customers confirmed that to be the case. Customers were also reminded of Enbridge Gas's DSM programs during the in-person customer meeting on March 7, 2023, as well as during the March 23, 2023, virtual customer meeting. /U

31. *ROS results:* There were no requests received from existing contract customers via the ROS to de-contract existing firm or interruptible capacity. In addition, no customers requested to convert existing contracted firm service to interruptible service. /U

32. 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 /U

2024. This practice is consistent with the methodology of contracting for incremental capacity that was used for the PRP and KTRP projects.

33. Contract rate customer demand makes up approximately 94% of the capacity of the proposed Project. As of May 2023, approximately 34% of the contract rate customer demand is underpinned by a firm distribution contract. The commitment letters received in 2021 are no longer being relied upon by Enbridge Gas as they were applicable to the former 2021 EOI process only. Based on the timing of the 2023 EOI process and updated leave to construct application, Enbridge Gas will be executing firm distribution contracts with customers that are requesting service in 2024 and 2025 first, followed by securing customer demands for the future years. /U

34. The contract rate (Rate M/BT4, Rate M/BT5, Rate M/BT7, Rate T-1 and Rate T-2) demand represents approximately 56% of firm demand served by the Panhandle System as of Winter 2022/2023. /U

35. 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 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. /U

ii. General Service Growth Forecast

36. Approximately 44% of the firm demand served by the Panhandle System is for general service customers as of winter 2022/2023. Enbridge Gas forecasts that general service customer demand in the Panhandle Market will increase by approximately 4.6% between winter 2022/2023 and 2030/2031. Incremental /U

demands from general service customers make up approximately 6% of the incremental capacity of the proposed Project.

37. 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.

38. 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[8].

39. 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 ("GHG") emissions 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

[8] This timeframe includes scope development, design, regulatory process, expropriation, permitting, material procurement, construction, and commissioning, as applicable.

ways and, depending on the initiative, will have a variety of impacts on annual and peak-hour natural gas demand/consumption;[9]

- 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.

40. 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.

iii. Total Panhandle System Growth Forecast

41. Table 2 below summarizes the Design Day demand forecast for the Panhandle System, based on the discussion in the sections above. /U

[9] 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.

Table 2: 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)	317	308	310	306	308	310	312	314	315	317	319	320
Contract Firm (Total excluding Power Generators)	218	241	256	286	316	329	342	354	367	380	393	406
Power Generators - Firm Contract only	105	106	106	106	106	163	195	195	195	195	195	195
Total System Demand Forecast	**640**	**656**	**672**	**698**	**730**	**802**	**849**	**863**	**878**	**892**	**906**	**921**
General Service Firm (Total Incremental Demand)	19	-9	2	-4	2	2	2	2	2	2	2	1
Contract Firm (Incremental excluding Power Generators)	3	23	14	30	30	13	13	13	13	13	13	13
Power Generators - Firm Contract only (incremental)	0	1	0	-1	0	57	32	0	0	0	0	0
Total Incremental Demand Forecast	**22**	**16**	**16**	**26**	**32**	**72**	**47**	**15**	**14**	**14**	**14**	**14**
Total Incremental Demand Forecast (Cumulative)				**26**	**58**	**130**	**177**	**191**	**206**	**220**	**235**	**249**

D. System Growth Benefits

42. 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.

43. Ontario's underground natural gas storage facilities (namely the Dawn Hub) provide ratepayers' access to affordable and reliable natural gas supply. This access has become increasingly important due to the increased frequency and severity of extreme weather events experienced across North America in recent years as discussed in Exhibit B, Tab 3, Schedule 1. 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. The importance of reliable infrastructure and availability of storage to backstop supply shortfall is paramount to providing firm service with price stability during periods of extreme weather. /U

44. 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.

45. 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.

46. 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

47. 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.

48. Natural gas is uniquely suited to the greenhouse sector. It is used to heat greenhouses and to supply the carbon dioxide requirements ("CO_2") of the growing plants. A common practice within the greenhouse sector is to capture the CO_2 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.

49. The greenhouse sector does not currently have a viable economic alternative to replace natural gas for heat and CO_2 production.

50. 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_2 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_2 would also be required to maintain production levels.

51. 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.

52. On average, every acre of greenhouse development: i) creates jobs for five employees, ii) results in significant capital investment of approximately $2,000,000, iii) results in additional spin-off employment, and (iv) annually produces approximately $370,000 worth of produce (2021 farm gate value). /U

53. 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[10]. This industry provides approximately 14,500 jobs in Southwestern Ontario and supports food processing plants and packagers located in the area. Greenhouse vegetable production is integral to a strong and resilient domestic food supply system and produces nutritious and affordable food for Ontarians.

54. On the 2023 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 (75% of bids provided feedback), a total of 6,900 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 $4.5 billion. /U

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

55. 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

56. The IESO's 2022 Annual Planning Outlook ("APO") electricity demand forecast anticipates a rise in the average growth of electricity demand in Ontario, reaching about 1.9% annually compared to 1.7% in the 2021 forecast.[11] Due to the demand growth, along with nuclear retirements/refurbishments and expiring generation contracts, the IESO is anticipating to experience electricity capacity shortfalls by the mid-2020s. /U

57. On October 6, 2022, Ontario Minister of Energy Todd Smith issued a Minister's Directive to the IESO to procure approximately 4,000 MW of capacity, with up to 1,500 MW of natural-gas fired generation, to ensure the reliable operation of Ontario's electricity system in response to ongoing and growing electricity needs expected in the future.[12] The Minister's Directive noted the IESO's 2021 finding that natural gas-fired generation plays an important role in the near term to avoid rotating blackouts. /U

58. Following the Minister's Directive, the IESO stated that it will seek to secure the new capacity through long-term procurement processes with in-service dates ranging from 2025 to 2027.[13] The IESO also re-iterated that without new natural gas-fired /U

[11] https://www.ieso.ca/-/media/Files/IESO/Document-Library/planning-forecasts/apo/Dec2022/2022-Annual-Planning-Outlook.ashx
[12] https://www.ieso.ca/-/media/Files/IESO/Document-Library/corporate/ministerial-directives/Directive-from-the-Minister-of-Energy-20221007-resource-eligibility.ashx
[13] Resource Eligibility Interim Report | October 7, 2022, p. 8

generation in the near term, the IESO would be reliant on emergency actions such as conservation appeals and rotating blackouts to stabilize the grid.

59. As per the IESO, the Brighton Beach Generating Station ("BBGS") will play a particularly critical role in meeting localized power generation needs between 2024 and 2028.[14] With demand for electricity continuing to grow, it is anticipated that BBGS will continue to play a significant role in maintaining energy reliability in the region and will serve increased peak period electricity demand growth in the Southwest Region beyond 2028. Additionally, the IESO's May 16, 2023 Resource Adequacy Update stated that the IESO has finalized a 10-year agreement for the continued operation of the BBGS facility, including a 42.5 MW efficiency upgrade for the facility.[15] /U

60. In January 2023, Windsor City Council voted to support an energy proposal from Capital Power to pursue an expansion at its existing East Windsor Cogeneration Centre location related to the above mentioned IESO procurement.[16] The IESO's May 16, 2023 Resource Adequacy Update highlighted that the East Windsor Cogeneration Centre location was awarded an incremental 100 MW contract.[17] /U

61. It is Enbridge Gas's understanding that these near-term and longer-term needs have driven requests for incremental firm service from these customers, and the /U

[14] IESO Annual Planning Outlook, December 2021, p. 57, https://www.ieso.ca/-/media/Files/IESO/Document-Library/planning-forecasts/apo/Dec2021/Demand-Forecast-Module.ashx
[15] https://www.ieso.ca/-/media/Files/IESO/Document-Library/resource-adequacy/ieso-resource-adequacy-update-May2023.ashx
[16] https://windsorstar.com/news/local-news/capital-powers-natural-gas-turbine-expansion-in-windsor-approved
[17] https://www.ieso.ca/-/media/Files/IESO/Document-Library/resource-adequacy/ieso-resource-adequacy-update-May2023.ashx; https://ieso.ca/-/media/Files/IESO/Document-Library/long-term-rfp/ELT1-RFP-Selected-Proponents.ashx

incremental firm service needs from these customers are reflected in the Panhandle System's demand forecast.

62. A letter of support for the Project from Atura can be found at Attachment 5 to this Exhibit. A letter of support for the Project from Capital Power can be found at Attachment 7 to this Exhibit. /U

Automotive Sector in Southwestern Ontario

63. 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[18].

64. 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 /U

[18] https://files.ontario.ca/medjct-driving-prosperity-ontario-automotive-plan-phase-2-en-2021-11-23.pdf

NextStar.[19] Natural gas plays a critical role in meeting the energy needs of the EV, EV battery and EV battery component manufacturing sector.

65. 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 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.

66. A letter of support for the Project from Stellantis can be found at Attachment 6 to this Exhibit. As discussed in paragraph 18 above, Enbridge Gas has since finalized a contract with NextStar for service commencing in September 2023, using a portion of the remaining Panhandle System existing capacity. However, the broader system benefits of the proposed Project outlined by Stellantis in Attachment 6 including access to reliable and affordable natural gas supply to support future investments and developments in the local economy remain relevant. /U

E. Project Timing and Enbridge Gas Growth Plans

67. 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:

[19] 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

> "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."[20]

68. Exhibit D, Tab 1, Schedule 1 describes the overall Project and construction schedule. Construction of the NPS 36 pipeline and ancillary measurement station facilities is planned to commence in Q1 2024 and to be placed into service by November 2024, and construction of the pressure regulation and measurement facilities within the Dawn Yard is planned to commence in Q2 2025 and to be placed into service by November 2025. 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. /U

69. 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.

70. 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

[20] EB-2021-0148, Exhibit B, Tab 2, Schedule 3, P. 8

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)." [21]

/U

F. Conclusion

71. 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.

72. 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, 2024.

73. 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.

[21] EB-2021-0181, Exhibit C, Tab 2, Schedule 1, P. 88

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^3/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 m3/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**.** 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**

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

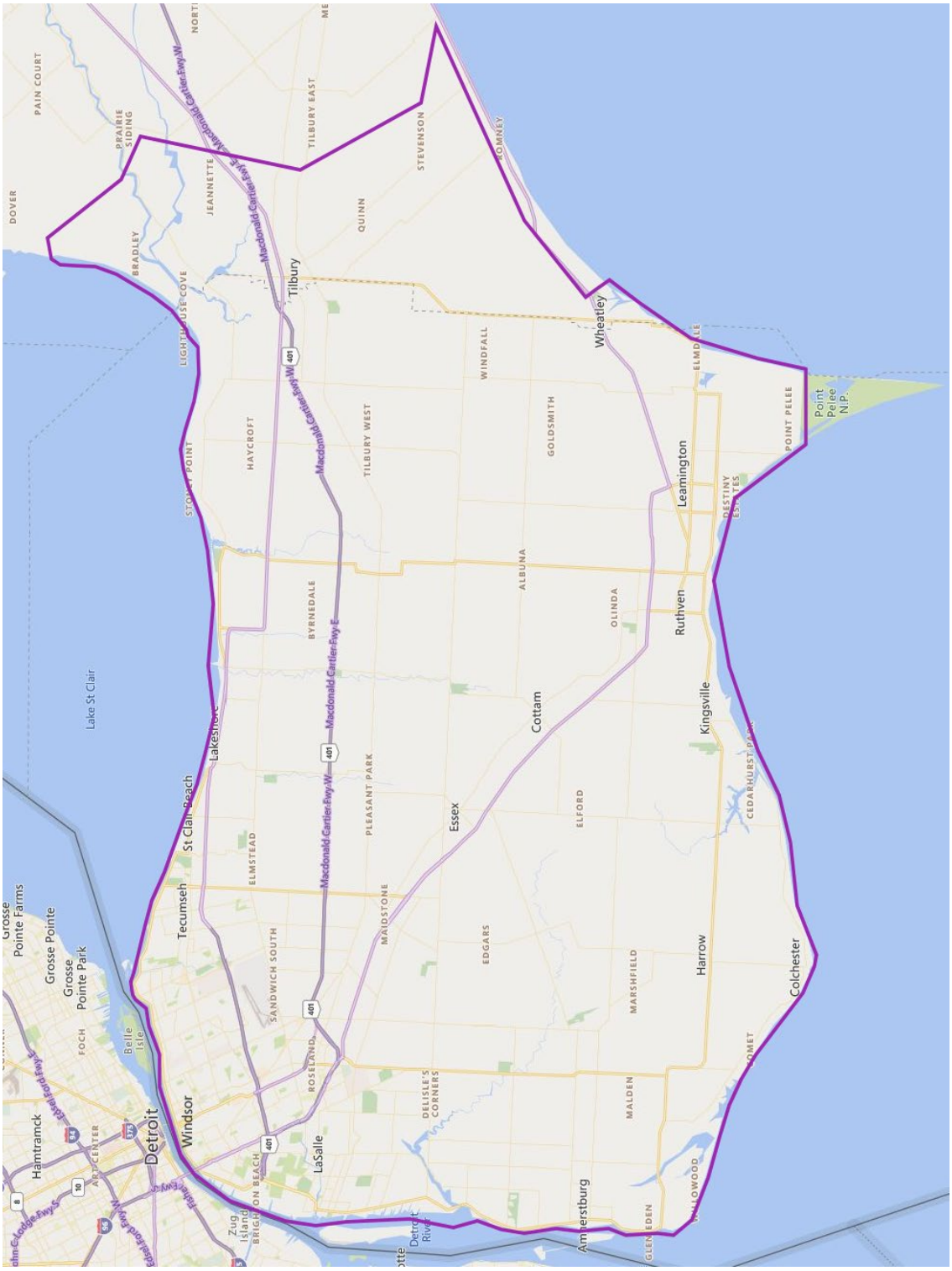
Patrick Boyer
Account Manager
Cell: (519) 436 4915
Patrick.Boyer@enbridge.com

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

Sutha Ariyalingam
Manager, Strategic and Power Markets
Cell: (647) 241 9969
Sutha.Ariyalingam@enbridge.com

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

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^3/h)											
Cumulative											

Ultimate incremental **firm** gas needs over planning horizon: _____ m^3/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^3/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^3/h)											
Cumulative											

Ultimate incremental **interruptible** gas needs (over planning horizon):_____ m^3/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^3/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):

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^3/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^3/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):

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

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**.** 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:

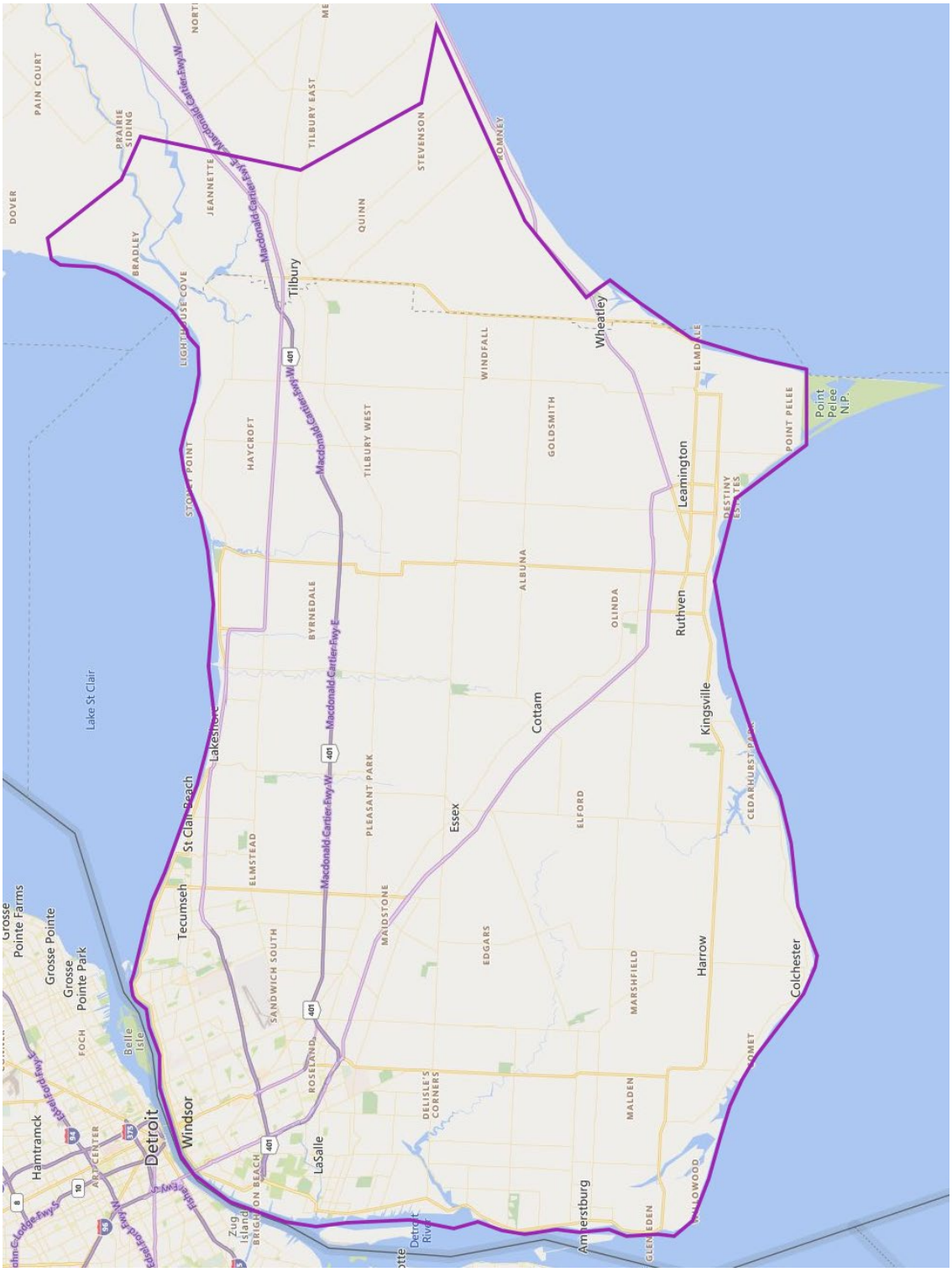
Patrick Boyer
Account Manager
Cell: (519) 436 4915
Patrick.Boyer@enbridge.com

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

Mark Noce
Account Manager
Cell: (289) 659 3667
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

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^3/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^3/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:

_____

_____

Bidder's legal name: _____

Name of Authorized Representative: _____ _____
Please Print Signature

Phone: _____ Email: _____

Dated this ____ day of _____, 2021

CHATHAM-KENT CHAMBER of COMMERCE

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

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,

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.

(519) 255-6315 • 350 City Hall Square West, P.O. Box 1607, Windsor, Ontario N9A 6S1 • FAX: (519) 255-7796
E-mail: mayoro@city.windsor.on.ca

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,

Drew Dilkens
Mayor of the City of Windsor

County of Essex

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

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.

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

INVEST WINDSOR ESSEX

May 3, 2022

Enbridge Gas Inc.

Attention: Mr. Brian Lennie – *Sent via email* 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,



C. Stephen MacKenzie
President & Chief Executive Officer

p: +1 519-997-2399
m: 226-345-1256
e: smackenzie@investwindsoressex.com

Leamington DISTRICT CHAMBER OF COMMERCE Established 1936

318 Erie Street South, Leamington, ON N8H 3C5 -519-326-2721
www.leamingtonchamber.com/wendyp@leamingtoncahmber.com

April 13, 2022

Enbridge Gas Inc.
Brian Lennie via email 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,

Wendy Parsons
General Manger
LDCC

Jen Dawson
Chamber Board President
LDCC

April 26, 2022

Enbridge Gas Inc.
Brian Lennie
Via email 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.

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.

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
kingsvilleworks@kingsville.ca

VIA EMAIL (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,

Sandra Kitchen

Sandra Kitchen, Deputy Clerk-Council Services
Legislative Services Department
skitchen@kingsville.ca

WINDSOR-ESSEX REGIONAL
Chamber of Commerce

April 13, 2022

Enbridge Gas Inc.
Brian Lennie via email 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

2565 Ouellette Ave., Suite 101 Windsor, ON N8X 1L9 | Phone: (519) 966-3696 | Fax: (519) 966-0603
WWW.WINDSORESSEXCHAMBER.ORG

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

SUNSET
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

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,

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

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

nature fresh farms

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

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,

John Ketler
President

525 Essex rd 14, PO Box 400
Leamington, ON N8H 3W5
T: 519 326 8603
info@naturefresh.ca
naturefresh.ca

ONTARIO
GREENHOUSE
VEGETABLE GROWERS

32 Seneca Road
Leamington ON
N8H 5H7
OGVG.com

June 1, 2023

Enbridge Gas Inc.
Brian Lennie
50 Keil Dr. N, Chatham, ON

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

Dear Mr. Lennie,

On behalf of Ontario's Greenhouse Vegetable Growers, we are pleased to provide this letter of support to Enbridge Gas Inc. regarding Enbridge's planned Panhandle Regional Expansion Project. The OGVG represents over 175 greenhouse vegetable farms in Ontario producing more than 3,800 acres of fresh tomatoes, cucumbers, and peppers year-round. Greenhouse vegetable production is integral to a strong and resilient domestic food supply system and producing nutritious and affordable food for Ontarians remains extremely important. As the sector continues to evolve, the need for serviced lands accessible to natural gas infrastructure is vital to both the sector and the provinces' goal of increasing food production capacity.

The greenhouse vegetable sector has grown at a rate of 5% over the past decade, and is positioned to continue that growth trajectory, creating more jobs, food, and economic opportunities for Ontario. Additionally, the role greenhouse vegetable farms are positioned to play for clean electricity regulation utilizing combined heat and power engines is yet another strategic opportunity for food and energy production, as well as creating necessary conditions for multi-sector development in the Southwest region of Ontario. The expansion of natural gas infrastructure by way of the Panhandle project would enable nearly 3,000 acres of additional land to be developed by 2030, which at $2 M of capital investment per acre would result in $6b of private investments that would result in the creation of 24,000-30,000 additional, well-paying jobs.

Natural gas is integral to greenhouse agriculture, as our efficiency in recapturing heat and carbon dioxide to regulate temperature and drive photosynthesis to maximize crop yield is more than 90%. Winter crop production is reliant on utilizing natural gas in the fall and winter months, where cogeneration units power lights to help cultivation. This project is critical to attracting downstream businesses in the value chain that additionally benefit the region economically, both directly and indirectly. Ontario's greenhouse vegetable growers operate their farms and grow food for Canadians under already challenging economic conditions. Under no circumstance should these growers be required to pay additional monetary contributions to support this transmission project. The importance of this infrastructure investment cannot be understated. An investment in the future of Ontario food production capabilities would be strategic to support sustainable agriculture in this province.

Sincerely,

Richard Lee
Executive Director

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

May 17, 2023

Paolo Mastronardi
Manager, Strategic & Power Markets
Enbridge Gas Inc.
50 Keil Drive Chatham, Ontario

Re: Panhandle Regional Expansion Project (EB-2022-0157)

Dear Paolo,

Atura Power supports the Panhandle Regional Expansion Project proposed by Enbridge Gas Inc. ("Enbridge") and has executed a distribution contract to secure pipeline capacity for firm natural gas delivery to it's Brighton Beach Generating Station ("BBGS") located in Windsor, Ontario.

BBGS is part of the largest most efficient gas-fired fleet in Ontario and provides reliable, low-cost power to help meet the energy needs of the province. BBGS's flexible energy supply is readily available during peak demand periods with the ability to adjust output on a 5-minute basis to help meet intra-hour changes in Ontario's electricity demand.

Atura Power has recently executed a contract with the Independent Electricity System Operator ("IESO") for a term of 10 years where BBGS will continue to supply much-needed electricity in the Windsor-Essex region. In it's December 2021 Annual Planning Outlook, the IESO acknowledged the need for the continued operation of BBGS (as also outlined in the 2021 Annual Acquisition Report) to support local reliability needs in the near-term. BBGS is the only supplier in the area with sufficient scale to address the immediate need to support the growing loads in the area.

Furthermore, as Ontario demand continues to increase and electrification is expected to grow, this requires new flexible and on-demand electricity supply resources. Acknowledging this need, the IESO initiated various procurement processes to meet this increased demand through a diverse supply mix, including same technology upgrades, facility expansions, natural gas fired generation and battery energy storage systems ("BESS").

In response to the IESO's request for increased electricity generation capacity, Atura Power has finalized a 10-year agreement for the continued operation of BBGS, including a 42.5 MW efficiency upgrade for the facility. Additionally, through the IESO's Same Technology Upgrades Solicitation process, Atura has executed agreements for efficiency upgrades at its Portlands Energy Centre and Halton Hills Generating Station as well as being a selected proponent through the IESO's Expedited LT1 process for a proposed Electricity Storage Facility to be located in Greater Napanee.

Firm natural gas delivery service is required for Atura Power to increase its electricity output at BBGS, and, therefore, we strongly support Enbridge's Panhandle Regional Expansion Project to ensure BBGS receives the gas supply it needs to help meet local reliability and the province's growing electricity needs.

Sincerely,

N Vasquez

Noralyn Vasquez
Manager, Contracts and Settlements

FCA
FIAT CHRYSLER AUTOMOBILES

May 12, 2022

Sent Via E-Mail to 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

FCA Canada Inc.
P.O. Box 1621, Windsor, ON N9A 4H6

Capital Power
1200-10423 101 Street NW
Edmonton, AB T5H 0E9

May 19, 2023

Mr. Paolo Mastronardi
Manager Strategic & Power Markets
Enbridge Gas Inc.
50 Keil Drive Chatham, ON N7M 5M1

RE: Panhandle Regional Expansion Project – Capital Power support

Dear Mr. Mastronardi,

Capital Power is providing this letter in support of Enbridge Gas Inc.'s Panhandle Regional Expansion Project.

Capital Power is a growth-oriented North American power producer, publicly traded (TSX:CPX), and headquartered in Edmonton, Alberta. The company works to deliver responsible power for communities across Canada and the U.S. through the development, acquisition, ownership, and safe operation of renewable and thermal power generation facilities. Currently, we own approximately 7,500 MWs of power generation capacity at 29 facilities across North America. The company is committed to being net zero by 2045 by expanding our use of renewable energy, employing storage to optimize those sources, and transition to carbon neutral thermal generation through carbon capture and hydrogen technologies. In Ontario, we own five power generation facilities, including three natural gas-fired and two wind farms, representing approximately 1,300 MWs of installed capacity.

Capital Power owns the 84MW East Windsor Cogeneration facility and was recently awarded a 106 MW expansion project at our East Windsor location under the IESO's Expedited Long Term Procurement Process (ELT1). The ELT1 process targeted 600 MW of non-storage capacity, which included gas-fired generation. This target reflected the IESO's findings set out in its *Resource Eligibility Interim Report*, and its recommendation to the Ontario Ministry of Energy that Ontario procure up to 1500 MW of additional natural gas-fired generation.[1] The IESO's recommendations were supported by its analysis showing that without a limited amount of new natural gas-fired generation in the near term, emergency actions such as conservation appeals and rotating blackouts would be required to stabilize the grid.[2]

The Enbridge expansion project will have a direct impact on fuel deliverability within the region, which includes Capital Power's East Windsor site. The importance of new electricity supply in the region was noted in the IESO's 2021 Annual Acquisition report, in which the IESO identified a localized need for additional electricity generation in the West of London region, including the city of Windsor. Capital Power's East Windsor expansion project will help the province address local and bulk system reliability and support the economic growth in the region.

[1] *IESO Resource Eligibility Interim Report*, available at https://www.ieso.ca/-/media/Files/IESO/Document-Library/resource-eligibility/resource-eligibility-interim-report.ashx
[2] *ibid*

Capital power supports the Panhandle Regional Expansion Project. If the project moves forward Capital Power will look to secure additional transportation capacity. Our expansion project is contingent upon it, as are the needs of the provincial electricity system.

Sincerely,



Chris Sutherland
Director, Commercial Management
Capital Power Corporation

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February 23, 2023

Panhandle Regional Expansion Project
Expression of Interest and Reverse Open Season

On February 1, 2023, Enbridge Gas Inc. ("**Enbridge Gas**") submitted a request to the Ontario Energy Board ("**OEB**") to hold the leave-to-construct application for the Panhandle Regional Expansion Project (the "**Project**") in abeyance until August 2023 to allow time to update Project costs, the capacity position of the Panhandle System and customer demand forecasts (OEB Case No. EB-2022-0157). This will ensure the efficient expansion of natural gas facilities in the region.

The proposed Project is a transmission project that will help meet forecast demand within a large area of benefit and will supply the distribution networks which directly serve end-use customers. No customers will be directly connected to the proposed transmission facilities.

Enbridge Gas is conducting this second Expression of Interest and a concurrent Binding Reverse Open Season to reconfirm market demand in the Panhandle market area. It is important that in the contemplation of any bid, customers fully consider opportunities that may reduce their firm demand requirements, including Demand Side Management, interruptible rates, and alternative sources of energy.

Information received during this process will inform Enbridge Gas as to whether any changes to the Project are required.

Enbridge Gas is also requesting that customers expressing interest in new firm capacity provide additional information regarding their request to support the updates to the Project application that will be filed later this year.

Non-Binding Expression of Interest:

Enbridge Gas is once again inviting all large volume commercial, industrial, power generation and greenhouse customers to submit non-binding bids to express interest in new capacity (relative to their existing contracted capacity). For clarity, *any customers who participated in Enbridge Gas' 2021 Non-Binding Expression of Interest should submit a new bid form as part of this Expression of Interest for the full amount of additional capacity required in 2024 and beyond*. Unless Enbridge Gas receives a new bid form, the company will assume that no new capacity is required. The purpose of this Expression of Interest is to gather large volume customer input to generate an informed forecast that identifies the location, timing and magnitude of customer growth. Large volume customers are those consuming at least 50,000 m3/year or more. Small volume customers interested in capacity should submit their request via the Get Connected website.[1]

[1] https://www.enbridgegas.com/connect-to-gas

The information gathered through the Expression of Interest process will be used to confirm and evaluate the alternatives with the potential to meet the demands and timing identified.

Depending on customer location, additional local reinforcement may also be required to serve new and existing customers in this developing area.

Existing customers should submit only one bid form for each site. Existing customers or potential new customers contemplating an expansion on a new site/address should submit a bid form for each new site/address.

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

Depending upon market interest received, the Project will create capacity for the following services:

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

This Expression of Interest and Binding Reverse Open Season process will close by, and completed bid forms are due no later than, **12 p.m. EDT on Thursday, April 6, 2023.**

Service Description and Details

1. As this Project requires a significant capital investment by Enbridge Gas, the term of customers' associated 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 those currently approved and posted by the OEB to support the cost of constructing customer-specific distribution related facilities. The facilities, rates and services included in this Expression of Interest are subject to OEB approval and sufficient interest being received to justify the Project. To ensure the continued efficient expansion of natural gas facilities in the region, the final scope of the proposed Project facilities will be informed by the demand forecast that results in part from this Expression of Interest process.
2. Submitting an Expression of Interest form:
   If you wish to participate in this Expression of Interest relating to 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**.** Completed bid forms must be returned by email on or before 12 p.m. EDT on Thursday April 6, 2023.

Expression of Interest Process and Bid Form

This process is designed to gauge market demand in the Panhandle market area and to assist Enbridge Gas with determining the optimal facility requirements to meet market needs. Enbridge Gas will acknowledge receipt of all bid forms by email on or before the end of day on Tuesday, April 11, 2023. 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.

Successful bidders will then be asked to commit to the capacity by executing a Letter of Indemnity or an Enbridge Gas Distribution Contract to more formally support the need for the Project. **Any updates to the Expression of Interest process or timelines will be posted online here: www.enbridgegas.com/PanhandleRegionalExpansion**

Binding Reverse Open Season:

Concurrent with this process to express interest in new or incremental capacity, all existing contract rate class customers in the area of benefit are being offered the opportunity to "turn back" or de-contract their capacity via a concurrent Binding Reverse Open Season. Customers also have the option to convert existing firm distribution service to interruptible service.

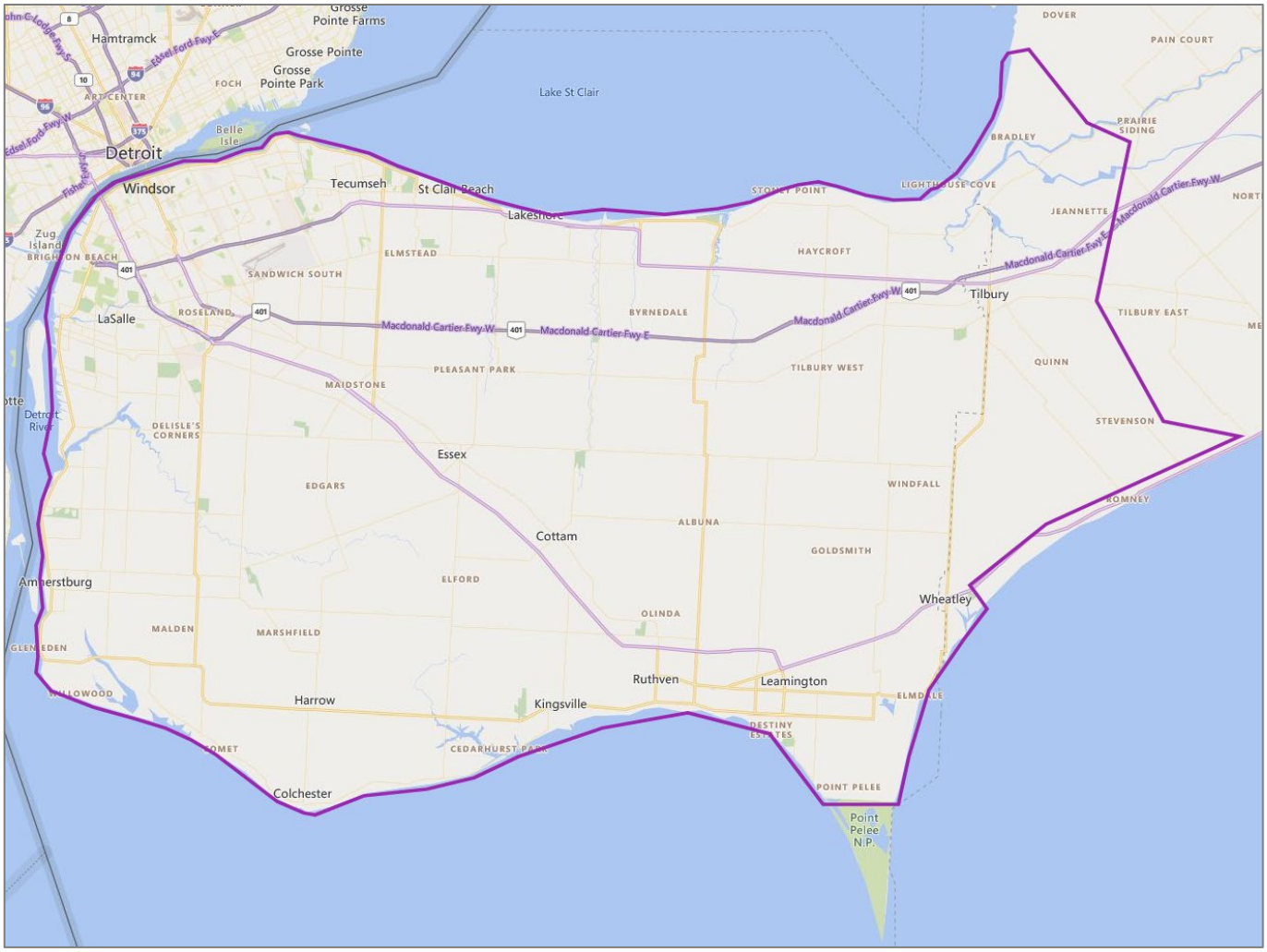
Any capacity turned back by customers through the Binding Reverse Open Season will be used to minimize any facilities deemed to be required to serve incremental demand.

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

Patrick Boyer Account Manager Cell: (519) 436 4915 Patrick.Boyer@enbridge.com	Awais Zulfiqar Account Manager Cell: (519) 784 6567 Awais.Zulfiqar@enbridge.com	Matt Ciupka Economic Development Specialist Cell: (519) 784 3919 Matt.Ciupka@enbridge.com

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, industrial or power generation customers considering developments within this area over the next five to ten years are encouraged to participate in this Non-Binding Expression of Interest.



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Panhandle Regional
Expansion Project

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 p.m. EDT on Thursday April 6, 2023**, via email to Economic.Development@enbridge.com

Based on the responses received through this Expression of Interest and Binding Reverse Open Season, Enbridge Gas will be able to confirm the optimal solution required to support market needs, including whether to proceed with the Project as proposed or with a refined scope. 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 public submissions to the Ontario Energy Board. Enbridge Gas in its sole discretion reserves the right to reject any and all bids received.

Property address: _____ SA: _____
911 address | X,Y (latitude and longitude, if known) | (if known)

❑ **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	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Incremental (m^3/h)										
Cumulative (m^3/h)										

Total new **interruptible** gas needs (over planning horizon): _____ m^3/hour

❑ **Conversion of existing 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	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Incremental (m^3/h)										
Cumulative (m^3/h)										

What are the driving factors behind the request to convert current interruptible service to firm service?

_____

❑ **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	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Incremental (m^3/h)										
Cumulative (m^3/h)										

Total new **firm** gas needs over planning horizon: _____ m^3/hour

Please provide responses to following questions if you have expressed interest in new **FIRM** natural gas needs in the table above.

Interruptible service as an alternative to new Firm service:

Is interruptible service a viable option for your business/operations (i.e., could your operations accommodate service interruptions lasting one or more days on multiple occasions per year?) Yes / No

- If no, please explain why.

_____

(i.e. disruption to operations, alt fuel cost/availability/emissions, potential loss of production/product, etc.)

- If yes, how would you ensure compliance with a service interruption?

_____

(i.e. switch to alternate fuel source, shut down operations/processes etc.)

Would you be more inclined to consider interruptible service over new Firm service if the ability to negotiate lower than posted interruptible rates was available? Yes / No

- If no, please explain why.

_____

- If yes, please indicate the interruptible distribution delivery rate that would be required for you to consider interruptible service as an alternative to new Firm service ($/m^3/day or percentage reduction in the distribution rate)

_____

Natural Gas Conservation:

Has Enbridge Gas discussed energy conservation program offerings with you? Yes / No

☐ By checking this box, we confirm that the bid amounts reflected above are inclusive of all future expected natural gas conservation activities (including natural gas conservations activities within and outside of Enbridge Gas' Demand Side Management programs, and the use of non-natural gas alternative options).

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 greenhouse gas emissions or costs by displacing an alternative energy source etc.): _____

Total Incremental distribution service capacity (New firm + conversion of Interruptible): _____ m^3/hour

Total job impacts related to economical access to natural gas (total new + current "at risk"): _____ jobs

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Customer Conditions Precedent for **growth:** If the Customer's Expression of Interest for growth is subject to Conditions Precedent, please indicate those conditions below. Please attach a separate page with details if additional space is required.

_____

_____

_____

Customer's legal name: _____

Name of Authorized Representative: _____ _____
Please Print Signature

Phone: _____ Email: _____

Dated this ____ day of _____, 2023

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Panhandle Regional
Expansion Project

Distribution Service Binding Reverse Open Season Bid Form:

Please complete, sign and return this Binding Reverse Open Season Bid Form ("**Bid Form**") on or **before 12 p.m. EDT on Thursday April 6, 2023**, via email to Economic.Development@enbridge.com

It is understood that Enbridge Gas will review and acknowledge all Bid Forms received on or **before April 11, 2023**. If a bid is accepted, with or without conditions, Enbridge Gas will notify the 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. Enbridge Gas in its sole discretion reserves the right to reject any and all bids received.

Site address: _____ Distribution Contract SA: _____

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.

Reduction start date: November 1, 2024 **Reduction volume:** _____ (m^3/hr)

❑ **Conversion of existing FIRM distribution service to INTERRUPTIBLE distribution service.** The amount of **firm** distribution service at the identified location that the customer would like to convert to **interruptible** service.

Conversion start date: November 1, 2024 **Conversion volume:** _____ (m^3/hr)

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

Reduction start date: November 1, 2024 **Reduction volume:** _____ (m^3/hr)

Interruptible service as an alternative to existing Firm service:

Is interruptible service a viable option for your business/operations (i.e., could your operations accommodate service interruptions lasting one or more days on multiple occasions per year?) Yes / No

- If no, please explain why.

_____

(i.e. disruption to operations, alt fuel cost/availability/emissions, potential loss of production/product, etc.)

- If yes, how would you ensure compliance with a service interruption?

_____

(i.e. switch to alternate fuel source, shut down operations/processes etc.)

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Panhandle Regional
Expansion Project

Would you be more inclined to consider converting existing firm distribution service to interruptible distribution service if the ability to negotiate lower than posted interruptible rates was available?

Yes / No

- If no, please explain why.

_____

- If yes, please indicate the interruptible distribution delivery rate that would be required for you to consider converting existing firm service to interruptible service. ($/m^3/day or percentage reduction in the distribution rate)

_____

Customer Conditions Precedent for **turnback/conversion of capacity**: If the Customer's request to turn back excess or unwanted capacity, or to convert existing firm service to interruptible service, is subject to Conditions Precedent, please indicate those conditions below. Please attach a separate page with details if additional space is required:

_____

_____

_____

Customer's legal name: _____

Name of Authorized Representative: _____ _____
Please Print Signature

Phone: _____ Email: _____

Dated this ____ day of _____, 2023

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, Tab 1, Schedule 1, by the winter of 2024/2025. /U

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

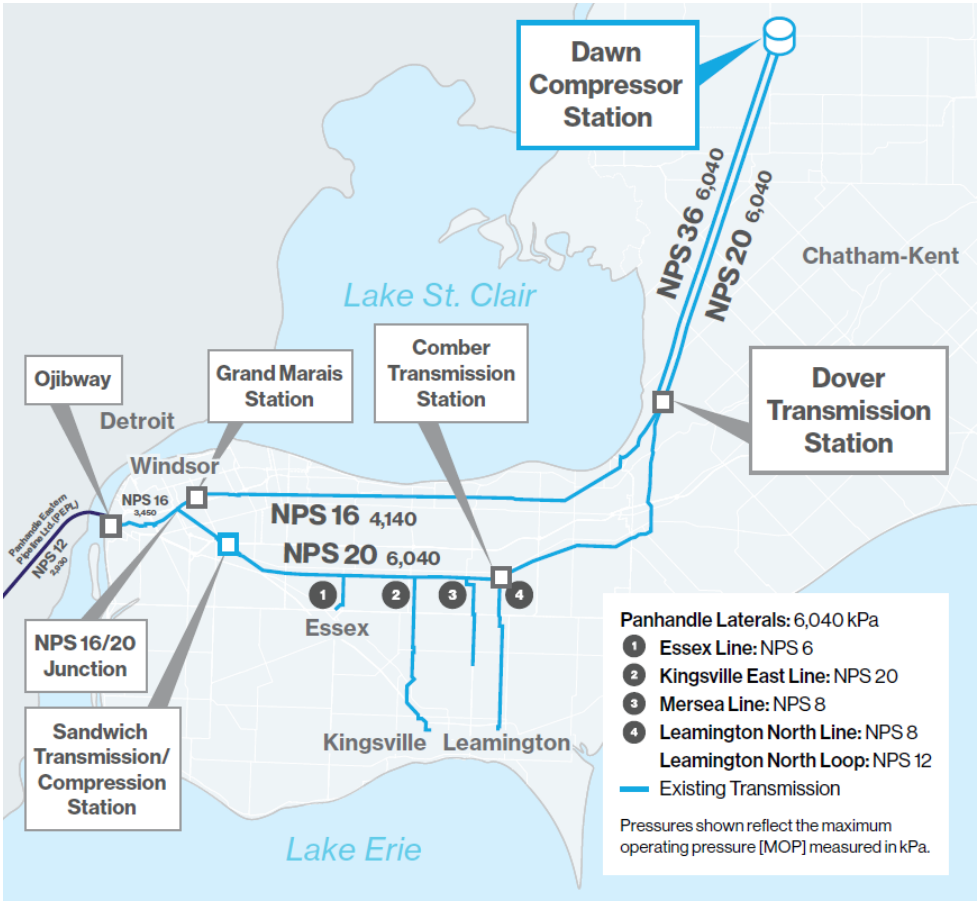
A. Panhandle System Overview

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 reliable, 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 expectations. This increased forecast growth and the resulting network analysis are showing the demands will be greater than the system capacity by the winter of 2024/2025 /U

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[1]. 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")[2] 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") built as part of KTRP[3];

[1] A portion of the NPS 16 pipeline from Ruscom Launcher/Receiver Site to Patillo Station was replaced with an NPS 20
[2] Panhandle Eastern Pipe Line Company, LP is owned by Energy Transfer Equity L.P.
[3] EB-2018-0013 OEB Decision and Order dated September 20, 2018.

iii) A NPS 8 pipeline extending approximately 10 km towards Leamington and Kingsville ("Mersea Line"); and
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[4]. Using a coldest observed on record methodology ensures Enbridge Gas's South Rate Zone[5] 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.

[4] 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.
[5] The South Rate Zone includes customers located west of Mississauga, south of Owen Sound and east of Windsor.

12. The Panhandle System currently has two minimum pressure constraints which must be maintained:
    - 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 627 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

/U

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 to reduce 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 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 to 88 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 108 TJ/d in the summer and 126 TJ/d in the winter.[6] /U /U

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.

[6] In developing the response to the interrogatory at Exhibit I.FRPO.9, Enbridge Gas undertook to review the previous values (Summer 115 TJ/d and Winter 140 TJ/d) using the most recent information from the previous five years. The results of that review indicated that the Panhandle System's ability to accept supply at Ojibway has declined to 108 TJ/d (Summer) and 126 TJ/d (Winter). The methodology used to update these figures is consistent with the original methodology, which is described at EB-2016-0186 Reply Argument, December 30, 2016, P. 26, Para 73.

18. The 108 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 is not artificial[7]. 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: /U /U

> "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."[8]

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."[9]

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.

[7] EB-2018-0013, Exhibit A, Tab 4, P. 4 and EB-2016-0186, Exhibit A, Tab 4, P. 4.
[8] EB-2016-0186 Reply Argument, December 30, 2016, P. 26, Para 73.
[9] EB-2016-0186 Decision and Order (dated February 23, 2017), p. 15.

Table 1 – Ojibway Import Capability to Enbridge Gas Panhandle System

Capacity	Long-Term (Annual) [TJ/d]	Short-Term (Winter-Only) [TJ/d]
Total Ojibway Import Capability	108	126
Gas Supply (Included in Design Day)	60	60
Ojibway to Dawn C1 Service[10]	37	37
Available Import Capacity	11	29

/U

Current System Demand

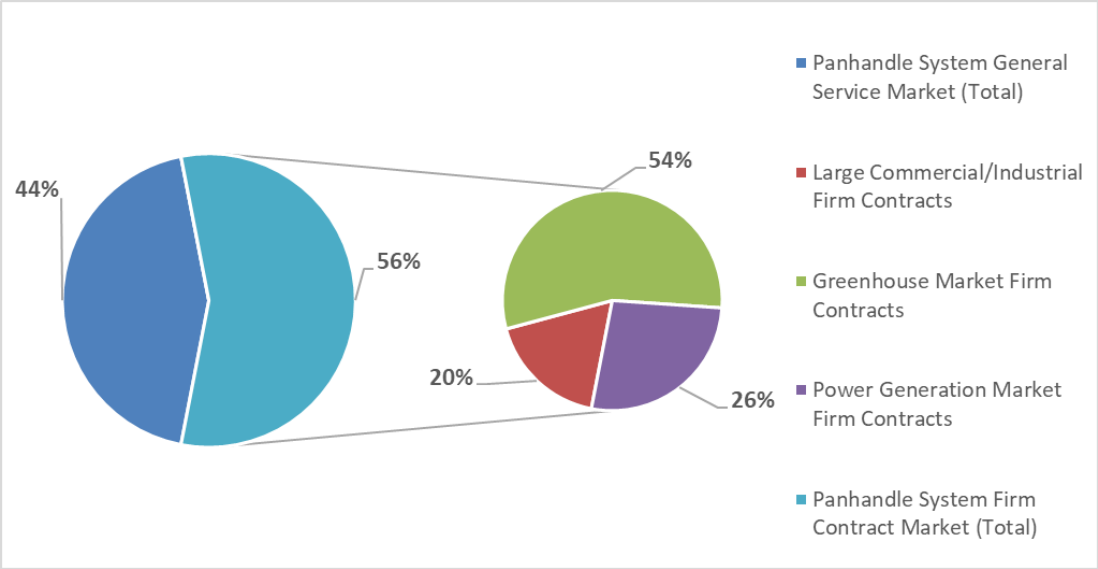
21. On Design Day, Enbridge Gas must have enough capacity to serve all firm in-franchise general service and contract rate demands served by the Panhandle System. Figure 2 below provides a summary of firm demand by customer type for Winter 2022/2023. /U

22. The general service (Rate M1 and Rate M2) demand consists of residential, commercial, and small industrial customers. Approximately 44% of the firm demand served by the Panhandle System is for the general service customers. /U

23. The contract rate (M/BT4, M/BT5, M/BT7, T-1 and T-2) demand accounts for about 56% 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 26% power generation, 54% greenhouse and 20% large commercial/industrial customers. /U

[10] As explained in Exhibit B, Tab 3, Schedule 1, this capacity is held by a single shipper (ROVER Pipeline LLC)

Figure 2: Panhandle System Demand Summary for Winter 2022/2023 /U



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 (where stipulated as such in customer contracts).

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 2022/2023

Service Type	Demands (TJ/d)
General Service (firm)	306
Contract Rate (firm)	392
Contract Rate (Interruptible)	87
Total	785

/U

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 2022/2023 is 737 TJ/day[11]. The forecasted firm demand on the Panhandle System for Winter 2022/2023 is 698 TJ/day. A forecast of the Panhandle System capacity, Design Day demand, and shortfall is detailed in Table 3 below.

/U

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

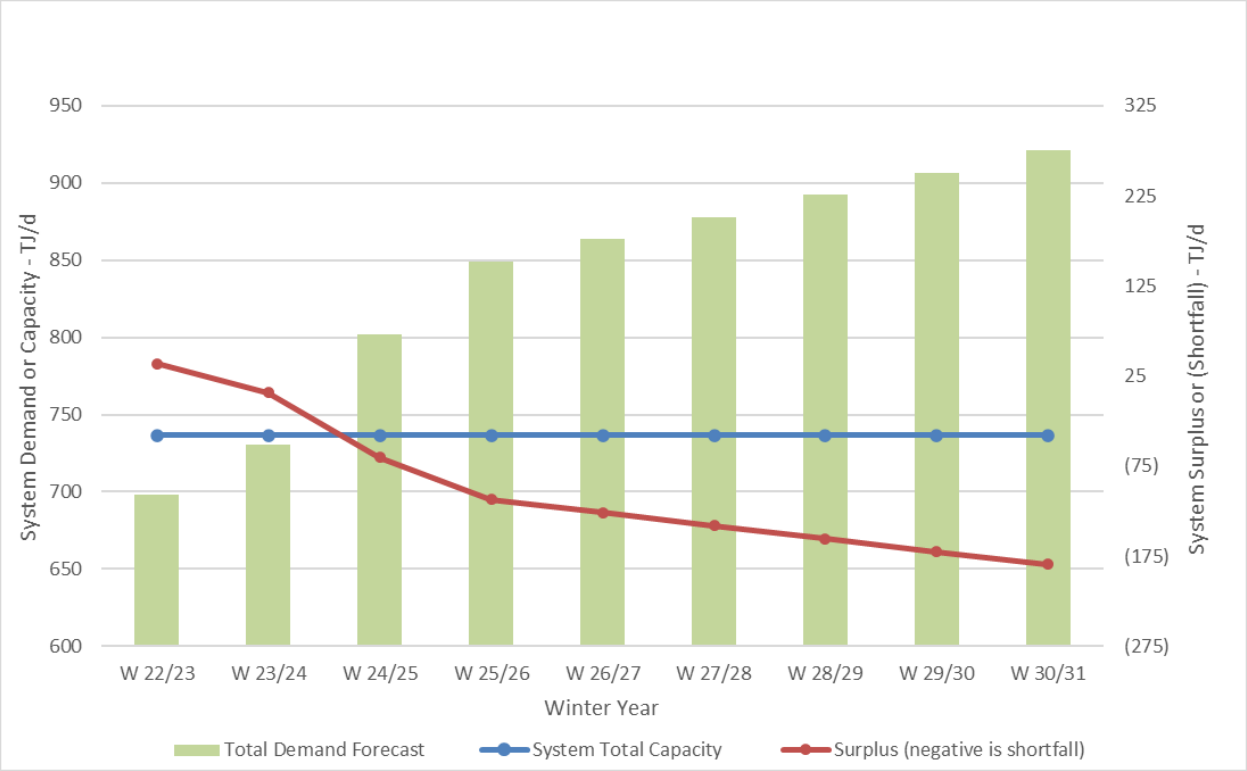
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	Historical Actuals			FORECAST								
	Winter 19/20	Winter 20/21	Winter 21/22	Winter 22/23	Winter 23/24	Winter 24/25	Winter 25/26	Winter 26/27	Winter 27/28	Winter 28/29	Winter 29/30	Winter 30/31
Panhandle System Capacity (TJ/d)	**725**	**725**	**713**	**737**	**737**	**737**	**737**	**737**	**737**	**737**	**737**	**737**
Design Day Demand Forecast (TJ/d)	**640**	**656**	**672**	**698**	**730**	**802**	**849**	**863**	**878**	**892**	**906**	**921**
Surplus (shortfall is negative) (TJ/d)	84	69	41	38	6	(66)	(112)	(127)	(141)	(156)	(170)	(184)

[11] The existing system capacity has increased since the previous forecast due to differences in the actual location of growth and changes in the energy content of the gas.

28. In Winter 2023/2024, the Design Day demand is expected to increase to 730 TJ/d and is forecast to further increase to a Design Day demand of 802 TJ/d in Winter 2024/2025. This demand exceeds the current system capacity of 737 TJ/d, resulting in a shortfall of 66 TJ/day beginning in Winter 2024/2025. Figure 3 below shows a graphical representation of the forecasted Panhandle System capacity, Design Day demand, and shortfall. /U

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



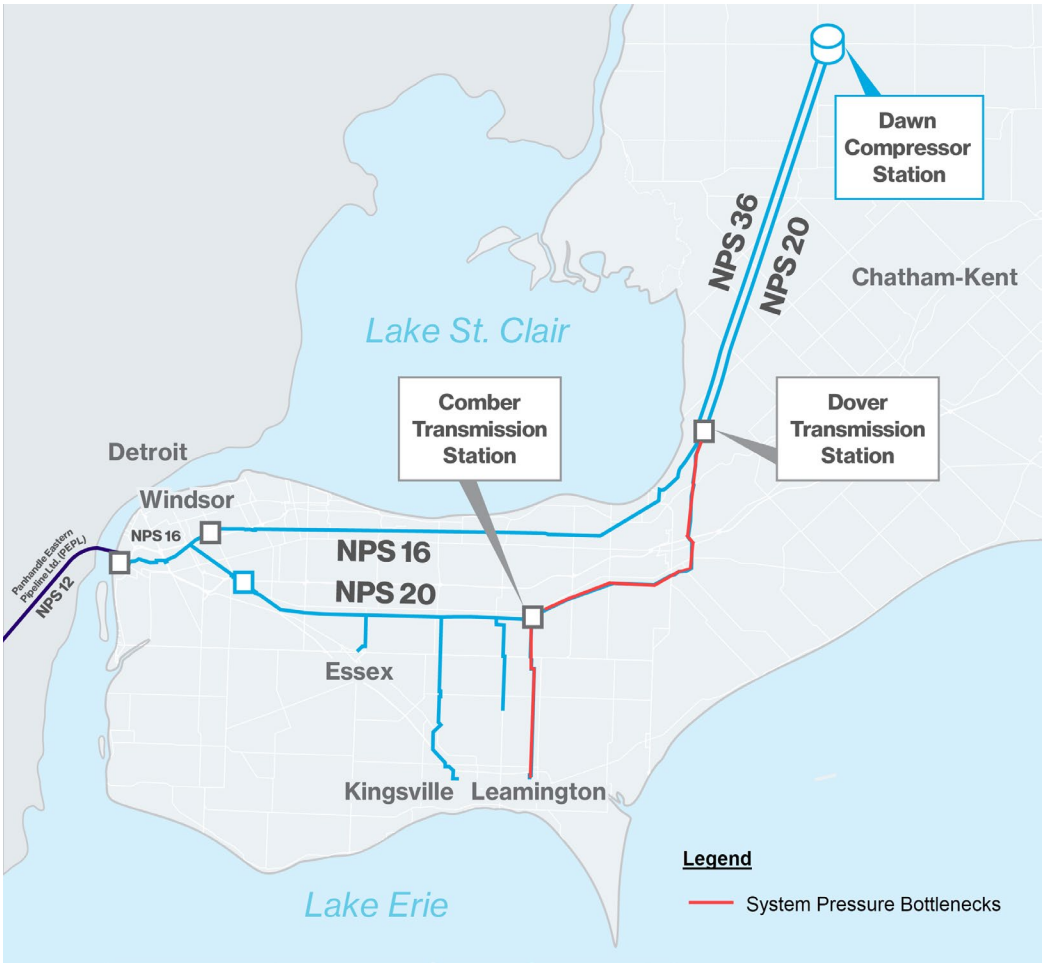
29. Design Day demands are based on the forecast detailed in Exhibit B, Tab 1, Schedule 1

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. 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 2024/2025 Panhandle System schematic showing the network analysis for the Panhandle System assuming no reinforcements are completed. /U

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 2024/2025 is 737 TJ/d and the firm customer demands are 802 TJ/d, resulting in a capacity shortfall of 66 TJ/d. /U

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 1481 kPag, which is less than required. /U

36. In addition, the network analysis shows that the minimum inlet pressure to the Leamington North Gate station is 1580 kPag, which is below the required minimum inlet pressure of 2,275 kPag. /U

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 2024/2025. This is based on the forecast Design Day demand of 802 TJ/d and no changes to the Panhandle /U

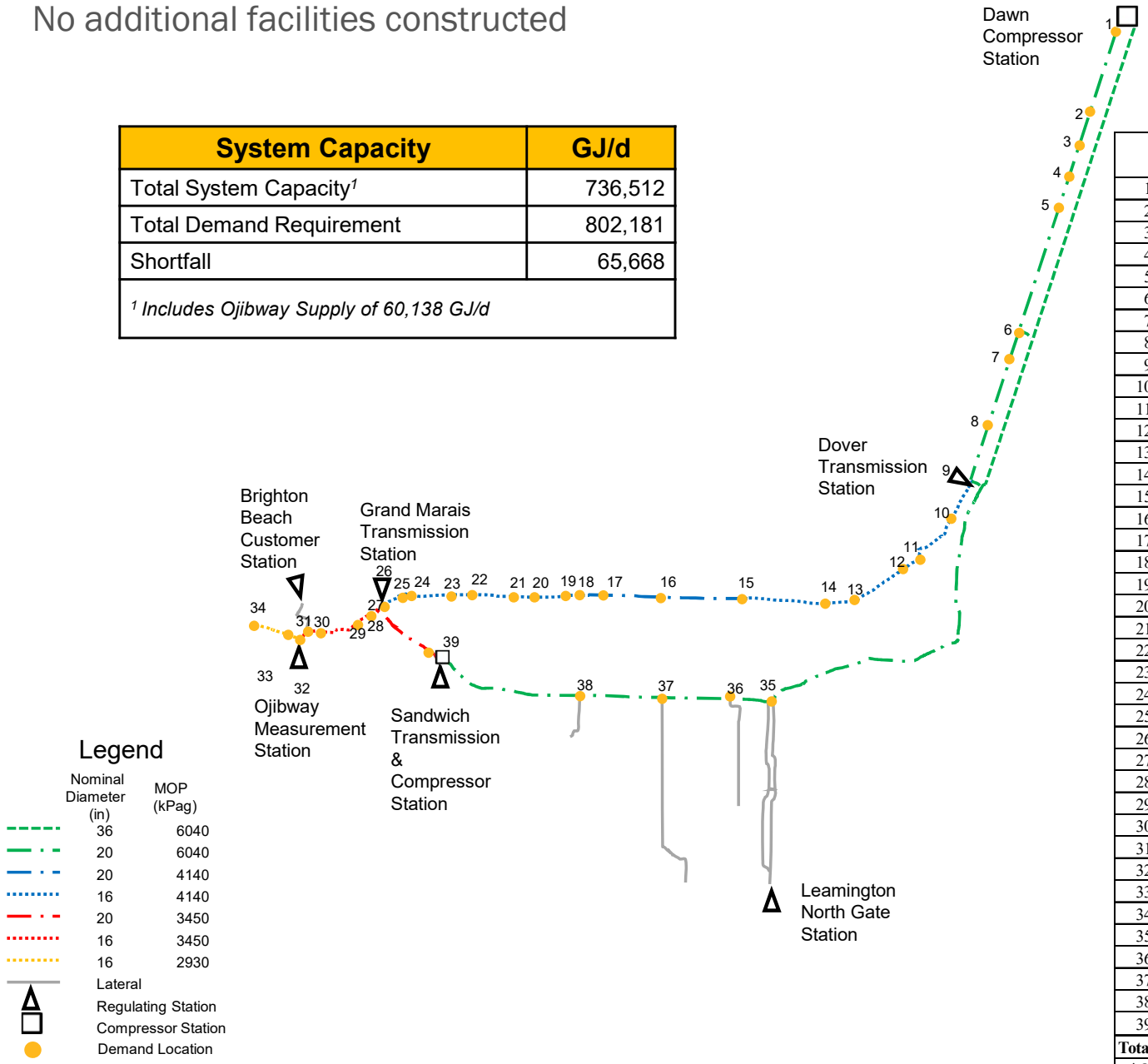
System capacity. To continue to provide reliable firm service to new and existing general service and contract rate customers, Enbridge Gas must address this forecasted shortfall beginning November 1, 2024. The optimal solution to address the forecasted shortfall is the proposed Project, which targets the largest pressure bottleneck on the current Panhandle System (i.e., between Dover Transmission and Comber Transmission Station). /U

Panhandle Transmission System

Winter Design Day Schematic
Winter 2024/2025
No additional facilities constructed

System Capacity	GJ/d
Total System Capacity[1]	736,512
Total Demand Requirement	802,181
Shortfall	65,668

[1] Includes Ojibway Supply of 60,138 GJ/d



	Station Name	Kilometre Post (km)	Demand (GJ/d)	Pressure (kPag)
1	Dawn / Dawn West Lines	0	20251	5978
2	Tolloch & Mandaumin	4.3	0	5959
3	Chatham Gore Conc 4	10	0	5934
4	Lindsay Tile Yard	12.9	44	5921
5	Tupperville	15.2	3984	5911
6	Dover Centre	27	82442	5851
7	Cartier	29.4	0	5841
8	Bechard	34.9	2110	5820
9	Dover Transmission	40	0	5799
10	Bradley	44.1	0	3917
11	T. N. Lighthouse	48.9	200	3710
12	Tilbury North TO	50.7	2934	3629
13	Tilbury Conc 2	55.8	0	3376
14	Stoney Point	58.7	1282	3226
15	St Joachim	65.4	337	2871
16	Belle River	72.6	4280	2739
17	Puce	77.8	2302	2646
18	Wallace	79.4	131	2612
19	Patillo	80.9	5087	2586
20	Elmstead	83	1650	2436
21	Manning	85.2	7691	2276
22	Lauzon TO	88.9	45805	2003
23	Ford Marentette TO	90.7	2071	1952
24	TransAlta / East Windsor TO	94.2	37220	1878
25	Walker	94.9	38746	1851
26	Grand Marais	97.1	27633	1849
27	NPS 16/20 Interconnect	108.1	0	1825
28	Bruce	109.4	5774	1802
29	California	111.4	17518	1705
30	Titcombe	114.9	7583	1580
31	Brighton Beach and WWP	116.2	129371	1481
32	Ojibway Measurement	116.6	29193	1543
33	Ojibway Valve	117.9	0	1571
34	River Crossing	118.6	0	1589
35	Comber*	71.2	170753	2933
36	Mersea	75	44534	2735
37	Kingsville	80	89822	2523
38	Essex	88.1	6986	2386
39	Sandwich Transmission	101.1	14448	2176
Total			**802181**	

*Comber is upstream of the Leamington North Gate Station. The modelled minimum inlet pressure to the Leamington North Gate Station is 1580 kPag which is less than the minimum inlet pressure constraint of 2275 kPa.

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

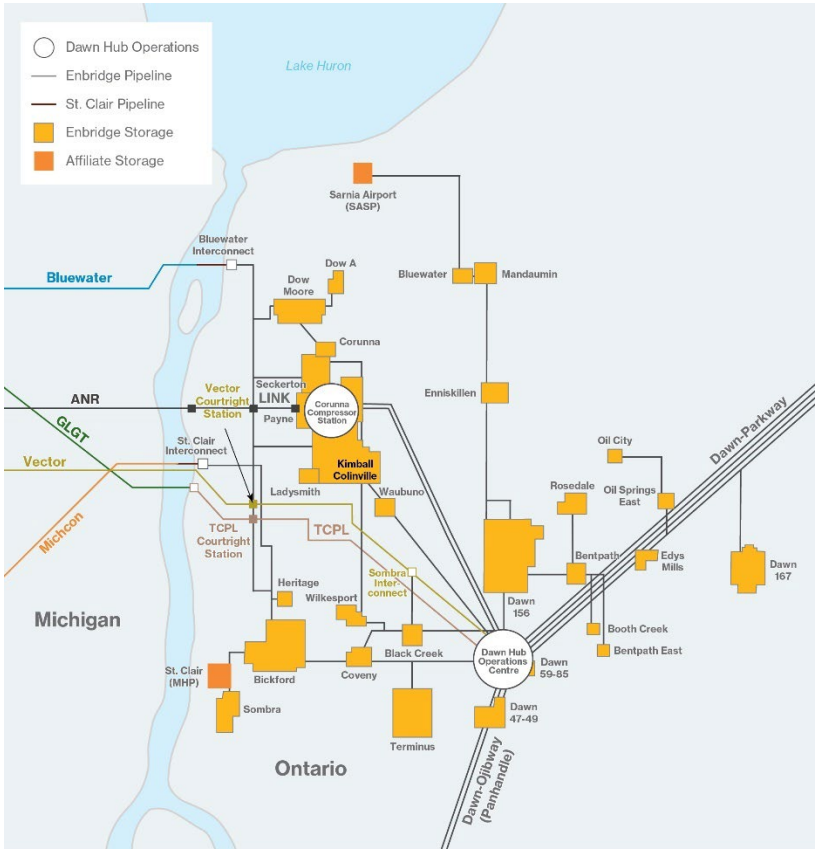
A. The Dawn Hub

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"):[1]

> 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.

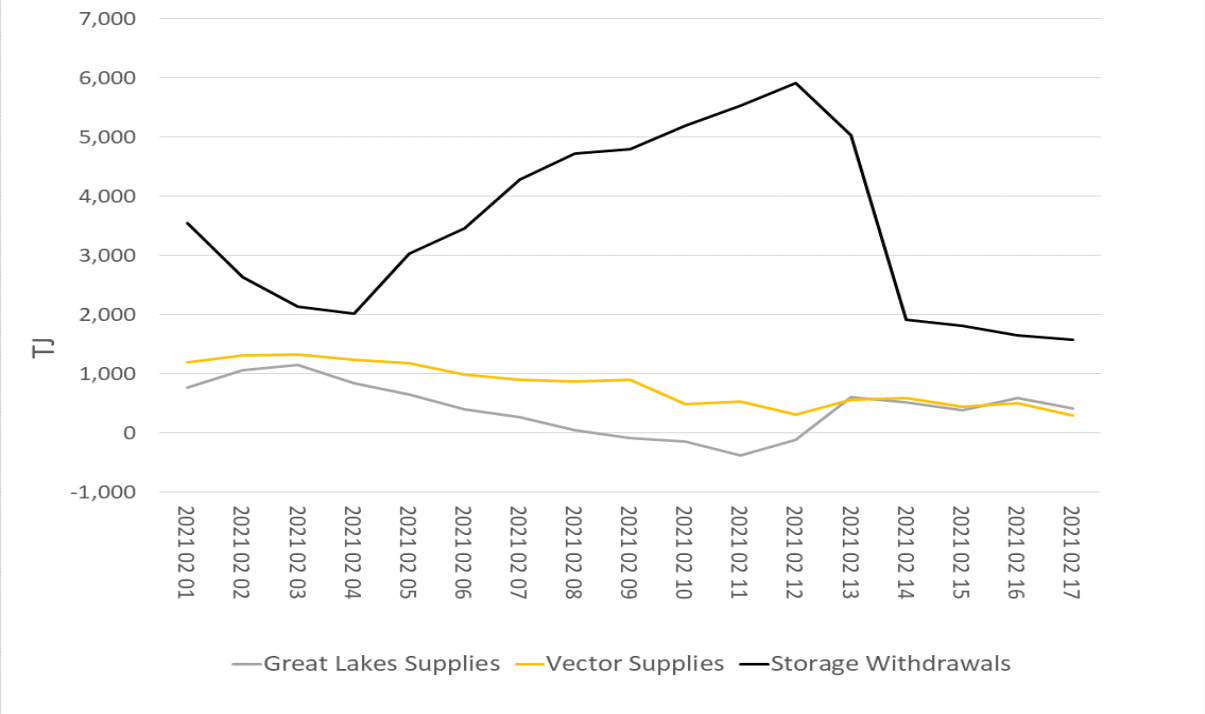
9. The diversity and magnitude of energy supply afforded by the Dawn Hub is especially critical during extreme weather events. North America, and in particular Canada and the continental United States, have experienced 4 such events in the form of polar vortexes over the past 7 years. These harsh cold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

[1] EB-2005-0551, Decision with Reasons, November 7, 2006, P. 44;
EB-2005-0551, Decision with Reasons, November 7, 2006, P. 8

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.

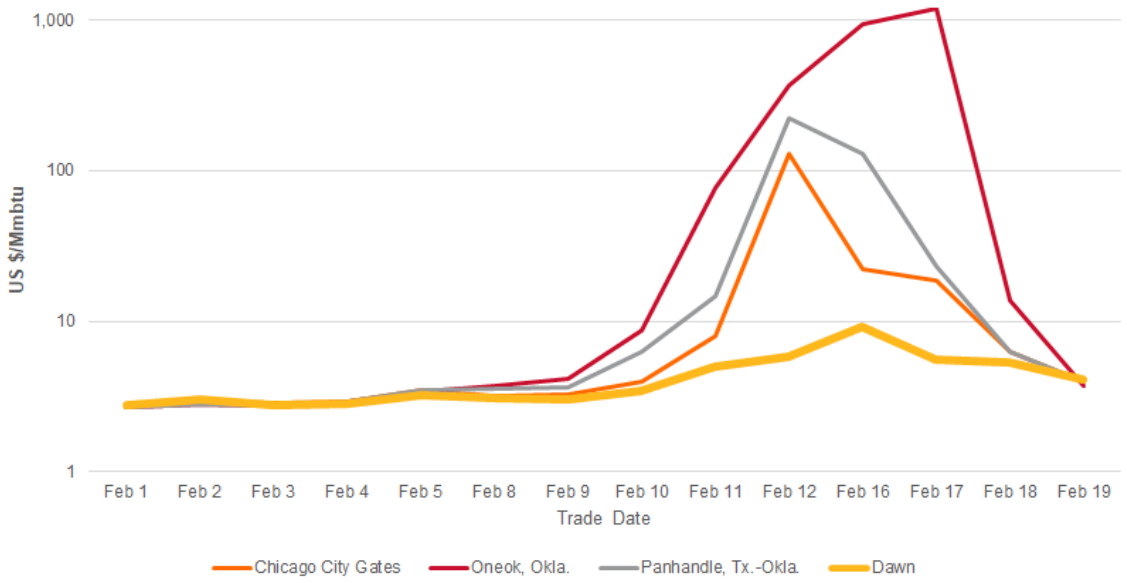
10. During Winter Storm Uri in February 2021 which impacted a large area of the central U.S. (Oklahoma and Texas) and Canada (Alberta, Saskatchewan, and Manitoba), the Dawn Hub provided security of supply to Ontario consumers by increasing storage withdrawals to offset upstream supply shortfalls as shown 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. /U

Figure 2: 2021 Winter Storm Uri Dawn Storage and Upstream Supply /U



/U

Figure 3: 2021 Winter Storm Uri Natural Gas Price Impacts



11. By contrast, during this same February 2021 Winter Storm Uri 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.[2] Further, according to the Texas Department of Health Services, many people lost their lives during this event, 10 /U

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

from fire-related injuries from space heaters and 19 from carbon monoxide poisoning (potentially also related to space heaters).[3]

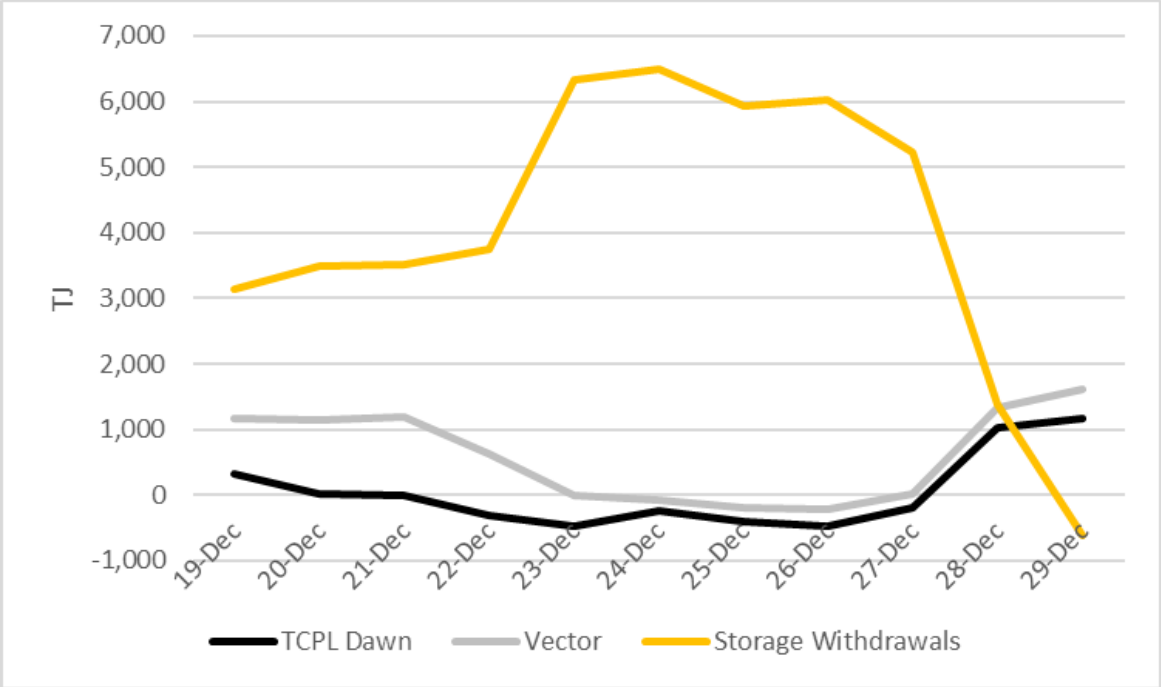
12. Between December 22 and December 26, 2022, Winter Storm Elliott swept across North America causing widespread blackouts and the cancellation of thousands of flights while covering roads in much of Canada and the U.S. in sheets of ice and snow. The deep freeze also impacted natural gas pipelines throughout North America, including those that supply Dawn. Appalachian gas producers experienced widespread production freeze-offs which resulted in significant force majeures to be called on downstream supply transactions. Enbridge Gas received notices of force majeure impacting over 230 TJ of supply deliveries contracted to Dawn. Enbridge Gas was able to maintain service to its customers amid the lost supply using significant withdrawals from its Dawn storage. /U

13. As shown in Figure 4 below, during the period of December 23, 2022, to December 27, 2022, the Dawn Hub saw reduced natural gas imports on the Vector and TCPL (Great Lakes) system. These reduced imports from Vector and TCPL (Great Lakes) were offset by incremental withdrawals from Dawn storage inventories. On December 24, 2022, a single-day record of 6.5 PJ was withdrawn from storage at Dawn. /U

14. In addition to allowing Enbridge Gas to serve its customers, these storage withdrawals also provided stability in the price of gas at Dawn during the storm. Dawn prices increased by approximately $0.50 USD/Mmbtu through the week leading up to the holiday storm whereas nearby market hubs in the U.S. Midwest and Northeast increased by $10 - $25 USD/Mmbtu. /U

[3] https://www.dshs.texas.gov/news/updates/SMOC_FebWinterStorm_MortalitySurvReport_12-30-21.pdf

Figure 4: 2022 Winter Storm Elliott Dawn Storage and Upstream Supply /U



15. 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.[4]

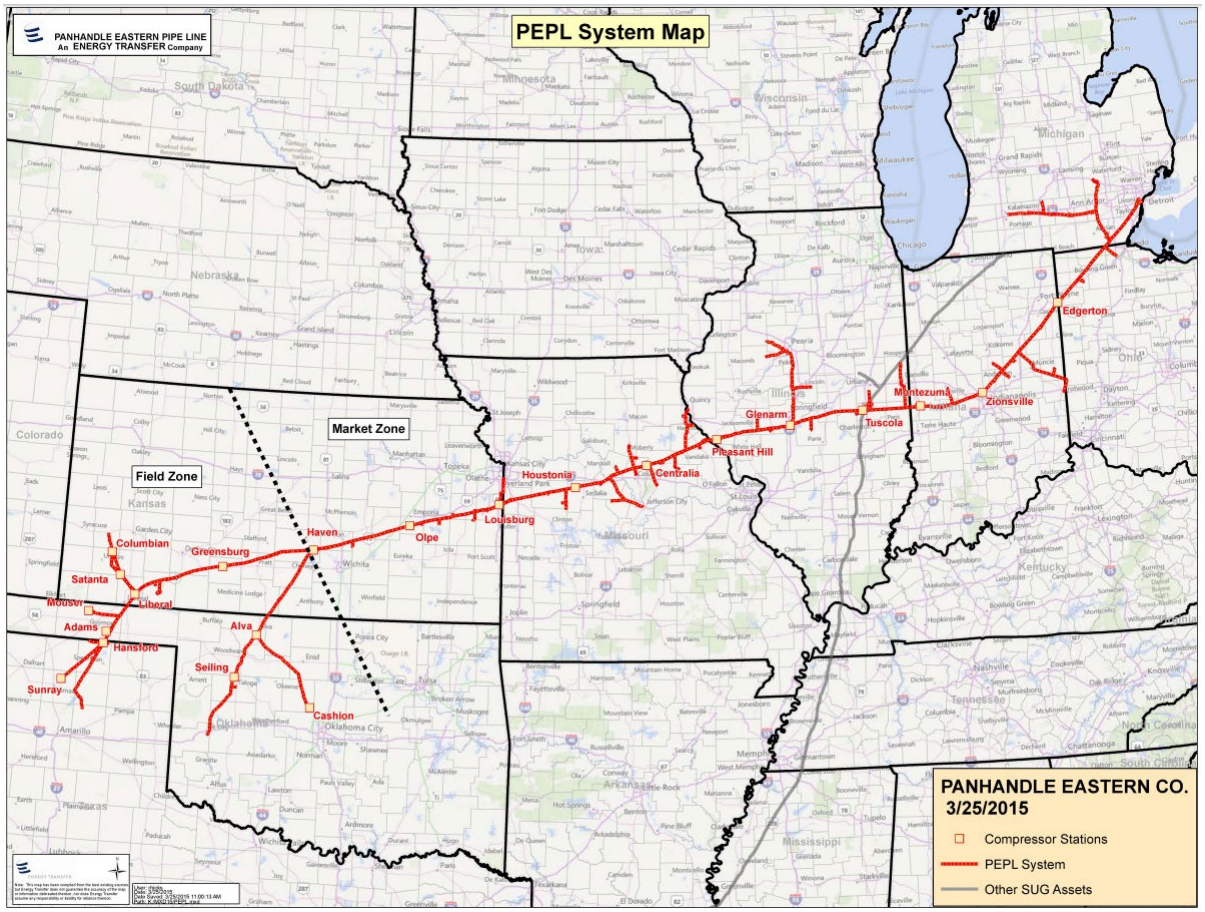
16. Considering the ongoing and historical value that the Dawn Hub has provided to Ontario natural gas consumers, the increased frequency and severity of extreme weather events experienced across the continent, and ICF's forecast calling for increased seasonal storage values and winter price volatility, 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

17. Enbridge Gas's Panhandle System interconnects with the 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 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 5 below.

[4] ICF Q4 2021 Base Case

Figure 5: PEPL System Map[5]



18. The Enbridge Gas Panhandle System flows from Ojibway 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' deliveries (to serve system customers) at Ojibway on Design Day.

19. 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

[5] https://peplmessenger.energytransfer.com/InfoPost/resources/ /PEPL_SystemMap.pdf

Ojibway, market participants must contract for transportation on the PEPL system to access more liquid upstream natural gas markets.

20. As of June 1, 2023 the PEPL Index of Customers indicates there are two firm shippers that contract for capacity with Ojibway as a delivery point on November 1, 2023: /U

    - 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).

21. No other parties hold capacity on the PEPL system with a firm delivery point of Ojibway. On June 1, 2023, PEPL's website indicated that 20,000 Dth/d (21 TJ/d) of delivery capacity was currently available at Ojibway on November 1, 2023. /U

22. 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 2024/2025 of 66 TJ/d, which increases to 184 TJ/d by Winter 2030/2031. /U

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 and the construction of ancillary station, pressure regulation, and measurement facilities associated with the pipeline. /U

3. The proposed Project provides 168 TJ/d of incremental Panhandle System capacity at an estimated cost of $358.0 million. The proposed Project has in-service dates of November 1, 2024 for the NPS 36 pipeline and November 1, 2025 for 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. /U

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")[1]. 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.[2]

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.

7. Following the updated EOI process conducted by Enbridge Gas in February 2023, the timing of the identified system need was established as November 1, 2024. /U

[1] EB-2020-0091, Decision and Order, July 22, 2021, Appendix A
[2] *ibid*, P. 10

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:

- 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, 2024) to accommodate customer needs. /U

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:
    1. Upsize of existing NPS 16 Panhandle Line or NPS 20 Panhandle Line west of Dover Transmission
    2. Loop the existing NPS 20 Panhandle Line west of Dover Transmission (the proposed Project) /U
    3. New Liquified Natural Gas ("LNG") Plant

13. The following IRPAs were identified and assessed:
    1. Firm exchange between Dawn and Ojibway
    2. Firm exchange between Dawn and Ojibway in combination with looping of the NPS 20 Panhandle Line west of Dover Transmission (Hybrid Alternatives) /U
    3. Trucked Compressed Natural Gas ("CNG")
    4. 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 (the proposed Project)* /U

23. Enbridge Gas evaluated a facility alternative that would alleviate the largest of the two Panhandle System pressure bottlenecks described in Exhibit B, Tab 2, Schedule 1 (i.e., the NPS 20 Panhandle Line between Dover Transmission and Comber Transmission Station). The alternative consists of looping the existing NPS 20 Panhandle Line from Dover Transmission station towards Comber Transmission /U

station, directly addressing forecast growth while ensuring minimum inlet pressure to the system constraints.

24. When evaluating the potential length and diameter of the Panhandle Line loop, Enbridge Gas considered the following criteria: /U
    - The new pipeline should provide enough system pressure to maintain system constraints for at least 5-years of forecast growth; and,
    - The project should result in new station or tie-in facilities that are adjacent to existing roadways and in locations easily accessible for vehicle access. This also limits environmental impact as new roads and power infrastructure would not be needed.

25. Enbridge Gas determined that approximately 19 km of NPS 36 is required to satisfy the criteria above. /U

26. Wheatley Road and Richardson Sideroad were assessed as potential end-point tie-in locations as they reflect the existing roadways approximately 19 km from Dover Transmission. The distances between Dover Transmission to Wheatley Road and Richardson Sideroad are 16.30 km and 18.93 km, respectively. A potential tie-in location at Wheatley Road was rejected since it does not provide sufficient capacity to serve the 5-year growth forecast utilizing either an NPS 30 or NPS 36 pipeline alternative. /U

27. While either an NPS 30 or NPS 36 to Richardson Sideroad would be sufficient to meet the 5-year growth forecast, the NPS 36 pipeline alternative was selected as it is the most cost-effective option with the lowest cost per unit of capacity (see Table 3 below). /U

28. 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 Exhibit B, Tab 2, Schedule 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.

Table 3: Panhandle Loop Economic Assessment /U

Potential Alternative	Incremental Capacity (TJ/d)	Costs ($ Million)	Net Present Value (1) ($ Million)	Cost per Unit of Capacity ($/TJ/d)
Facility Alternative: Looping of NPS 20 Panhandle				
Proposed Project 19 km Loop with NPS 36	168	$358.0	$(153.5)	$2.13
19 km Loop with NPS 30	160	$342.7 (2)	$(144.6)	$2.14

(1) The calculation of the Net Present value does not include Overheads
(2) The estimated cost of $342.7 M for an NPS 30 alternative is based on a November 1, 2024 in-service date, for the purpose of displaying a direct comparative to the proposed Project. The actual installation of an NPS 30 alternative would result in a November 1, 2025 in-service date and as such the estimated cost would be higher due to inflationary impacts.

3. *New LNG Plant*

29. 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.

30. 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 a portion of 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) that addressed 156 TJ/d of system shortfall. /U

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

<u>IRPAs</u>

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

1. *Firm exchange between Dawn and Ojibway*

33. 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.

34. 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.

35. 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 108 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 48 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. /U

36. 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).

37. 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.

38. 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.

39. 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."[3]

40. It is not possible to address the 5-year system shortfall of 156 TJ/d with Ojibway deliveries alone because the volume required would greatly exceed the physical import capability at Ojibway. /U

41. Based on the Winter 2024/2025 Panhandle System design forecast, a minimum of 69 TJ/d of incremental deliveries at Ojibway would be required to delay the in-service date of the proposed Project by one year (over triple the capacity which is operationally available to deliver to into Ojibway). This is larger than the forecast Panhandle System shortfall of 66 TJ/d because increasing deliveries at Ojibway will not efficiently serve the Leamington-Kingsville market demands. /U

42. 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.

43. 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.

[3] EB-2016-0186 Decision and Order, February 23, 2017, P. 26

44. 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 Winter Storm Uri and Winter Storm Elliot as discussed in Exhibit B, Tab 3, Schedule 1. /U

45. 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).

46. 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.

47. 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 the physical delivery path to get to Dawn. ROVER did not bid in the RFP.

48. 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.

49. 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

50. 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. Therefore, the Company did not evaluate this alternative further.

51. A firm exchange is not commercially available to defer the need for the proposed project to Winter 2025/26. On June 1, 2023, the PEPL website indicated that up to 21 TJ/d of delivery capacity was available at Ojibway. The available PEPL system capacity with delivery to Ojibway did not change since the RFP was conducted. Therefore, the company did not complete a second RFP and did not evaluate this alternative further. /U

2. Firm exchange between Dawn and Ojibway in combination with looping of the NPS 20 Panhandle Line west of Dover Transmission (Hybrid Alternatives) /U

52. While the entire capacity requirement cannot be met through delivered supply at Ojibway, the potential to utilize delivered supply to reduce the pipeline facilities required to meet the 5-year forecast growth was evaluated. Enbridge Gas evaluated a hybrid alternative which includes a 21 TJ/d firm exchange between Dawn and Ojibway beginning November 1, 2024, for a 40-year term[4] coupled with a NPS 36 loop of the NPS 20 Panhandle Line. Based on analysis, the incremental 21 TJ/d of Ojibway deliveries would reduce the length of the NPS 36 loop from approximately 18.93 km to 17.86 km to provide the same capacity as the proposed Project (168 TJ/d). The loop length of 17.86 km would result in an end-point 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 so the facilities can be easily accessed for maintenance and connection to required utility services. Furthermore, locating pipeline tie-ins in the middle of an /U

[4] Aligned with the expected useful life of the pipeline alternative.

agricultural property would result in larger impacts to the landowner (i.e., installation of driveways, power infrastructure, etc.).

53. Notwithstanding the fact that this hybrid alternative does not viably impact the length of the NPS 36 loop, it is not economic relative to the proposed Project even if Enbridge Gas proceeded to locate a tie-in in the middle of the agricultural property. This 1.07 km reduction in the length of the loop would decrease the proposed Project cost by $7 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 $66.2 million over a 40-year term. /U

54. Enbridge Gas evaluated a second hybrid alternative which includes a 21 TJ/d firm exchange between Dawn and Ojibway beginning November 1, 2024, for a 40-year term coupled with a shorter NPS 36 loop of the NPS 20 Panhandle Line, ending at Wheatley Road. This tie-in location is 16.20 km west of Dover Transmission (2.73 km shorter than the preferred alternative). /U

55. This hybrid alternative provides 15 TJ/d less capacity compared to the proposed Project, does not provide enough capacity to serve the 5-year forecast growth, and is not economic relative to the proposed Project. This 2.73 km reduction in the length of the loop would decrease the proposed Project cost by $27.5 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 $66.2 million over a 40-year term. /U

56. A summary of the hybrid alternatives discussed above is provided in Table 4 below. /U

Table 4: Hybrid Alternative Economic Assessment /U

Potential Alternative	Incremental Capacity (TJ/d)	Costs ($ Million)	NPV ($ Million)	Cost per Unit of Capacity ($/TJ/d)
Hybrid Alternative: 17.86 km NPS 36 and 21 TJ/d Ojibway to Dawn Exchange	168	*Facility* $351.0 *O&M* $4.2 Annually $(66.2) over a 40-year term	$(212.1)	$2.48
Hybrid Alternative: 16.20 km (i.e., Wheatley Road end-point) NPS 36 and 21 TJ/d Ojibway to Dawn Exchange	153	*Facility* $330.5 *O&M* $4.2 Annually $(66.2) over a 40-year term	$(204.0)	$2.59

(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.

57. The commercial availability, economic viability, flexibility, and reliability of these hybrid alternatives are 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. /U

58. 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.

59. 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.

60. 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.

61. The hybrid alternatives were rejected as neither is financially viable and would contain a high price and renewal risk associated with the firm exchange component. /U

3. Trucked CNG

62. 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.

63. A CNG analysis indicated that approximately 420 loads per day would be required to meet the shortfall capacity of 156 TJ/d on a Design Day. This alternative poses /U

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

64. In 2021, 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 proposed Project, 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 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. /U

65. As noted in the Posterity report, included at Attachment 2 to this Exhibit, a maximum peak hour reduction potential of 6,900 m^3/hour (5.43 TJ/d) from general service customers could be obtained by Winter 2029/2030 and would cost approximately $50 million.

66. Enbridge Gas engaged Posterity again in 2023, while the application was in abeyance, to assess whether including the Windsor and Chatham areas in addition to the Leamington area (which was the geographic scope of the original ETEE IRPA analysis) would result in a viable ETEE IRPA in relation to the updated Project. The analysis focused on assessing the extent to which an ETEE IRPA could eliminate or reduce the scope of the NPS 36 Panhandle Loop. /U

67. As noted in Posterity's June 5, 2023 report, included at Attachment 3 to this Exhibit, a maximum peak hour reduction potential of approximately 72,000 m^3/hour (57 TJ/d) from general service customers could be obtained by Winter 2029/2030 and would cost approximately $468 million. This results in $8.2 million per TJ, whereas the /U

preferred alternative provides capacity at a cost of $2.14 million per TJ. Further, the potential peak hour reduction of 57 TJ/d is only achievable by Winter 2029/2030. As noted at Exhibit B, Tab 2, Schedule 1, Table 3, the required capacity is 66 TJ/d by Winter 2024/2025 and increases to 112 TJ/d by Winter 2025/2026. Therefore, the ETEE alternative is not technically or economically feasible to meet forecasted demands. /U

D. Project Selection & Conclusion

68. 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.

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

- Economic Feasibility:
  - ✓ Proposed Project provides the lowest cost per unit of 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 in service date of November 1, 2024.

- Safety & Reliability:
  - ✓ Positions the Panhandle System and the distribution pipelines connecting to it to meet forecasted long-term growth in the most efficient manner.
  - ✓ Alleviates the largest bottleneck, increasing the reliability of service for existing customers and allowing for growth for both existing and new customers.

- Risk Management:
  - ✓ Increases price transparency of the Dawn Hub and Ontario customer's access to diverse supply, and storage
  - ✓ Scalable with future system growth
  - ✓ Directly serves areas of growth

- Environmental and Socio-economic Impact:
  - ✓ Minimizes project impact by paralleling existing right of way

September 16, 2021

Enbridge Gas Inc. Non-Binding Request for Proposal

Ojibway To Dawn Firm Exchange Service With Call Option - 2023

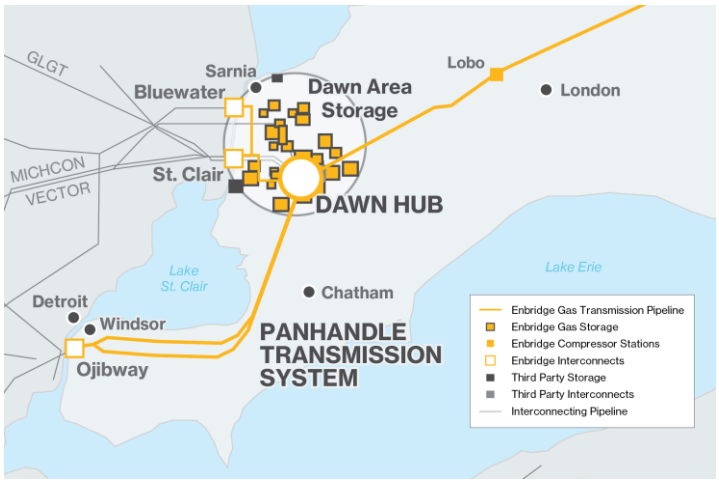
Enbridge Gas Inc.("**Enbridge Gas**") is pleased to announce a Request for Proposal ("**RFP**") for a Firm and Obligated Call Option Exchange Service beginning between Nov. 1, 2023 and Nov. 1, 2024 (later start dates will also be considered up to 2026). The following option is being contemplated as an 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:

RFP - Ojibway To Dawn Firm Exchange Service With Call Option - 2023
Capacity: Up to 55,000 GJ/d (annual) or Up to 80,000 GJ/d (Nov. 1 to March 31 only)
Start Date: As early as Nov. 1, 2023 (later start dates will also be considered up to 2026)
Term: Minimum five (5) year initial term
Receipt Point (Shipper to Enbridge Gas): Ojibway (Enbridge Gas system)
Delivery Point (Enbridge Gas to Shipper): Dawn (Facilities)
Demand Rate: Fixed Price (if applicable)
Commodity Rate: Fixed Price (if applicable)
Fuel: Seeking proposals for rate
Renewable: 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.
Termination: Four (4) years' notice by either party before Nov. 1 of each year.
Quality of Service: 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.
Comments: • Contract will be an Enbridge Gas Enhanced Exchange Agreement. • The Enbridge Gas HUB Contract is required. • All quantities to be supported by firm transportation agreements. Shipper must supply contract details for verification. • Rate for non-performance will be the highest spot price of natural gas in North America.
Links: • Enbridge Gas Enhanced Exchange Agreement • Enbridge Gas Hub Contract

ENBRIDGE
Life Takes Energy



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

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	***Required Fields**
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)
• Total price		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.

CORPORATE LEGAL NAME: _____

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

Project: Integrated Resource Planning Alternative Analysis (IRPA Analysis)
Re: Leamington Interconnect LTC
Submitted by: Posterity Group (PG)
Date: May 27, 2022

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^3/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^3/hr by winter 2029/2030.[1]
2. How much would the peak hour reduction cost?
    - The total gross cost of the approximately 6,900 m^3/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^3/hr reduction.
    - A Net-to-Gross ratio of 75 percent was used to estimate the gross costs of the program.[2]

[1] 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.
[2] 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^3/hr in 2021 to approximately 71,600 m^3/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^3/hr, comprised of approximately 39,600 m^3/hr in the industrial sector, 20,200 m^3/hr in the residential sector, and 11,800 m^3/hr in the commercial sector.

POSTERITY GROUP

IRPA Analysis Project
Panhandle Regional Expansion Project Analysis Modelling Findings

Project: Integrated Resource Planning Alternative Analysis (IRPA Analysis)
Re: Panhandle Regional Expansion Project IRPA
Submitted by: Posterity Group (PG)
Date: June 5, 2023

This memo presents information about the potential to reduce natural gas peak hour demand in the context of the Panhandle Regional Expansion Project (PREP) IRPA including the potential peak hour demand reduction in m^3/hr, the total volume reduction in m^3, and the associated costs until 2042. The scope of the analysis focuses on demand side management (DSM) IRPAs (including energy efficiency and demand response measures). The analysis was performed using data from the current version of the Posterity 'mirror model' of the 2019 Achievable Potential Study (APS), which was centered around DSM and is being used as a proxy to demonstrate ETEE potential for the system of need.

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.

1 Profile of Customers Included in Analysis

The analysis focused on a subset of customers in the PREP 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, M2
    - Commercial: M1, M2
    - Industrial: M1, M2
2. The reference peak hour demand is forecasted to increase from 430,300 m^3/hr in 2021 to 456,723 m^3/hr by 2042.
    - The total peak hour demand in 2021 is expected to be 430,300 m^3/hr, comprised of 91,425 m^3/hr in the industrial sector, 96,158 m^3/hr in the commercial sector, and 242,717 m^3/hr in the residential sector.
    - The total peak hour demand in 2042 is expected to be 456,723 m^3/hr, comprised of 102,400 m^3/hr in the industrial sector, 113,906 m^3/hr in the commercial sector, and 240,417 m^3/hr in the residential sector.
3. The reference volume is forecasted to increase from 765,781,393 m^3 in 2021 to 872,043,711 m^3 by 2042.

- The total volume in 2021 is expected to be 765,781,393 m^3, comprised of 188,979,942 m^3 in the industrial sector, 160,518,890 m^3 in the commercial sector, and 416,282,562 m^3 in the residential sector.
- The total volume in 2042 is expected to be 872,043,711 m^3, comprised of 215,428,398 m^3 in the industrial sector, 230,846,808 m^3 in the commercial sector, and 425,768,506 m^3 in the residential sector.

2 Peak Hour Reduction, Volume Reduction, and Cost

This analysis has yielded the following insights on peak hour reductions, volume reductions, and the associated costs:

- By the end of 2029, peak hour reduction potential from the ETEE program is estimated to be 71,899 m^3/hr, which corresponds to a 16.0% reduction in the total hourly peak demand.
- By the end of 2029, volume reduction is estimated to be 114,863,518 m^3, corresponding to a 13.9% reduction in the total volume.
- The total gross cost of the 71,899 m^3/hr of potential reduction that could be obtained by the end of 2029 is $467,814,448; or an average gross cost of $6,507 per m^3/hr reduction. [1]

3 Most Impactful Sectors and End Uses

In addition to the preliminary findings, the following key observations were made by the end of 2029:

- The residential sector accounts for 89% of the peak hour reduction while representing 55% of the total peak hour consumption before any savings. The main reason for this discrepancy is that measures in the residential sector were predominantly space heating measures:
  - Space heating measures account for 91% of peak hour reductions and the residential sector accounts for 98% of the space heating reduction.
  - Space heating measures were more likely to pass the TRC test, including in the residential sector.
  - A few key residential measures made up the majority of the total peak hour reductions: whole home building envelope (26%), heat recovery ventilators (20%), air sealing (19%), and wall insulation (6%).
- The commercial sector makes up 23% of the total peak hour consumption but only accounts for 2% of the peak hour reductions. This effect is due to the dominance of the few residential space heating measures mentioned above over all other measures:
  - 86% of commercial peak hour reductions come from space heating.

[1] A Net-to-Gross ratio of 75 percent was used to estimate the gross costs of the program. The total gross costs presented do not include fixed portfolio overhead costs.

- The industrial sector makes up 22% of the total peak hour consumption but only accounts for 9% of the peak hour reductions. This effect is due to the dominance of the few residential space heating measures mentioned above over all other measures:
    - 84% of industrial peak hour reductions come from HVAC.

4 Commercial and Industrial Segment Mapping Caveat

During the segment mapping exercise to assign PREP region accounts to the Union Gas South – West ETSA model segments, a large percentage of Commercial and Industrial accounts were assigned to the "Other Commercial" and "Other Industrial" segments, respectively. This is because the majority of Commercial and Industrial accounts within the Union Gas South – West region in the Ontario-wide ETSA model are assigned to "Other" segments. It should be noted that this may have an impact on the resulting ETEE measure application for those measures that are only applied to certain Commercial and Industrial segments. The most likely result of this caveat is that the potential savings for Scenario B are underestimated for Commercial and Industrial sectors. However, the highest percentage of ETEE measures are applicable to the Residential sector, and so this caveat is not expected to have substantial impacts on the overall analysis results.

PROPOSED PROJECT

1. This Exhibit is organized as follows:

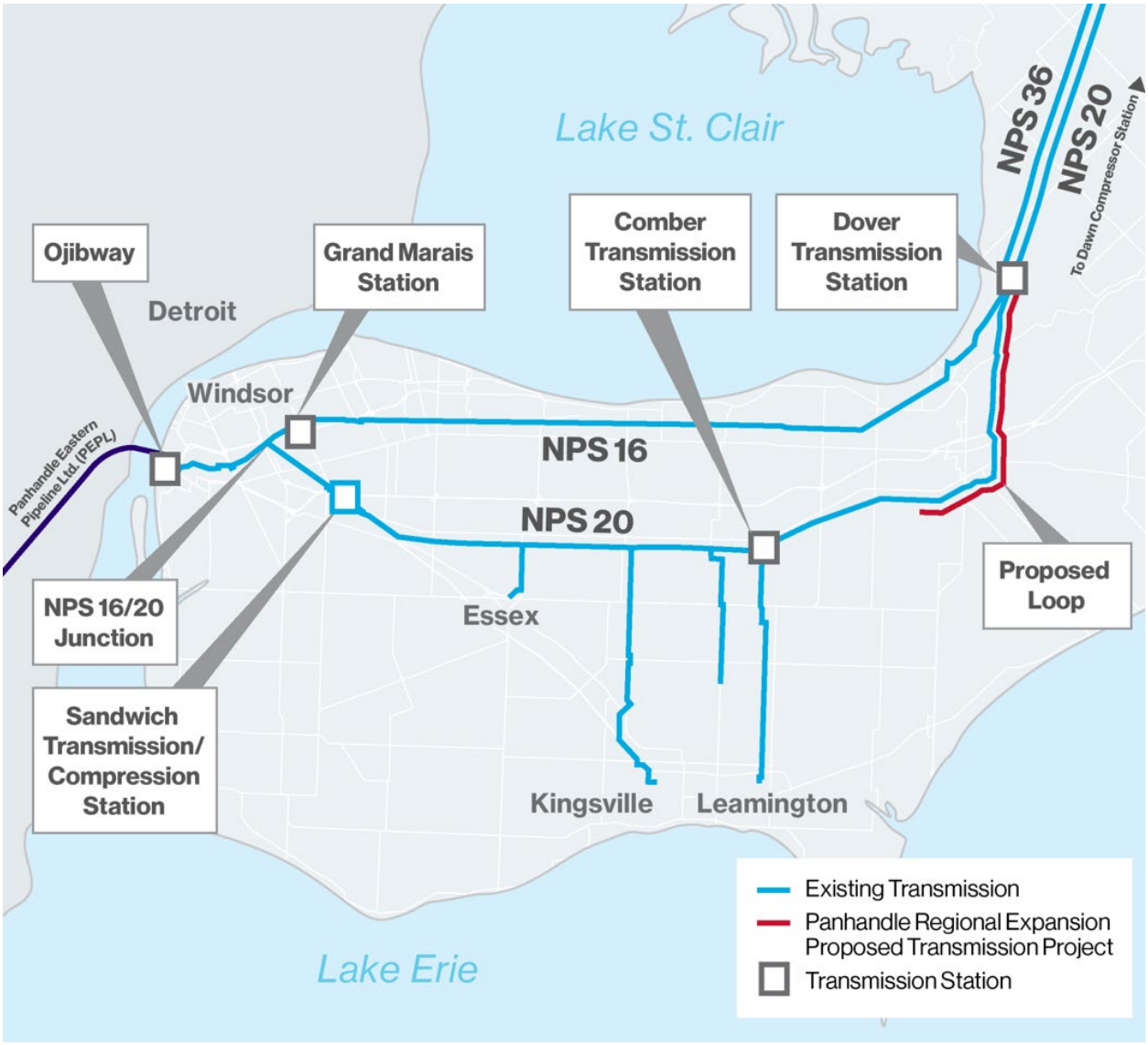
   A. Project Description
   B. Project Timing
   C. Project Construction
   D. Design Specifications & Testing Procedures
   E. TSSA Correspondance

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 Gas is proposing to loop a portion of the existing NPS 20 Panhandle Line with a new NPS 36 pipeline ("Panhandle Loop"). Figure 1 below is a map of the proposed Project facilities. /U

3. Enbridge Gas will also construct ancillary measurement, pressure regulation and station facilities within the Township of Dawn Euphemia and in the Municipality of Chatham-Kent. /U

Figure 1: Map of Proposed Project Facilities /U



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 /U

Sideroad in Lakeshore, Ontario where it will tie into the existing NPS 20 Panhandle Line at a new valve site station.

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 /U

Item	Facilities	Approximate Pipe Length (m)	NPS (inches)	Material	MOP (kPag)
i	Dawn Yard Upgrade	1400	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

NOTES: Consistent with the Company's project management practices and to mitigate escalation of Project costs, a purchase order for the proposed NPS 36 pipeline (19 km) was issued to the vendor on August 4, 2022. The pipeline was subsequently manufactured (rolled) in November and December 2022, and delivered to Enbridge Gas in January 2023.

6. A description of each of the above proposed facilities is outlined below:
   i. **Dawn Yard Upgrade**: Approximately 1400 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. /U

   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.

/U

B. <u>Project Timing</u>

7. The proposed Project will be constructed and placed into service in two phases:
   A. Construction of the Panhandle Loop, modifications to the Panhandle take-off station and Dover Transmission Station, and construction of the new Richardson valve site station are planned to commence in the first quarter of 2024, subject to OEB approval, and to be placed into service by November 1, 2024; and /U
   B. Construction of the Dawn yard upgrades are planned to commence in the second quarter of 2025, subject to OEB approval, and to be placed into service by November 1, 2025. /U

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.

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.

(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 Table 2 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
External Diameter (OD)	914.4		mm
Wall Thickness	11.9	14.3	mm
Pipe Grade	483	483	MPa
Material Specification	CSA Z245.1		-
Material Toughness	CAT II		-
Coating Type	Fusion Bonded Epoxy & Abrasion Resistant Overcoat for external coating and Liquid Epoxy for internal coating (Pipeline) YJ/High Performance Paint (Station)		
Material Designation	Carbon Steel		-
Cathodic Protection	Galvanic system (Corrosion Operating Standard, Galvanic Anode Installation Procedure)		
Components			
Fittings	CSA Z245.11		-
Flanges	CSA Z245.12		-
Valves	CSA Z245.15		-
Design Data			
Class Location	2 & 3		-
Design Pressure (DP)	6,895		kPag
Hoop Stress at Design Pressure per % SMYS	55%	46%	
Maximum Operating Pressure (MOP)	6040		kPag
Hoop Stress at MOP per % SMYS	48%	40%	
Minimum Depth of Cover	1.2		M
Method of Construction	Open Cut/Trenchless (Pipeline) Open Cut (Stations)		-
Strength Test Data			
Test Medium	Water		-
Test Pressure (Min / Max)	9,653 / 10,342		kPag
Hoop Stress at Strength Test per % SMYS	77%	64%	
Test Duration	4		Hrs
Leak Test Data			
Test Medium	Water		-
Test Pressure	7,585 / 9,653		kPag
Hoop Stress at Strength Test per % SMYS	60%	50%	
Test Duration	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 9653 and 10342 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 7585 and 9653 kPag (1.1 to 1.4x Design Pressure). This corresponds to a maximum 60% SMYS during the leak test.

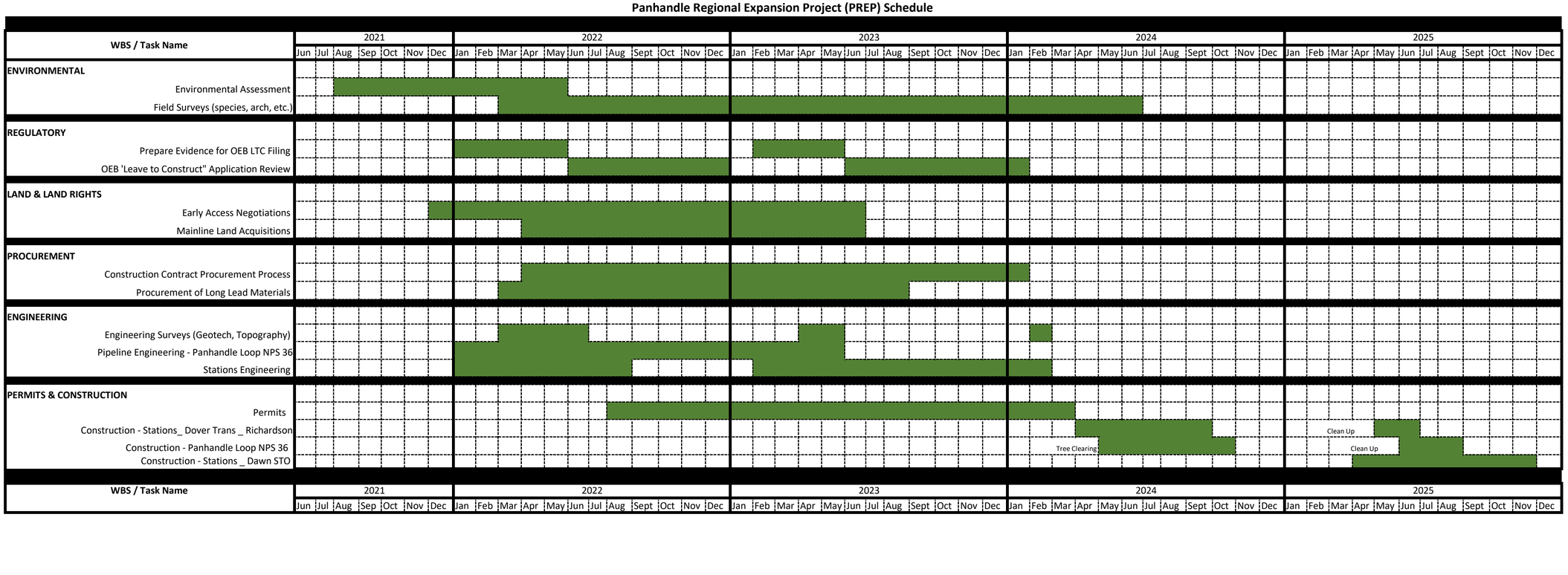
/U

E. <u>TSSA Correspondence</u>

19. Enbridge Gas has filed an application with the Technical Standards & Safety Authority ("TSSA"). Enbridge Gas has recieved a letter from the TSSA indicating that they have completed their review of the design for the proposed facilities and have no concerns.

/U

Panhandle Regional Expansion Project (PREP) Schedule



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 $358.0 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 $289.2 million. /U

2. The costs are based upon a class 3 estimate prepared in Q1 2023, updated to reflect market conditions based on Q4 2022 contractor responses to RFP, as per American Association of Cost Engineers standards, and include a contingency of approximately 8% applied to all direct capital costs reflecting the detailed engineering design stage of the Project and materials received to date. 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. /U

3. Table 1 below provide a comparison of Project pipeline costs to other recent Enbridge Gas pipeline projects in close proximity to the Project area. Table 1 compares the estimated cost of the current Project (Panhandle Loop) to the latest estimated cost of the Dawn to Corunna Replacement Project (EB-2022-0086). A high-level explanation of significant variances is provided in the notes to the table. /U

Table 1: Project Cost Comparison – Pipeline Costs ($ Millions) /U

Item No.	**Description**	**(a) Proposed Project** Panhandle Loop (EB-2022-0157)	**(b) Current Forecast** Dawn to Corunna (EB-2022-0086)	**(c) = (a) - (b) Variance to Actual**
	Pipeline Diameter	***NPS 36***	***NPS 36***	
	Length	***19 km***	***20 km***	
	Pipeline Material	***Steel***	***Steel***	
1	Materials	28.3	26.1	2.2
2	Labour	150.8	123.1	27.7
3	Contingency	13.9	2.6	11.3
4	Interest During	6.4	3.7	2.7
5	**Total Direct Capital Cost**	**199.5**	**155.5**	**44.0**
6	Indirect Overheads	48.0	33.4	14.6
7	**Total Project Cost**	**247.5**	**188.9**	**58.6**
8	Total Cost per km	13.0	9.4	3.6
9	Material Cost per km	1.5	1.3	0.2
10	Labour, External permitting and land, and Outside Services per km	7.9	6.2	1.7
11	**Total Ancillary Facilities Direct Capital Cost**	**89.7**	**127.1**	**(37.4)**
12	Ancillary Facilities Indirect Overheads	20.8	23.3	(2.5)
13	**Total Ancillary Facilities Project Cost**	**110.5**	**150.4**	**(39.9)**
14	**Total Project Cost (Mainline and Ancillary Facilities) $ Millions**	**358.0**	**339.3**	**18.7**

NOTES:

- The proposed Project mainline estimate is inclusive of the Richardson Sideroad end point valve site.
- The proposed Project has a more complex mainline scope with eight (8) trenchless crossings compared to one (1) trenchless crossing for the Dawn to Corunna Replacement Project.
- Reduced contingency for the Dawn to Corunna Replacement Project due to its current stage of development/execution.

/U

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.[1]

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.

[1] Union Gas Panhandle Reinforcement Project: EB-2016-0186, Union Gas Kingsville Transmission Reinforcement Project: EB-2018-0013.

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.

i. Stage 1 – Project Specific Discounted Cash Flow Analysis

/U

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 $150 million and a PI of 0.48.

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 2023 OEB-approved rates.[2] The revenue calculation for the transmission margin can be found at Exhibit E, Tab 1, Schedule 4. /U

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 $289.2 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 $150 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 /U

[2] EB-2022-0133

gas instead of another fuel to meet their energy requirements. The difference in fuel cost is derived as:

[Weighted Average Alternative Fuel Cost - Cost of Natural Gas] × Energy Use

15. The Stage 2 NPV of energy cost savings are estimated to be in the range of approximately $226 million over a period of 20 years to $353 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. /U

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:

/U

<u>Economic Benefits for Ontario</u>

19. The construction of the Project will provide direct and indirect economic benefits to

Ontario estimated at approximately $257 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. Customers who submitted EOI bids in 2021 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. These figures were updated via the 2023 EOI bid forms. Although, the Company only received relevant feedback from 75% of customers who bid in 2023 (relative to 100% in 2021) the Project is still anticipated to result in total direct capital investment in Southwestern Ontario exceeding $4.5 billion.[3]

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 1,093 jobs as referenced at Exhibit E, Tab 1, Schedule 7. /U

21. Customers who submitted EOI bids in 2021 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. These figures were updated via the 2023 EOI bid forms. Although, the Company only received relevant feedback from 75% of customers who bid in 2023 (relative to 100% in 2021) the Project is still anticipated to result in the creation of 6,900 jobs.[4] /U

[3] Implying a comparable result to 2021, since $4.5 billion is 75% of $6 billion total potential.
[4] Implying a comparable result to 2021, since 6,900 jobs is 75% of 9,200 total potential.

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 $45 million with a further $22 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. Table 3 below shows the NPV calculated for the 3-Stage economic analysis completed for the Project.

Table 3: NPV Calculation /U

Stage	NPV ($millions)
1	($150)
2	$226 to $353
3	$257
Total	$333 to $460

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, /U

the Project has a net present value of $333 million to $460 million and is economically feasible.

26. On Februry 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):[5]

> 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

Entity Impacted		**Summary of Impact**	**Reference**
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	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

/U

[5] EB-2012-0092, Filing Guidelines on the Economic Tests for Transmission Pipeline Applications, February 21, 2013, P. 3.

Panhandle Regional Expansion Project
Project Cost
($ Millions)

Item No.	Cost Description	NPS 36 Mainline	NPS 36 Stations	NPS 36 Subtotal	Dawn	Total
1	Materials	$ 28.3	$ 2.2	$ 30.5	$ 26.4	$ 57.0
2	Labour	2.7	0.2	2.8	0.9	3.8
3	External Permitting and Land	17.4	-	17.4	-	17.4
4	Outside Services	130.8	5.4	136.2	42.0	178.1
5	Contingency	13.9	0.6	14.5	6.3	20.8
6	Interest During Construction	6.4	0.3	6.7	5.4	12.1
7	Total Direct Capital Cost	199.5	8.6	208.1	81.1	289.2
8	Indirect Overheads	48.0	2.1	50.1	18.7	68.8
9	Total Project Cost	$ 247.5	$ 10.7	$ 258.2	$ 99.8	$ 358.0

PREP - Panhandle Regional Expansion Project
InService Date: Nov-01-2024
(Project Specific DCF Analysis)

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

Discounting Assumptions	
Project Time Horizon	40 years commencing at facilites in-service date of 01 Nov 24
Discount Rate	Incremental after-tax weighted average After Tax Cost of Capital of 5.85%
Key DCF Input Parameters, Values and Assumptions	
Net Cash Inflow:	
Incremental Revenue:	
Transmission portion of customer rates	0.180895 $/ M3 / month applied to Contract Demand 0.022334 $ / M3 applied to general service volume
Operating and Maintenance Expense	Estimated incremental cost
Incremental Tax Expenses:	
Municipal Tax	Estimated incremental cost
Income Tax Rate	26.50%
CCA Rates:	
CCA Classes: (CCA Class / CCA Rate)	Declining balance rates by CCA class:
Land - -	
Land Rights 14.1 5%	
Transmission Mains - Metallic 49 8%	
Measurement & Regulating Equipment 8 20%	
Cash Outflow:	
Incremental Capital Costs Attributed	Refer to Exhibit E, Tab 1, Schedule 2, Line 7
Change in Working Capital	5.051% applied to O&M

Calculation of Revenue (Transmission Margins)

PREP - Panhandle Regional Expansion Project
InService Date: Nov-01-2024

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											
	Contract Methodology: Total CD * 12 *Transmission Margin											
1	Transmission Margin $/M3 / month	0.180895										
2	Contract Demand 10^3m^3/month		1,623	2,762	3,087	3,412	3,737	4,003	4,003	4,003	4,003	4,003
3	Transmission Margin		$3,522	$5,997	$6,701	$7,406	$8,111	$8,690	$8,690	$8,690	$8,690	$8,690
	General Service Transmission Margin = Volumes * Transmission Margin											
4	Transmission Margin $ / M3 consumed	0.022334										
5	Volume 10 ^3 M^3		2,218	6,610	10,912	15,092	19,120	23,000	24,906	24,906	24,906	24,906
6	Transmission Margin		$50	$148	$244	$337	$427	$514	$556	$556	$556	$556
7	Total Transmission Margin		$3,572	$6,144	$6,945	$7,743	$8,538	$9,204	$9,246	$9,246	$9,246	$9,246

The transmissions margins are Jan 2023 rates

Panhandle Regional Expansion Project
DCF Analysis
InService Date: Nov-01-2024

Project Year ($000's)	**Project Total**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
Operating Cash Flow											
Revenue	356,524	3,572	6,144	6,945	7,743	8,538	9,204	9,246	9,246	9,246	9,246
Expenses:											
O & M Expense	(5,060)	(127)	(127)	(127)	(127)	(127)	(127)	(127)	(127)	(127)	(127)
Municipal Tax	(34,200)	(855)	(855)	(855)	(855)	(855)	(855)	(855)	(855)	(855)	(855)
Income Tax	(80,857)	1,856	(692)	(1,580)	(1,792)	(2,003)	(2,179)	(2,190)	(2,190)	(2,190)	(2,190)
Net Operating Cash Flow	(120,117)	4,446	4,471	4,383	4,970	5,554	6,043	6,075	6,075	6,075	6,075
Capital											
Incremental Capital	(289,224)	(243,662)	(44,894)	(669)	-	-	-	-	-	-	-
Change in Working Capital	(6)	(6)	-	-	-	-	-	-	-	-	-
Total Capital	(289,230)	(243,668)	(44,894)	(669)	-	-	-	-	-	-	-
CCA Tax Shield											
CCA Tax Shield	71,580	4,321	8,024	6,902	5,934	5,127	4,451	3,884	3,404	2,997	2,650
Net Present Value											
PV of Operating Cash Flow	89,954	4,321	4,105	3,803	4,074	4,300	4,420	4,198	3,966	3,746	3,539
PV of Capital	(286,677)	(243,668)	(42,413)	(597)	-	-	-	-	-	-	-
PV of CCA Tax Shield	46,796	4,201	7,368	5,988	4,863	3,969	3,256	2,684	2,222	1,848	1,544
Total NPV by Year	(149,927)	(235,146)	(30,939)	9,194	8,937	8,269	7,676	6,881	6,188	5,594	5,083

Project NPV	**(149,927)**
Project PI	**0.48**

Panhandle Regional Expansion Project
DCF Analysis
InService Date: Nov-01-2024

Project Year ($000's)	Project Total	11	12	13	14	15	16	17	18	19	20
Operating Cash Flow											
Revenue	356,524	9,246	9,246	9,246	9,246	9,246	9,246	9,246	9,246	9,246	9,246
Expenses:											
O & M Expense	(5,060)	(127)	(127)	(127)	(127)	(127)	(127)	(127)	(127)	(127)	(127)
Municipal Tax	(34,200)	(855)	(855)	(855)	(855)	(855)	(855)	(855)	(855)	(855)	(855)
Income Tax	(80,857)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)
Net Operating Cash Flow	(120,117)	6,075	6,075	6,075	6,075	6,075	6,075	6,075	6,075	6,075	6,075
Capital											
Incremental Capital	(289,224)	-	-	-	-	-	-	-	-	-	-
Change in Working Capital	(6)	-	-	-	-	-	-	-	-	-	-
Total Capital	(289,230)	-	-	-	-	-	-	-	-	-	-
CCA Tax Shield											
CCA Tax Shield	71,580	2,353	2,097	1,876	1,683	1,514	1,367	1,236	1,121	1,018	927
Net Present Value											
PV of Operating Cash Flow	89,954	3,343	3,158	2,983	2,819	2,663	2,516	2,376	2,245	2,121	2,004
PV of Capital	(286,677)	-	-	-	-	-	-	-	-	-	-
PV of CCA Tax Shield	46,796	1,295	1,090	921	781	664	566	484	414	355	306
Total NPV by Year	(149,927)	4,638	4,249	3,905	3,599	3,327	3,082	2,860	2,659	2,476	2,309

Project NPV	**(149,927)**
Project PI	**0.48**

Panhandle Regional Expansion Project
DCF Analysis
InService Date: Nov-01-2024

Project Year ($000's)	**Project Total**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**
Operating Cash Flow											
Revenue	356,524	9,246	9,246	9,246	9,246	9,246	9,246	9,246	9,246	9,246	9,246
Expenses:											
O & M Expense	(5,060)	(127)	(127)	(127)	(127)	(127)	(127)	(127)	(127)	(127)	(127)
Municipal Tax	(34,200)	(855)	(855)	(855)	(855)	(855)	(855)	(855)	(855)	(855)	(855)
Income Tax	(80,857)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)
Net Operating Cash Flow	(120,117)	6,075	6,075	6,075	6,075	6,075	6,075	6,075	6,075	6,075	6,075
Capital											
Incremental Capital	(289,224)	-	-	-	-	-	-	-	-	-	-
Change in Working Capital	(6)	-	-	-	-	-	-	-	-	-	-
Total Capital	(289,230)	-	-	-	-	-	-	-	-	-	-
CCA Tax Shield											
CCA Tax Shield	71,580	845	771	705	645	591	542	497	457	420	386
Net Present Value											
PV of Operating Cash Flow	89,954	1,893	1,788	1,689	1,596	1,507	1,424	1,345	1,271	1,201	1,134
PV of Capital	(286,677)	-	-	-	-	-	-	-	-	-	-
PV of CCA Tax Shield	46,796	263	227	196	170	147	127	110	96	83	72
Total NPV by Year	(149,927)	2,156	2,015	1,885	1,765	1,654	1,551	1,456	1,367	1,284	1,206

Project NPV	**(149,927)**
Project PI	**0.48**

Panhandle Regional Expansion Project
DCF Analysis
InService Date: Nov-01-2024

Project Year ($000's)	**Project Total**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**
Operating Cash Flow											
Revenue	356,524	9,246	9,246	9,246	9,246	9,246	9,246	9,246	9,246	9,246	9,246
Expenses:											
O & M Expense	(5,060)	(127)	(127)	(127)	(127)	(127)	(127)	(127)	(127)	(127)	(127)
Municipal Tax	(34,200)	(855)	(855)	(855)	(855)	(855)	(855)	(855)	(855)	(855)	(855)
Income Tax	(80,857)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)	(2,190)
Net Operating Cash Flow	(120,117)	6,075	6,075	6,075	6,075	6,075	6,075	6,075	6,075	6,075	6,075
Capital											
Incremental Capital	(289,224)	-	-	-	-	-	-	-	-	-	-
Change in Working Capital	(6)	-	-	-	-	-	-	-	-	-	-
Total Capital	(289,230)	-	-	-	-	-	-	-	-	-	-
CCA Tax Shield											
CCA Tax Shield	71,580	355	327	301	277	255	235	217	200	185	481
Net Present Value											
PV of Operating Cash Flow	89,954	1,072	1,012	956	903	853	806	762	720	680	642
PV of Capital	(286,677)	-	-	-	-	-	-	-	-	-	-
PV of CCA Tax Shield	46,796	63	54	47	41	36	31	27	24	21	142
Total NPV by Year	(149,927)	1,134	1,067	1,004	945	889	838	789	743	700	784

Project NPV	**(149,927)**
Project PI	**0.48**

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

Assumptions

Line	(a)	(b)	(c)	(d)=(b)-(c)
	Fuel Prices	$/m^3	Gas $/m^3	Diff $/m^3
1	Heating Oil	1.90	0.30	1.60
2	Propane	1.14	0.30	0.84
3	Electricity	1.08	0.30	0.78

Fuel Mix in the Event Gas is Not Available

	(e)	(f)=(d)*(e)
	General Service	
	Fuel Mix	Wt Ave Diff $/ M^3
Heating Oil	24%	0.382
Propane	10%	0.080
Electricity	67%	0.520
Total %	100%	
Weighted Savings $/m^3		0.982

Gas and alternative fuel prices are the average posted prices for the 12 month period ending March 2023

Prices in the above table are before the added cost of Carbon.

Carbon Prices The cost of carbon is added to the price of each fuel in above table

	2024	2025	2026	2027	2028	2029	2030
Cost per tonne	$80	$95	$110	$125	$140	$155	$170

	Future Yrs 2031 and beyond
Cost per tonne	$0

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
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	226	353

NPV Fuel Savings Range from $226 Mil over 20 yrs to $353 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	$ 47	$ 232	$ 10	$ 289	
2						
3	% of Total Spend	16%	80%	4%	100%	Line 1 /Total Line 1 Col (d)
4						
5	GDP					
6	GDP Factor		0.91	*		
7	GDP Impact $ Millions		$ 212			Line 1 * Line 6
8						
9	Employment (Jobs)					
10	Jobs Factor		4.7	*		
11	Jobs Created		1,093			Line 1 * Line 10
12						
13	Taxes Paid by Union Gas					
14	Property Tax		$ 17			Source: NPV DCF
15	Provincial Income Tax		$ 28			Source: NPV DCF
16	Total Provincial Taxes		$ 45			
17	Federal Income Tax		$ 22			Source: NPV DCF
18	Total Taxes Paid		$ 67			
19						
20	Total Value to Ontario					
21	GDP Impact $ Millions		$ 212			Line 7
22	Total Provincial Taxes		$ 45			Line 16
23	NPV Total Value to Ontario		$ 257			

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").[1] In May 2023 AECOM confirmed that that the ER included at Attachment 1 to this Exhibit remains appropropriate with respect to the 2023 updated Project scope. /U

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. In May 2023 letters were sent to OPCC members, affected municipalities, conservation authorities, landowners, Indigenous communities, and other local agencies advising of the 2023 updated Project scope and expected timeline for Enbridge Gas's updated application submission. /U

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

[1] The OEB Released the 8th Edition of the Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario in March 2023, after the initiation, consultation and finalization of the Project and associated Environmental Report.

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 the environmentally preferred route for the proposed pipeline. 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. /U

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. Enbridge Gas has obtained a Letter of Advice ("LOA") from the MECP and a permit from the DFO regarding species at risk. /U

C. Archaeology

13. An archaeological assessment has been completed by a licensed archaeological firm along the pipeline route, as recommended in the ER, for all but three remaining properties. Enbridge Gas proposes to have completed all archaeological assessments prior to construction. Enbridge Gas has received notification from the Ministry of Citizenship and Multiculturalism ("MCM") on the Stage 1 Archaeological Assessment which has been entered into the Registry. /U

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 has assessed the Project for potential environmentally sensitive areas, including wetlands, and has developed mitigation measures in consultation with the MECP and the Lower Thames Valley Conservation Authority as appropriate. /U

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 have been obtained from the DFO, the MECP, and Lower Thames Valley Conservation Authority. /U

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. For trees removed within the proposed easement and temporary working space, Enbridge Gas has a tree replacement program. For this Project, trees cut from woodlots will be replaced at a 3:1 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. /U

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). Enbridge Gas has developed and will continue to develop appropriate mitigation measures to reduce potential negative impacts to these social-economic features. /U

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, 2022 – June 5, 2023
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**
Municipal/County			
Mayor Richard Meloche *Town of Essex* rmeloche@essex.ca and Doug Sweet *Town of Essex* dsweet@essex.ca and Nelson Silvira *Town of Essex* nsilveira@essex.ca	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.
Dee Blais *Executive Assistant to Chief Administrative Officer* *County of Essex* DBlais@countyofessex.ca and Mike Galloway *Chief Administrative Officer* *County of Essex*	Email on June 9, 2022	Dee Blais provided a letter from Mike Galloway containing comments from the County of Essex on the Environmental Report (ER). The County of Essex noted several County projects in the proposed Panhandle Loop and Leamington Interconnect project area, encouraged the use of private easements and advised that further review/permits will be required.	Mark Van der Woerd (AECOM) confirmed receipt and thanked the County of Essex for their comments on the ER.
Agencies			
Stephanie Bergman *Planner* *Ministry of Municipal Affairs and Housing (MMAH)* Stephanie.Bergman@ontario.ca	Email on June 3, 2022	Stephanie Bergman emailed Jordan Witt (AECOM) to confirm receipt of 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)* Katy.Potter@ontario.ca and Mark Badali *Regional Environmental Planner* *MECP* Mark.Badali1@ontario.ca	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)* kmanouchehri@tssa.org	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.
Kourosh Manouchehri *Engineering* *TSSA*	Letter on June 16, 2022	Kourosh Manouchehri provided Enbridge Gas with a letter noting the applicable regulation (O. Reg. 210/01) and applicable standard (CSA Z662-19) for the project. The letter also acknowledged that TSSA has	N/A

Ontario Pipeline Co-ordinating Committee (OPCC) Review Summary Table
Comments received between April 29, 2022 – June 5, 2023
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**
kmanouchehri@tssa.org		reviewed the technical aspects of the project and that there are two outstanding questions to the operator on the high consequence area analysis and related risk assessment that need to be addressed. TSSA will issue a final letter review upon receipt of the outstanding documents.	
Kourosh Manouchehri *Engineering* *TSSA* kmanouchehri@tssa.org	Letter on July 26, 2022	Kourosh Manouchehri provided Enbridge Gas with a letter noting the applicable regulation and standard for the project (i.e., O. Reg. 210/01 and Z66219, respectively). The letter also advised that the project has been reviewed on the technical aspects of the project (e.g., design, material specification, wall thickness calculation, etc.) and all outstanding items have been addressed by Enbridge Gas. The letter also noted that the TSSA may audit and inspect Enbridge Gas to ensure compliance with the technical and safety standards for the construction and operation of the project.	N/A
Amanda Rodek *Program Analyst* *Ministry of Transportation (MTO)* amanda.rodek@ontario.ca	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* *Ministry of Northern Development, Mines, Natural Resources and Forestry (NDMNRF)* keith.johnston@ontario.ca	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 advised that the ER was sent to a ministry colleague to review and should they have any comments/concerns, they will provide directly.	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.
Sam Short *Regional Planner* *NDMNRF* sam.short@ontario.ca	Email on June 9, 2022	Sam Short provided comments from the NDMNRF on the ER, which focused on natural heritage features (i.e., wetlands) and the Public Lands Act and Lakes and Rivers Improvement Act.	Mark Van der Woerd (AECOM) confirmed receipt and thanked the NDMNRF for their comments on the ER.
Laura Romeo *Heritage Planner* *Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI)* laura.romeo@ontario.ca and Karla Barboza *Team Lead* *MHSTCI* karla.barboza@ontario.ca	Email on June 10, 2022	Laura Romeo provided comments from the MHSTCI on the ER, which noted that a Stage 1 Archaeological Assessment (AA) has been received by the ministry and is under review and provided revisions/recommendations to the text in the archeology and culture heritage sections of the ER.	N/A
Mark Badali *Senior Project Evaluator* *MECP* Mark.Badali1@ontario.ca	Email on May 10, 2023	Mark Badali acknowledged receipt of the project update letter sent via email on May 4 to Ontario Pipeline Coordinating Committee (OPCC) member Andrew Evers (currently out of office).	N/A
Conservation Authority			
Connor Wilson *Planning Technician*	Email on June 13, 2022	Connor Wilson provided comments from the LTVCA on the ER, which noted that attention much be given for any development that falls within the Thames River, Jenette's Creek, Baptiste Creek, the St. Clair	Jordan Witt (AECOM) thanked Connor Wilson for providing LTVCA comments on the ER and advised that they will be in touch with the LTVCA regarding the permitting process.

Ontario Pipeline Co-ordinating Committee (OPCC) Review Summary Table
Comments received between April 29, 2022 – June 5, 2023
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**
Lower Thames Valley Conservation Authority (LTVCA) connor.wilson@ltvca.ca		National Wildlife Area, Provincially Significant Wetlands and their associated 120 m adjacent lands, municipal diking structures and the extensive flood plain in the area.	
Kim Darroch *Team Lead, Planning Services* *Essex Region Conservation Authority (ERCA)* kdarroch@erca.org	Email on June 17, 2022	Kim Darroch provided comments from the ERCA on the ER, which noted that portions of the Study Area are regulated by the ERCA and may require a permit and/or clearance. ERCA also noted that the Study Area may also lie wholly or partially within the Event Based Area of the Essex Region Source Protection Plan and advised that projects in these areas may require approval from the Essex Region Risk Management Official. ERCA also mentioned that parts of the Study Area were located within a Highly Vulnerable Aquifer and Significant Groundwater Recharge Area. ERCA recommended that a meeting with ERCA staff be set up as detailed design progresses in order to discuss permitting requirements and asked that all project correspondence moving forward be sent to their planning inbox.	Jordan Witt (AECOM) confirmed receipt and thanked the ERCA for their comments on the ER. Jordan Witt (AECOM) in another email also advised that a meeting to discuss permitting requirements with the ERCA would be desirable in the future.
Kim Darroch *Team Lead, Planning Services* *ERCA* kdarroch@erca.org and regs@erca.org	Email on June 27, 2022	Kim Darroch advised that the request to have a meeting with ERCA in the future was passed along to their regulations team.	Jordan Witt (AECOM) acknowledged and thanked Kim Darroch for passing along the meeting request.
Kathleen Schnekenburger *Regulations Technician* *ERCA* kschnekenburger@erca.org	Email on June 30, 2022	Kathleen Schnekenburger advised to reach out to regs@erca.org to set up a consultation meeting when necessary.	Jordan Witt (AECOM) thanked Kathleen Schnekenburger for the information and advised that meeting coordination will be sent to the provided email address when the time comes.

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 19 km in length and require an approximate 23m easement width. In total, approximately 42.0 hectares (104 acres) of permanent easement will be required for the Project. Enbridge Gas will also require approximately 71.6 hectares (177 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 upon the OEB granting leave to construct the Project. /U

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 Haldimand Shores Community Expansion Project (EB-2022-0088).[1] 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. /U

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 Haldimand Shores Community Expansion Project (EB-2022-0088).[2] 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. /U

[1] EB-2022-0088, Exhibit G, Tab 1, Schedule 1, Attachment 1; and EB-2022-0088, Decision and Order, August 18, 2022, p. 17
[2] EB-2022-0088, Exhibit G, Tab 1, Schedule 1, Attachment 2; and EB-2022-0088, Decision and Order, August 18, 2022, p. 17.

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 has obtained early access land rights for 53 of the 56 affected properties located along the Project route. Enbridge Gas requires such early access for the purposes of conducting environmental and engineering examinations and surveys, which are necessary for fixing the site of the Project and completing relevant approval processes. The Company has also obtained Easement and Temporary Land Use Agreements for those same 53 properties. /U

11. Regarding the three affected properties for which Enbridge Gas has not been able to secure early access land rights or Easement and Temporary Land Use Agreements to date, Enbridge Gas notes that these properties are adjacent to one another at the end of the Project route and are owned by related parties which are under common control. While correspondence between Enbridge Gas and these related landowners began in January 2022 and has continued, along with a number of in-person meetings since then, negotiations have not progressed to a stage where early access rights have been granted. As such, concurrent with the filing of its amendments to the current Application, Enbridge Gas is filing an application with the OEB under section 98(2) of the *Ontario Energy Board Act, 1998*, for an order /U

authorizing entry onto the properties to complete necessary examinations and surveys.[3]

12. The Company anticipates that, by the time the OEB provides its decision on the leave to construct Application for the Project, either the OEB will have issued its decision on the early access application or Enbridge Gas will have obtained the necessary early access rights with the remaining landowners. Enbridge Gas will also continue to pursue the necessary Easement and Temporary Land Use Agreements with the remaining landowners on a negotiated basis. However, if leave to construct is granted and by such time the Company has not been able to conclude the required Easement and Temporary Land Use Agreements with these landowners, Enbridge Gas will need to seek leave from the OEB to expropriate such land rights pursuant to section 99 of the *Ontario Energy Board Act, 1998* so that it could complete construction of the Project. /U

13. Given the uncertain timelines related to the Project's leave to construct proceeding and any expropriation proceeding that may be needed, the planned November 1, 2024 in-service date for the Project could potentially be impacted. In such a circumstance the Company proposes to employ a temporary contingency plan to ensure Winter 2024/2025 demands are met. The contingency plan would involve the Company installing a temporary tie-in to the east of the properties in question. The temporary tie-in would remain throughout Winter 2024/2025 and would be removed once the land matter is resolved. /U

[3] EB-2022-0285

D. Construction Monitoring and Follow-up

14. 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.

15. 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

16. 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

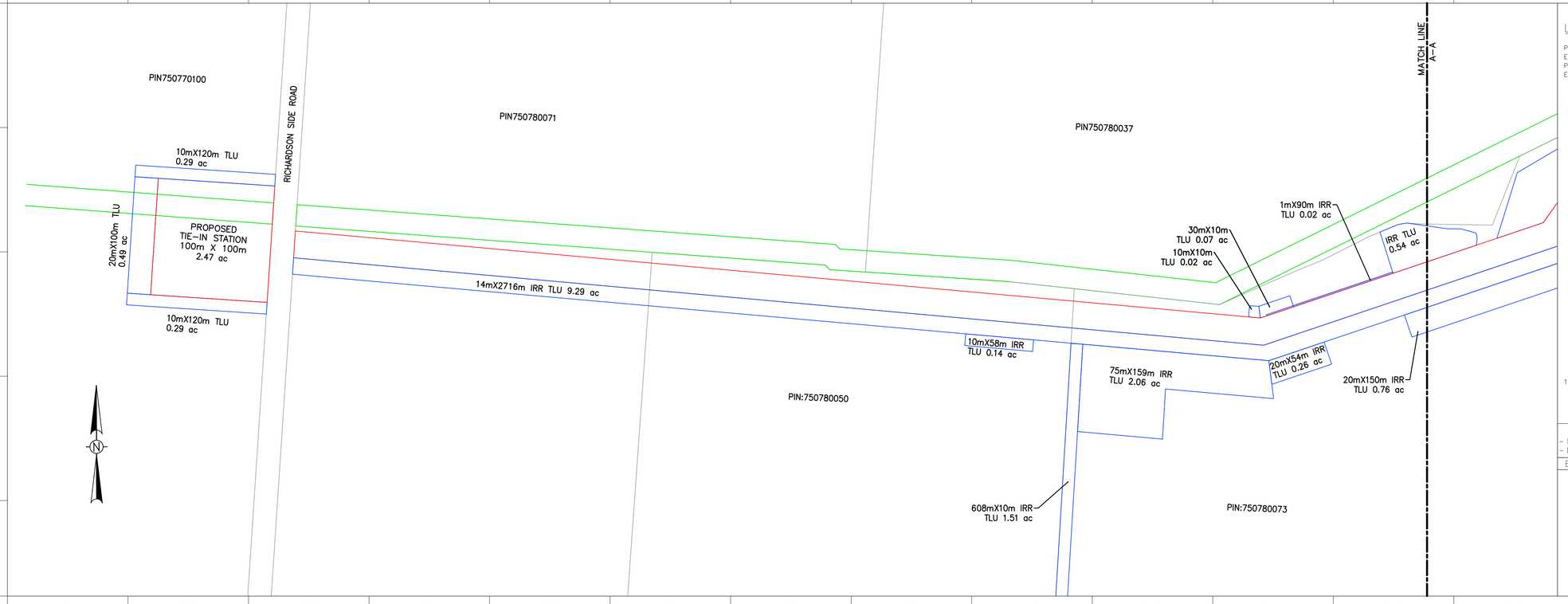
/U

AUTHORITY	PURPOSE
Provincial	
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 *Ontario Heritage Act* (OHA)
Ministry of Environment, Conservation and Parks	Permitting or registration under the *Endangered Species Act* (ESA) (2007) Permit to Take Water (PTTW) or Environmental Activity and Sector Registry (EASR) (surface and groundwater) under the *Ontario Water Resources Act* (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
Municipal	
County of Essex	
Municipality of Chatham-Kent	

Municipality of Lakeshore Lambton County	Municipal Consent of proposed alignment, including road occupancy permits for crossings and access off municipal roads
Other	
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 *Conservation Authorities Act* (1990)
Department of Fisheries and Oceans	Review and authorization under the *Fisheries Act* (1985) Permitting under the *Species at Risk Act* (2002)

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

18. 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

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 1 of 21

1:2000 0 20 60 100m

DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

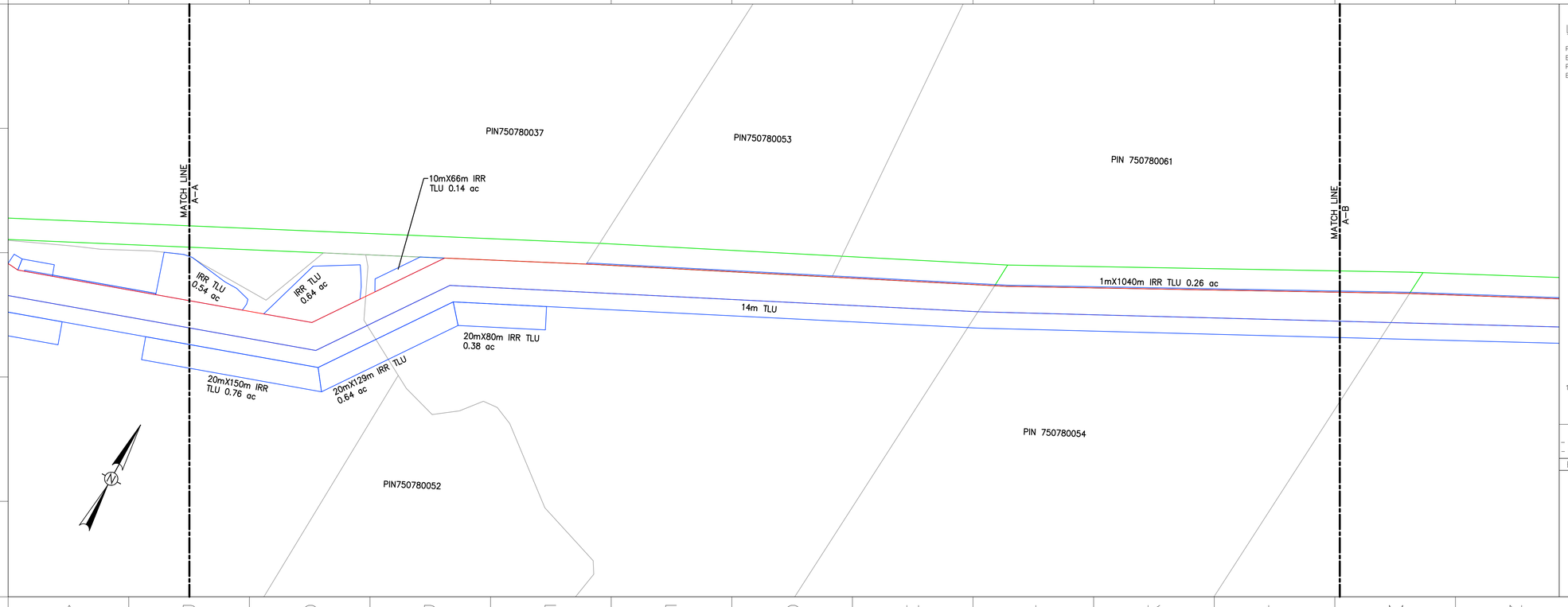
ENGINEER:

No.	DATE	BY	APP'D	REMARKS
0	2023-05-02	AC	IM	ISSUED FOR CONSTRUCTION

REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM START TO A–A

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISION DATE:	2023-05-02
SIZE: STRIP	SHEET: N/A	DRAWING No.:	PL4031-AL-01-OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 2 of 21

1:2000 0 20 60 100m

DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

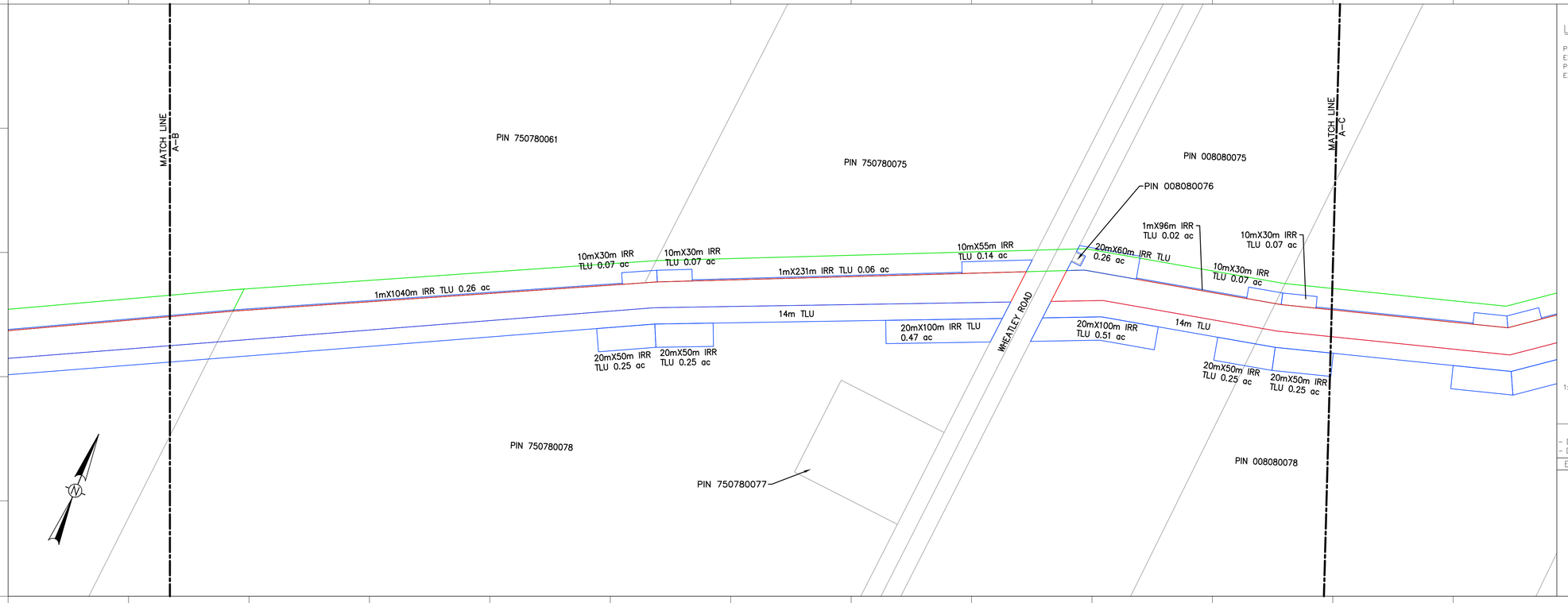
ENGINEER:

No.	DATE	BY	APP'D	REMARKS
0	2023-05-02	AC	IM	ISSUED FOR CONSTRUCTION

REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A–A TO A–B

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISION DATE:	2023-05-02
SIZE: STRIP	SHEET: N/A	DRAWING No.:	PL4031-AL-02-OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 3 of 21

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DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

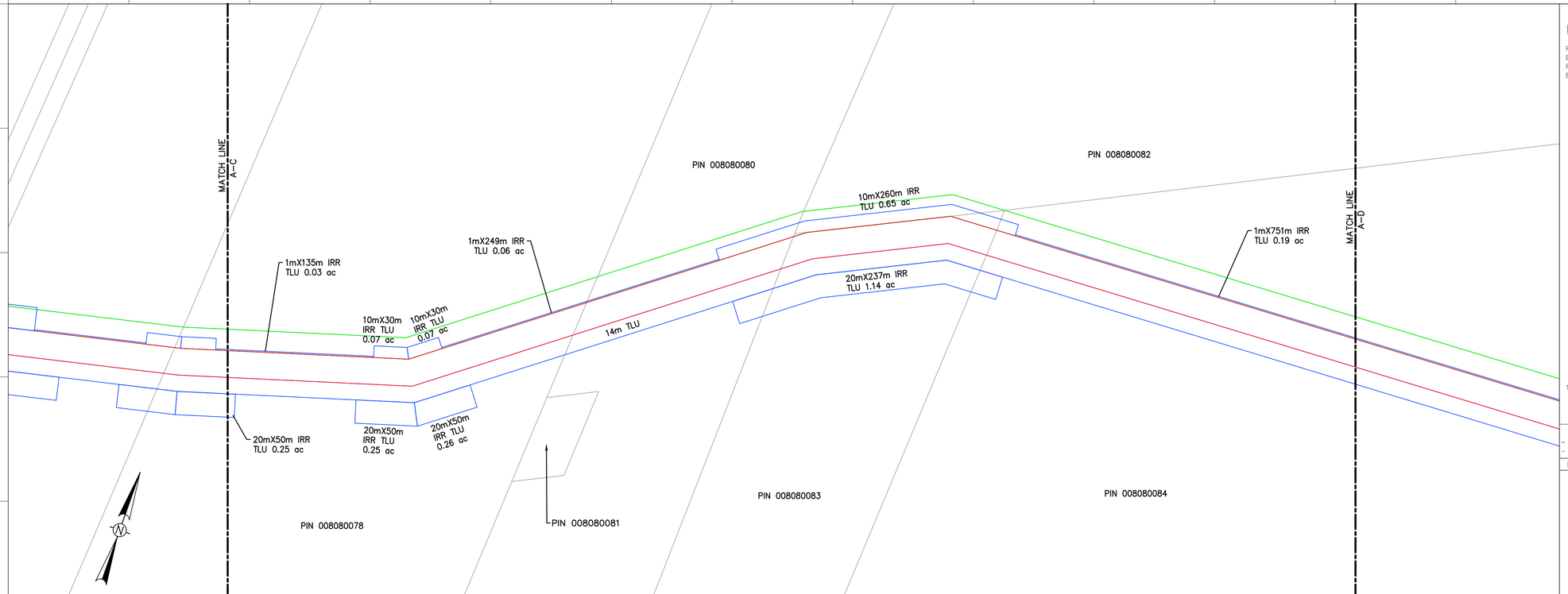
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No.	DATE	BY	APP'D	REMARKS
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A–B TO A–C

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISION DATE:	2023-05-02
SIZE: STRIP	SHEET: N/A	DRAWING No.:	PL4031-AL-03-OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 4 of 21

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DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

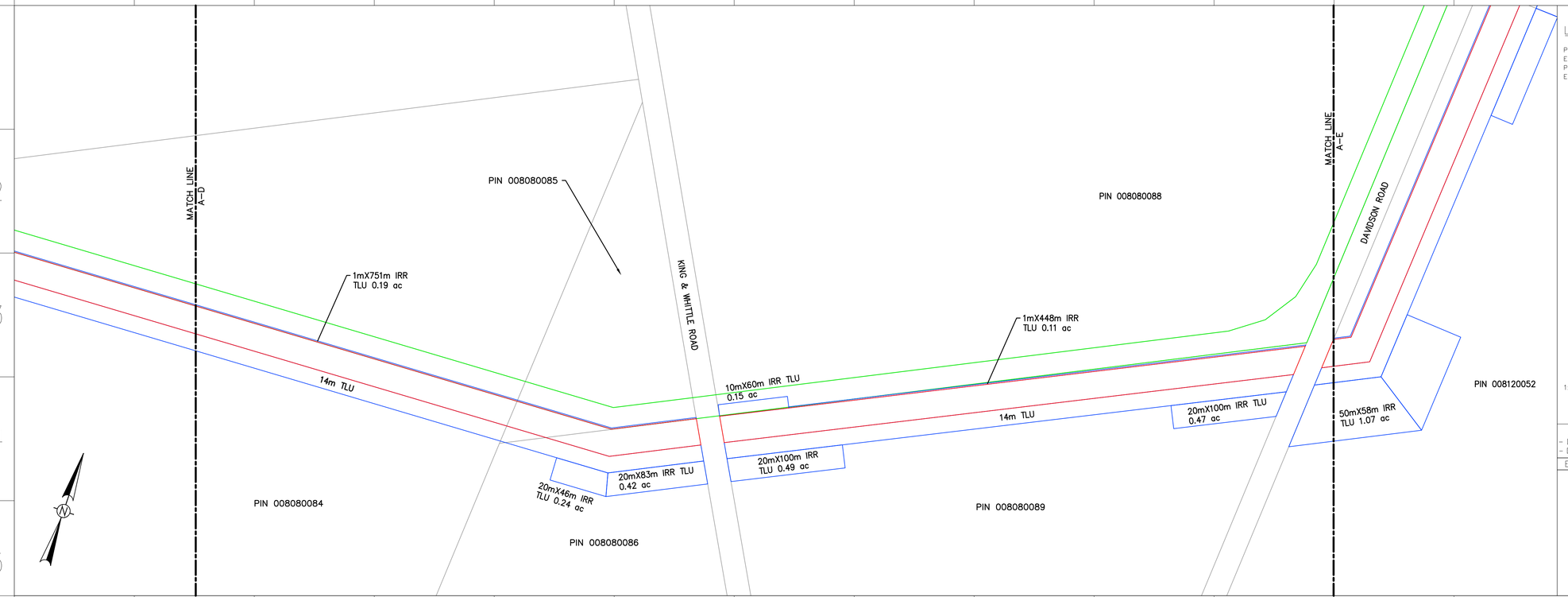
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No.	DATE	BY	APP'D	REMARKS
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A-C TO A-D

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISION DATE:	2023-05-02
SIZE: STRIP	SHEET: N/A	DRAWING No.:	PL4031-AL-04-OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

1:2000 0 20 60 100m

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 5 of 21

DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

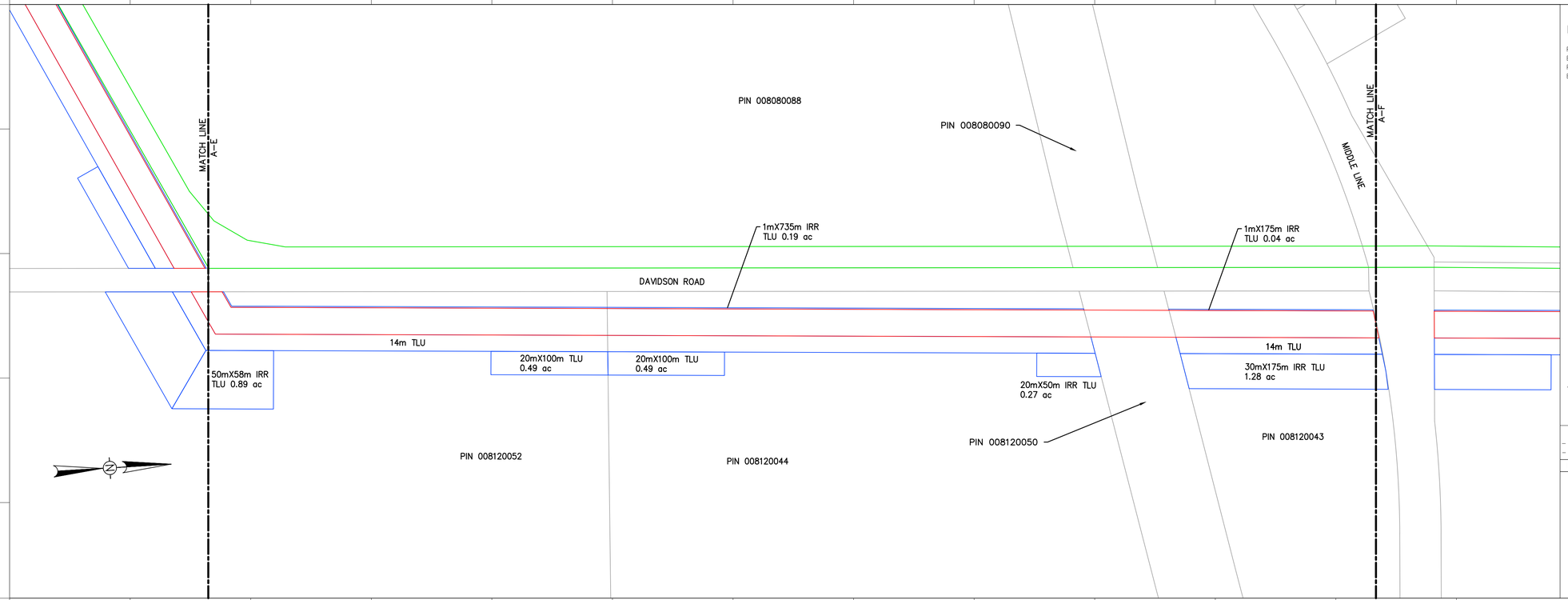
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No.	DATE	BY	APP'D	REMARKS
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A-D TO A-E

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1::2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISION DATE:	2023-05-02
SIZE: STRIP	SHEET: N/A	DRAWING No.:	PL4031-AL-05-OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 6 of 21

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- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

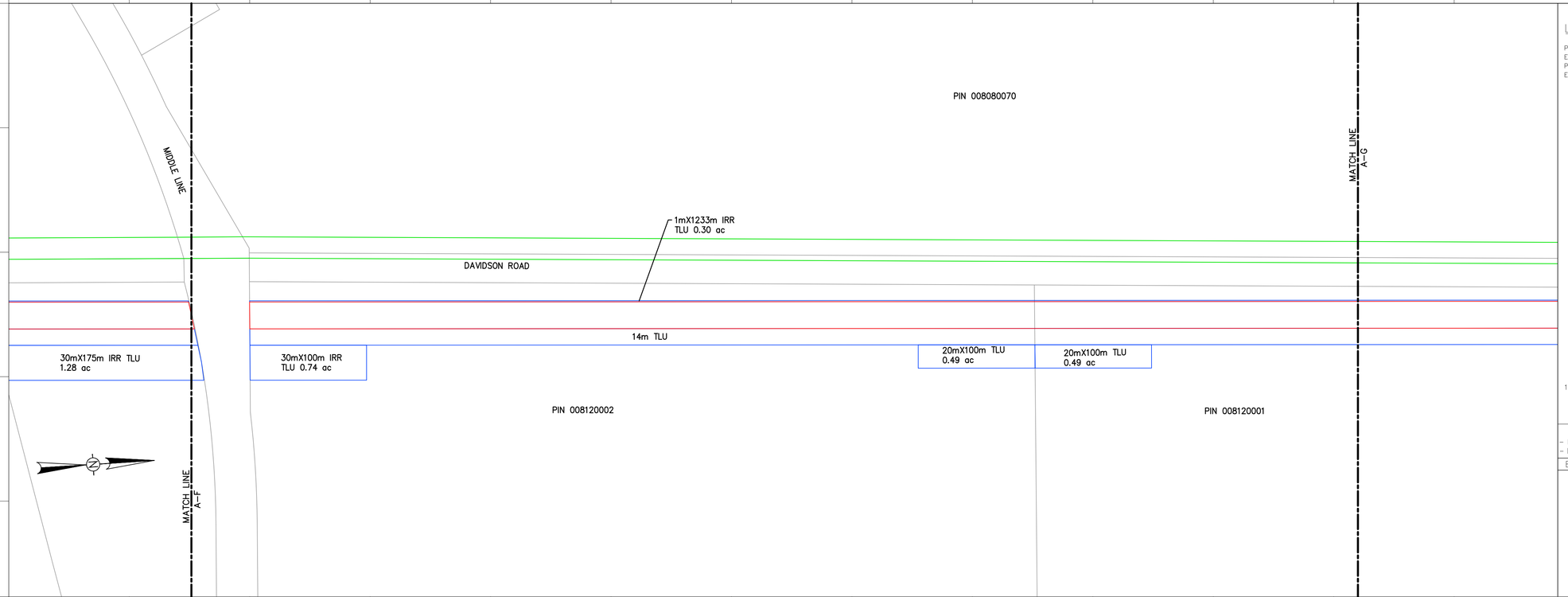
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A-E TO A-F

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISION DATE:	2023-05-02
SIZE: STRIP	SHEET: N/A	DRAWING No.:	PL4031-AL-06-OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 7 of 21

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DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

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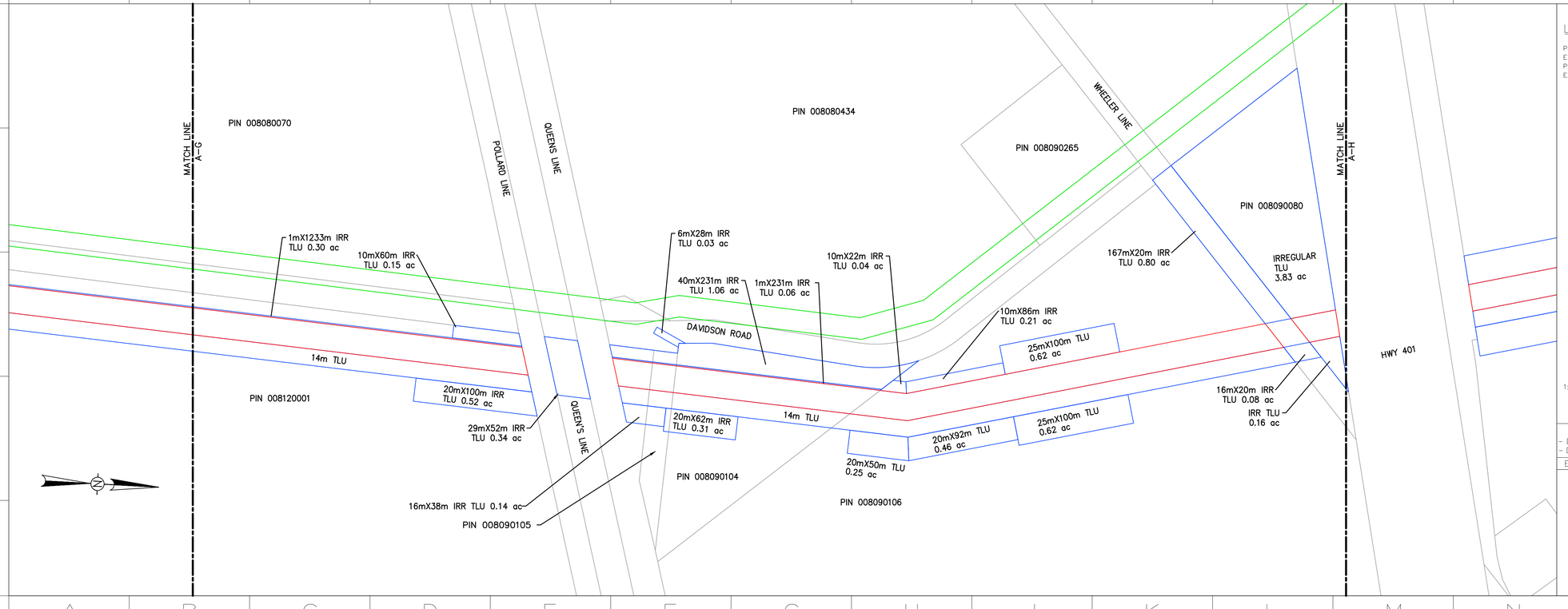
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A–F TO A–G

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISION DATE:	2023-05-02

SIZE	SHEET	DRAWING No.
STRIP	N/A	PL4031–AL–07–OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

1:2000 0 20 60 100m

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 8 of 21

DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

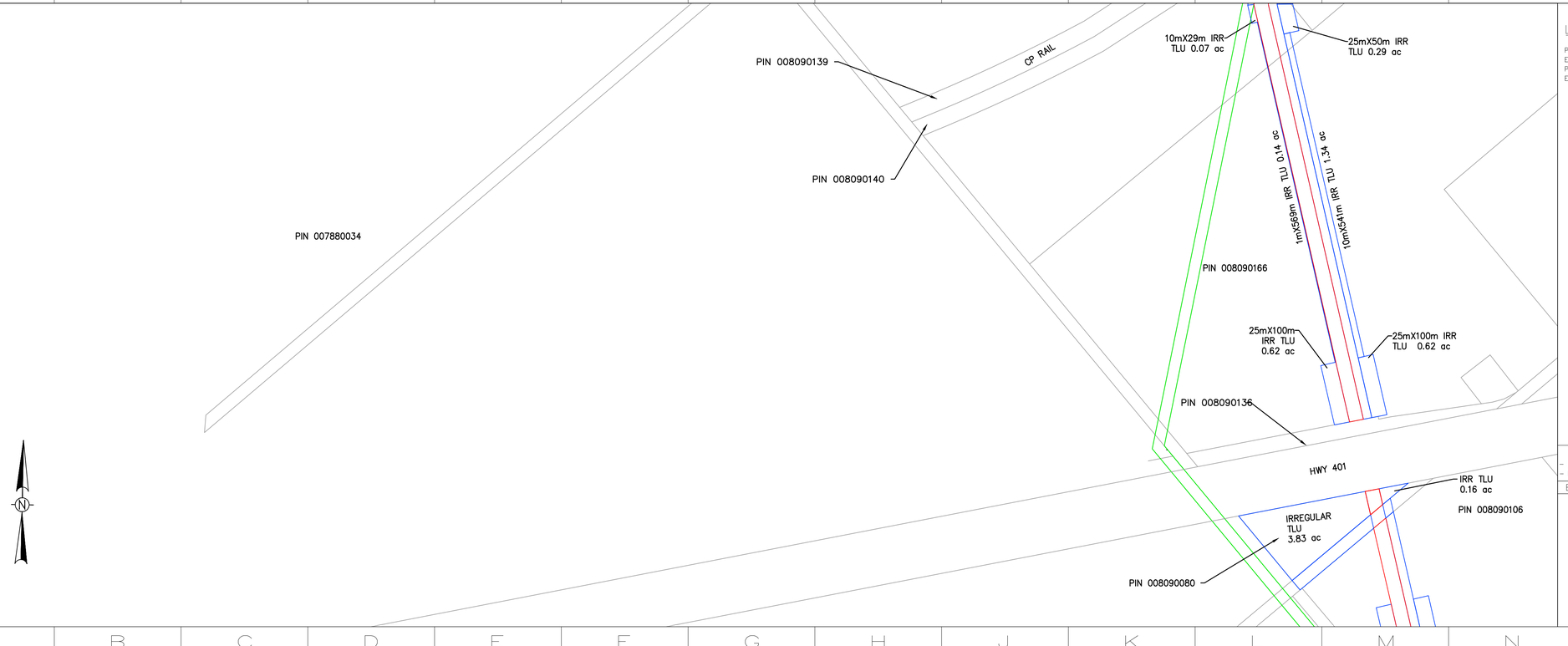
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No.	DATE	BY	APP'D	REMARKS
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A-G TO A-H

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISION DATE:	2023-05-02
SIZE: STRIP	SHEET: N/A	DRAWING No.:	PL4031-AL-08-OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 9 of 21

DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

ENGINEER:

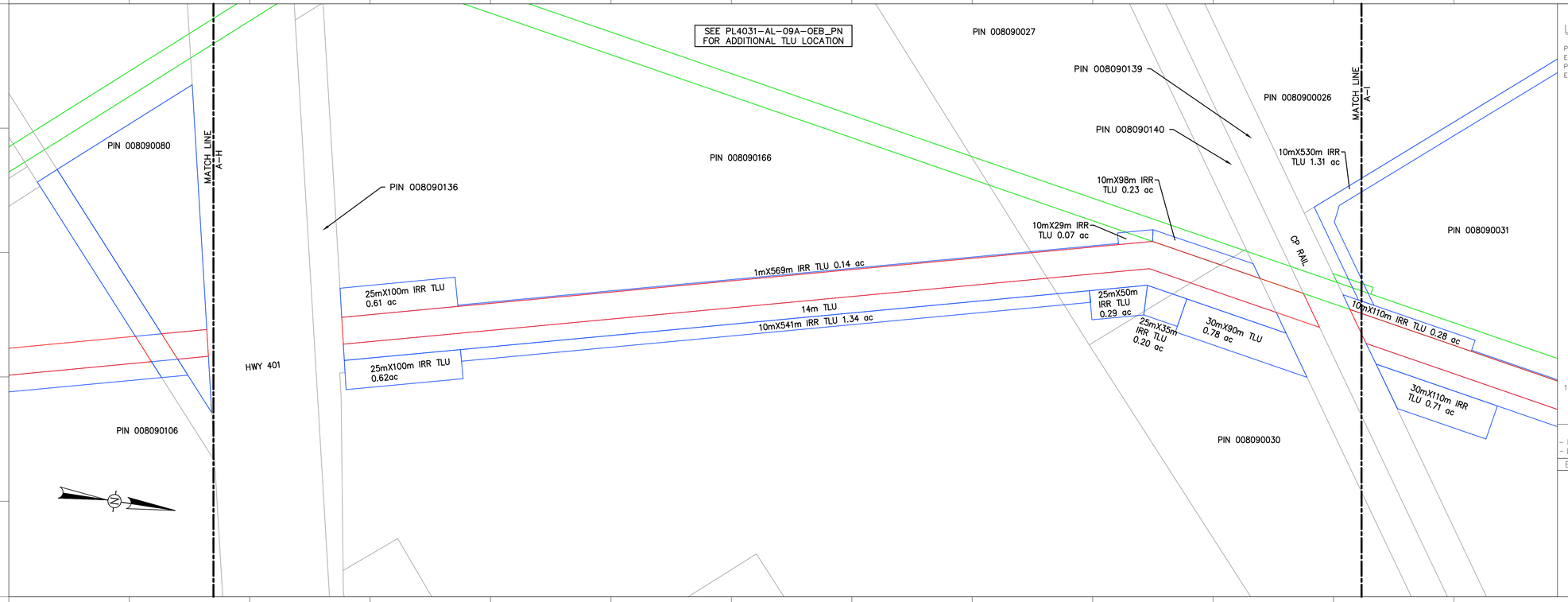
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
ADDITIONAL TLU LOCATION

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:4000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISION DATE:	2023-05-02

SIZE	SHEET	DRAWING No.
STRIP	N/A	PL4031-AL-09A-OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 10 of 21

DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

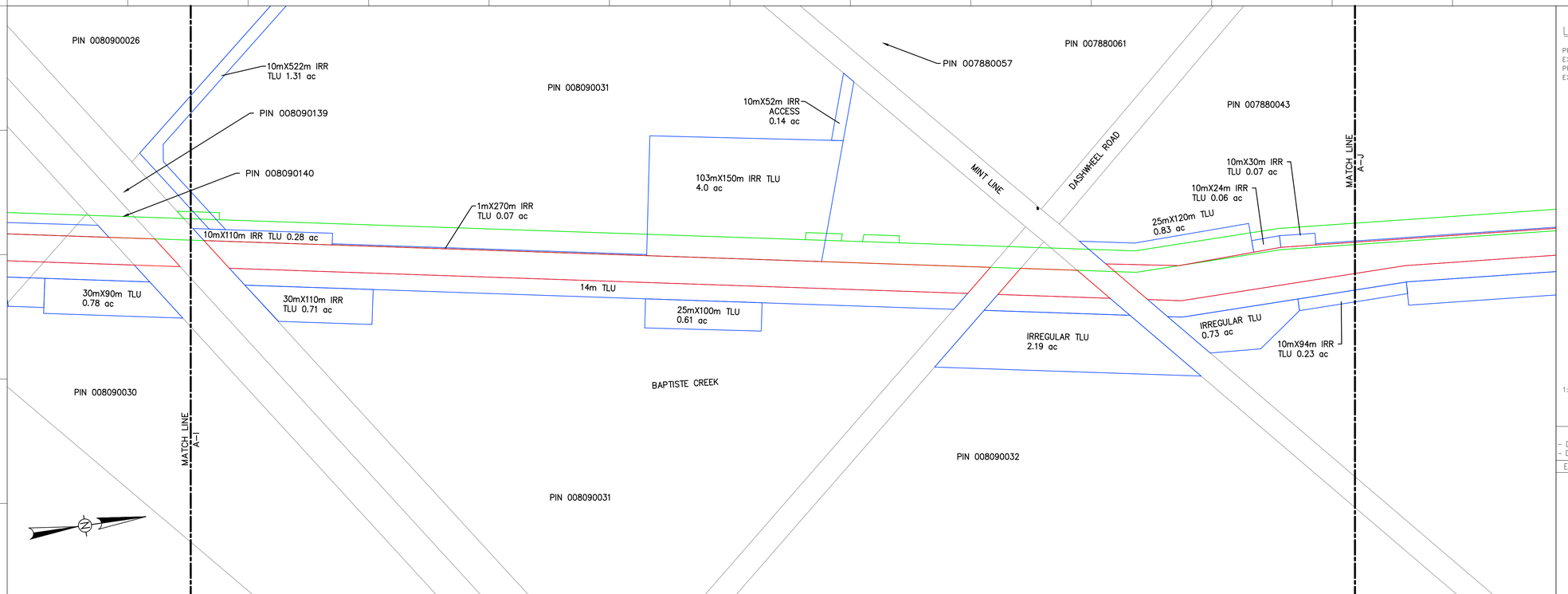
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No.	DATE	BY	APP'D	REMARKS
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A-H TO A-I

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISON DATE:	2023-05-02
SIZE: STRIP	SHEET: N/A	DRAWING No.:	PL4031-AL-09-OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

1:2000 0 20 60 100m

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 11 of 21

DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

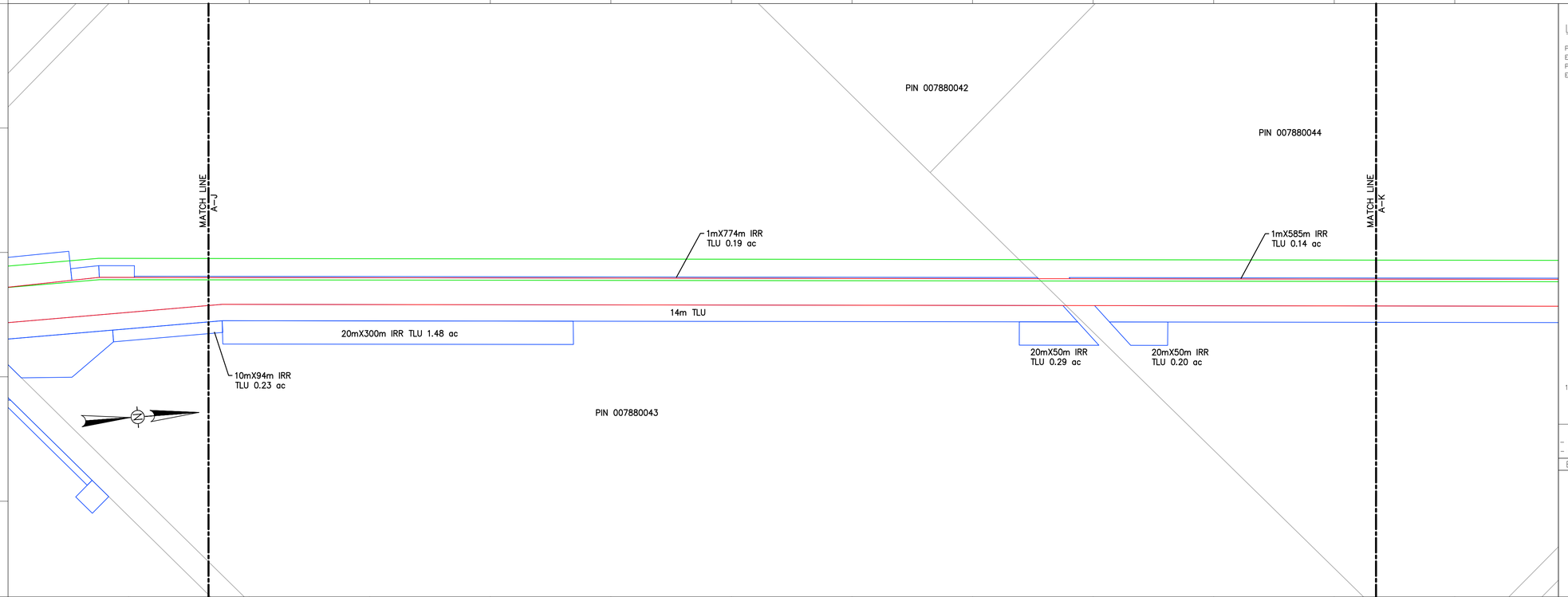
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No.	DATE	BY	APP'D	REMARKS
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A-I TO A-J

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CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
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SIZE: STRIP	SHEET: N/A	DRAWING No.:	PL4031-AL-10-OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 12 of 21

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DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

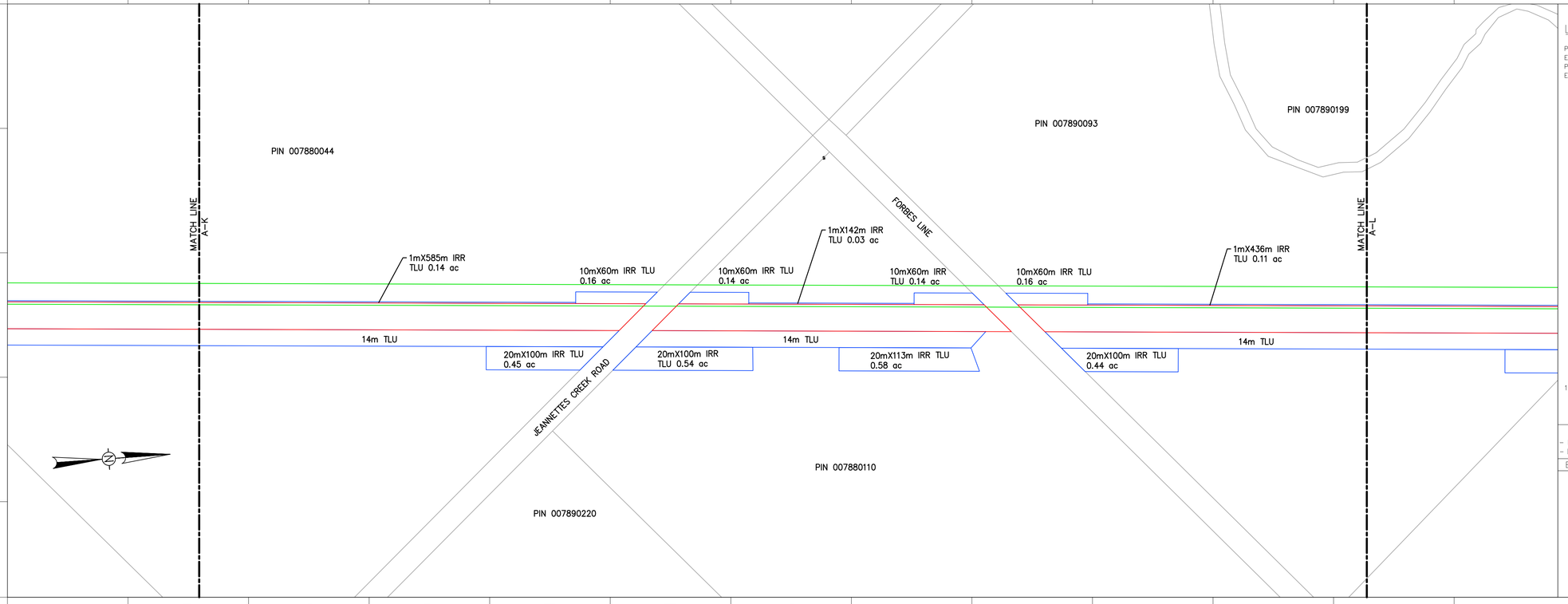
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A-J TO A-K

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SIZE: STRIP	SHEET: N/A	DRAWING No.:	PL4031-AL-11-OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 13 of 21

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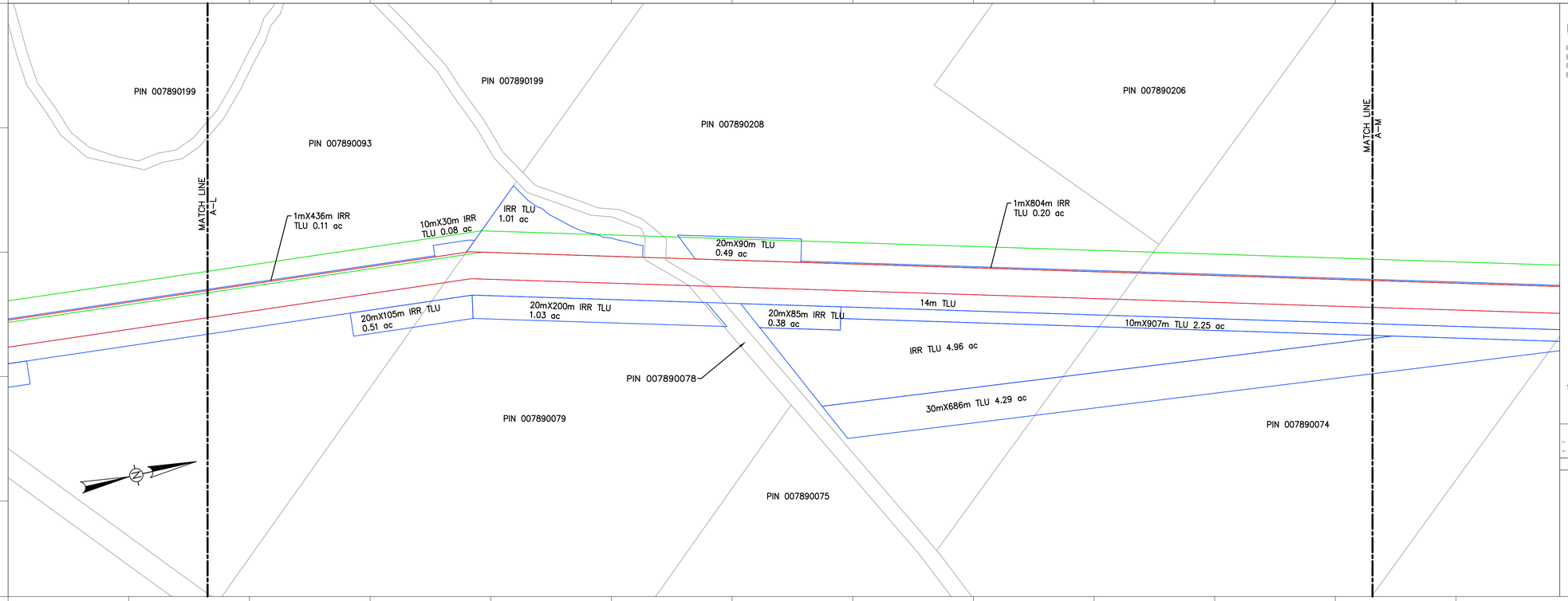
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- DESIGN PRESSURE: 6895 kPa (1000 psig)

ENGINEER:

No.	DATE	BY	APP'D	REVISIONS
0	2023-05-02	AC	IM	ISSUED FOR CONSTRUCTION

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A–K TO A–L

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:2000
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LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 14 of 21

0 20 60 100m
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DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

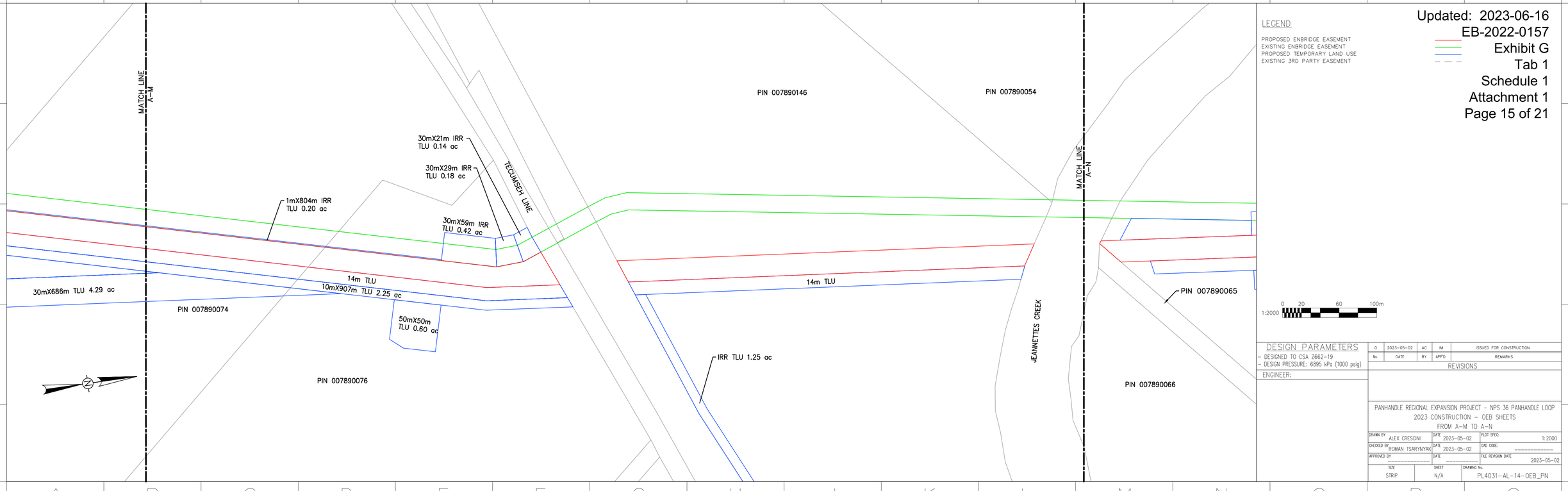
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No.	DATE	BY	APP'D	REMARKS
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A–L TO A–M

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	----------
APPROVED BY: ----------	DATE: ----------	FILE REVISION DATE:	2023-05-02
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LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 15 of 21

DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

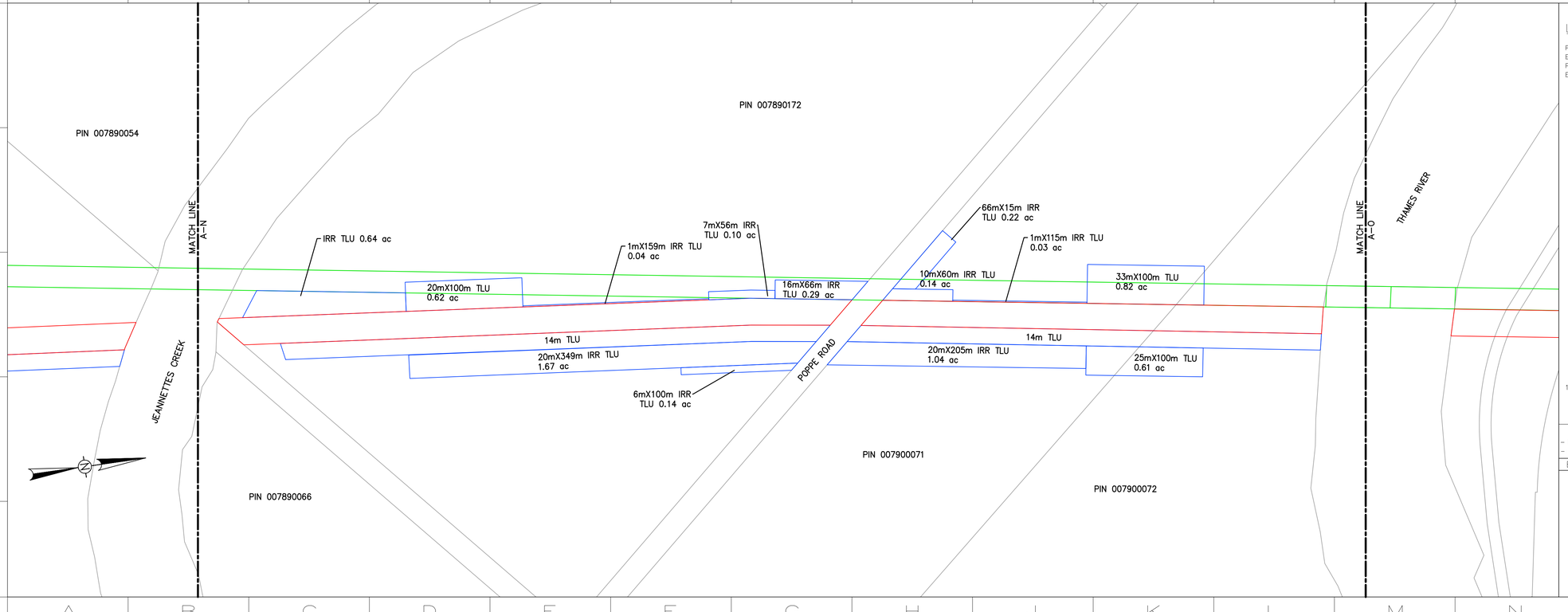
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No.	DATE	BY	APP'D	REMARKS
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A–M TO A–N

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CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	----------
APPROVED BY: ----------	DATE: ----------	FILE REVISION DATE:	2023-05-02
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LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

1:2000 0 20 60 100m

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 16 of 21

DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

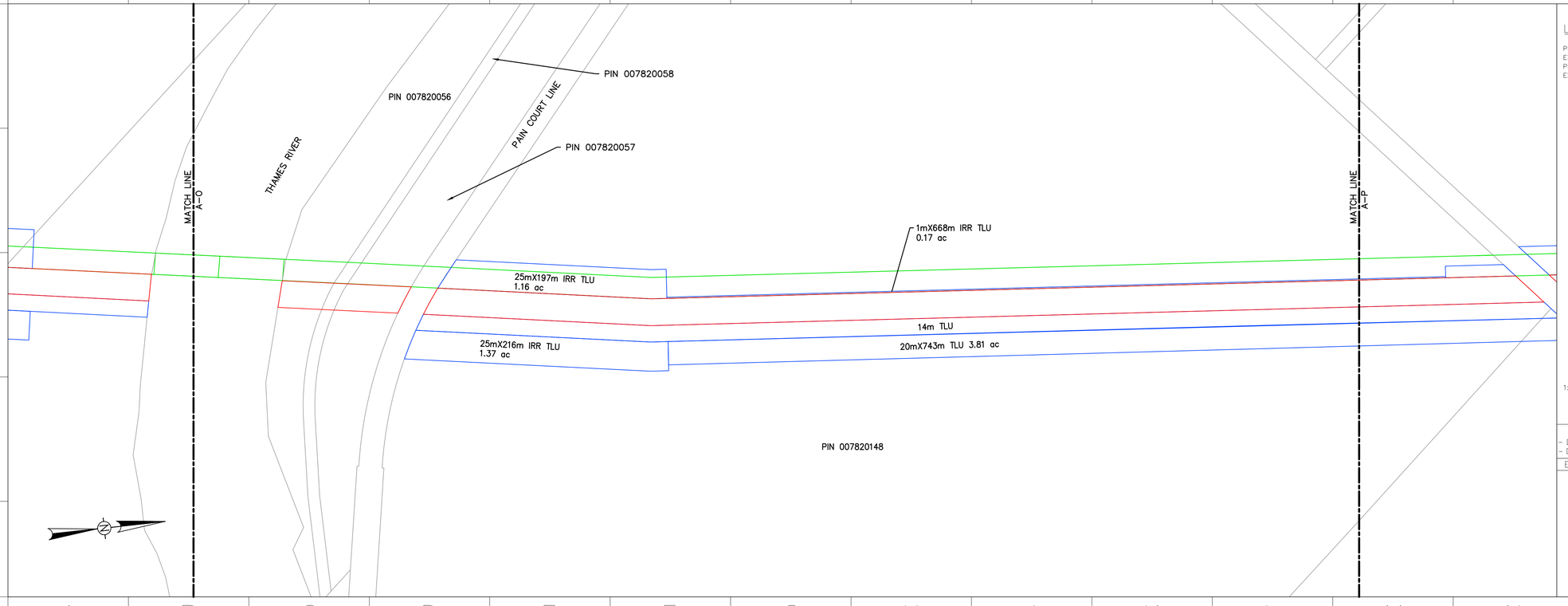
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A-N TO A-O

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
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LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 17 of 21

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DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

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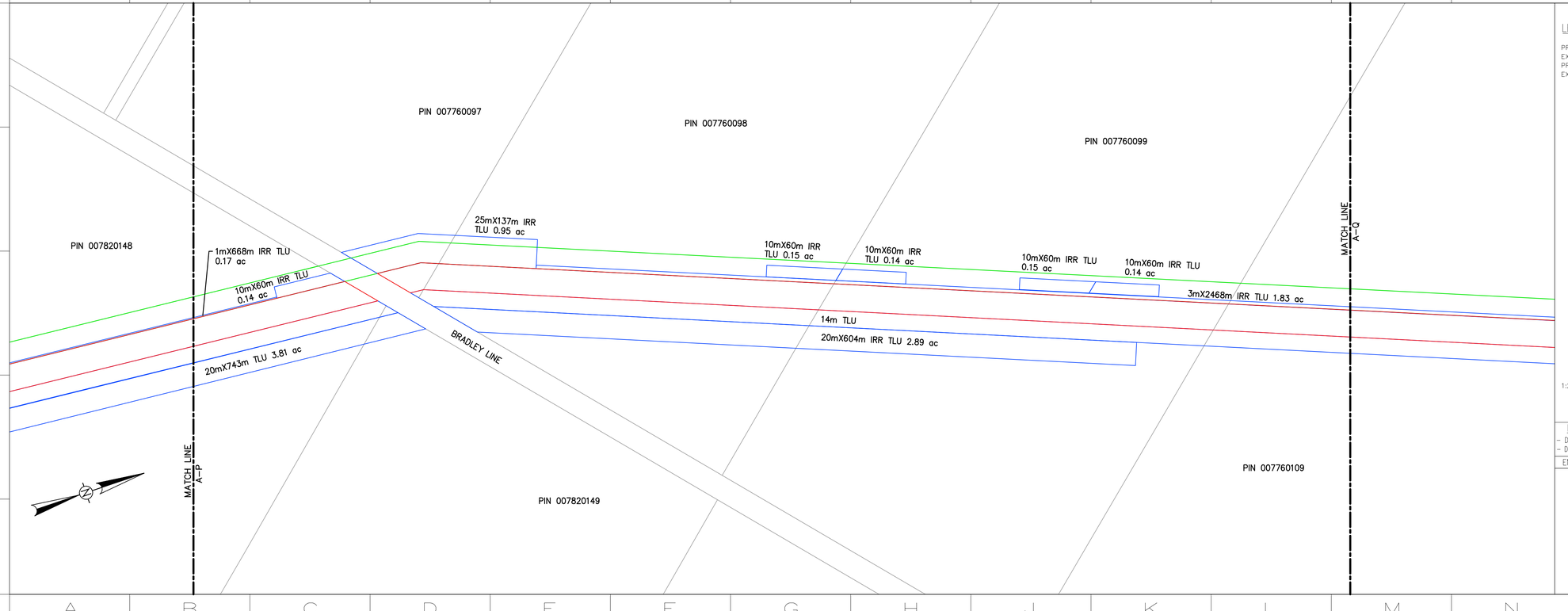
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A-O TO A-P

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISION DATE:	2023-05-02

SIZE	SHEET	DRAWING No.
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LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 18 of 21

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DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

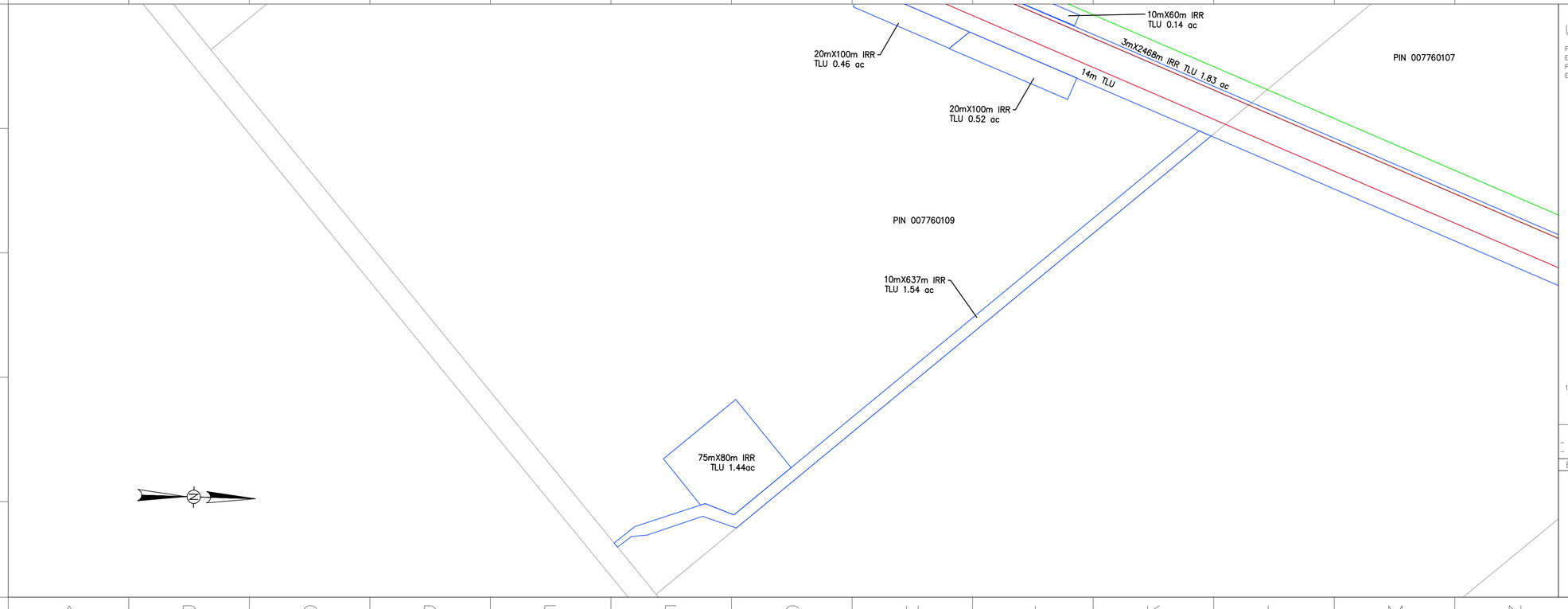
ENGINEER:

No.	DATE	BY	APP'D	REMARKS
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REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A–P TO A–Q

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISION DATE:	2023-05-02
SIZE: STRIP	SHEET: N/A	DRAWING No.:	PL4031-AL-17-OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 19 of 21

1:2000 0 20 60 100m

DESIGN PARAMETERS

- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

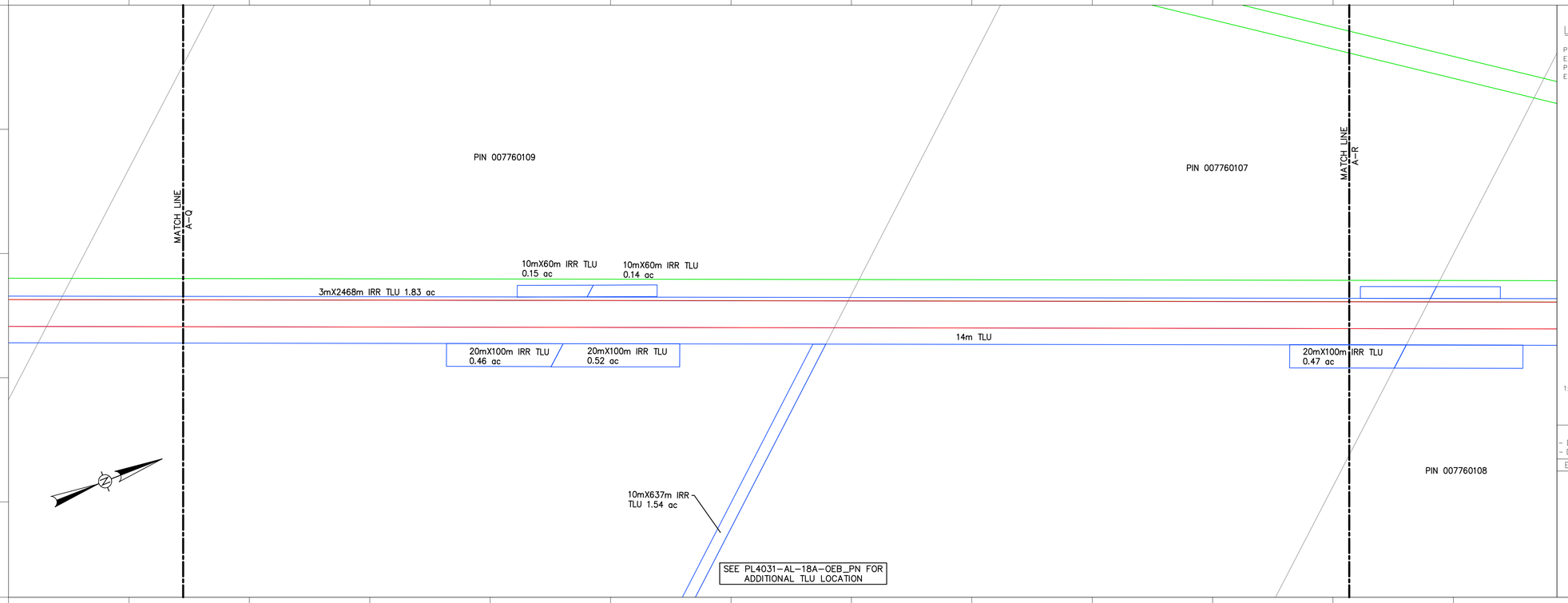
ENGINEER:

No.	DATE	BY	APP'D	REMARKS
0	2023-05-02	AC	IM	ISSUED FOR CONSTRUCTION

REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
ADDITIONAL TLU LOCATION

DRAWN BY: ALEX CRESCINI	DATE: 2023-05-02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISION DATE:	2023-05-02
SIZE: STRIP	SHEET: N/A	DRAWING No.:	PL4031-AL-18A-OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 20 of 21

0 20 60 100m
1:2000

DESIGN PARAMETERS
- DESIGNED TO CSA Z662–19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

ENGINEER:

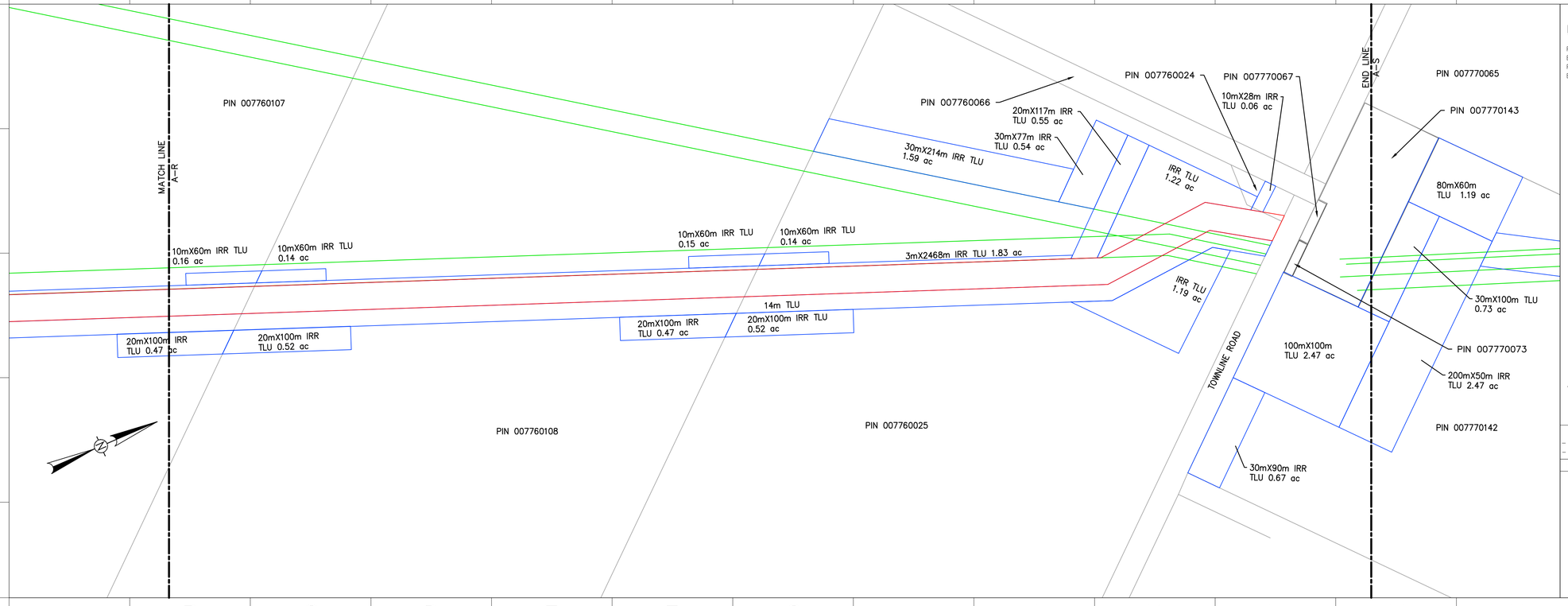
No.	DATE	BY	APP'D	REMARKS
0	2023–05–02	AC	IM	ISSUED FOR CONSTRUCTION

REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A–Q TO A–R

DRAWN BY: ALEX CRESCINI	DATE: 2023–05–02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023–05–02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISION DATE:	2023–05–02

SIZE	SHEET	DRAWING No.
STRIP	N/A	PL4031–AL–18–OEB_PN



LEGEND

PROPOSED ENBRIDGE EASEMENT
EXISTING ENBRIDGE EASEMENT
PROPOSED TEMPORARY LAND USE
EXISTING 3RD PARTY EASEMENT

1:2000 0 20 60 100m

Updated: 2023-06-16
EB-2022-0157
Exhibit G
Tab 1
Schedule 1
Attachment 1
Page 21 of 21

DESIGN PARAMETERS
- DESIGNED TO CSA Z662-19
- DESIGN PRESSURE: 6895 kPa (1000 psig)

ENGINEER:

No.	DATE	BY	APP'D	REMARKS
0	2023-05-02	AC	IM	ISSUED FOR CONSTRUCTION

REVISIONS

PANHANDLE REGIONAL EXPANSION PROJECT – NPS 36 PANHANDLE LOOP
2023 CONSTRUCTION – OEB SHEETS
FROM A–Q TO A–R

DRAWN BY: ALEX CRESONI	DATE: 2023-05-02	PLOT SPEC:	1:2000
CHECKED BY: ROMAN TSARYNYAK	DATE: 2023-05-02	CAD CODE:	
APPROVED BY:	DATE:	FILE REVISION DATE:	2023-05-02
SIZE: STRIP	SHEET: N/A	DRAWING No.:	PL4031-AL-19-OEB_PN

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]	[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]	[redacted]		[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	" "	" "		" "		" "	" "	" "	" "	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	007760025	" "	" "		" "		" "	" "	" "	" "	ELEXCO 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	
D	007760025	" "	" "		" "		" "	" "	" "	" "	UNION GAS LTD.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007760025	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007760097	[redacted]	[redacted]		[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	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R. #1		PAIN COURT	ON	N0P 1Z0	
D	007760097	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R. #1		PAIN COURT	ON	N0P 1Z0	
D	007760097	" "	" "		" "		" "	" "	" "	" "	BRADLEY PRIVATE ROAD CORPORATION	R.R. #1		PAIN COURT	ON	N0P 1Z0	
D	007760097	" "	" "		" "		" "	" "	" "	" "	[redacted]			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	" "	" "		" "		" "	" "	" "	" "				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	

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	" "	" "		" "		" "	" "	" "	" "	[redacted]			BOWEN ISLAND	BC	V0N 1G2	
D	007760097	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
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	" "	" "		" "		" "	" "	" "	" "	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	[redacted]	[redacted]		[redacted]		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	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R. #1		PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "	BRADLEY PRIVATE ROAD CORPORATION	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "	[redacted]			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	

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	" "	" "		" "		" "	" "	" "	" "	[redacted]			PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007760098	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1	
D	007760098	" "	" "		" "		" "	" "	" "	" "	FIRST CHATHAM ENERGY LTD.	615 RICHMOND STREET		CHATHAM	ON	N5M 5K6	
D	007760098	" "	" "		" "		" "	" "	" "	" "	LAST DITCH FARMS LIMITED	4975 BRADLEY LINE		PAIN COURT	ON	N0P 1Z0	
D	007760098	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007760098	" "	" "		" "		" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE N.	BOX 2001	CHATHAM	ON	N7M 5M1	
D	007760099	[redacted]	[redacted]		[redacted]		PAIN COURT	ON	N0P 1Z2	PART OF LOT 4, CONCESSION 2, DOVER WEST, BEING PARTS 15, 16, 17, 18, 19 AND 20, PLAN 24R 10682, S/T D1318, D1355 OVER PART 18, REFERENCE PLAN 24R 10682; TOGETHER WITH AN EASEMENT OVER PART LOT 3, CONCESSION 2, DOVER WEST, BEING PART 2, PL 24R10738 AND PT 26, PLAN 24R 10682 AS IN CK184562; TOGETHER WITH AN EASEMENT PART OF LOT 4, CONCESSION 2, DOVER WEST, BEING PART 2, REFERENCE PLAN 24R 10738 AS IN CK184561; SUBJECT TO AN EASEMENT OVER PART 16, REFERENCE PLAN 24R 10682 AS IN INSTRUMENT CK179962; MUNICIPALITY CHATHAM-KENT	BRADLEY FARMS LIMITED	R.R. #1		PAIN COURT	ON	N0P 1Z0	
D	007760099	" "	" "		" "		" "	" "	" "	" "	2812345 ONTARIO LIMITED	5272 PAIN COURT		PAIN COURT	ON	N0P 1Z0	
D	007760099	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007760099	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R. #1		PAIN COURT	ON	N0P 1Z0	
D	007760099	" "	" "		" "		" "	" "	" "	" "	BRADLEY PRIVATE ROAD CORPORATION	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007760099	" "	" "		" "		" "	" "	" "	" "	[redacted]			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	

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]			BOWEN ISLAND	BC	V0N 1G2	
D	007760099	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760099	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760099	" "	" "		" "		" "	" "	" "	" "				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]		BOWEN ISLAND	BC	V0N 1G2	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	BRADLEY FARMS LIMITED	R.R. #1		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	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R. #1		PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "	BRADLEY PRIVATE ROAD CORPORATION	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "	[redacted]			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	" "	" "		" "		" "	" "	" "	" "				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	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
D	007760107	" "	" "		" "		" "	" "	" "	" "				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	007760107	" "	" "		" "		" "	" "	" "	" "	[redacted]			PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760107	" "	" "		" "		" "	" "	" "	" "	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007760107	" "	" "		" "		" "	" "	" "	" "	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	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	[redacted]	[redacted]		[redacted]		BOWEN ISLAND	BC	V0N 1G2	PART OF LOTS 1 AND 2, CONCESSION 2, DOVER WEST, BEING PARTS 51, 52, 53, 54, 55, 56 AND 57, REFERENCE PLAN 24R 10682; S/T EASEMENT OVER PART 56, REFERENCE PLAN 24R 10682 AS IN 265140; SUBJECT T0 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	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R. #1		PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "	BRADLEY PRIVATE ROAD CORPORATION	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "	[redacted]			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	

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	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760108	" "	" "		" "		" "	" "	" "	" "				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 MIDSTREAM CANADA ULC	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]		[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 324R10738 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	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R. #1		PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R. #1		PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "	BRADLEY PRIVATE ROAD CORPORATION	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "	[redacted]			PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007760109	" "	" "		" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
D	007760109	" "	" "		" "		" "	" "	" "	" "				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	" "	" "		" "		" "	" "	" "	" "	[redacted]			PAIN COURT	ON	N0P 1Z0	
D	007760109	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
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 S	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 DO28879 AMENDED BY 242583; CHATHAM-KENT	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
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 M5G 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 EASEMENT IN GROSS OVER PARTS 2, 3, 4, 5, 6 & 9, 24R-10361 AS IN CK140356 MUNICIPALITY CHATHAM-KENT	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, 607 8 AVENUE SW, CALGARY AB T2P 0A7
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	

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	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			" "	" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "	BRADLEY PRIVATE ROAD CORPORATION	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "	[redacted]			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	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "	FIRST CHATHAM ENERGY LTD.	615 RICHMOND STREET		CHATHAM	ON	N5M 5K6	
D	007820056			" "	" "		" "	" "	" "	" "	LAST DITCH FARMS LIMITED	4975 BRADLEY LINE		PAIN COURT	ON	N0P 1Z0	
D	007820056			" "	" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007820056			" "	" "		" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007820057	[redacted]	[redacted]	LAST DITCH FARMS LIMITED	4939 BRADLEY LINE		PAIN COURT	ON	N0P 1Z0	PART LOT 6 CON 1 DOVER WEST, PARTS 14,15,16 24R10681 SUBJECT TO AN EASEMENT AS IN D1314 MUNICIPALITY CHATHAM-KENT	BRADLEY FARMS LIMITED	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007820057	" "	" "		" "		" "	" "	" "	" "	2812345 ONTARIO LIMITED	5272 PAIN COURT		PAIN COURT	ON	N0P 1Z0	
D	007820057	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007820057	" "	" "		" "		" "	" "	" "	" "	BRADLEY PRIVATE ROAD CORPORATION	R.R.#1		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	" "	" "		" "		" "	" "	" "	" "	[redacted]			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	" "	" "		" "		" "	" "	" "	" "				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	" "	" "		" "		" "	" "	" "	" "				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	" "	" "		" "		" "	" "	" "	" "				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	
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			" "	" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "	BRADLEY PRIVATE ROAD CORPORATION	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "	[redacted]			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	

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			" "	" "		" "	" "	" "	" "	[redacted]			PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820058			" "	" "		" "	" "	" "	" "				CHATHAM	ON	N7M 1G4	
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			" "	" "		" "	" "	" "	" "	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	[redacted]	[redacted]		[redacted]		BOWEN ISLAND,	BC	V0N 1G2	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	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R. #1		PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "	BRADLEY PRIVATE ROAD CORPORATION	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "	[redacted]			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	

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	" "	" "		" "		" "	" "	" "	" "	[redacted]			PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820148	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
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	" "	" "		" "		" "	" "	" "	" "	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	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 SV	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	[redacted]	[redacted]		[redacted]		BOWEN ISLAND	BC	V0N 1G2	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	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "	BRADLEY FARMS LIMITED	R.R. #1		PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "	BRADLEY PRIVATE ROAD CORPORATION	R.R.#1		PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "	[redacted]			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	

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	" "	" "		" "		" "	" "	" "	" "	[redacted]			PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				PAIN COURT	ON	N0P 1Z0	
D	007820149	" "	" "		" "		" "	" "	" "	" "				BOWEN ISLAND	BC	V0N 1G2	
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	" "	" "		" "		" "	" "	" "	" "	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	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	[redacted]	[redacted]		[redacted]		TILBURY	ON	N0P 2L0	S 1/2 LOTS 11 & 12 CON 3 EXCEPT 199727 ; S/T 121880,D1329,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	[redacted]	[redacted]		[redacted]		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 TOV	TORONTO	ON	M5G 2P5	
D	007880044	" "	" "		" "		" "	" "	" "	" "	[redacted]			TILBURY	ON	N0P 2L0	
D	007880044	" "	" "		" "		" "	" "	" "	" "	PUBLIC UTILITIES COMMISSION OF THE TOWN OF TILBURY	25 YOUNG STREET		TILBURY	ON	N0P 2L0	
D	007880044	" "	" "		" "		" "	" "	" "	" "	T.C ODETTE, JR., BARRISTER, ETC.,	29 QUEEN STREET NORTH		TILBURY	ON	N0P 2L0	
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	007880044	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	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 EAST						
D	007890063			MINISTRY OF NORTHERN DEVELOPMENT, MINES, NATURAL RESOURCES AND	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	[redacted]	[redacted]		[redacted]		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	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	007890074	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	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	007890076			PAUL DE ROSA FARMS INC.	4630 TECUMSEH LINE		TILBURY	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			" "	" "		" "	" "	" "	" "	[redacted]	[redacted]		ROSSEAU	ON	P0C 1J0	
D	007890076			" "	" "		" "	" "	" "	" "	[redacted]	[redacted]		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	
D	007890076			" "	" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007890078			MINISTRY OF NORTHERN DEVELOPMENT, MINES, NATURAL RESOURCES AND FORESTRY	ALYMER DISTRICT OFFICE, ATTN: MITCH WILSON	615 JOHN ST N	ALYMER	ON	N5H 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 EAST	PARAGON PETROLEUM CORPORATION	555 SOUTHDALE ROAD EAST		LONDON	ON	N6E 1A2	
D	007890079	[redacted]	[redacted]		[redacted]		TILBURY	ON	N0P 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	007890079	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007890093			SOIEX FARMS INC.	7372 GRAND RIVER LINE		CHATHAM	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	N0P 2L0	
D	007890093	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007890093	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	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 EAST							
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 EAST	E.P. ROWE OIL LIMITED	RR # 2		TILBURY	ON	N0P 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			" "	" "	" "	" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	007890109			" "	" "	" "	" "	" "	" "	" "	THE ROYAL BANK OF CANADA	85 QUEEN STREET NORTH		TILBURY	ON	N0P 2L0	
D	007890110	[redacted]	[redacted]		[redacted]		TILBURY	ON	N0P 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	N0P 2L0	
D	007890110	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007890110	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	

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D	007890146	[redacted]	[redacted]		[redacted]		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, 24R8416 AS IN 263816; SUBJECT TO A RIGHT OF WAY OVER PART OF THE ROAD ALLOWANCE BETWEEN CON. 1 & 2, TILBURY EAST, DESIGNATED AS PART 1, 24R8416 IN FAVOUR OF THE OWNER OF PART OF THE SOUTH PART OF LOT 9 CON. 1, TILBURY EAST AS IN 534867; SUBJECT TO A RIGHT OF WAY IN FAVOUR OF THE OWNER OF PART OF LOTS 7, 8 & 9 CON 1, TILBURY EAST DESIGNATED AS PART 128, 24R1903 & PART 1, 24R2348, ALSO IN FAVOUR OF THE OWNER OF PART OF LOTS 7, 8 & 9, CON 1, TILBURY EAST AS IN TE23054 EXCEPT 352658 OVER PART OF LOT 7 CON 2, TILBURY EAST DESIGNATED AS PARTS 10 TO 16 & PARTS 19, 20 & 21, 24R8416 AS IN 352659 ; CHATHAM-KENT	COCHIN PIPE LINES LTD.	1182 PLANK ROAD		SARNIA	ON	N7T 7H3	
D	007890146	" "	" "		" "		" "	" "	" "	" "	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	007890146	" "	" "		" "		" "	" "	" "	" "	JEANNETTE'S CREEK GUN CLUB	4753 TECUMSEH LINE		CHATHAM	ON	N0P 2L0	
D	007890146	" "	" "		" "		" "	" "	" "	" "	JEANNETTE'S CREEK GUN CLUB [redacted]	4753 TECUMSEH LINE,		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	007890146	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007890172	[redacted]	[redacted]		[redacted]		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 TOV	TORONTO	ON	M5G 2P5	
D	007890172	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007890172	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007890208	[redacted]	[redacted]	[redacted]	[redacted]		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	007890208	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007900071	[redacted]	[redacted]		[redacted]		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	[redacted]	[redacted]		COMBER	ON	N0P 1J0	
D	007900071	[redacted]	[redacted]		[redacted]		PEMBROKE	ON	K8A 8R3								
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 SV	CALGARY	AB	T2P 0A7	
D	007900071	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007900071	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007900072	[redacted]	[redacted]		[redacted]		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	[redacted]	[redacted]		[redacted]		PEMBROKE	ON	K8A 8R3								
D	007900072	" "	" "		" "		" "	" "	" "	" "	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	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	007900072	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	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 EAST						
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	480 BOULEVARD DE LA CITE		GATINEAU	QC	J8T 8R3	
D	008080075			" "	" "		" "	" "	" "	" "	[redacted]	[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 N0R 1A0, ATTN: ENGINEERING AND
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 COUN	GATINEAU	QC	J8T 8R3	
D	008080075			" "	" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080078	[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. 10014	MONCTON	NB	E1E 4E1	
D	008080078	" "	" "		" "		" "	" "	" "	" "	THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	HYDRO ONE NETWORKS INC - 483 BAY STREET	8TH FLOOR SOUTH TOV	TORONTO	ON	M5G 2P5	
D	008080078	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080078	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080080	[redacted]	[redacted]		[redacted]		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	008080080	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080082	[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 TILBURY	FAIRLADY ENERGY INC.	195 DUFFERIN AVENUE, SUITE 601		LONDON	ON	N6A 1K7	
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	[redacted]	[redacted]		[redacted]		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 STREE	MONTREL	QC	H3B 4S9	
D	008080083	" "	" "		" "		" "	" "	" "	" "	ROYAL BANK OF CANADA	ROYFARM MORTGAGE CENTRE	36 YORK MILLS ROAD,	TORONTO	ON	M2P 0A4	
D	008080083	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080083	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080084	[redacted]	[redacted]		[redacted]	[redacted]	TILBURY	ON	N0P 2L0	PT LT 26, SOUTH MIDDLE RD (TILBURY EAST) AS IN TE24776 S/T 216992 TILBURY	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080084	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080085	[redacted]	[redacted]		[redacted]		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	

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	008080085	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008080085	" "	" "		" "		" "	" "	" "	" "	UNION GAS LIMITED	50 KEIL DRIVE NORTH, P.O. BOX 2001		CHATHAM	ON	N7M 5M1	
D	008080085	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080086	[redacted]	[redacted]		[redacted]		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							
D	008080086	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
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 STREE	MONTREAL	QC	H3B 4S9	
D	008080088			" "	" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008080088			" "	" "		" "	" "	" "	" "	UNION GAS	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008080089	[redacted]	[redacted]		[redacted]		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							
D	008080089	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
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	[redacted]	[redacted]		[redacted]		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	[redacted]	[redacted]		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	008090027	" "	" "		" "		" "	" "	" "	" "	HYDRO ONE NETWORKS INC.	489 BAY STREET, 8TH FLOOR		TORONTO	ON	M5G 2P5	
D	008090030	[redacted]	[redacted]		[redacted]		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 TI24589, 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	008090030	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	N/A					50 KEIL DRIVE NORTH, CHATHAM, ONTARIO N7M 5M1
D	008090030	" "	" "		" "		" "	" "	" "	" "	HYDRO ONE NETWORKS INC.	489 BAY STREET, 8TH FLOOR		TORONTO	ON	M5G 2P5	
D	008090031	[redacted]	[redacted]		[redacted]		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	[redacted]	[redacted]		[redacted]		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	" "	" "		" "		" "	" "	" "	" "	T.C ODETTE, JR., BARRISTER, ETC.,	29 QUEEN STREET NORTH		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	008090032	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		CHATHAM	ON	N0P 2L0	
D	008090032	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008090032	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008090080	[redacted]	[redacted]		[redacted]		BELLE RIVER	ON	N0R 1A0	PT LT 14, CON 4 (TILBURY EAST), PT 21, 24R827 S/T 132143 TILBURY EAST	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008090080	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008090081			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT	315 KING ST W	CHATHAM	ON	N7M 5K8	RD ALLOWANCE BETWEEN CONS 4 & 5 AS CLOSED BY BYLAWS 519480 & 519482 TILBURY EAST							
D	008090104	[redacted]	[redacted]		[redacted]		BELLE RIVER	ON	N0R 1A0	PT LT 15, CON 5 (TILBURY EAST) AS IN 148801 TILBURY EAST							
D	008090104	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
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	[redacted]	[redacted]		[redacted]		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 TOW	TORONTO	ON	M5G 2P5	
D	008090106	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		MERLIN	ON	N0P 1W0	
D	008090106	" "	" "		" "		" "	" "	" "	" "	MINISTER OF HIGHWAYS FOR THE PROVINCE OF ONTARIO	335 SASKATOON STREET		LONDON	ON	N5W 4R3	
D	008090106	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008090136			MUNICIPALITY OF CHATHAM-KENT	ATTN: INFRASTRUCTURE AND ENGINEERING SERVICES DEPARTMENT	315 KING ST W	CHATHAM	ON	N7M 5K8	PT LT 14, CON 4 (TILBURY EAST) AS IN D596 & D675 (INDUSTRIAL PARK RD) 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	LONDON	ON	N6E 1L3	
D	008090139			CANADIAN PACIFIC RAILWAY COMPANY	ATTN: JACK CARELLO	1290 CENTRAL PARKWAY WEST, SUITE 800	MISSISSAUGA	ON	L5C 4R3	PT LT 13 & 14, CON 4 (TILBURY EAST) AS IN TE4389, TE4387, TE4392 & TE4388 (RAILROAD) TILBURY EAST							
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 EAST	[redacted]	UNAVAILABLE					
D	008090140			" "	" "	" "	" "	" "	" "	" "	[redacted]	UNAVAILABLE					
D	008090140			" "	" "	" "	" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON		50 KEIL DRIVE NORTH, CHATHAM, ON N7M 5M1
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 12 & 13, CON 5 (TILBURY EAST), PTS 1 & 13, 24R827 (KING"S HIGHWAY # 401) "DESCRIPTION IN 277692 MAY NOT BE ACCEPTABLE IN FUTURE" TILBURY EAST	[redacted]	[redacted]		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							

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	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	[redacted]	[redacted]		[redacted]		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	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008090166	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008090166	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008090166	" "	" "		" "		" "	" "	" "	" "	LAKE ST. CLAIR GASFIELDS LIMITED	25 KING ST W		TORONTO	ON	M5L 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	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008090166	" "	" "		" "		" "	" "	" "	" "	THE BELL TELEPHONE COMPANY OF CANADA	BELL CANADA LAW DEPARTMENT, 483 BAY ST.	BELL TRINITY SQUARE,	TORONTO	ON	M5G 2C9	
D	008090166	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008090166	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	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	[redacted]	[redacted]		[redacted]		TILBURY	ON	N0P 2L0	N 1/2 LT 24, NORTH MIDDLE ROAD EXCEPT TE21216 & RAILWAY & TE11739 ; TILBURY EAST							
D	008120001	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	008120002	[redacted]	[redacted]		[redacted]		TILBURY	ON	N0P 2L0	S 1/2 LT 24, NORTH MIDDLE ROAD EXCEPT D1302 ; TILBURY EAST	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008120002	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008120002	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008120043	[redacted]	[redacted]		[redacted]		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 EAST	FARM CREDIT CORPORATION	102-309 LEGGET DR		KANATA	ON	N0P 2L0	
D	008120043	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008120043	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008120043	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008120043	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008120044	[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 EAST	FARM CREDIT CORPORATION	102-309 LEGGET DR		KANATA	ON	K2K 3A3	
D	008120044	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008120044	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008120044	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008120044	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		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	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 LTS 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, S	TORONTO	ON	M5R 3C4	
D	008120046			" "	" "	" "	" "	" "	" "	" "	SOUTH KENT WIND GP INC.	C/O SAMSUNG RENEWABLE ENERGY INC.	119 SPADINA AVE, SUI	TORONTO	ON	M5V 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 LTS 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, S	TORONTO	ON	M5R 3C4	
D	008120047			" "	" "	" "	" "	" "	" "	" "	SOUTH KENT WIND GP INC.	C/O SAMSUNG RENEWABLE ENERGY INC.	119 SPADINA AVE, SUI	TORONTO	ON	M5V 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, S	TORONTO	ON	M5R 3C4	
D	008120048			" "	" "	" "	" "	" "	" "	" "	SOUTH KENT WIND GP INC.	C/O SAMSUNG RENEWABLE ENERGY INC.	119 SPADINA AVE, SUI	TORONTO	ON	M5V 2L1	
D	008120050			HYDRO ONE NETWORKS INC.	ATTN: MEGHAN DI COSIMO	185 CLEGG ROAD	MARKHAM	ON	L6G 1B7	PT LTS 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 EAST	[redacted]	UNAVAILABLE					
D	008120050			" "	" "	" "	" "	" "	" "	" "	[redacted]	UNAVAILABLE					
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	KENT CENTRE WIND FARM INC.	PIER 1, BAY 3		SAN FRANCISCO	CA	94111	119 SPADINA AVE, SUITE 502, TORONTO, ON M5V 2L1, CANADA
D	008120052			" "	" "		" "	" "	" "	" "	NATIONAL BANK OF CANADA	LOAN STRUCTURING & SYNDICATION-CREDIT CAPITAL MARKET	1155 METCALFE STREE	MONTREAL	QC	H3B 4S9	
D	008120052			" "	" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	008120052			" "	" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
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, TOWNLINE 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 ROAD COMPLEX, 659 EXETER ROAD	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	750780050			COUREY CORPORATION	19325 COUNTY RD 46, LAKESHORE, 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 A	BELLE RIVER	ON	N0R 1A0	
D	750780050			" "	" "		" "	" "	" "	" "	THE MANUFACTURERS LIFE INSURANCE COMPANY	200 BLOOR STREET EAST\	NORTH TOWER, 4TH FL	TORONTO	ON	M4W 1E5	
D	750780053	[redacted]	[redacted]		[redacted]		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	
D	750780053	" "	" "		" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA, LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	750780053	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	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	750780054	[redacted]	[redacted]		[redacted]	[redacted]	COMBER,	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	480, BOULEVARD DE LA CITE		GATINEAU	QC	J8T 8R3	
D	750780054	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	750780061	[redacted]	[redacted]		[redacted]	[redacted]	TORONTO	ON	M4G 1X7	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	[redacted]	[redacted]			[redacted]	TORONTO	ON	M4G 1X7								
D	750780061	[redacted]	[redacted]		[redacted]	[redacted]	COMBER	ON	N0P 1J0								
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	480, BOULEVARD DE LA CITE		GATINEAU	QC	J8T 8R3	
D	750780061	" "	" "		" "		" "	" "	" "	" "	GENESIS SOLAR ENERGY INC.	1200 - 8 KING STREET EAST		TORONTO	ON	M5C 1B5	

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	750780061	" "	" "		" "		" "	" "	" "	" "	NATIONAL BANK OF CANADA	500 PLACE D'ARMES	TRANSIT 5495-1	MONTREAL	QC	H2Y 2W3	
D	750780061	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TILBURY	ON	N0P 2L0	
D	750780061	" "	" "		" "		" "	" "	" "	" "	[redacted]	[redacted]		TORONTO	ON	M4G 1X7	
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, LAKESHORE, 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 A	BELLE RIVER	ON	N0R 1A0	
D	750780071			" "	" "		" "	" "	" "	" "	THE MANUFACTURERS LIFE INSURANCE COMPANY	200 BLOOR STREET EAST	NORTH TOWER, 4TH FL	TORONTO	ON	M4W 1E5	
D	750780071			" "	" "		" "	" "	" "	" "	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	750780073	[redacted]	[redacted]		[redacted]		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 STRE	BELLE RIVER	ON	N0R 1A0	
D	750780073	" "	" "		" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	750780075	[redacted]	[redacted]			[redacted]	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	
D	750780078			PAUL DE ROSA FARMS INC.	4630 TECUMSEH LINE		TILBURY	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 STRE	BELLE RIVER	ON	N0R 1A0	
D	750780078			" "	" "		" "	" "	" "	" "	ENBRIDGE GAS INC.	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	007930064			LALLY SALES & SERVICE LTD.	78 MILL STREET WEST		TILBURY	ON	N0P 2L0	PART OF LOT 21, PLAN 792, DESIGNATED AS PART 2, 24R4321 EXCEPT PART 1, 24R5137 AND EXCEPT PART 4, 24R7943 ; CHATHAM-KENT	BANK OF MONTREAL	5750 EXPLORER DRIVE, 3RD FLOOR		MISSISSAUGA	ON	L4W 0B1	
D	007930064			" "	" "		" "	" "	" "	" "	BANK OF MONTREAL	290 QUEENSTON ROAD		HAMILTON	ON	L8K 1H1	
D	750770100			COUREY CORPORATION	19325 COUNTY RD 46, LAKESHORE, PO BOX 178		TILBURY	ON	N0P 2L0	PT LT 18 CON SMR TILBURY PTS 1 TO 3, 12R14064; S/T R476322; LAKESHORE	UNION GAS COMPANY OF CANADA LIMITED	50 KEIL DRIVE NORTH		CHATHAM	ON	N7M 5M1	
D	750770100			" "	" "		" "	" "	" "	" "	EDF EN CANADA DEVELOPMENT INC.	53 JARVIS STREET, SUITE 300		TORONTO	ON	M5C 2H2	
D	750770100			" "	" "		" "	" "	" "	" "	ROMNEY ENERGY CENTRE GP INC. ROMNEY ENERGY CENTRE LIMITED PARTNERSHIP	53 JARVIS STREET, SUITE 300		TORONTO	ON	M5C 2H2	

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)	**Signature (Transferor)**
Print Name(s) (and position held if applicable)	**Print Name(s) (and position held if applicable)**
Address (Transferor)	**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)	**Signature (Owner)**
Print Name(s) (and position held if applicable) Choose an item	**Print Name(s) (and position held if applicable)** Choose an item.
Address (Owner)	**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[1] 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

[1] 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. On June 6, 2023, Enbridge Gas provided an updated description of the Project to the MOE reflecting changes made to the Project scope. This updated Project Description is provided at Attachment 8 to this Exhibit. /U

7. The Indigenous Consultation Report ("ICR") was provided to the MOE on June 10, 2022. An updated ICR was provided to the MOE on the date of this filing. /U 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

8. 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.

9. 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.

10. 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

11. 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.

12. In addition, Enbridge Gas has responded to written and oral questioning from certain Indigenous groups during the course of the OEB proceeding. /U

D. Ongoing Indigenous Engagement Activities

13. 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.

14. 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.

15. 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 4, 2023 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. /U

ENBRIDGE

Adam Stiers
Manager Regulatory Applications
Leave to Construct
Regulatory Affairs

Tel: (519) 436-4558
Email: 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.
6th 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, 7th 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
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Leave to Construct
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Tel: (519) 436-4558
Email: 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

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,[1] 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:[2]

(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[3] 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, 7th Edition 2016* (the "Guidelines"), with support provided by consultant archaeologists, cultural heritage specialists, and environmental professionals.[4] The ER will

[1] The Panhandle Transmission System serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County, and Chatham-Kent.
[2] Enbridge Gas is continuing to evaluate alternatives to the proposed facilities.
[3] Located on Townline Road in Chatham-Kent: Approximate Latitude = 42.370684; Approximate Longitude = -82.388498.
[4] 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

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.

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

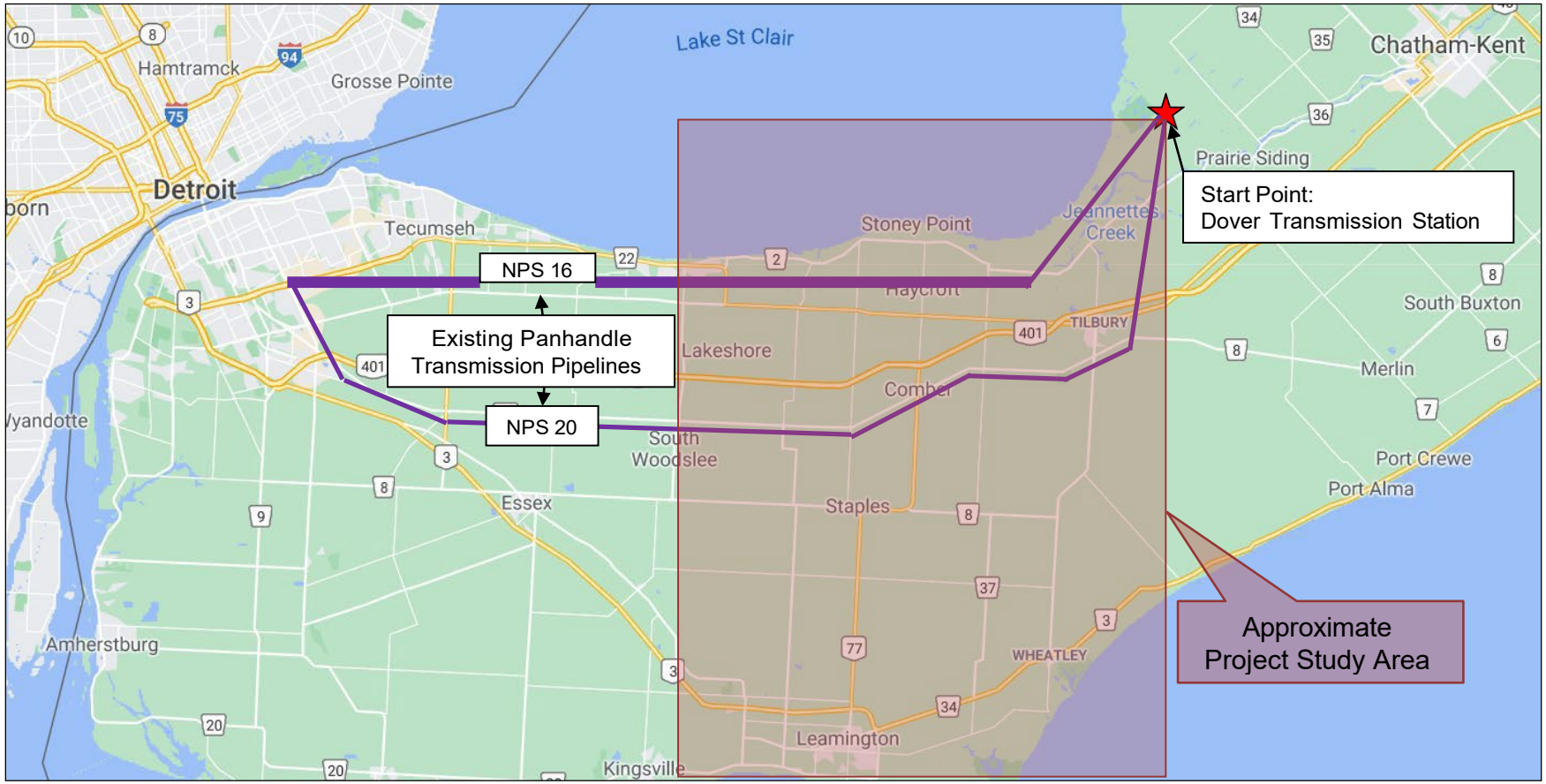
The Project will serve growing demand by increasing the capacity of Enbridge Gas's Panhandle Transmission System, which serves residential, commercial, industrial, greenhouse and power generation customers in Windsor, Essex County and Chatham-Kent, providing access to safe, reliable and affordable natural gas.

6.0 Contact Information

Regulatory Applications:
Adam Stiers
AStiers@enbridge.com
Office: (519) 436-4558
Cell: (519) 350-5196

Community & Indigenous Engagement:
Lauren Whitwham
lauren.whitwham@enbridge.com
Office: (519) 667-4100 ext. 5153545
Cell: (519) 852-3474

Figure 1: Project Study Area



Ministry of Energy

Energy Networks & Indigenous Policy Branch

Indigenous Energy Policy

77 Grenville Street, 6th Floor
Toronto, ON M7A 2C1
Tel: 416-325-6810

Ministère de l'Énergie

Direction Générale des Réseaux Énergétiques et des Politiques Autochthones

Politique Énergétique Autochtone

77, rue Grenville, 6e étage
Toronto, ON M7A 2C1
Tél. 416-325-6810

Ontario

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.

Community	Mailing Address
Aamjiwnaang First Nation	978 Tashmoo Avenue Sarnia, ON N7T 7H5 T: (519) 336-8410 F: (519) 336-0382 Web: Aamjiwnaang First Nation
Bkejwanong (Walpole Island) First Nation)	RR 3, Wallaceburg, ON N8A 4K9 T: (519) 627-1481 F: (519) 627-0440 Web: Walpole Island First Nation
Caldwell First Nation	14 Orange Street Leamington, ON N8H 1P5 1-800-206-7522 T: 519-322-1766 F: 519-322-1533 Web: Caldwell First Nation
Chippewas of the Thames First Nation	RR 1, Muncey, ON N0L 1Y0 T: (519) 289-5555 F: (519) 289-2230 Web: Chippewas of the Thames First Nation
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: Chippewas of Kettle and Stony Point First Nation
Oneida Nation of the Thames	RR 2, Southwold, ON N0L 2G0 T: (519) 652-3244 F: (519) 652-9287 Web: Oneida Nation of the Thames

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).

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,



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.
6th 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[1]: 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[2]: Approximately 12 km of new pipeline, 16 inches in diameter, adjacent to or within an existing road allowance on public or private property to

[1] The Panhandle Loop:

Proposed Locations	Approximate Latitude	Approximate Longitude
Start Point	42.370436	-82.388433
End Point	42.232933	-82.463628

[2] The Leamington Interconnect:

Proposed Locations	Approximate Latitude	Approximate Longitude
Start Point	42.174247	-82.713028
End Point	43.146878	-82.601000

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

ENBRIDGE®
Life Takes Energy®

August 2022

Enbridge Indigenous Peoples Policy

Purpose: Enbridge recognizes the diversity of Indigenous peoples[1] who live where we work and operate. We understand that certain laws and policies—in both Canada and the United States—have had destructive impacts on Indigenous cultures, languages, and the social and economic well-being of Indigenous peoples. Enbridge recognizes the importance of reconciliation between Indigenous peoples and broader society. We are committed to building positive and sustainable relationships with Indigenous peoples, based on trust and respect, and focused on finding common goals through open dialogue.

Enbridge believes: Companies can play a role in advancing reconciliation through meaningful engagement with and inclusion of Indigenous peoples and perspectives in their business activities.

Policy: As an energy infrastructure company whose operations span Treaty and Tribal lands, the National Métis Homeland, unceded lands and the traditional territories of Indigenous groups[2] across North America, Enbridge is deeply committed to advancing reconciliation with Indigenous peoples. Our mutual success depends on the ability to build long-term, respectful and constructive relationships with Indigenous groups near Enbridge's projects and operations throughout the lifecycle of our activities. To achieve this, Enbridge will govern itself by the following principles:

Respect for Indigenous rights and knowledge

- We recognize the importance of the United Nations Declaration on the Rights of Indigenous Peoples (UNDRIP) in the context of existing Canadian law, and the legal and constitutional obligations that governments in both Canada and the United States have to protect those rights.
- We recognize the legal and constitutional rights possessed by Indigenous peoples in Canada and in the Unites States, 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.
- Consistent with Enbridge's respect for the rights of Indigenous peoples, we engage early and sincerely through processes that aim to achieve the support and agreement of Indigenous nations and governments for our projects and operations that may occur on their traditional lands.
- We seek the input and knowledge of Indigenous groups to identify and develop appropriate measures to avoid and/or mitigate the impacts of our projects and operations that may occur on their traditional lands.

[1] In Canada, Indigenous peoples has the meaning assigned by the definition *aboriginal peoples of Canada* in subsection 35(2) of the *Constitution Act*, 1982, which includes First Nations, Métis and Inuit Peoples. In the United States, Enbridge refers to Indigenous peoples as all descendants of people inhabiting land within the current exterior boundaries of the United States prior to the continent being inhabited by European settlers, including all U.S. federally recognized tribes.

[2] The collective term "Indigenous groups" is used in this Policy when referring to Enbridge's engagement with Indigenous nations, governments or groups in Canada, and/or Native American Tribes and Tribal associations in the United States about Enbridge's projects and operations. Enbridge has the utmost respect for the unique rights and individual names of Indigenous groups across North America. This collective term is used solely for the purpose of readability of the policy.

ENBRIDGE®
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Promoting equity and inclusion

- Recognizing the need to eliminate the significant socioeconomic barriers that continue to prevent Indigenous peoples from fully participating in the North American economy, Enbridge works with Indigenous peoples to ensure they have opportunities to be included in socioeconomic benefits resulting from our projects and operations. These may include partnerships and opportunities in training and education, employment, procurement, equity participation, business development and community development.
- We are committed to increasing Indigenous representation in Enbridge's workforce and supplier community.

Fostering awareness through education

- We are building—and will continue to ensure—a foundational understanding of the rights, history and cultures of Indigenous peoples through Indigenous awareness training for all Enbridge employees, with the aim of advancing reconciliation with Indigenous peoples

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, and report its Indigenous reconciliation efforts—including engagement and inclusion outcomes—through its annual Sustainability Report.

This Policy 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. We will work with our contractors, joint venture partners and others to support consistency with this policy. Enbridge commits to periodically reviewing this policy to ensure it remains relevant and meets changing expectations.

INDIGENOUS CONSULTATION REPORT: SUMMARY TABLE

As of June 4, 2023

Aamjiwnaang First Nation (AFN)		
Was project information provided to the community?	☒ Yes ☐ No	Enbridge Gas has provided AFN with the following information: • 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; • Maps of the Project location and any other affected area(s) • Slides for the two Virtual Open Houses • Description and map advising of a change in scope of the Project. • Environmental Report, providing information about the potential effects of the Project on the Environment. • Generic Sediment Control Plans • Natural Heritage Background Review and Field Investigations Technical Memorandum • Description and map advising of a change in scope of the Project and information on the Project being in abeyance with the OEB. 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. Capacity funding has been offered to support activities such as timely technical reviews of documents and participation in field work associated with the proposed Project, and to engage in meaningful consultation.

Was the community responsive/did you have direct contact with the community?	☒ Yes ☐ No	Enbridge Gas and an AFN representative have exchanged emails regarding the Project. Enbridge Gas and AFN representatives have met on multiple occasions to further discuss the Project.
Did the community members or representatives have any questions or concerns?	☒ Yes ☐ No	Enbridge Gas received comments from AFN regarding the Environmental Report. AFN's comments addressed matters such as cumulative effects, environmental monitoring and contingency plans, and mitigation measures. Enbridge Gas provided responses back for AFN's review and met on October 31, 2022 to discuss to those responses. These comments and Enbridge Gas' responses can be found in Exhibit H, Tab 1, Schedule 1, Attachment 7, line-item attachment 1.26.
Does the community have any outstanding concerns?	☐ Yes ☒ No	To date, AFN has not identified any outstanding concerns related to the Project. Enbridge Gas will continue to engage with the community in relation to the Project.
Caldwell First Nation (CFN)		
Was project information provided to the community?	☒ Yes ☐ No	Enbridge Gas has provided CFN with the following information: • 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; • Maps of the Project location and any other affected area(s) • Slides for the two Virtual Open Houses • Description and map advising of a change in scope of the Project. • Environmental Report, providing information about the potential effects of the Project on the Environment.

		• Description and map advising of a change in scope of the Project and information on the Project being in abeyance with the OEB. 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. Capacity funding has been offered to support activities such as timely technical reviews of documents and participation in field work associated with the proposed Project, and to engage in meaningful consultation.
Was the community responsive/did you have direct contact with the community?	☒ Yes ☐ No	Enbridge Gas and CFN representatives have exchanged multiple emails about the Project. The parties are attempting to schedule a meeting to further discuss the Project and next steps.
Did the community members or representatives have any questions or concerns?	☒ Yes ☐ No	CFN representatives requested information regarding the Enbridge Gas contractor, the timing of the Environmental Report and the stage one archaeology work. The Enbridge Gas representative provided the requested information regarding timing of these reports and the Enbridge Gas contractor. CFN has expressed the need to have a community meeting to discuss the Project and Enbridge Gas agreed to participate in the meeting. CFN, as a member of Three Fires Group, was an intervenor in the original filing of this Project and had many questions to which Enbridge Gas responded on the proceeding record.
Does the community have any outstanding concerns?	☐ Yes ☒ No	To date, CFN has identified the need to have a community meeting to discuss the Project. Enbridge Gas will work to orgainze this meeting for the summer of 2023. Enbridge Gas will continue to engage with the community in relation to the Project.
Chippewas of Kettle and Stony Point First Nation (“CKSPFN”)		

Was project information provided to the community?	☒ Yes ☐ No	Enbridge Gas has provided CKSPFN with the following information: • 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; • Maps of the Project location and any other affected area(s) • Slides for the two Virtual Open Houses • Description and map advising of a change in scope of the Project. • Environmental Report, providing information about the potential effects of the Project on the Environment. • Generic Sediment Control Plans • Natural Heritage Background Review and Field Investigations Technical Memorandum • Description and map advising of a change in scope of the Project and information on the Project being in abeyance with the OEB. 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. Capacity funding has been offered to support activities such as timely technical reviews of documents and participation in field work associated with the proposed Projects, and to engage in meaningful consultation.
Was the community responsive/did you have direct contact with the community?	☒ Yes ☐ No	Enbridge Gas and CKSPFN representatives have exchanged emails and had a telephone call regarding the Project. In addition, meetings were held on multiple occassions during which the Project was discussed.
Did the community members or representatives have any questions or concerns?	☒ Yes ☐ No	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 received comments from CKSPFN regarding the Environmental Report. CKSPFN's comments addressed matters such as fugitive emissions, cumulative effects and mitigation measures. Enbridge Gas provided responses back

		for CKSPFN's review. These comments and Enbridge Gas' responses can be found in Exhibit H, Tab 1, Schedule 1, Attachment 7, line-item attachment 3.42. CKSPFN, as a member of Three Fires Group, was an intervenor in the original filing of this Project and had many questions to which Enbridge Gas responded on the proceeding record.
Does the community have any outstanding concerns?	☐ Yes ☒ No	To date, CKSPFN has not identified any outstanding concerns regarding the Project. Enbridge Gas will continue to engage with the community in relation to the Project.
Chippewas of the Thames First Nation ("COTTFN")		
Was project information provided to the community?	☒ Yes ☐ No	Enbridge Gas has provided COTTFN with the following information: • 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; • Maps of the Project location and any other affected area(s) • Slides for the two Virtual Open Houses • Description and map advising of a change in scope of the Project. • Environmental Report, providing information about the potential effects of the Project on the Environment. • Description and map advising of a change in scope of the Project and information on the Project being in abeyance with the OEB. 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. Capacity funding has been offered to support activities such as timely technical reviews of documents and participation in field work associated with the proposed Projects, and to engage in meaningful consultation.
Was the community	☒ Yes	

responsive/did you have direct contact with the community?	☐ No	Enbridge Gas and COTTFN representatives exchanged emails regarding the Project and met on January 24, 2022 and April 21, 2022 to further discuss the Project. A meeting was held on November 16, 2022 to provide information to the Community.
Did the community members or representatives have any questions or concerns?	☒ Yes ☐ No	COTTFN representatives requested additional maps and information regarding capacity funding. Enbridge Gas received comments from COTTFN regarding the Environmental Report. COTTFN's comments addressed matters such as fugitive emissions and climate change, water crossing methods and mitigation measures. Enbridge Gas provided responses back for COTTFN's review. These comments and Enbridge Gas' responses can be found in Exhibit H, Tab 1, Schedule 1, Attachment 7, line-item attachment 4.29.
Does the community have any outstanding concerns?	☐ Yes ☒ No	To date, COTTFN has not identified any outstanding concerns regarding the Project. Enbridge Gas will continue to engage with the community in relation to the Project.
Oneida Nation of the Thames ("Oneida Nation")		
Was project information provided to the community?	☒ Yes ☐ No	Enbridge Gas has provided Oneida Nation with the following information: • 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; • Maps of the Project location and any other affected area(s) • Slides for the two Virtual Open Houses • Description and map advising of a change in scope of the Project. • Environmental Report, providing information about the potential effects of the Project on the Environment. • Description and map advising of a change in scope of the Project and information on the Project being in abeyance with the OEB.

		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. Capacity funding has been offered to support activities such as timely technical reviews of documents and participation in field work associated with the proposed Projects, and to engage in meaningful consultation.
Was the community responsive/did you have direct contact with the community?	☒ Yes ☐ No	Enbridge Gas and Oneida Nation representatives have exchanged emails regarding the Project and met on multiple occassions to discuss the Project.
Did the community members or representatives have any questions or concerns?	☐ Yes ☒ No	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.
Does the community have any outstanding concerns?	☐ Yes ☒ No	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.
Walpole Island First Nation ("WIFN")		
Was project information provided to the community?	☒ Yes ☐ No	Enbridge Gas has provided WIFN with the following information: • 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; • Maps of the Project location and any other affected area(s) • Slides for the two Virtual Open Houses • Description and map advising of a change in scope of the Project.

		• Environmental Report, providing information about the potential effects of the Project on the Environment. • Generic Sediment Control Plans • Natural Heritage Background Review and Field Investigations Technical Memorandum • Description and map advising of a change in scope of the Project and information on the Project being in abeyance with the OEB. 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. 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.
Was the community responsive/did you have direct contact with the community?	☒ Yes ☐ No	Enbridge Gas and WIFN representatives have exchanged emails regarding the Project and met on multiple occassions to discuss the Project.
Did the community members or representatives have any questions or concerns?	☒ Yes ☐ No	Enbridge Gas received comments from WIFN regarding the Environmental Report. WIFN's comments addressed matters such as cumulative effects, aquatic ecology impacts and mitigation measures. Enbridge Gas provided responses back for WIFN's review. These comments and Enbridge Gas' responses can be found in Exhibit H, Tab 1, Schedule 1, Attachment 7, line-item attachment 6.22.
Does the community have any outstanding concerns?	☐ Yes ☒ No	To date, WIFN has not identified any outstanding concerns related to the Project. Enbridge Gas will continue to engage with the community.

Eelūnaapèewii Lahkèewiit (“Delaware Nation”)		
Was project information provided to the community?	☒ Yes ☐ No	Enbridge Gas has provided Delaware Nation with the following information: • 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; • Maps of the Project location and any other affected area(s) • Slides for the two Virtual Open Houses • Description and map advising of a change in scope of the Project. • Environmental Report, providing information about the potential effects of the Project on the Environment. 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. Capacity funding has been offered to support activities such as timely technical reviews of documents and participation in field work associated with the proposed Projects, and to engage in meaningful consultation.
Was the community responsive/did you have direct contact with the community?	☒ Yes ☐ No	Enbridge Gas and Delaware Nation had a telephone conversation about the Project. The Delaware Nation representative advised they would provide the information to Chief and Council and if there were further questions, they would reach out.
Did the community members or representatives have any	☐ Yes ☒ No	To date, Delaware Nation has not raised any questions or concerns regarding the Project.

questions or concerns?		
Does the community have any outstanding concerns?	☐ Yes ☒ No	To date, Delaware Nation has not identified any outstanding concerns related to the Project. Enbridge Gas will continue to engage with the community.

Enbridge Gas Inc. Indigenous Consultation Log

Log updated as of June 4, 2023

Aamjiwnaang First Nation (AFN)					
Line Item	**Date**	**Method**	**Summary of Enbridge Gas Inc. ("Enbridge Gas") Engagement Activity**	**Summary of Community's Engagement Activity**	**Issues or Concerns raised and how addressed by Enbridge Gas including any substantive Attachments**
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.		Please see line-item 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.		Please see line-item 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.		Please see line-item attachment 1.3
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		Please see line-item attachment 1.4

			would provide them with a copy of the presentation and indicated capacity funding was available for participation in the Project.		
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 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.		Please see line-item attachment 1.7
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.		Please see line-item attachment 1.8
1.9	April 11, 2022	Email		An AFN representative emailed the Enbridge Gas representative to request clarification	

				regarding components omitted from the Project.	
1.10	April 11, 2022	Email	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.		
1.11	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.		Please see line-item attachment 1.11
1.12	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.		
1.13	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.	
1.14	May 11, 2022	Email	An Enbridge Gas representative emailed the AFN representative to provide the link to the environmental report, and		

			offered capacity funding for AFN's review of the report.		
1.15	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.	
1.16	May 12, 2022	Email	An Enbridge Gas representative emailed the AFN representative and the parties agreed to a June 7 presentation date.		
1.17	May 24	Email		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.	
1.18	May 24	Email	An Enbridge Gas representative emailed the AFN representative and agreed to the proposed quote and advised they would work with the AFN representative to reschedule the meeting date. The meeting/presentation was rescheduled to June 28, 2022.		
1.19	May 27, 2022	Email	An Enbridge Gas representative emailed the AFN representative to provide a reminder about		Please see line-item attachment 1.19

			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.		
1.20	June 9, 2022	Email	The Enbridge Gas representative sent an email to the AFN representative to provide a monthly update of Enbridge Gas's proposed projects. The update provided information regarding the Project status, Outstanding Engagement Request and proposed OEB Project Application filing date. The Enbridge Gas representative advised that capacity funding was available to support engagement on Enbridge Gas projects.		
1.21	June 13, 2022	Email		The AFN representative emailed the Enbridge Gas representative inquiring about the due date for feedback on the Environmental Report.	
1.22	June 13, 2022	Email	The Enbridge Gas representative emailed the AFN representative to advise the Project application had been submitted to the OEB on June 10, 2022 but noted they could update the OEB and MOE on any additional comments received. The Enbridge Gas representative advised they could discuss AFN's comments during their June 28, 2022 meeting with the environmental committee.		
1.23	June 27, 2022	Email		The AFN representative emailed their comments on the environmental report to the Enbridge Gas representative.	AFN comments addressed matters such as regarding cumulative effects, environmental monitoring and contingency plans, and mitigation measures

				Capacity funding was provided to AFN and accepted on May 16, 2022.	Please see line-item attachment 1.23
1.24	June 28, 2022	Virtual Meeting	Enbridge Gas and the AFN environmental committee met to discuss Enbridge Gas projects. Enbridge Gas reviewed the scope, route and species at risk for the Project. An Enbridge Gas representative advised that field surveys were being completed and Indigenous monitors representing AFN would be attending.		An AFN representative asked who was monitoring and who received the results of the fieldwork. The Enbridge Gas representative responded that Tri-Tribal Monitoring service has been in the field on behalf of AFN for the Project and that the results of the findings would be included in the Stage 2 report, which would be forwarded to AFN upon completion. An AFN representative provided an update to the Environmental committee members that the Project environmental report underwent a technical review by Vertex, a third party environment firm representing AFN, and their comments were sent to Enbridge Gas on June 27. She advised the committee that Enbridge Gas would respond to the comments.
1.25	August 12, 2022	Email	The Enbridge Gas representative sent an email to the AFN representative to provide a monthly update of Enbridge Gas's proposed projects. The update provided information regarding the Project status, Outstanding Engagement Request and proposed OEB Project Application filing date. The Enbridge Gas representative advised that capacity funding was available to support engagement on Enbridge Gas projects.		
1.26	September 8, 2022	Email	The Enbridge Gas representative emailed the AFN representative the responses to their comments on the environmental report. The		Please see line-item attachment 1.26

			Enbridge Gas representative provided a copy of the Natural Heritage Background Review and Field Investigations Technical Memorandum provided by the environmental consultant as well as the generic sediment control plans for Dam & Pump, HDD, and Temporary Vehicle Crossings. The Enbridge Gas representative requested a meeting with AFN following their review of the comments.		
1.27	October 18, 2022	Virtual Meeting	Enbridge Gas had a meeting with AFN environment committee regarding the Panhandle Project. The meeting was requested by the AFN environment committee to discuss the Generic Sediment Control plans that were provided as part of the Panhandle Environmental Report. Topics of discussion included the control panels, dam and pump process, water crossings, trees and shrubs, integrity of the pipe in the water crossings, the role of the old pipeline, and safety issues. The Enbridge Gas representatives provided a history of the Generic Sediment Control and details on dam and pump and temporary road crossings.		The AFN representative inquired how many water crossings were in the Project and whether trees and shrubs used in the restoration were native species. The Enbridge Gas representative advised there were 42 water crossings and reaffirmed that replacing trees and shrubs were native and specific to the area. The Enbridge Gas representative advised they would send a list of the water crossings to the AFN representative following the meeting and invited the AFN to visit a site where a water course crossing is being undertaken. The Enbridge Gas representative advised that the local conservation authority guides the plants chosen for restoration based on what is native to the area and that they also monitors the plants for growth. The AFN representative inquired about safety measures and the integrity of the pipe in water crossings when HDD is not used. The Enbridge representative advised that for water crossings, pipelines are laid up to 2 meters under the

					riverbed, and are surveyed, and inspected to ensure integrity. The AFN representative inquired if the proposed pipeline was to replace the existing Panhandle pipeline. The Enbridge representative advised that both the original Panhandle line and the proposed line would be used to transport natural gas. The AFN representative inquired if other Indigenous communities and landowners were engaged on the Project. The Enbridge Gas representative advised that both Indigenous communities and landowners were actively engaged. The AFN representative inquired if the existing line would be exposed during construction and if construction vibrations would cause safety risks. The Enbridge Gas representative advised that the existing line would be exposed only where the new line would be tied in, and a team of engineers monitors the safety and integrity of the lines
1.28	October 27, 2022	Email	An Enbridge Gas representative emailed the AFN representative to provide a copy of the watercourse crossings for the Project as committed in the meeting on October 18, 2022.		
1.29	October 31, 2022	In-person meeting	Enbridge Gas representatives met with AFN Environmental Coordinator, Lands Department and Vertex to review Enbridge Gas' responses to AFN comments on the Environmental Report. The parties discussed the need for early		An AFN representative expressed interest in all species and advised that AFN has species of interest to them. An AFN representative suggested that for example, if AFN advise that a species is important, they would like Enbridge Gas to include it in its study, even if it is not a

			engagement on Projects to ensure that comments and concerns are able to be addressed in the environmental report. Generic Sediment Control Plans were shared and reviewed with the group.		species at risk. The AFN representative noted that in general, snakes are very important to AFN as they are the closest to medicines. The AFN representative expressed interested in working with Enbridge Gas for seed collection studies and noted that it would like to see Enbridge Gas utilize the AFN greenhouse for seed and tree purchases.
1.30	January 30, 2023	Email	An Enbridge Gas representative emailed the AFN representative to advise that the Project had been put on hold as Enbridge Gas continues to review potential material increases to components of the estimated Project cost, through a competitive procurement process. The email advised that Enbridge Gas will continue to advance the Project and anticipated resuming the regulatory process in 2023.		Please see line-item attachment 1.30
1.31	March 21, 2023	In person meeting	An Enbridge Gas presented to the AFN Environment Committee on current and proposed Enbridge Gas projects. The Enbridge Gas representative advised the committee that the Project was still in abeyance and that there would likely be a filing in the summer.		An AFN representative asked why the Project was put into abeyance and the Enbridge Gas representative explained that due to potential increases to the estimated Project costs, Enbridge Gas was re-assessing many of the components to ensure the most updated information was provided to the OEB. The Enbridge Gas representative explained that Enbridge Gas still planned on continuing with the Project and the environmental review in the Project would not be changing.
1.32	May 8, 2023	Email	An Enbridge Gas representative emailed the AFN representative providing a letter and maps detailing a change in scope for the Project. The email advised that Enbridge Gas		Please see line-item attachment 1.32

			intends to re-file the application for the Project in Q3 of 2023.		
Caldwell First Nation (CFN)					
Line Item	**Date**	**Method**	**Summary of Enbridge Gas Inc. ("Enbridge Gas") Engagement Activity**	**Summary of Community's Engagement Activity**	**Issues or Concerns raised and how addressed by Enbridge Gas including any substantive Attachments**
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 representative requested information regarding the new CFN consultation process.		Please see line-item attachment 2.1
2.2	August 11, 2021	Email		A CFN representative emailed the Enbridge Gas representative and directed them to the CFN online portal "Consult with Caldwell". The CFN representative also included the consultation protocol in the email.	
2.3	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.		Please see line-item attachment 2.3

2.4	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.		Please see line-item attachment 2.4
2.5	January 28, 2022	Phone		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.	
2.6	January 28, 2022	Email	An 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.		
2.7	February 3, 2022	Email		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.	
2.8	February 3, 2022	Email	An Enbridge Gas representative emailed the CFN representative to advise 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.		
2.9	February 3, 2022	Email		The CFN representative emailed the	

				Enbridge Gas representative to advise they would participate in the virtual open house and requested a copy of the presentation.	
2.10	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.		Please see line-item attachment 2.10
2.11	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 meeting and a Project information package including previous correspondence between Enbridge Gas and CFN related to the Project.	Please see line-item attachment 2.11
2.12	March 11, 2022	Email	An Enbridge Gas representative emailed the CFN representative to acknowledge the request for a meeting and inquired as to which Enbridge Gas representatives CFN wanted to attend the initial meeting.		
2.13	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.	
2.14	March 16, 2022	Email	The Enbridge Gas representative emailed the CFN representative to provide their availability and noted they were interested in learning about the CFN portal and consultation protocol.		
2.15	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.		
2.16	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.		
2.17	April 11, 2022	Email	An Enbridge Gas representative emailed the CFN representatives providing a letter and maps detailing a change in scope		Please see line-item attachment 2.17

			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.		
2.18	April 20, 2022	Email	An Enbridge Gas representative emailed the CFN representatives to provide timelines for the Project including environmental report release and filing with the OEB. The Enbridge Gas representative indicated 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.		Please see line-item attachment 2.18
2.19	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.		Please see line-item attachment 2.19
2.20	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.		
2.21	May 18, 2022	Email	An Enbridge Gas representative emailed the CFN representative to advise that they tried to upload the Environmental Report to the CFN portal however, they were successful. The Enbridge Gas representative provided the link to the Environmental Report again. The Enbridge Gas representative requested a meeting to discuss the Project and asked for CFN to provide some dates to meet.		Please see line-item attachment 2.21
2.22	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.		Please see line-item attachment 2.22
2.23	June 9, 2022	Email	The Enbridge Gas representative sent an email to the CFN representative to provide a monthly update of Enbridge Gas's proposed projects. The update provided information regarding the Project status, Outstanding Engagement Request and proposed OEB Project Application filing date. The Enbridge Gas representative advised that capacity funding was available to support engagement on Enbridge Gas projects.		
2.24	July 5, 2022	Telephone call	An Enbridge Gas representative called the CFN representative to follow up on emails and left a voice mail message with a return phone number.		
2.25	July 11, 2022	In Person discussion	An Enbridge Gas representative met with a CFN representative who		

			confirmed that Enbridge Gas was reaching out to the appropriate contact within the community.		
2.26	July 19, 2022	Email	The Enbridge Gas representative emailed the CFN representative, regarding the Fieldwork Participation Agreement (FPA). The Enbridge Gas representative advised that they would like to use the same FPA agreement for all Nations to ensure consistency and transparency. Enbridge Gas advised they would provide an FPA for the Project and noted capacity funding was available for CFN to obtain a legal review of the FPA.		
2.27	July 25, 2022	Email		The CFN representative emailed the Enbridge Gas representative advising CFN preferred to draft their own contracts, noting a pan-Indigenous approach to the contract was not satisfactory.	
2.28	August 5, 2022	Email	The Enbridge Gas representative emailed the CFN representative clarifying they did not use a pan-Indigenous approach to contracts, noting they preferred to standardize agreements for legal and contract management purposes. The Enbridge Gas representative advised they made accommodations to the best of their ability, and provided a draft agreement with suggested revisions. The Enbridge Gas representative provided an overview of rates, advising capacity funding was available for training or personal protection equipment.		
2.29	August 12, 2022	Email	The Enbridge Gas representative sent an email		

			to the CFN representative to provide a monthly update of Enbridge Gas's proposed projects. The update provided information regarding the Project status, Outstanding Engagement Request and proposed OEB Project Application filing date. The Enbridge Gas representative advised that capacity funding was available to support engagement on Enbridge Gas projects.		
2.30	August 12, 2022	Email		The CFN representative emailed the Enbridge Gas representative advising they would provide comments once the CFN leadership had completed their review of projects in their traditional territory.	
2.31	August 22, 2022	Email		The CFN representative emailed the Enbridge Gas representative advising the rates suggested by Enbridge Gas were acceptable, noting capacity funding would be negotiated from project to project. The CFN representative advised they accepted the recommended revisions to the CFN fieldwork participation agreement and the agreement for execution. The CFN representative requested the agreement be modified for future projects.	

2.32	August 24, 2022	Email	An Enbridge Gas representative emailed the CFN representative providing the fieldwork participation agreement for execution. The Enbridge Gas representative requested a meeting to discuss the project and capacity funding.		
2.33	August 26, 2022	Email		The CFN representative emailed the Enbridge Gas representative the signed copy of the FPA for the Project. The CFN representative advised they would be interested in meeting to identify gaps in capacity in regard to the Project. The CFN representative advised it would be best to meet with CFN and the Three Fires Group (TFG) as the parties are working together.	
2.34	September 9, 2022	Email	The Enbridge Gas representative emailed the CFN representative to request some dates for a meeting with CFN and TFG and to also provide clarity on the partnership or arrangement between the two parties with respect to consultation on the Project.		
2.35	November 18, 2022	Email		CFN representative emailed the Enbridge Gas representative following up on an email sent with a map of Enbridge Gas assets in southwest Ontario. The CFN representative requested additional slides on the Project; the most recent route	

				selections and determinations. The CFN representative also expressed the significant need to conduct a community engagement on the overall matter of the Panhandle.	
2.36	November 21, 2022	Email	An Enbridge Gas representative advised that the information requested in CFN's November 18, 2022 could be pulled together and provided to CFN and supported a community engagement session on the Project in the winter. The Enbridge Gas representative offered capacity funding for the Project and asked for an estimate to be provided and a virtual meeting to be set to discuss need.		
2.37	November 23, 2022	Email		The CFN representative responded that either of the proposed dates for the meeting would work. The CFN representative also indicated in the email that they would develop a budget for the department's capacity, including time spent.	
2.38	November 25, 2022	Email	An Enbridge Gas representative sent an email asking for times to meet on December 13.		
2.39	November 25, 2022	Email		The CFN representative emailed the Enbridge Gas representative that anytime on December 13 would be ok and provided additional names of those who would attend the meeting.	
2.40	November 29, 2022	Email	The Enbridge Gas representative confirmed		

			the location of the December 13, 2022 meeting.		
2.41	December 12, 2022	Email		The CFN representative emailed the Enbridge Gas representative to reschedule the December 13, 2022 meeting.	
2.42	December 12, 2022	Email	An Enbridge Gas representative responded to the CFN representative on the same day and wished them well and advised that they would be in touch in the new year to set up a meeting.		
2.43	January 11, 2023	Email	An Enbridge Gas representative emailed the CFN representative to reschedule the Project meeting. The Enbridge Gas representative indicated that in addition to Panhandle, Enbridge Gas would like to speak about other Projects.		
2.44	January 16, 2023	Email		The CFN representative responded to the Enbridge Gas representative advising them to pick a date later in January or early February. The CFN representative also advised that topics of discussion would be Panhandle capacity compensation and local Enbridge energy projects such as Boblo Island.	
2.45	January 26, 2023	Email	An Enbridge Gas representative emailed the CFN representative to suggest February 22 or 23 for a meeting time. The Enbridge Gas representative advised that the parties could discuss the projects suggested by CFN. The Enbridge Gas representative		

			also asked to learn more about the CFN consultation protocol document and how best to engage CFN.		
2.46	January 26, 2023	Email		The CFN representative responded to the Enbridge Gas representative asking for Enbridge Gas to send a tentative calendar invite for February 22 or 23.	
2.47	January 27, 2023	Email	The Enbridge Gas representative emailed the CFN representative to advise that a calendar hold for February 22 has been sent.		
2.48	January 30, 2023	Email	An Enbridge Gas representative emailed the CFN representative to advise that the Project had been put on hold as Enbridge Gas continues to review potential material increases to components of the estimated project cost, through a competitive procurement process. The email advised that Enbridge Gas will continue to advance the Project and anticipated resuming the regulatory process in 2023.		Please see line-item attachment 2.48
2.49	February 8, 2023	Email		The CFN representative emailed the Enbridge Gas representative on a different project and advised that he was unavailable for the February 22 meeting.	
2.50	April 14, 2023	Email	An Enbridge Gas representative emailed the CFN representative to inquire on the timing for a community meeting on the Project.		
2.51	April 20, 2023	Email	An Enbridge Gas representative emailed the CFN representative to engage on the Project. The Enbridge Gas representative advised that once the		

			Project was refiled with the OEB, they would be able to provide additional information to share with Chief and Council. The Enbridge Gas representative advised that the environmental aspects of the Project have not changed. The Enbridge Gas representative requested a work plan and budget for the Project to provide capacity funding.		
2.52	May 8, 2023	Email	An Enbridge Gas representative emailed the CFN representative providing a letter and maps detailing a change in scope for the Project. The email advised that Enbridge Gas intends to re-file the application for the Project in Q3 of 2023.		Please see line-item attachment 2.52
Chippewas of Kettle and Stony Point First Nation (CKSPFN)					
Line Item	**Date**	**Method**	**Summary of Enbridge Gas Inc. ("Enbridge Gas") Engagement Activity**	**Summary of Community's Engagement Activity**	**Issues or Concerns raised and how addressed by Enbridge Gas including any substantive Attachments**
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 provided at a later date. The Enbridge Gas representative provided a map in relation to the Project.		Please see line-item attachment 3.1
3.2	August 11, 2021	Email		A CKSPFN representative emailed the Enbridge Gas representative to acknowledge receipt of the email.	
3.3	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.		
3.4	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.		Please see line-item attachment 3.4
3.5	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.		Please see line-item attachment 3.5
3.6	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.		
3.7	December 9, 2021			A CKSPFN representative emailed the Enbridge Gas representative to	

				acknowledge the email.	
3.8	January 11, 2022	Email	An Enbridge Gas representative emailed the CKSPFN representative to request a virtual meeting with CKSPFN's 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.		Please see line-item attachment 3.8
3.9	January 26, 2022	Email	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.		Please see line-item attachment 3.9
3.10	February 7, 2022	Phone	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.		
3.11	February 8, 2022	Email	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.		
3.12	February 8, 2022	Email		A CKSPFN representative emailed the Enbridge Gas representative and provided some dates available, and a meeting was set for February 11, 2022.	
3.13	February 9, 2022	Email	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, 2022 to February 28, 2022 and provided a website link. The Enbridge Gas representative noted capacity funding would be available.		Please see line-item attachment 3.13
3.14	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 CKSPFN 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.		
3.15	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.		Please see line-item attachment 3.15
3.16	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.		
3.17	March 10, 2022	Email	An Enbridge Gas representative sent an email to the CKSPFN 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.		
3.18	April 8, 2022	In person Meeting	An Enbridge Gas representative met in person with a CKSPFN representative to discuss		

			supply chain management and possible business opportunities for Indigenous Nations on the Project.		
3.19	April 11, 2022	Email	An Enbridge Gas representative emailed the CKSPFN representatives providing a letter and maps detailing a change in scope for the Project and 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.		Please see line-item attachment 3.19
3.20	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.		Please see line-item attachment 3.20
3.21	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.		
3.22	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		Please see line-item attachment 3.22

			June 10, 2022 but comments from CKSPFN would be accepted after that date.		
3.23	June 8, 2022	Email		A representative from the Three First Group, acting on behalf of CKSPFN, (TFG) sent an email to the Enbridge Gas representative to advise they required an extension of June 28, 2022 to review and comment on the environmental report for the Project. The TFG representative asked when the Project application was being filed with the OEB.	
3.24	June 9, 2022	Email	An Enbridge Gas representative emailed the CKSPFN representative advising that the Project application was anticipated to be filed on June 10, 2022. The Enbridge Gas representative requested a meeting after June 28, 2022 following CKSPFN's review of the environmental Report.		
3.25	June 28, 2022	Email		The CKSPFN representative emailed the Enbridge Gas representative advising they would provide their comments on the Environmental Report by July 5, 2022 and requested Enbridge Gas's availability for a meeting the week of July 18, 2022.	
3.26	June 28, 2022	Email	The Enbridge Gas representative emailed the CKSPFN representative providing their availability for a meeting on July 18 and 19, 2022.	The parties agreed to meet on July 19, 2022.	

3.27	July 5, 2022	Email		The CKSPFN representative emailed the Enbridge Gas representative providing their comments on the Project Environmental Report.	CKSPFN's comments addressed matters such as fugitive emissions, cumulative effects and mitigation measures Please see line-item attachment 3.27
3.28	July 5, 2022	Email	An Enbridge Gas representative emailed the CKSPFN representative to acknowledge receipt of the email.		
3.29	July 11, 2022	In person Meeting	The Enbridge Gas and CKSPFN/Three Fires Group (TFG) representatives met in person to discuss opportunities for business partnerships on Enbridge Gas work.		The TFG requested information regarding the general contractors for the Project.
3.30	July 14, 2022	In Person Meeting	An Enbridge representative met in person with a representative from TFG to discuss opportunities for supply chain inclusion, bid timing of the RFP and construction timelines for the Project.		
3.31	July 19	Virtual meeting	The Enbridge Gas representative had a conference call with CKSPFN regarding the Project. Topics of discussion included the purpose of the Project, water crossings, emissions, and the Environmental Report. The Enbridge Gas representative advised they would provide responses to		Please line-item attachment 3.31

			the questions not answered in the meeting in a follow up email.		
3.32	July 19, 2022	Email	The Enbridge Gas representative emailed the CKSPFN representative to confirm the contracting authority (Three Fires Group or CKSPFN) for the Fieldwork Participation Agreement.		
3.33	July 20, 2022	Email		An CKSPFN representative emailed the Enbridge Gas representative and advised they would confirm the appropriate contracting authority for CKSPFN. The CKSPFN representative requested that Enbridge Gas email all consultants to ensure that the consultation email address was being used for all monitoring invitations.	
3.34	July 20, 2022	Email	The Enbridge Gas representative emailed the environmental consultant for the Project and included the CKSPFN representative to confirm that all emails should be sent to the consultation email address provided.		
3.35	July 25, 2022	Email	The Enbridge Gas representative emailed the CKSPFN representative providing the shape files for the Project.		
3.36	July 27, 2022	Email	The Enbridge Gas representative emailed the CKSPFN representative to provide updates on outstanding items. The Enbridge Gas representative advised that the response to CKSPFN's comments on the environmental report were delayed and an update		Please line-item attachment 3.36

			would be provided the following week. The Enbridge Gas representative also advised that the shape files had been sent.		
3.37	July 29, 2022	Email		The TFG representative emailed the Enbridge Gas representative requesting Project details on the General Contractor bid list, timing of RFP and timelines for construction work.	
3.38	August 10, 2022	Email	An Enbridge Gas representative emailed the TFG representative to provide the details requested.		
3.39	August 2, 2022	Email	The Enbridge Gas representative emailed the CKSPFN representative providing a comment tracker and generic sediment control plans for Dam & Pump, HDD, and Temporary Vehicle Crossings in response of the July 19, 2022 meeting. The Enbridge Gas representative noted some responses to the inquiries raised would be responded to within the environmental report responses and indicated they could be available later that week.		For the questions asked by TFG and the responses to these questions, please line-item attachment 3.31
3.40	August 11, 2022	Email	The Enbridge Gas representative emailed the CKSPFN representative with an update email to advise on the status of responding to the comments received from CKSPFN regarding the environmental report . Enbridge Gas advised that their responses to the environmental would be ready for review the week of August 15, 2022, which would allow CKSPFN to		

			review them prior to the OEB Intervenor comments due in early September. The Enbridge Gas also inquired as to any items CKSPFN has requested that remains outstanding.		
3.41	August 12, 2022	Email	The Enbridge Gas representative sent an email to the CKSPFN representative to provide a monthly update of Enbridge Gas's proposed projects. The update provided information regarding the Project status, Outstanding Engagement Request and proposed OEB Project Application filing date. The Enbridge Gas representative advised that capacity funding was available to support engagement on Enbridge Gas projects.		
3.42	August 18, 2022	Email	The Enbridge Gas representative emailed the CKSPFN representative to provide its responses to CKSPFN's comments on the environmental report. The Enbridge Gas representative requested a meeting with CKSPFN to discuss the responses once CKSPFN has had an opportunity to review them.		Please line-item attachment 3.42
3.43	August 24, 2022	Email	The Enbridge Gas representative emailed the CKSPFN representative following up on an email sent on July 19 regarding the fieldwork participation agreement. The Enbridge Gas representative provided a copy of the standard fieldwork participation agreement for their review and requested clarity on which authority should be listed on these agreements (CKSPFN or TFG).		
3.44	September 7, 2022	Email	The Enbridge Gas representative emailed the CKSPFN representative a copy of the Natural Heritage Background Review and Field Investigations		Please line-item attachment 3.44

			Technical Memorandum provided by the environmental consultant.		
3.45	January 30, 2023	Email	An Enbridge Gas representative emailed the CKSPFN representative to advise that the proposed Project had been put on hold as Enbridge Gas continues to review potential material increases to components of the estimated Project cost, through a competitive procurement process. The email advised that Enbridge Gas will continue to advance the Project and anticipated resuming the regulatory process in 2023.		Please line-item attachment 3.45
3.46	May 8, 2023	Email	An Enbridge Gas representative emailed the CKSPFN representative providing a letter and maps detailing a change in scope for the Project. The email advised that Enbridge Gas intends to re-file the application for the Project in Q3 of 2023.		Please line-item attachment 3.46
Chippewas of the Thames First Nation (COTTFN)					
Line Item	**Date**	**Method**	**Summary of Enbridge Gas Inc. ("Enbridge Gas") Engagement Activity**	**Summary of Community's Engagement Activity**	**Issues or Concerns raised and how addressed by Enbridge Gas including any substantive Attachments**
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.		Please line-item attachment 4.1
4.2	November 17, 2021	Email	An Enbridge Gas representative emailed the COTTFN representative providing a copy of the open house slides for the Project and a website link for the virtual open house. The Enbridge Gas representative noted the		Please line-item attachment 4.2

			virtual open house would be open for two weeks.		
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.	
4.4	December 14, 2021		An Enbridge Gas representative emailed the COTTFN representative to acknowledge the request and advise that they were seeking out a date from the Project team. On December 15, 2021, an Enbridge Gas representative confirmed January 24 for a presentation on the Project to Chief and Council.		
4.5	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.	
4.6	January 17, 2022	Email	An Enbridge Gas representative emailed the COTTFN representative advising that they would be providing a presentation for the meeting and it would include a map.		
4.7	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.		
4.8	January 21, 2022	Email	An Enbridge Gas representative emailed the COTTFN representative providing an updated presentation for their January 24, 2022 conference call.		
4.9	January 24, 2022	Virtual Meeting	Enbridge Gas representatives had a virtual meeting with the COTTFN representative regarding the Project. Topics of discussion included a Project overview and routing.		During the meeting, a COTTFN representative inquired about capacity funding and Enbridge Gas representative advised that it would provide capacity funding.
4.10	January 25, 2022	Email	An Enbridge Gas representative followed up, on January 25, 2022, with an email thanking them for the meeting.		
4.11	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.		Please line-item attachment 4.11
4.12	February 14, 2022	Email		A COTTFN representative emailed an Enbridge Gas representative requesting a single map for the entire Project.	
4.13	February 14, 2022	Email	An Enbridge Gas representative emailed the COTTFN representatives advising they would follow up with a complete Project map.		
4.14	February 16, 2022	Email	An Enbridge Gas representative emailed the COTTFN representative to provide a Project map.		
4.15	March 28, 2022	Email	An Enbridge Gas representative emailed the COTTFN representative to set up a time to visit and learn the new consultation	The parties agreed to meet on April 7.	

			portal that is being used and provide Project updates.		
4.16	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.		Please line-item attachment 4.16
4.17	April 8, 2022	Email		The COTTFN representative emailed the Enbridge Gas representative asking about the timelines for the environmental report.	
4.18	April 8, 2022	Email	An Enbridge Gas representative addressed their questions regarding capacity funding when they met on April 21, 2022.		
4.19	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.		
4.20	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		Please line-item attachment 4.20

			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.		
4.21	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.		
4.22	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.		Please line-item attachment 4.22
4.23	June 10, 2022	Email	The Enbridge Gas representative emailed the COTTFN representative providing a June 2022 Project update. The Enbridge Gas representative advised comments received on the Environmental Report could be incorporated at any time. The Enbridge Gas representative requested a meeting in July 2022 to review COTTFN's comments on the environmental report.		
4.24	July 25, 2022	Email		The COTTFN representative emailed the Enbridge Gas representative advising they would provide their comments on the Environmental Report later that week. The COTTFN representative	

				provided their availability for a community information session on current Enbridge Gas projects.	
4.25	July 28, 2022	Email		The COTTFN representative emailed the Enbridge Gas representative providing their comments on the Project Environmental Report, and an invoice. The letter requested a community engagement session in the fall 2022.	COTTFN's comments addressed matters such as fugitive emissions and climate change, water crossing methods and mitigation measures. Please line-item attachment 4.25
4.26	Aug 2, 2022	Email	The Enbridge Gas representative emailed the COTTFN representative advising the Project team was working on responses to their comments on the Environmental Report. The Enbridge Gas representative noted they would schedule a community information session on current Enbridge projects for the fall 2022.		
4.27	Aug 12, 2022	Email	The Enbridge Gas representative sent an email to the COTTFN representative to provide a monthly update of Enbridge Gas's proposed projects. The update provided information regarding the Project status, Outstanding Engagement Request and proposed OEB Project Application filing date. The Enbridge Gas representative advised that capacity funding was available to support engagement on Enbridge Gas projects.		
4.28	September 29, 2022	Email	An Enbridge Gas representative emailed the COTTFN representative the responses to their		

			comments on the Environmental Report.		
4.29	October 4, 2022	Email	An Enbridge Gas representative emailed the COTTFN representative to provide updated responses to their comments on the Environmental Report. An Enbridge Gas representative asked them to disregard the previous responses.		Please see line-item attachment 4.29
4.30	October 17, 2022	Email		A COTTFN representative emailed the Enbridge Gas representative seeking to find a date to hold a community meeting on Enbridge Gas projects.	
4.31	October 17, 2022	Email	An Enbridge Gas representative emailed the COTTFN representative to suggest November 16, 2022 for the community meeting.		
4.32	October 20, 2022	Email		A COTTFN representative emailed the Enbridge Gas representative to confirm November 16, 2022 for the community meeting focusing on Enbridge Gas projects.	
4.33	November 3, 2022	Email	An Enbridge Gas representative sent the COTTFN representative a map of the Enbridge Gas assets within southwest Ontario. This map was requested by COTTFN during the Environmental Report review.		
4.34	November 16, 2022	Community Open House	Enbridge Gas held a Community Open House to provide information on Enbridge Gas projects. Enbridge Gas representatives provided information the route and environmental mitigation.		
4.35	January 30, 2023	Email	An Enbridge Gas representative emailed the COTTFN representative to advise that the proposed		Please see line-item attachment 4.35

			Project had been put on hold as Enbridge Gas continues to review potential material increases to components of the estimated Project cost, through a competitive procurement process. The email advised that Enbridge Gas will continue to advance the project and anticipated resuming the regulatory process in 2023.		
4.36	May 8, 2023	Email	An Enbridge Gas representative emailed the COTTFN representative providing a letter and maps detailing a change in scope for the Project. The email advised that Enbridge Gas intends to re-file the application for the Project in Q3 of 2023.		Please see line-item attachment 4.36
Oneida Nation of the Thames (Oneida Nation)					
Line Item	**Date**	**Method**	**Summary of Enbridge Gas Inc. ("Enbridge Gas") Engagement Activity**	**Summary of Community's Engagement Activity**	**Issues or Concerns raised and how addressed by Enbridge Gas including any substantive Attachments**
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.		Please see line-item 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 Project and a website link for the virtual open house.		Please see line-item attachment 5.1
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.		
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.		Please see line-item 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.		Please see line-item attachment 5.6
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.		Please see line-item 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		Please see line-item attachment 5.8

			requested that any comments be provided on the Environmental Report by June 10, 2022, as per the Guidelines. Capacity funding 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	Email	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.		
5.10	May 26, 2022	Email		The Oneida Nation representative emailed the Enbridge Gas representative requesting a time to meet as the community has an upcoming election.	
5.11	May 26, 2022	Email	The Enbridge Gas emailed the Oneida Nation representative suggested June 8, 2022 for a meeting.		
5.12	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.		Please see line-item attachment 5.12
5.13	June 10, 2022	Email	The Enbridge Gas representative was supposed to meet with the Oneida Nation representation on June 10, 2022 to discuss the Project, but the Oneida Nation representative was no longer available. The Enbridge Gas representative established a meeting for June 29, 2022. In addition to this, the Enbridge Gas representative advised comments received on the		

			Environmental Report could be incorporated at any time. The Enbridge Gas representative requested a meeting in July 2022 to review the Oneida Nation's comments on the environmental report.		
5.14	June 29, 2022	In Person Meeting	The Enbridge Gas representative met with the Oneida Nation representative in Oneida First Nation. The Enbridge Gas representative provided a Project update. The Oneida Nation representative had no concerns with respect to the Project status.		
5.15	August 12, 2022	Email	The Enbridge Gas representative sent an email to the Oneida Nation representative to provide a monthly update of Enbridge Gas's proposed projects. The update provided information regarding the Project status, Outstanding Engagement Request and proposed OEB Project Application filing date. The Enbridge Gas representative advised that capacity funding was available to support engagement on Enbridge Gas projects.		
5.16	December 8, 2022	In person meeting	Enbridge Gas and Oneida Nation representatives met in person to discuss multiple Enbridge Gas projects. The Enbridge Gas representative reviewed the need, scope and routes of the Project.		
5.17	January 30, 2023	Email	An Enbridge Gas representative emailed the Oneida Nation representative to advise that the proposed Project had been put on hold as Enbridge Gas continues to review potential material increases to components of the estimated Project cost, through a competitive procurement process. The email advised that Enbridge Gas will continue to advance the project and		Please see line-item attachment 5.17

			anticipated resuming the regulatory process in 2023.		
5.18	May 8, 2023	Email	An Enbridge Gas representative emailed the Oneida Nation representative providing a letter and maps detailing a change in scope for the Project. The email advised that Enbridge Gas intends to re-file the application for the Project in Q3 of 2023.		Please see line-item attachment 5.18
Walpole Island First Nation					
Line Item	**Date**	**Method**	**Summary of Enbridge Gas Inc. ("Enbridge Gas") Engagement Activity**	**Summary of Community's Engagement Activity**	**Issues or Concerns raised and how addressed by Enbridge Gas including any substantive Attachments**
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.		Please see line-item 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 the WIFN representative with a study map for the Project.		Please see line-item attachment 6.2
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.		

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.		
6.5	November 10, 2021	Email	An Enbridge Gas representative emailed the WIFN representative to send 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.		
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.		Please see line-item attachment 6.7
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.		
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.		Please see line-item attachment 6.9
6.10	January 27, 2022	Virtual Meeting	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. 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.		
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		Please see line-item attachment 6.11

			would be available from February 14, 2022 to February 28, 2022 and provided a website link.		
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 requested their availability for a Project update meeting in May 2022.		Please see line-item attachment 6.12
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.		Please see line-item 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.		
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.		
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		Please see line-item attachment 6.16

			Enbridge Gas representative advised that the deadline is June 10, 2022 but comments from WIFN would be accepted after that date.		
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.		Please see line-item attachment 6.17
6.18	June 9, 2022	Email	The Enbridge Gas representative emailed the WIFN representatives providing an update on the Project and requested a meeting to discuss the Project.		
6.19	June 20, 2022	Email		The WIFN representative emailed the Enbridge Gas representative providing their comments on the environmental report for the Project. Capacity funding was provided to WIFN and accepted on May 16, 2022.	WIFN's comments addressed matters such as cumulative effects, aquatic ecology impacts and mitigation measures. Please see line-item attachment 6.19
6.20	July 13, 2022	In person meeting	The Enbridge Gas representative and the WIFN representative met to discuss the Project. Supply chain management was discussed, and information was provided on how WIFN businesses could participate in the supply chain management aspect of Enbridge Gas projects.		
6.21	August 12, 2022	Email	The Enbridge Gas representative sent an email to the WIFN representative to provide a monthly update of Enbridge Gas's proposed projects. The update		

			provided information regarding the Project status, Outstanding Engagement Request and proposed OEB Project Application filing date. The Enbridge Gas representative advised that capacity funding was available to support engagement on Enbridge Gas projects.		
6.22	September 8, 2022	Email	The Enbridge Gas representative emailed the WIFN representative the responses to their comments on the environmental report. The Enbridge Gas representative also provided a copy of the Natural Heritage Background Review and Field Investigations Technical Memorandum by the environmental consultant and generic sediment control plans for Dam & Pump, HDD, and Temporary Vehicle Crossings. The Enbridge Gas representative requested a meeting with WIFN following their review of Enbridge Gas's responses to their comments.		Please see line-item attachment 6.22
6.23	September 9, 2022	Email		The WIFN representative emailed the Enbridge Gas representative to acknowledge receipt of the email.	
6.24	October 26, 2022	Virtual Meeting	An Enbridge Gas representative met with the WIFN representatives to discuss the Project.		The WIFN representative requested more information regarding the need for the Project and alternatives that were looked at by Enbridge Gas. The Enbridge Gas representative advised that this information was within the OEB filing and they would send it over following the meeting.
6.25	October 27, 2022	Email	An Enbridge Gas representative emailed the WIFN representative to		

			provide information from the OEB filing on the need for the Project and the alternatives explored.		
6.26	January 30, 2023		An Enbridge Gas representative emailed the WIFN representative to advise that the proposed Project had been put on hold as Enbridge Gas continues to review potential material increases to components of the estimated Project cost, through a competitive procurement process. The email advised that Enbridge Gas will continue to advance the Project and anticipated resuming the regulatory process in 2023.		Please see line-item attachment 6.26
6.27	May 8, 2023	Email	An Enbridge Gas representative emailed the WIFN representative providing a letter and maps detailing a change in scope for the Project. The email advised that Enbridge Gas intends to re-file the application for the Project in Q3 of 2023.		Please see line-item attachment 6.27
Eelũnaapèewii Lahkèewiit ("Delaware Nation")					
Line Item	**Date**	**Method**	**Summary of Enbridge Gas Inc. ("Enbridge Gas") Engagement Activity**	**Summary of Community's Engagement Activity**	**Issues or Concerns raised and how addressed by Enbridge Gas including any substantive Attachments**
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 capacity funding would be available and requested a meeting to discuss the Project.		Please see line-item attachment 7.1
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		Please see line-item attachment 7.2

			virtual open house would be open for two weeks.		
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.		Please see line-item 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.		Please see line-item attachment 7.4
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.		Please see line-item 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		Please see line-item attachment 7.6

			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 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.		Please see line-item attachment 7.7
7.8	June 7, 2022	Email	An Enbridge Gas representative called the band office to seek out a contact. The band office provided the email for the Director of Operations. 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.		Please see line-item attachment 7.8
7.9	May 8, 2023	Email	An Enbridge Gas representative emailed the Delaware Nation representative providing a letter and maps detailing a change in scope for the Project. The email advised that Enbridge Gas intends to re-file the application for the Project in Q3 of 2023.		Please see line-item attachment 7.9

Line-item attachment 1.1

From: Lauren Whitwham
To: Aamjiwnaang Environment; Sherilyn Johnston
Subject: Enbridge proposed project: Panhandle Transmission System
Date: Wednesday, August 11, 2021 3:41:47 PM
Attachments: image001.png

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

Line-item attachment 1.2

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

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)

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 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,



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:	www.virtualengagement.ca/panhandle

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.

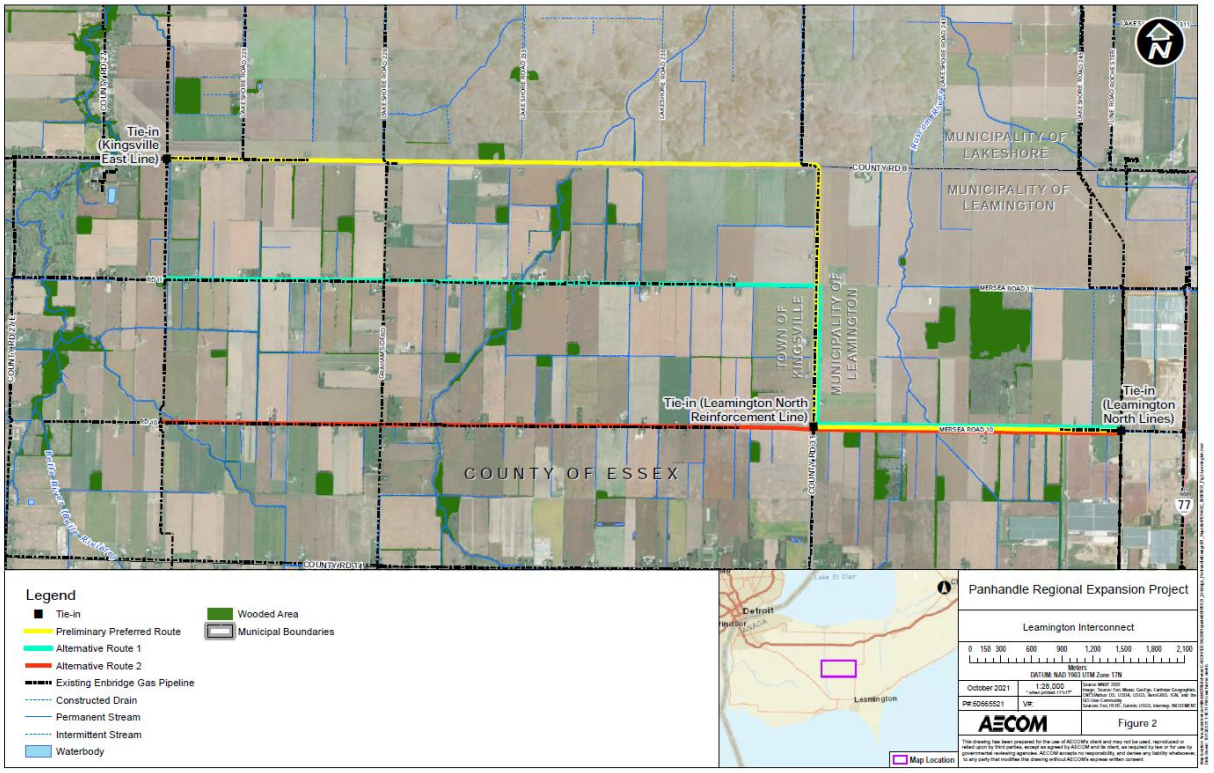
Sincerely,

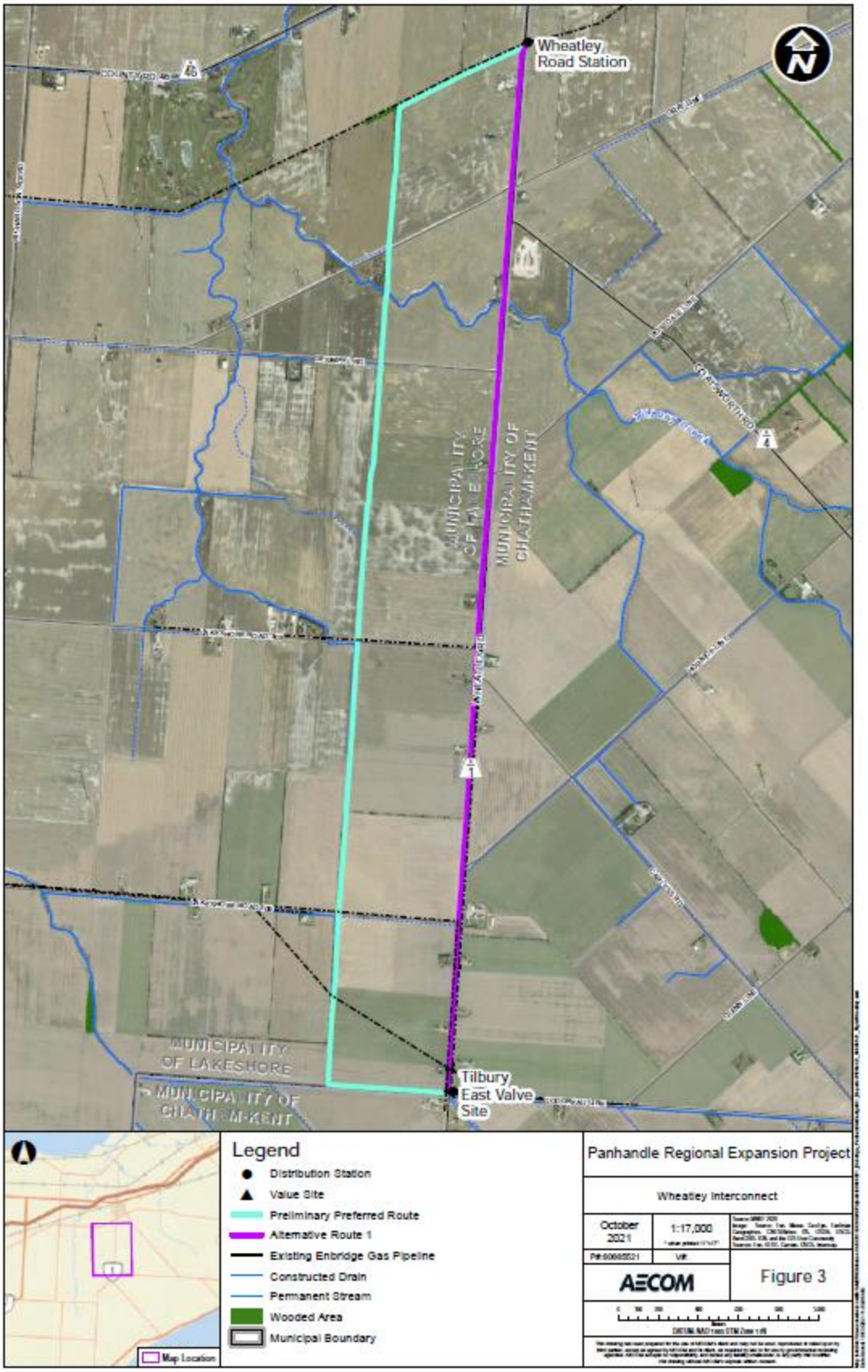


Lauren Whitwham
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Lauren.Whitwham@enbridge.com
Phone: (519) 852-3474

CC: Evan Tomek - Enbridge Inc.
Mark Van der Woerd – AECOM
Kristan Washburn – AECOM
Environmental Committee (environment@aamjiwnaang.ca) – Aamjiwnaang First Nation


Dover Transmission Station
Lake St. Clair
Stoney Point/Pointe-aux-Roches
Tilbury
Comber
Comber Transmission Station
Legend
Transmission Station
Preliminary Preferred Route
Existing Enbridge Gas Pipeline
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
Kilometers
DATUM: NAD 1983 UTM Zone 17N
October 2021
1:75,000
PM:60665521
AECOM
Figure 1


Tie-in (Kingsville East Line)
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
Legend
Tie-in
Preliminary Preferred Route
Alternative Route 1
Alternative Route 2
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundaries
Panhandle Regional Expansion Project
Leamington Interconnect
Meters
DATUM: NAD 1983 UTM Zone 17N
October 2021
1:20,000
PM:60665521
AECOM
Figure 2


Wheatley Road Station
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF CHATHAM-KENT
Tilbury East Valve Site
Legend
Distribution Station
Value Site
Preliminary Preferred Route
Alternative Route 1
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Wooded Area
Municipal Boundary
Map Location
Panhandle Regional Expansion Project
Wheatley Interconnect
October 2021
1:17,000
AECOM
Figure 3

Line-item attachment 1.3

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

Line-item attachment 1.4

From: Lauren Whitwham
To: Cathleen O"Brien
Cc: Aamjiwnaang 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

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 .

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
Sarnia, 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:	www.virtualengagement.ca/panhandle

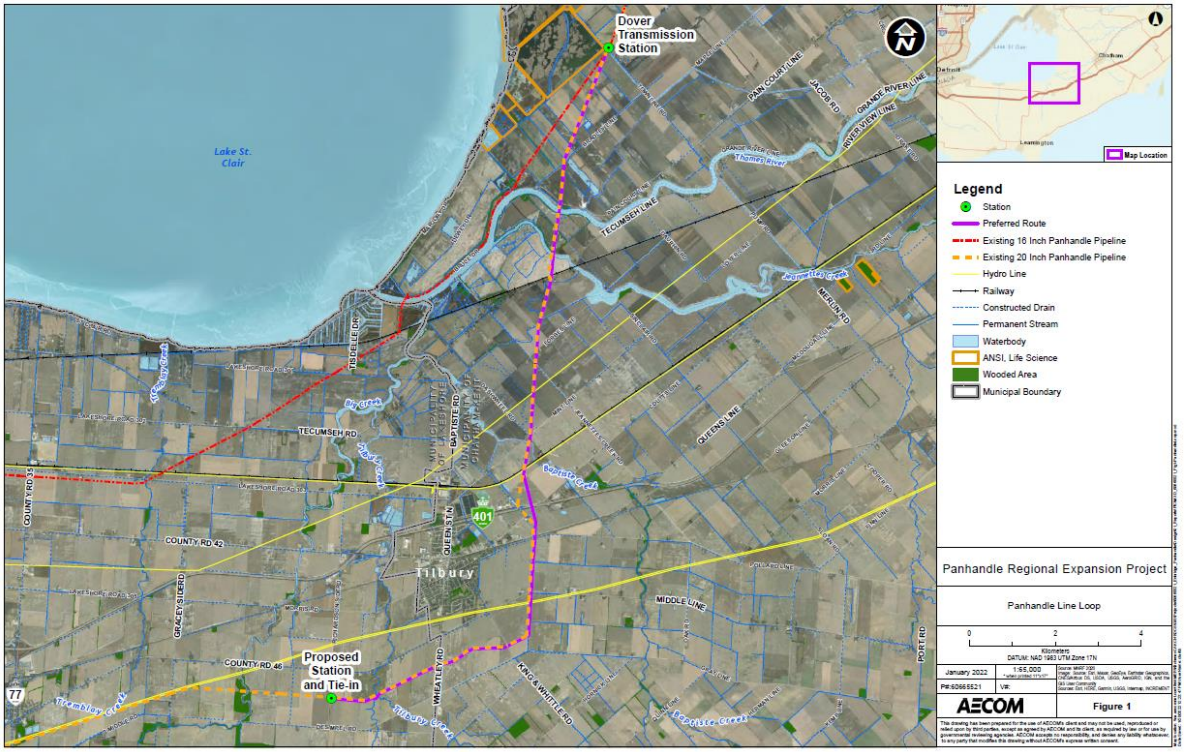
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

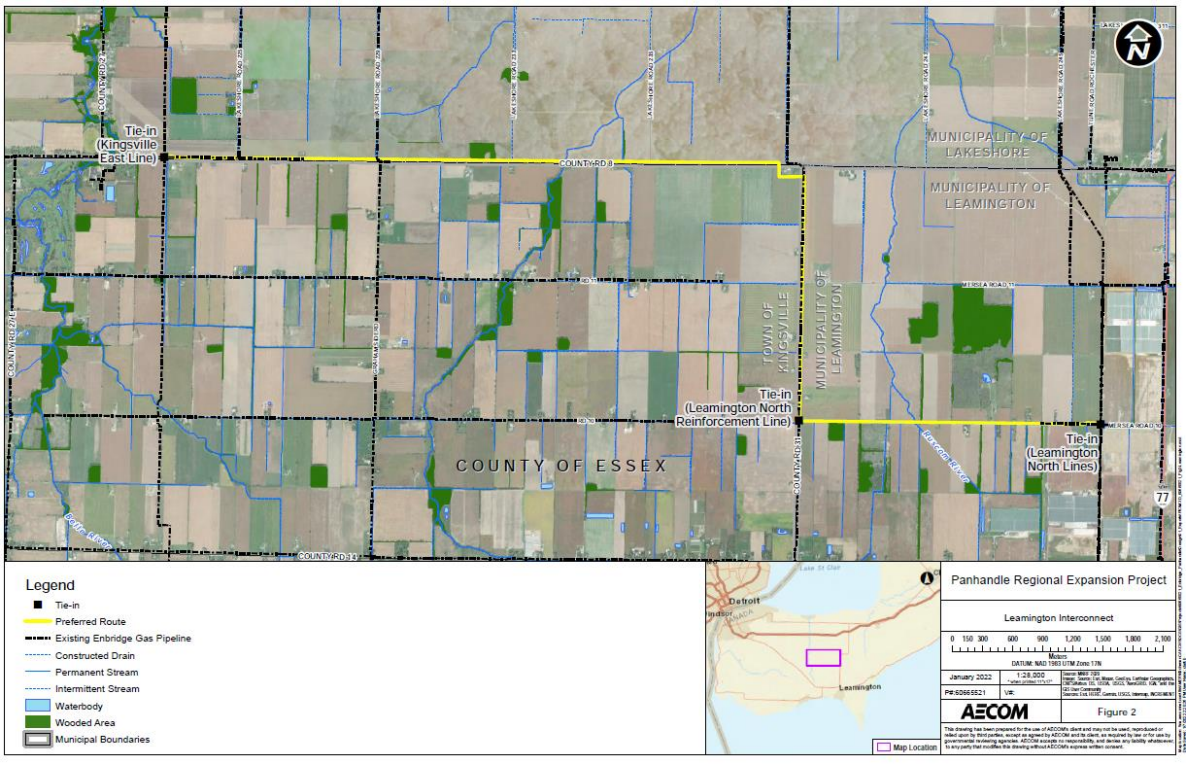
Sincerely,

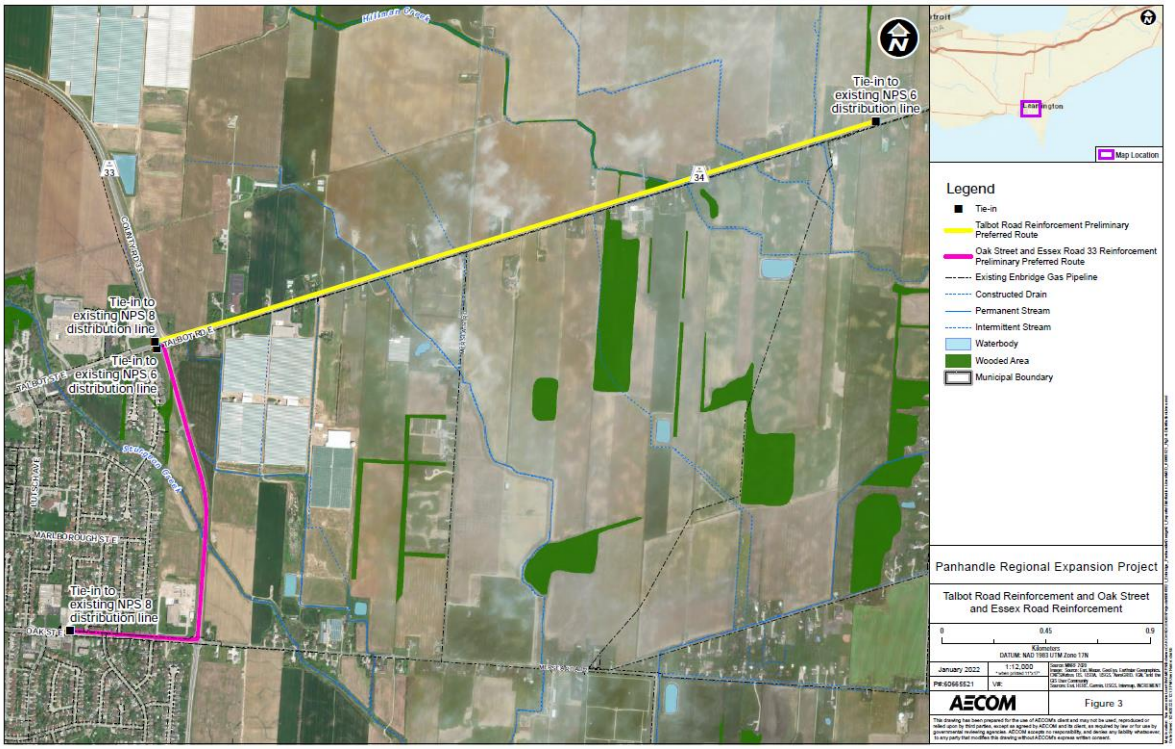


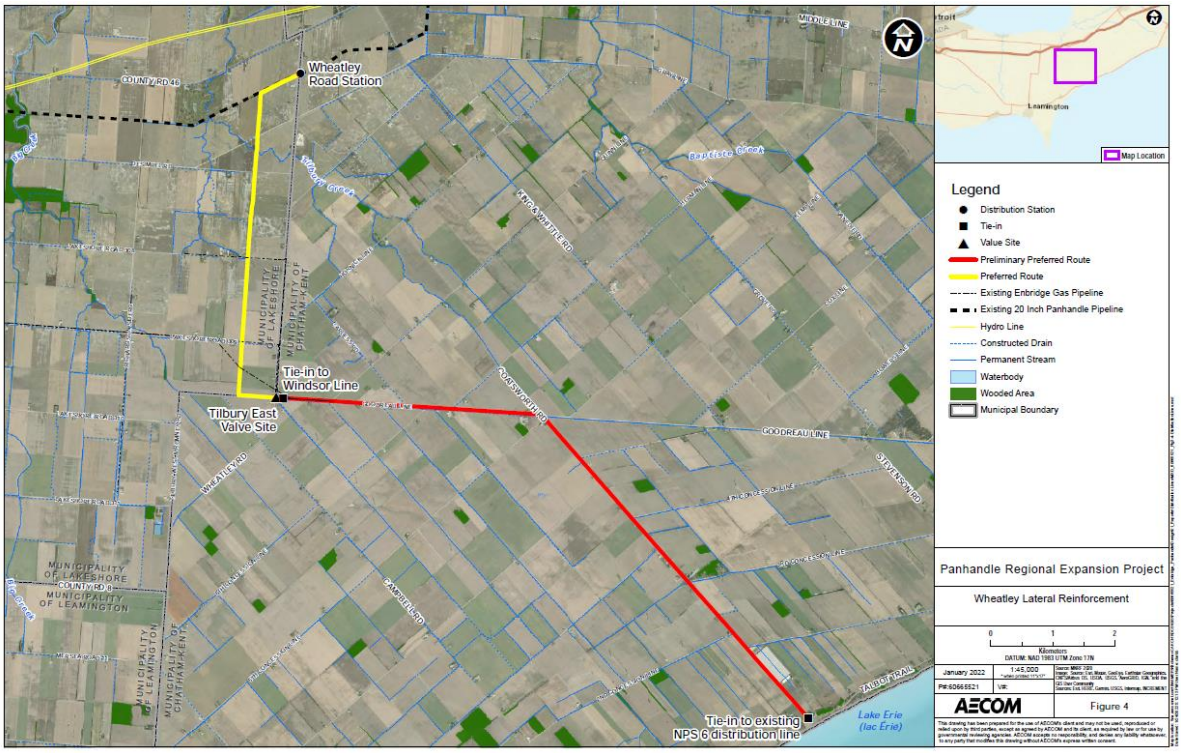
Lauren Whitwham
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Lauren.Whitwham@enbridge.com
Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.
Mark Van der Woerd – AECOM
Kristan Washburn – AECOM
Environmental Committee (environment@aamjiwnaang.ca) – Aamjiwnaang First Nation


Dover Transmission Station
Lake St. Clair
Thames River
TECUMSEH LINE
TECUMSEH RD
QUEENS LINE
MERLIN RD
COUNTY RD 42
COUNTY RD 46
Tilbury
401
Proposed Station and Tie-in
MIDDLE LINE
PORT RD
Map Location
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
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:65,000
Pit:60665521
AECOM
Figure 1


Tie-in (Kingsville East Line)
COUNTY RD 8
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
Tie-in (Leamington North Reinforcement Line)
COUNTY OF ESSEX
Tie-in (Leamington North Lines)
77
Legend
Tie-in
Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundaries
Detroit
Leamington
Map Location
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
1:28,000
Pit:60665521
AECOM
Figure 2


Tie-in to existing NPS 6 distribution line
Tie-in to existing NPS 8 distribution line
Tie-in to existing NPS 6 distribution line
Tie-in to existing NPS 8 distribution line
Map Location
Legend
Tie-in
Talbot Road Reinforcement Preliminary Preferred Route
Oak Street and Essex Road 33 Reinforcement Preliminary Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundary
Panhandle Regional Expansion Project
Talbot Road Reinforcement and Oak Street and Essex Road Reinforcement
AECOM
Figure 3


Wheatley Road Station
Tie-in to Windsor Line
Tilbury East Valve Site
Tie-in to existing NPS 6 distribution line
Lake Erie (lac Érie)
Map Location
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
AECOM
Figure 4

Line-item attachment 1.7

From: Lauren Whitwham
To: Cathleen O"Brien
Cc: Aamjiwnaang Environment; 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 .

If you have comments on the slides, please feel free to send them my way.

Thanks so much,
Lauren

Line-item attachment 1.7

From: Lauren Whitwham
To: Cathleen O"Brien
Cc: lrosales@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

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 months 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

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.

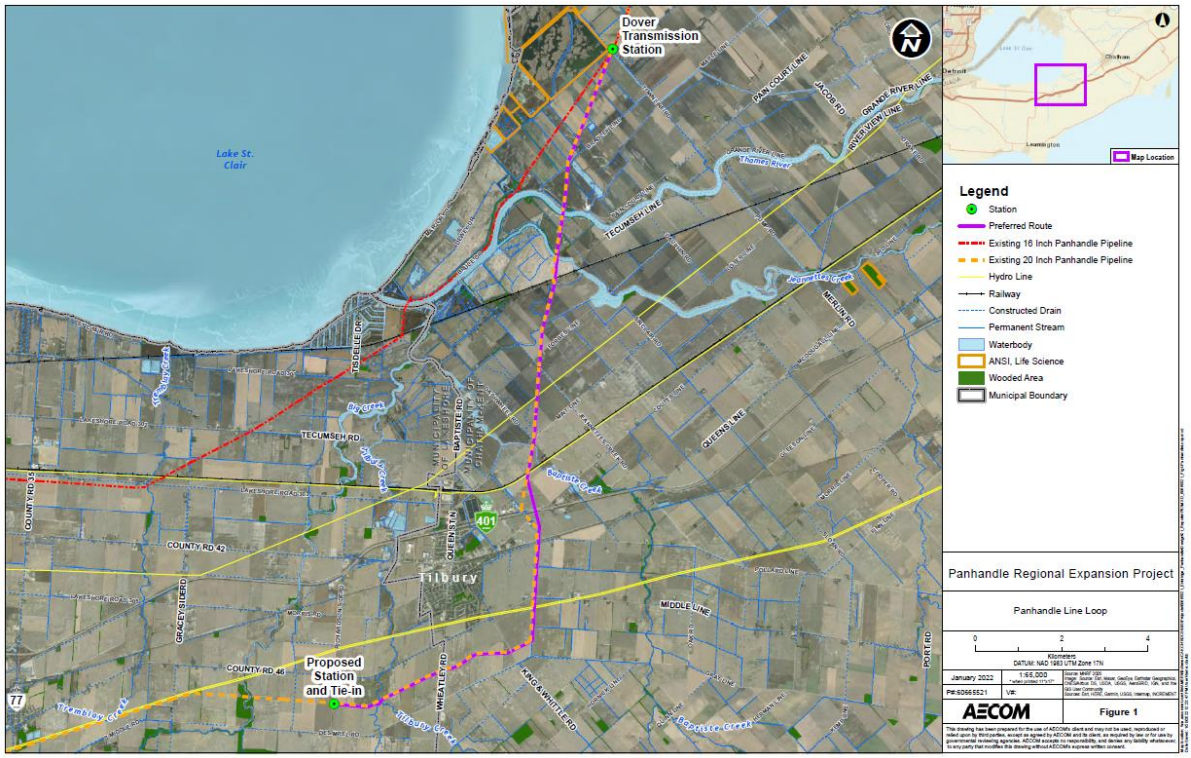
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

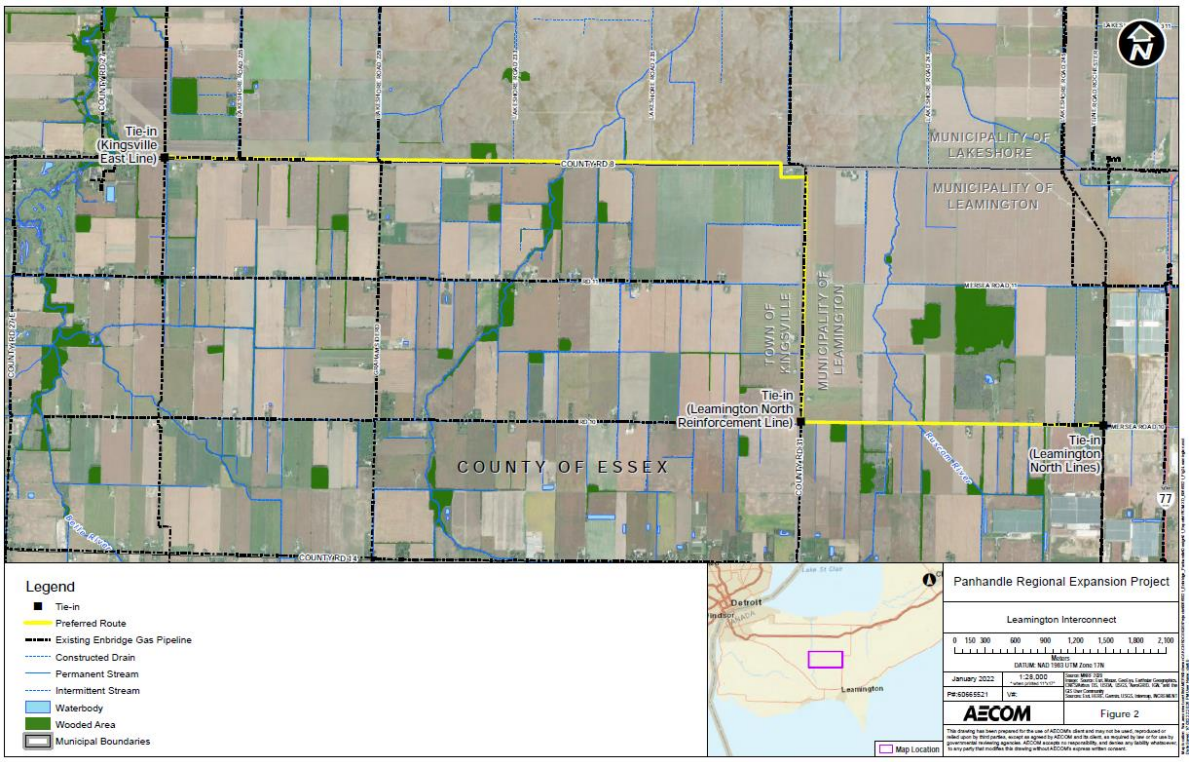
Sincerely,



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@aamjiwnaang.ca) – Aamjiwnaang First Nation


Dover Transmission Station
Lake St. Clair
Tilbury
Proposed Station and Tie-in
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
AECOM
Figure 1


Tie-in (Kingsville East Line)
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
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
AECOM
Figure 2

Line-item attachment 1.11

From: Lauren Whitwham
To: Cathleen O'Brien
Cc: lrosales@aamjiwnaang.ca; Aamjiwnaang Environment; Matt Stone
Subject: Enbridge Panhandle Project: Environmental Report ready
Date: Friday, April 29, 2022 10:11:38 AM

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

—

ENBRIDGE INC.
TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | lauren.whitwham@enbridge.com
109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect. Inclusion.

Line-item attachment 1.19

From: Lauren Whitwham
To: Cathleen O"Brien
Cc: lrosales@aamjiwnaang.ca; Aamjiwnaang Environment; Matt Stone
Subject: RE: Enbridge Panhandle Project: Environmental Report ready
Date: Friday, May 27, 2022 12:21:10 PM

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

Line-item attachment 1.23

From: Cathleen O"Brien
To: Lauren Whitwham
Cc: Matt Stone; Lynn Rosales
Subject: [External] AFN Panhandle project review document
Date: Monday, June 27, 2022 2:18:59 PM
Attachments: Enbridge Panhandle Regional Expansion Review - June 2022.pdf

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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.

Hi Lauren,

Please see the attached review completed by Vertex Professional Services on behalf of Aamjiwnaang First Nation. We look forward to discussing the next steps and the contents of the review with you. Please reach out if you have any questions or concerns.

Regards,

Cathleen O'Brien
Environmental Coordinator
Aamjiwnaang First Nation
978 Tashmoo Ave., Sarnia ON
N7T 7H5

22N - 02031

Environmental Report Review

Enbridge Panhandle Regional Expansion
Project Assessment

Prepared for:
Aamjiwnaang First Nation

Prepared by:
Vertex Professional Services Ltd.

Date:
June 2022

Environmental Report Review
Panhandle Regional Expansion Project

Prepared for:
Aamjiwnaang First Nation
978 Tashmoo Avenue
Sarnia, Ontario N7T 7H5

Prepared by:
Vertex Professional Services Ltd.
4240 Blackfoot Trail SE
Calgary, Alberta T2G 4E6

DRAFT

Abdi Kabadeh, M.Sc., PAg — June 10, 2022
SENIOR ENVIRONMENTAL & REGULATORY PLANNER, REPORTING — Date

Troy Whidden, Ph.D., P.Biol. — June 10, 2022
SENIOR ENVIRONMENTAL & REGULATORY PLANNER, REPORT REVIEW — Date

Executive Summary

Aamjiwnaang First Nation retained Vertex Professional Services Ltd. to review the Environmental Report (ER) prepared by Enbridge Gas for the Panhandle Regional Expansion Project (the "Project"). The Project involves the construction of:

- Panhandle Loop: approximately 19 km of new pipeline that 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 ER was completed in accordance with the Ontario Energy Board (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario* (Environmental Guideline; 2016).

To effectively assess the ER, a concordance table was developed to compare requirements of the OEB's Environmental Guideline (2016) against Enbridge's environmental report. Where requirements were met, the letter 'Y' was marked in the column under the heading 'meeting requirement', and the letter 'N' was marked when requirements were not met or information provided was not sufficient. Where the letter 'N' was marked, explanation was provided in the comment section of the concordance table.

Though the ER report satisfied the requirements of OEB's Environmental Guideline (2016) for comprehensive environmental reporting, there were areas of interest and concerns to Aamjiwnaang First Nation that were not adequately explained in the report or left out of the report altogether. These issues include the process used when assessing potential impacts associated with the Project and the effects it would have on the Indigenous community, ongoing indigenous engagement during the identification and assessment of sensitive environmental features including archaeological survey, surface and groundwater monitoring, evaluating impact to vegetation resources and species at risk. These issues are discussed in detail in this report.

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Table of Contents

1.0 Introduction 1
3.0 Scope of Work 1
4.0 Methods 1
5.0 Report Summary 2
5.1 Routing and Site Selection 2
5.2 Environmental and Socio-economic Features 2
5.3 Effects Identification, Assessment and Mitigation 2
5.3.1 Groundwater Resources 3
5.3.2 Aggregates and Petroleum Resources 3
5.3.3 Soil Resources 3
5.3.4 Agricultural Resources 3
5.3.5 Surface Water 4
5.3.6 Fish and Fish Habitat and Aquatic Species At Risk 4
5.3.7 Designated Natural Areas and Vegetation 4
5.3.8 Wildlife and Wildlife Habitat 5
5.3.9 Species At Risk 6
5.3.10 Indigenous Interests 6
5.3.11 Air Quality and Noise 7
5.3.12 Landfills and Contaminated Sites 7
5.3.13 Archaeological Resources 7
5.3.14 Cultural Heritage Resources 8
5.4 Cumulative Effects 8
5.5 Environmental Monitoring and Contingency Plans 9
6.0 Conclusions and Recommendations 9

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1.0 Introduction

Vertex Professional Services Ltd. was retained by Aamjiwnaang First Nation (the "Nation") to review the Environmental Report (ER) for the Panhandle Regional Expansion Project (the "Project"). The Project involves the construction of:

- Panhandle Loop: approximately 19 km of new pipeline that 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

To determine if the ER prepared for the Project met the requirement of Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario* (2016); in identifying, assessing, and developing mitigation measures to address potential environmental and socio-economic impacts associated with the Project.

An OEB Leave-to-Construct application and approval is a prerequisite for a pipeline project to proceed. The OEB is Ontario's independent regulator of the electricity and natural gas sectors whose role is to serve and protect the interest of the public. The application to OEB is required to include information about the proposed project such as environmental report and mitigation measures, facility alternatives, project design and construction, and consultation with Indigenous communities. The ER was evaluated based on the OEB's Environmental Guideline (2016).

3.0 Scope of Work

The following scope of work was established for the ER Review:

- Identify potential environmental impacts of the Project
- Develop mitigation and protective measures to avoid or minimize potential impacts
- Develop appropriate environmental inspection, monitoring, and follow-up
- Determine if the ER was prepared in accordance with OEB's Environmental Guideline (2016)

4.0 Methods

A Table of Concordance was developed to compare the OEB's Environmental Guideline (2016) requirements against the ER. Each section of the ER was reviewed and assessed for compliance with the OEB Environmental Guideline (2016) focusing on potential environmental impacts associated with the project and proposed mitigation measures.

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5.0 Report Summary

An OEB Leave-to-Construct application and approval is a requirement for any energy related project to proceed. The OEB is Ontario's independent regulator of the electricity and natural gas sectors who serves to protect the public interest. The application to the OEB must include information on the proposed project including environmental report and mitigation measures, facility alternatives, project design and construction, and consultation with Indigenous communities.

The ER was completed in accordance with the OEBs Environmental Guideline (2016).

5.1 Routing and Site Selection

The preferred routes were selected based on a five-step process. Three alternative routes were identified and evaluated for the Panhandle Loop pipeline and assessed for environmental and socio-economic impacts for each route. Alternative Route 1 was found to have the least impact on the environment and local communities. Alternative Routes 2 and 3 were also evaluated and found to have significant environmental impacts mainly because both alternatives would require new easements along the pipelines, which would impact existing land use and cause new challenges to the environment and socio-economic of the region. These challenges include the requirement of new easements that would impact existing land use, limited space for the installation of the 36-inch line, restrictions due to existing infrastructure crossings (e.g., hydro transmission lines, wind farms collections lines, Highway corridor, and railroad crossing).

A preliminary preferred route and alternative routes were identified and evaluated for the Leamington Interconnect pipeline. After evaluating all three routes for their potential environmental and socio-economic impact, the preliminary preferred route was determined to have the least environmental impact, primarily because this route runs parallel to existing road allowances and utilities and has the least direct impact to homes, utilities, and roads.

5.2 Environmental and Socio-economic Features

To identify the environmental and socio-economic features that affect the identification and evaluation of alternative routes, AECOM completed a background review of physical, biophysical, and socio-economic features using secondary sources from municipal, provincial, and federal government plans, data and reports. From this, a description of relevant environmental and socio-economic features relevant to the evaluation of alternative routes was prepared.

5.3 Effects Identification, Assessment and Mitigation

To effectively identify and assess the potential effects of the project on the physical, biophysical, and socio-economic features of the proposed study area, the following five measures were considered:

- Comments received through the consultation program
- Information available from published and unpublished sources
- Maps and digital data
- Mitigation guidance documents

- Experience in pipeline development for both Enbridge Gas and AECOM

AECOM has extensive experience in providing environmental services for natural gas pipelines within the proposed project site and is familiar with the ecology and environmental features of the area. Site-specific field surveys and assessment of the Project site were recommended for environmentally sensitive areas prior to construction.

5.3.1 Groundwater Resources

Hydrostatic testing and dewatering activities during construction have the potential to cause negative impact on groundwater quality. However, if recommended mitigation measures are successfully implemented, significant adverse effect on groundwater can be avoided. Recommended mitigation measures included retaining an independent hydrogeologist to assess impact on groundwater quality, implement a well monitoring plan during construction, obtaining dewatering permits including allowable discharge and withdrawal volume and implementing an associated water quality monitoring plan, and regular monitoring during discharge activities to ensure no sediment laden is discharged to watercourse or other sensitive environment.

5.3.2 Aggregates and Petroleum Resources

Proposed project study area for both the Panhandle Loop and Leamington Interconnect parallels an existing natural gas pipeline corridor; therefore, no impact to natural features was anticipated. Though no evidence of aggregates or petroleum resources was found at the proposed project area, Enbridge Gas is committed to review all available mapping of the area to determine potential locations of petroleum resources. Enbridge Gas shall also conduct utility sweeps prior to construction to identify existing/abandoned infrastructure or potential contaminated sediment along the Panhandle Loop.

5.3.3 Soil Resources

Potential impact to soil resources during the construction and operation of the project include reduction in soil capacity, reduction in soil thickness, change in soil distribution, and changes to subface and subsurface drainage patterns. Elements that could attribute to soil loss include erosion, accidental contaminant spill and mechanical impact such as from mixing, compaction, and rutting activities. Changes in topography cause change in surface and subsurface drainage patterns. Once the thickness of soil is compromised, distribution of soil through wind or water erosion is increased. No significant adverse effects on soil resources are anticipated with the successful implementation of the mitigation measures described.

5.3.4 Agricultural Resources

Damaged or severed tile drainage and the potential spread of soybean cyst nematode (SCN) could pose negative impact on agricultural fields. To minimize impact on the agricultural resources, Enbridge Gas shall consult with landowners of agricultural field to identify potential tide drainage and implement remedial action plan if drainage is found to be present. Recommended control measures include retaining independent tide contractor to develop site specific remediation plans during construction and having landowners to inspect and approve repairs once completed but before area is backfilled.

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Enbridge Gas will ask landowners of agriculture fields if they want to sample the soil for SCN present and if they agree, soil samples will be taken from proposed project area on agricultural crop land and tested for SCN. If the test result proves positive for SCN present in the field, affected landowners will be consulted and mitigation measures implemented. Recommended mitigation measures include:

- Limiting construction activities to non-agricultural areas when feasible
- Avoiding cross contamination of SCN by cleaning equipment and material used for working in areas identified as having SCN before moving to an area that has not been affected
- Any imported topsoil will be tested for SCN before using it on the project

5.3.5 Surface Water

Sediment erosion could have a negative impact on surface water quality. Erosion of soil into watercourses could be caused by stormwater runoff, dewatering discharge and equipment use. The potential for spills and flood events leading to soil erosion, sedimentation and contamination of water quality is predicted and mitigation measures developed. The likelihood of a flooding event happening during project construction is minimal considering the construction phase of the project is scheduled to take place outside of the spring thaw.

5.3.6 Fish and Fish Habitat and Aquatic Species At Risk

Potential impacts to fish and fish habitat caused by the Project include temporary and permanent loss of fish habitat, including other biotic habitat such as invertebrates, and fish mortality risk. Sediment and erosion control measures must be in place and upgraded and maintained, such that release of sediment is managed at the location of the activity in accordance with the following conditions:

- The generation of sediment-laden or turbid water as a result of activities must not result in serous harm to fish
- Infill placement will be sequenced from shore and compacted to limit erosion during tide cycles
- An erosion and sediment control plan will be developed as a component of the Construction Environmental Management Plan and shall be implemented, monitored, and maintained during any work activities related to the project

A Fisheries and Oceans Canada permit must be obtained for any in-water works and follow recommendations provided in the permit including waterbody crossing techniques. Recommendations on minimizing adverse effects caused by the Project on fish and fish habitat and aquatic species at risk (SAR) including a fish and wildlife rescue plan, erosion and sediment control plan, and riparian vegetation removal plan must be successfully implemented to minimize the potential for fish mortality or harm, alteration, disruption, or destruction of fish habitat.

5.3.7 Designated Natural Areas and Vegetation

Site preparation activities including vegetation clearing and site grading, excavation and soil removal and stockpiling all have the potential to cause negative impacts on vegetation and the ecological communities. Large vegetation clearing or grubbing is not expected to take place on the Project, but routine maintenance activities involving removal of vegetation through means of mowing and mechanical trimming of previously disturbed areas is expected.

As such, no significant impact to vegetation or the ecological community is expected when recommended mitigation measures are successfully implemented.

This topic is very sensitive to the Nation and, therefore, Vertex recommends that Enbridge develop a Vegetation Management Plan to identify potential impacts to vegetation that may result from the Project, and outline mitigation measures to prevent adverse environmental effects to terrestrial ecosystems over both the short and long term. The Vegetation Management Plan should aim to ensure that no adverse impacts to at-risk plant species (e.g., American Chestnut, Ogden's Pondweed, Gillman's Goldenrod, Colicroot and Black Ash) and to other ecosystems outside the Project footprint.

Care must be taken to prevent the introduction of invasive species on to the worksite. The area must be surveyed to identify invasive species present prior to and throughout the construction phase of the Project. All temporary stockpiles should be immediately covered with tarping, matting and/or vegetation to prevent erosion and establishment of invasive plants. Care should be taken to ensure topsoil and other material brought to site are free of invasive species and their propagules i.e., seeds.

Other recommendations proposed by Enbridge including obtaining appropriate permits and limiting vegetation removal to the extent possible should also be implemented.

5.3.8 Wildlife and Wildlife Habitat

The assessment of wildlife and wildlife habitat was a desktop exercise and preliminary field investigation; however, details surrounding any field investigations specific to wildlife (and SAR) are not apparent in the ER.

As outlined in the OEB Environmental Guidelines (2016), the Project route should avoid existing deer winter concentration areas, moose late winter habitat, provincially and locally significant wetland areas, traditional plant use areas, critical habitat for fur-bearing animals (e.g., dens), moose aquatic feeding areas, known raptor nesting sites and rare, vulnerable, and endangered species or locally significant species (e.g., trumpeter swans, great grey owls). Th ER does not appear to outline whether these areas and features will be avoided, or if they cannot be avoided, site-specific mitigation is not provided (beyond general mitigation provided in Table 5-9 of the ER). Given that no field investigations appear to have been completed in support of the ER (e.g., to identify any specific wildlife features or wildlife habitat), potential impacts to wildlife and wildlife habitat are uncertain.

The OEB Environmental Guidelines (2016) indicate that the effects of altering wildlife corridors and habitat fragmentation should be addressed in any ER. While the ER considers, in a general way, the potential effects to wildlife include loss and/or degradation of wildlife habitat and mortality, harm and/or disturbance/displacement of wildlife, wildlife corridors and habitat fragmentation are not specifically addressed.

Vertex recommends that the Nation be involved in future field study investigations that may have wildlife and/or wildlife habitat concerns where site-specific migration or monitoring may be required. Also, if there are existing preliminary field investigation studies of wildlife and wildlife habitat within the proposed project area, they should be available to the Nation.

5.3.9 Species at Risk

Species at risk are not specifically addressed in the OEB Environmental Guidelines (2016), other than being mentioned in the context of watercourse sensitivity. Regardless, the ER considers an assessment of potential Project effects to SAR (primarily wildlife SAR). The assessment of SAR in the ER was a desktop exercise. Site investigations are planned for 2022, with site-specific mitigation to be developed for any wildlife SAR. Given that no field investigations appear to have been completed in support of the ER (e.g., to identify any specific SAR or SAR habitat), potential impacts to SAR are uncertain.

A review of SAR records as presented in the ER indicated that there was the potential for 22 SAR to occur within the vicinity of the project; a further screening exercise indicated that habitat for 12 of these species exists in the vicinity of the Project. To assess the potential effects on these SAR, additional studies including ecological land classification, botanical inventories and bat acoustic surveys are planned for 2022. Given that 10 of the 22 SAR identified are birds, it is not apparent whether breeding bird surveys will be completed to support the SAR assessment, although it is reported in the ER that field investigations in 2022 will identify bank swallow (a SAR) nesting habitat.

We recommend that the Nation be involved in future preliminary field investigations and any existing recent field survey studies that may have SAR concerns where site-specific mitigation or monitoring may be required be made available to them.

5.3.10 Indigenous Interests

The OEB Environmental Guidelines (2016) defer to Section 35 of The Constitution Act (1982) and outline the Crown's duty to consult when the Crown contemplates an action that may have an adverse effect on treaty rights. Further, the OEB Environmental Guidelines (2016) confirm that certain procedural aspects of the duty to consult may be delegated to project proponents. A Letter of Delegation was issued by the Ontario Ministry of Energy in August 2021, delegating the duty to consult with specific Indigenous Nations including Aamjiwnaang First Nation. The roles and responsibilities delegated to the proponent were included in the Letter of Delegation.

An Indigenous Engagement Log was included as an appendix to the environmental report for the project. A review of the Log finds that the proponent did provide notice and information about the project including a Project Notification Letter and maps of the Project and notice that capacity funding was available to support consultation activities. Additional engagement activities included follow up project updates and invitations to participate in project virtual open-house events.

The Letter of Delegation also outlines a requirement to gather information about how the Project may affect treaty rights, and a requirement to consider and respond to comments and concerns raised by Indigenous communities. Further, the proponent is required to discuss and consider (as appropriate) changes to the Project resulting from Indigenous concerns and to inform Indigenous communities about how their concerns were taken into consideration. While the Project's Indigenous Engagement Log demonstrates active engagement between the proponent and Aamjiwnaang First Nation during the Project information phase, the environmental report does not demonstrate how Indigenous concerns were considered, or how treaty rights were considered, during the effects assessment.

The effects assessment on Indigenous Interests identifies two potential effects:

- Effects to traditional Indigenous territories, communities and practices
- Disturbance to Indigenous artifacts

The effect of Disturbance to Indigenous artifacts is proposed to be mitigated by the undertaking of a Stage 2 archaeological assessment, in which Indigenous communities have been invited to participate. Mitigations for Effects to traditional Indigenous territories, communities and practices are not proposed in the effects assessment; however, the environmental report concludes that by undertaking engagement activities and archaeological assessments, that "no significant adverse residual effects on Indigenous interests are anticipated".

The effects assessment notes that the proponent is continuing to engage with Indigenous communities as the project moves forward. As such, Aamjiwnaang First Nation is best able to confirm if consultation activities have been ongoing, and to provide commentary relative to the adequacy of those consultation activities.

5.3.11 Air Quality and Noise

High levels of environmental noise and vibrations can affect people by impairing their enjoyment of using the land. They can also affect wildlife, causing changes in behavior or avoidance of affected areas, for at least temporary periods of time. However, the site is in a largely industrial area and, as such, no significant noise is expected to be generated from this project. Air quality and dust related issues are also expected to be minimal even though there is the potential for dust generation due to exposed aggregate materials. If the recommended controls are implemented, these nuisances could be reduced to insignificant.

5.3.12 Landfills and Contaminated Sites

Soil contamination could occur during construction because of improper waste disposal, and accidental spills. It is also common to uncover contaminated soils during excavation. Contaminated soil could lead to potentially contaminating groundwater if not managed properly. Improper storage, use and handling of hazardous materials and construction waste could pose threat to wildlife, human health, and safety.

A Waste Management Plan for the collection, storage, labeling, and disposal of waste material should be developed prior to the execution of the Project. The waste management plan should also cover disposal of excess soil and management of contaminated soil.

5.3.13 Archaeological Resources

As per the OEB Environmental Guidelines (2016), the Ontario Heritage Act provides for the conservation, protection and preservation of the heritage of Ontario. As per the Act, the OEB Environmental Guidelines (2016) require that an archaeological assessment must be conducted for every project, by a licensed archaeology consultant. A staged approach to the assessment for each project has been recognized as the most effective approach.

An archaeological assessment was conducted for the Project, as per the Stage 1 Environmental Guidelines (2016). The Stage 1 assessment consists of a record review of previously recorded archaeological sites, a terrain analysis of

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the Project area and a field examination of the study area. If archaeological sites or areas with potential to contain archaeological sites are identified in the Stage 1 assessment, a more detailed Stage 2 assessment may be required. The Stage 1 assessment conducted for the Project determined that the potential for the recovery of pre and post-contact First Nation and 19th century Euro-Canadian archaeological resources within the study area is high, in areas not previously disturbed. Areas of archaeological potential were mapped in the Stage 1 assessment and were recommended for Stage 2 assessment. The Stage 1 assessment met the requirements of the OEB Environmental Guidelines (2016).

5.3.14 Cultural Heritage Resources

As per the OEB Environmental Guidelines (2016), the Ontario Heritage Act provides for the conservation, protection and preservation of the heritage of Ontario. Pipeline proponents are required to demonstrate diligence in the assessment of potential impacts to Cultural Heritage Resources by:

- Recognizing cultural heritage resources that may be affected by pipeline development, identifying significant cultural heritage resources and understanding their cultural heritage value or interest
- Assessing the effects or impacts that could result from proposed pipeline development
- Protecting cultural heritage resources by appropriate conservation, avoidance, and mitigation

Cultural heritage resources are identified as either built heritage resources or cultural heritage landscapes. To identify cultural heritage resources, several steps were undertaken including reviews of historical and topographical maps and online municipal heritage registers, stakeholder consultation and a detailed search of 11 online databases and a field assessment. The review resulted in the identification of one Built heritage resource and two cultural heritage landscapes in proximity to the Project. Recommendations were made to mitigate potential impacts to those cultural heritage resources. The cultural heritage resources assessment conducted for the Project met the requirements of the OEB Environmental Guidelines (2016).

5.4 Cumulative Effects

The OEB Environmental Guidelines (2016) recognizes that environmental effects from multiple existing or approved projects can interact and combine with each other over time and space. While individually, projects may produce effects that are determined to be insignificant, when combined with effects from other projects they may become more important. In the ER, cumulative effects were assessed qualitatively (i.e., not measured, or quantified), which is permissible under the OEB Environmental Guidelines (2016).

The potential cumulative effects of the Project were assessed by considering development that had a high probability of proceeding just before or concurrent with the construction of the Project. While the cumulative effects assessment conducted for the Project appears to meet the requirements of the OEB Environmental Guidelines (2016), the following may be considered gaps or shortcomings associated with the assessment:

- Aquatics (groundwater, surface water, fish and fish habitat) do not appear to have been considered in the cumulative effects assessment
- Socio-economic effects do not appear to have been considered in the cumulative effects assessment

- Cumulative effects are predicted to be not significant or not expected for soil, vegetation, wildlife and wildlife habitat, and air quality and noise. The primary rationale provided to support this conclusion is that mitigation measures will avoid or minimize any potential effects to these receptors. However, it is not clear how the successful implementation of the proposed mitigation measures will be monitored or assessed during and after Project construction as no specific monitoring or contingency plans are provided in the ER

5.5 Environmental Monitoring and Contingency Plans

As outlined in the OEB Environmental Guidelines (2016) it is expected that commitments made in the ER will be adhered to by the applicant/development proponent. Conditions of approval include, in part, that post-construction interim and final monitoring reports will be filed with the OEB. These monitoring reports are not necessarily compendiums of detailed monitoring programs or quantitative data but rather compilations of what was observed by environmental inspectors on-site during construction (and possibly how any challenges were rectified or fixed). The OEB generally receives the interim monitoring report 6 months after final tie-ins are completed; the final monitoring report is prepared prior to November 1 after the first full growing season following construction.

In some situations, the OEB may require specific monitoring programs to determine potential adverse impacts to sensitive locations or environmental features. No specific monitoring programs (other than general inspections of construction activities and water wells) appear to be planned at this time. However, given that no field studies were completed in support of the ER (e.g., vegetation, wildlife) the specific location of any sensitive environmental features has yet to be determined. Presumably, alignment sheets with any such features will be developed prior to construction and be used to develop any environmental monitoring programs, if required.

Recommendations and commitments made in the ER and other permits and reports are to be incorporated into and Environmental Protection Plan (EPP) that will detail construction activity and include site and feature-specific mitigation. The ER report does touch on what will be monitored by environmental inspectors; this includes sediment erosion and slope stability, watercourse crossings, vegetation, wildlife, species at risk, cultural and heritage resources, and stakeholder relations. Specific methods or plans are not provided in the ER and will presumably be components of the EPP.

We recommend that the Nation be involved in the development of the Construction Environmental Management Plan and that their comments and input are considered. The Nation should also be involved in future field studies in determining sensitive environmental locations or features that may require ongoing monitoring.

6.0 Conclusions and Recommendations

While the ER generally aligned with OEB's Environmental Guideline (2016) for energy project applications submitted to the OEB for approval, there are several instances where Vertex provided recommendations surrounding the ER which we understand to be important to the Nation. Certain recommendations are also based on discussions with nation representatives in the context of the proposed Project and ER. These include the following:

- While the Projects Indigenous Engagement Log demonstrates active engagement between the proponent and the Nation during the Project information phase, the ER does not demonstrate how Indigenous

DRAFT

concerns were considered, or how treaty rights were considered during the effects assessment. Mitigations for effects to traditional Indigenous territories, communities and practices are not proposed in the effects assessment.

- Vegetation clearing and disruption of traditionally significant species is of concern to the Nation. As such, limiting vegetation removal to the extent possible and implementing invasive species management is important. We recommend that the Nation be involved in the planning and procurement of native species where opportunities exist for seeding and restoration of cleared vegetations. Also, consideration should be given to promote the Nation's greenhouse for vegetation restoration initiatives.

- Measures and standards to avoid and mitigate impacts to fish and fish habitat including impacts to aquatic species at risk must include always having a qualified environmental professional on site during any works or activities below the high-water mark to verify that measures and standards to avoid and mitigate impacts to fish and fish habitat are effective. The authorized project footprint must be monitored for pools of standing water and stranded or trapped fish within those pools. This monitoring must be conducted anytime that there is a potential for pools of standing water, including times when work activities are not taking place. Using appropriate gear, timing, and salvage techniques, a qualified environmental professional shall capture and relocate fish and invertebrates salvaged.

- A spill prevention and emergency response plan must be developed to minimize potential for environmental incidents and to provide guidance for responding to situations that pose imminent threat to the environment. The measures contained in the plan will minimize adverse effects to terrestrial and aquatic environments and improve the safety of the workers and public. Contamination of land and/or water from spills can result in pollution of soil and groundwater, which could be lethal to aquatic and terrestrial wildlife. Given the importance of surface water to the Nation, we recommend that the Nation be involved in the development of the plan and their endorsement be sought before finalizing the plan. If these measures are implemented in addition to Enbridge's recommended mitigation measures, impact to surface water will be reduced to non-significant.

- Surface and groundwater are important to the Nation. As such, we recommend that the Nation be given the opportunity to review and comment on all in-water work plans, erosion and sediment control plan, and emergency spill prevention and response plan before construction.

- The Nation should be consulted on timing and completion of the Stage 2 archaeological assessment for artifacts. There is concern that anything found of archaeological significance has not been provided to the Nation as it was collected by Six Nations and not provided specifically to the Aamjiwnaang First Nation.

- The Nation should seek or request opportunities for local business and community members to participate in the Project where practicable. Trainings and workshops could be made available to the Nation so they can qualify for higher paying technical positions.

- Territorial lands have not been as well studied as Reserve lands with respect to Traditional Land Use or Traditional Knowledge. The capacity of the Nation to extend beyond the boundaries of the reserve to assess potential Project impacts to their territorial lands is required.

- The Nation should be involved in future field study investigations that may have wildlife and/or wildlife habitat concerns where site-specific migration or monitoring may be required. Also, if there are existing preliminary field investigation studies of wildlife and wildlife habitat within the proposed project area, they should be available to the Nation.

- The Nation should be involved in future preliminary field investigations and any existing recent field survey studies that may have SAR concerns where site-specific mitigation or monitoring may be required be made available to them. Certain species at risk (e.g., Butler's Garter Snake) have been downgraded from endangered to threatened, which has removed engagement opportunities for the Nation.

- Details on the assessment of potential effects to wildlife corridors and habitat fragmentation should be included in the ER.

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Environmental Report (ER) for Panhandle Regional Expansion Project						
No.	Environmental and Socio-economic Element	OEB	ER	Meet Requirement (Y/N)	Not meeting requirement/why	Comment/SIR
Routing and Site Selection	**Routing and Site Selection**	4	2			
	The Process	4.1, 4.2, 4.3	2.1	Y		
	Steps 1 to 3: Routing Parameters, Alternatives and Evaluation	4.2.1, 4.2.2, 4.2.3	2.2	Y		
	Panhandle Loop		2.2.1			
	Step 1: Development Routing Parameters	4.2.1	2.2.1.1	Y		
	Step 2: Identify Alternative Routes in the Route Alternative Study Area	4.2.1, 4.2.2	2.2.1.2	Y		
	Step 3: Route Evaluation	4.2.2	2.2.1.3	Y		
	Leamington Interconnect		2.2.2			
	Step 1: Development Routing Parameters	4.2.1	2.2.2.1	Y		
	Step 2: Identify Alternative Routes in the Route Alternative Study Area	4.2.1, 4.2.2, 4.2.3	2.2.2.2	Y		
	Step 3: Route Evaluation	4.4.2	2.2.2.3	Y		
	Step 4: Input on the Preliminary Preferred and Alternative Routes	4.2.1, 4.2.2, 4.2.3	2.3	Y		
	Step 5: Confirmation on the Preferred Routes		2.4	Y		
Effects Identification, Assessment and Mitigation	**Effects Identification, Assessment and Mitigation**		5			
	Methodology	4.3.2, 4.3.3	5.1	Y		
	Project Activities	5.8.4	5.2	Y		
	Construction	5.8.4	5.2.1	Y		
	Operation and Maintenance	5.8.4	5.2.2	Y		
	Potential Effects	4.3	5.3	Y		
	Physical Features	4.2.3	5.3.1	Y		
	Geological Resources	4.2.1	5.3.1.1	Y		
	Groundwater Resources	4.3.11	5.3.1.2	Y		
	Aggregates and Petroleum Resources	5.9.3	5.3.1.3	Y		
	Soil Resources	5.5.1	5.3.1.4	Y		
	Agricultural Resources		5.3.1.5	Y		
	Biophysical Features	4.2	5.3.2			
	Surface Water	4.3.7	5.3.2.1	Y		
	Fish and Fish Habitat and Aquatic SAR	4.3.7	5.3.2.2	Y		
	Designated Natural Areas and Vegetation	5.6	5.3.2.3	Y		
	Wildlife and Wildlife Habitat	4.36, 5.6	4.33, 5.3.2.4	N	•No site-specific mitigation for areas that should be avoided (no field studies completed). •No assessment of potential effects to wildlife corridors and habitat fragmentation.	In the context of wildlife and wildlife habitat, the AFN may want to consider the following: •Request details surrounding preliminary field investigations, involvement in any 2022 field studies, and a summary of specific sites that may have wildlife and/or wildlife habitat concerns where site-specific mitigation or monitoring may be required. •An apparent lack of any assessment of potential effects to wildlife corridors and habitat fragmentation.
	Species and Risk	N/A	4.3.3.2, 5.3.2.5, Appendix D	N/A	•Locations for any SAR or SAR habitats not apparent. •No site-specific SAR mitigation provided.	In the context of SAR, the AFN may want to consider the following: •Request details surrounding preliminary field investigations, involvement in any 2022 field studies, and a summary of specific sites that may have SAR concerns where site-specific mitigation or monitoring may be required.
	Socio-Economic Environment	5.2	5.3.3	Y		
	Indigenous Interests	5.3	5.3.3.1	N	Impact on traditional indigenous territories, communities, and practices is not assessed.	The ER does not explain how indigenous concerns were considered during the effect assessment.
	Demographics	5.3	5.3.3.2	Y		
	Employment	5.3	5.3.3.3	Y		
	Community Services and Infrastructure	5.2	5.3.3.4	Y		
	Culture, Tourism and Recreational Facilities	5.2	5.3.3.5	Y		
	Air Quality and Noise	5.8.2, 5.8.3	5.3.3.6	Y		
	Land Use	5.4	5.3.3.7	Y		
	Landfill and Contaminated Sites		5.3.3.8	Y		
	Archaeological Resources	5.3	5.3.3.9	Y		
	Cultural Heritage Resources	5.3	5.3.3.10	Y		

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Updated: 2023-06-16, EB-2022-0157, Exhibit H, Tab 1, Schedule 1, Attachment 7, Page 95 of 328

Environmental Report (ER) for Panhandle Regional Expansion Project						
No.	Environmental and Socio-economic Element	OEB	ER	Meet Requirement (Y/N)	Not meeting requirement/why	Comment/SIR
Effects Identification, Assessment and Mitigation	Cumulative Effects Assessment	4.3.14	6	Y		•Aquatics (groundwater, surface water, fish and fish habitat) do not appear to have been considered in the cumulative effects assessment. •Socio-economic effects do not appear to have been considered in the cumulative effects assessment. •Cumulative effects are predicted to be not significant or not expected for soil, vegetation, wildlife and wildlife habitat, and air quality and noise. The primary rationale provided to support this conclusion is that mitigation measures will avoid or minimize any potential effects to these receptors. However, it is not clear how the successful implementation of the proposed mitigation measures will be monitored or assessed during and after Project construction as no specific monitoring or contingency plans are provided in the ER.
	Environmenal Monitoring and Contingency Plans	6	7	Y		The AFN may want to consider the following: •Request to be informed or involved in any 2022 field studies in determining sensitive environmental locations or features that may require monitoring. •Request to be involved in the development of the Project EPP. •Request regular updates of any environmental inspections during and after construction. •Request to be immediately informed of any undocumented archaeological or heritage resource discoveries.

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Updated: 2023-06-16, EB-2022-0157, Exhibit H, Tab 1, Schedule 1, Attachment 7, Page 96 of 328

Line-item attachment 1.26

From: Lauren Whitwham
To: Cathleen O"Brien; lrosales@aamjiwnaang.ca
Cc: Evan Tomek
Subject: Panhandle ER responses and Field Result Memo
Date: Thursday, September 8, 2022 10:38:11 AM
Attachments: AFN Panhandle ER response Sept 8.pdf
M_2022-08-08_Panhandle_AFN Field Results Memo_KE.pdf

Good morning Cathleen,

Thank you for your patience in regards to the Panhandle environmental report response comments.

We would be happy to meet with AFN and Vertex to discuss the responses, once you have reviewed, and steps forward. As per the responses, I will be sending an email with the Generic Sediment Control Plans for Dam & Pump, HDD, and Temporary Vehicle Crossings.

I've also included the Field Results Memo provided by Aecon.

Please let me know if you have any questions or could like to meet to discuss further.

Thanks and take care,
Lauren

Response to Aamjiwnaang First Nation (AFN) comments received June 27, 2022 re: Environmental Report on the Panhandle Regional Expansion Project ("Project")				
No.	Section	Comment	Recommendation	Enbridge Gas Response
1.	4.33, 5.3.2.4 (Wildlife and Wildlife Habitat)	In the context of wildlife and wildlife habitat, the AFN may want to consider the following: • Request details surrounding preliminary field investigations, involvement in any 2022 field studies, and a summary of specific sites that may have wildlife and/or wildlife habitat concerns where site-specific mitigation or monitoring may be required. • An apparent lack of any assessment of potential effects to wildlife corridors and habitat fragmentation.		To assess the potential effects of the project on the identified Species at Risk (SAR) species, ecological land classification, botanical inventories, and bat acoustic monitoring surveys were conducted in 2022. Field surveys were undertaken in 2022 in order to further understand the project challenges and opportunities towards wildlife and wildlife habitat and to further refine mitigation and preventative measures. Prior to the investigations, AFN was invited to participate in the 2022 field program. At this time, there are no additional wildlife and wildlife habitat investigations proposed. However, AFN will be provided with a report summarizing the field survey findings and recommendations. As stated in Section 4.3.3.1 of the Environmental Report (ER), the majority of the study area is composed of agricultural fields with natural areas largely limited to hedgerows or narrow strips of woodlots and riparian areas of agricultural drains. Additionally, both pipelines parallel or follow existing infrastructure (roads, existing pipeline easements), limiting new effects to undisturbed lands. Mitigation measures, including a tree planting program, as summarized in ER Appendix G, will be employed to limit effects to SAR and Significant Wildlife Habitat (SWH). Through these measures no significant project impacts, including habitat fragmentation, are anticipated.
2.	4.3.3.2, 5.3.2.5, Appendix D (Species and Risk)	In the context of SAR, the AFN may want to consider the following: • Request details surrounding preliminary field investigations, involvement in any 2022 field studies, and a summary of specific sites that may have SAR concerns where site-specific mitigation or monitoring may be required		To assess the potential effects of the project on the identified SAR species, ecological land classification, botanical inventories, and bat acoustic monitoring surveys were conducted in 2022. Enbridge Gas has offered AFN the opportunity to participate in the field program and has committed to providing AFN a report summarizing the SAR field survey findings.
3.	5.3.3.1 (Indigenous Interests)	The ER does not explain how indigenous concerns were considered during the effect assessment.		Consultation, including Indigenous Engagement, is detailed in Section 3 and Appendix B of the ER. Potential project effects from construction and operation on Indigenous interests were considered and addressed, through proposed mitigation measures, by Enbridge Gas in Section 5.3.3.1 Additionally, through this ER review process Enbridge Gas will address any specific Indigenous concerns.
4.	6 (Cumulative Effects Assessment)	• Aquatics (groundwater, surface water, fish and fish habitat) do not appear to have been considered in the cumulative effects assessment. • Socio-economic effects do not appear to have been considered in the cumulative effects assessment. • Cumulative effects are predicted to be not significant or not expected for soil, vegetation, wildlife and wildlife habitat, and air quality and noise. The primary rationale provided to support this conclusion is that mitigation measures will avoid or minimize any potential effects to these receptors. However, it is not clear how the successful implementation of the proposed mitigation measures will be monitored or assessed during and after Project construction as no specific monitoring or contingency plans are provided in the ER		The cumulative effects assessment was completed in accordance with the Ontario Energy Board (OEB) Environmental Guidelines. Enbridge Gas reviewed publicly available information on current and planned projects in the area, then considered the effects that are additive or interact with the effects that have already been identified as resulting from the pipeline construction. The cumulative effects assessment identified potential additive effects on soil, vegetation, wildlife and wildlife habitat, air quality and the acoustic environment. Enbridge Gas determined that, provided the mitigation and protective measures outlined in the ER are implemented and that concurrent projects implement similar mitigation and protective measures, potential cumulative effects are not anticipated to occur, or if they do occur, they are not anticipated to be significant. A full-time Environmental Inspector will be on-site for the duration of the project to assess the effectiveness of mitigation measures and implement adaptive management should mitigation measures be limited in effectiveness. The

				pipeline corridor will be monitored following construction to ensure the effectiveness of mitigation measures.
5.	7 (Environmental Monitoring and Contingency Plans)	The AFN may want to consider the following: • Request to be informed or involved in any 2022 field studies in determining sensitive environmental locations or features that may require monitoring. • Request to be involved in the development of the Project EPP. • Request regular updates of any environmental inspections during and after construction. • Request to be immediately informed of any undocumented archaeological or heritage resource discoveries.		Enbridge Gas has committed to 2022 field studies and AFN has been participating in these studies. Enbridge Gas has also committed to providing AFN with a report summarizing field study findings. Enbridge Gas is open to continue working with AFN moving forward.
6.		While the Projects Indigenous Engagement Log Demonstrates active engagement between the proponent and the Nation during the Project information phase, the ER does not demonstrate how Indigenous concerns were considered, or how treaty rights were considered during the effects assessment. Mitigations for effects to traditional Indigenous territories, communities and practices are not proposed in the effects assessment.		Section 5.3.3.1 of the ER considers potential impacts and mitigation measures for Indigenous interests. Additionally, through this ER review process Enbridge Gas will address any specific Indigenous concerns. A summary of feedback from the First Nations is provided with the Project application for OEB approval. These can be found in H1-1 Attachment 6 and 7 of the OEB filing.
7.		Vegetation clearing and disruption of traditionally significant species is of concern to the Nation. As such, limiting vegetation removal to the extent possible and implementing invasive species management is important. We recommend that the Nation be involved in the planning and procurement of native species where opportunities exist for seeding and restoration of cleared vegetations. Also, consideration should	Enbridge must be providing specific details about what actions they plan to undertake to offset forest/woodland habitat loss and forest/woodland fragmentation associated with this project.	Section 2 of the ER notes the route selection process that was followed for the Project. The route selection process examined route alternatives and chose the most preferred route based on avoidance of socio-economic and environmental features. Based on this process, the majority of the preferred route resides in agricultural land with minimal disturbance to vegetation and woodland.
		be given to promote the Nation's greenhouse for vegetation restoration initiatives.	Enbridge must commit to consulting with AFN on the offsetting measurers. AFN expects that these measurers will include: • Offsetting the fragmentation and loss of forests/woodlots by creating more forest habitat within the local landscape at a minimum of a 3:1 ratio; • Prioritizing forest habitat offsetting measurers to expand existing forests/woodlands and to maintain or build habitat connectivity within the local landscape; • Prioritize planting native plant species and consulting with AFN to ensure that plant species of importance are included in the plantings; • Undertake follow-up monitoring for a minimum of 5 years	In addition, Enbridge Gas is committed to implementing a tree replacement program that replants woodland removed with seedlings of native species that are guaranteed until they reach free to grow status. This program was planned at a ratio of 2:1 for the woodland areas removed and will now be increased to 3:1 (trees to be replaced on a 3:1 area basis at 1000 tree seedlings per acre) in response to the Indigenous consultation process. Directly impacted landowners are given first right of refusal for the tree planting under this program. If landowners are not interested in planting trees on their property, Enbridge Gas will work with Indigenous communities and local conservation authorities to find suitable locations to plant trees.

			and re-plant if necessary to ensure the survival of plantings and successful establishment of the compensation forest habitat; and Provide opportunities for AFN community members to be involved in these activities	
8.		Measures and standards to avoid and mitigate impacts to fish and fish habitat including impacts to aquatic species at risk must include always having a qualified environmental professional on site during any works or activities below the high-water mark to verify that measures and standards to avoid and mitigate impacts to fish and fish habitat are effective. The authorized project footprint must be monitored for pools of standing water and stranded or trapped fish within those pools. This monitoring must be conducted anytime that there is a potential for pools of standing water, including times when work activities are not taking place. Using appropriate gear, timing, and salvage techniques, a qualified environmental professional shall capture and relocate fish and invertebrates salvaged		The referenced Best Management Practices (BMPs) will be implemented.
9.		A spill prevention and emergency response plan must be developed to minimize potential for environmental incidents and to provide guidance for responding to situations that pose imminent		Mitigation measures identified in Tables 5-3, 5-5, 5-7 and Section 7.2.2 of the ER will be implemented during the duration of the project. These mitigation measures,
		threat to the environment. The measures contained in the plan will minimize adverse effects to terrestrial and aquatic environments and improve the safety of the workers and public. Contamination of land and/or water from spills can result in pollution of soil and groundwater, which could be lethal to aquatic and terrestrial wildlife. Given the importance of surface water to the Nation, we recommend that the Nation be involved in the development of the plan and their endorsement be sought before finalizing the plan. If these measures are implemented in addition to Enbridge's recommended mitigation measures, impact to surface water will be reduced to non-significant.		including the Spill Prevention plan, will be part of the Environmental Protection Plan for construction. Construction will complete an Emergency Response plan for all areas of execution in coordination with the Contractors completing works across the Project prior to start of any activities.
10.		Surface and groundwater are important to the Nation. As such, we recommend that the Nation be given the opportunity to review and comment on all in-water work plans, erosion and sediment control plan, and emergency spill prevention and response plan before construction.		Generic Sediment Control Plans for Dam & Pump, HDD, and Temporary Vehicle Crossings will be provided for review. Regarding emergency spill prevention and response plan, please see comment #9.
11.		The Nation should be consulted on timing and completion of the Stage 2 archaeological assessment for artifacts. There is concern that anything found of archaeological significance has not been provided to the Nation as it was collected by Six Nations and not provided specifically to the Aamjiwnaang First Nation.		Enbridge Gas offered AFN the opportunity to participate in the 2022 field program and will consult with AFN on the details of the stage 2 archeological assessment. Enbridge Gas provides capacity funding for participation in archaeological assessments as well as having monitors participate in the Stage 2 Archaeology Assessment work. No items have been provided to any First Nations.
12.		The Nation should seek or request opportunities for local business and community members to participate in the Project where practicable.		The Enbridge Gas representative for Supply Chain Management- Indigenous Engagement has met with AFN to discuss opportunities on the Project and for local business

		Trainings and workshops could be made available to the Nation so they can qualify for higher paying technical positions.		participation in Enbridge Gas projects in general. Enbridge Gas is in the process of working through training workshops that could be offered and will be able to provide AFN with more information in the future.
13.		Territorial lands have not been as well studied as Reserve lands with respect to Traditional Land Use or Traditional Knowledge. The capacity of the Nation to extend beyond the boundaries of the reserve to assess potential Project impacts to their territorial lands is required.		Enbridge Gas would be happy to discuss the completion of an Indigenous Knowledge, Land Use study, extending beyond the boundaries of the reserve, with AFN.
14.		The Nation should be involved in future field study investigations that may have wildlife and/or wildlife habitat concerns where site-specific migration or monitoring may be required. Also, if there are existing preliminary field investigation studies of wildlife and wildlife habitat within the proposed project area, they should be available to the Nation.		Ecological field surveys were undertaken in 2022 to enhance the understanding of Project impacts on significant wildlife habitat. AFN has been involved in the field programs to date. Additionally, please see response to comment #1.
15.		The Nation should be involved in future preliminary field investigations and any existing recent field survey studies that may have SAR concerns where site-specific mitigation or monitoring may be required be made available to them. Certain species at risk (e.g., Butler's Garter Snake) have been downgraded from endangered to threatened, which has removed engagement opportunities for the Nation.		While Butler's Garter Snake is a SAR (as defined as an ESA species listed as Threatened, Endangered or Extirpated), it was not identified during the ER SAR records review for SAR within the vicinity of the study area or during the 2022 field program. Ecological field surveys were undertaken in 2022. AFN has been involved in the field programs to date. Additionally, please see response to comment #1 and #2
16.		Details on the assessment of potential effects to wildlife corridors and habitat fragmentation should be included in the ER.		As stated in ER Section 4.3.3.1, the majority of the Project Site Areas are composed of agricultural fields with natural areas largely limited to hedgerows or narrow strips of woodlots and riparian areas of agricultural drains.
				Additionally, both pipelines parallel or follow existing infrastructure (roads, existing pipeline easements), limiting new effects to undisturbed lands. Potential effects of the project on wildlife and their habitat have been identified in Section 5.3.2.4.
17.	5.3.7 Designated Natural Areas and Vegetation	Vertex recommends that Enbridge develop a Vegetation Management Plan to identify potential impacts to vegetation that may result from the Project, and outline mitigation measures to prevent adverse environmental effects to terrestrial ecosystems over both the short and long term. The Vegetation Management Plan should aim to ensure that no adverse impacts to at-risk plant species (e.g., American Chestnut, Ogden's Pondweed, Gillman's Goldenrod, Colicroot and Black Ash) and to other ecosystems outside the Project footprint.		Section 5.3.2.3 (Table 5-8) of the ER lists potential impacts to vegetation as well as recommended mitigation & preventative measures to be followed during construction in order to limit impacts to vegetation. Some of these mitigation & preventative measures include, limiting vegetation removal, obtaining permitting requirements/approval from government regulatory agencies, revegetating cleared areas with native seeds and vegetation species, and the replanting of trees as part of Enbridge's tree replacement program. Contract provisions will also require the Contractor to minimize impacts to vegetation communities during construction and implement mitigation and preventative measures. In addition to the mitigation measures outlined in the ER and contract package, Enbridge Gas will also provide a Plant Species of Concern Contingency Plan to the winning construction contractor that outlines protocols and measures to follow if an at-risk plant species is found during construction.
18.	5.3.8 Wildlife and Wildlife Habitat	Vertex recommends that the Nation be involved in future field study investigations that may have wildlife and/or wildlife habitat concerns where site-specific migration or monitoring may be required. Also, if there are existing preliminary field investigation studies of wildlife and wildlife habitat within the proposed project area, they should be available to the Nation.		Please see response to comment #1.

19.	5.3.9 Species at Risk	We recommend that the Nation be involved in future preliminary field investigations and any existing recent field survey studies that may have SAR concerns where site-specific mitigation or monitoring may be required be made available to them.		Please see response to comment #2.
20.	5.3.12 Landfills and Contaminated Sites	A Waste Management Plan for the collection, storage, labeling, and disposal of waste material should be developed prior to the execution of the Project. The waste management plan should also cover disposal of excess soil and management of contaminated soil.		Enbridge Gas will develop a Waste Management Plan prior to construction
21.	5.5 Environmental Monitoring and Contingency Plans	We recommend that the Nation be involved in the development of the Construction Environmental Management Plan and that their comments and input are considered. The Nation should also be involved in future field studies in determining sensitive environmental locations or features that may require ongoing monitoring.		Enbridge Gas has committed to 2022 field studies and AFN has been participating in these studies. Enbridge Gas has also committed to providing AFN with a report summarizing field study findings. Enbridge Gas is open to continue working with AFN moving forward.
22.	Other Recommendations	While the Projects Indigenous Engagement Log demonstrates active engagement between the proponent and the Nation during the Project information phase, the ER does not demonstrate how Indigenous concerns were considered, or how treaty rights were considered during the effects assessment. Mitigations for effects to traditional Indigenous territories, communities and practices are not proposed in the effects assessment.		Please see response to comment #6.

Line-item attachment 1.30

From: Lauren Whitwham
To: Cathleen O"Brien; lrosales@aamjiwnaang.ca
Subject: Update: Enbridge Gas Panhandle Regional Expansion Project
Date: Monday, January 30, 2023 1:52:25 PM

Hi there,

I'm writing to provide you with an update on Enbridge Gas' Panhandle Regional Expansion Project.

In December, Enbridge Gas sent a request to the Ontario Energy Board (OEB) for a temporary pause in the regulatory review of our proposed Panhandle Regional Expansion Project. The OEB granted that pause in December. Since that time, Enbridge Gas has continued to review potential material increases to components of the estimated project cost, through a competitive procurement process.

In addition, we now have the benefit of better understanding of actual attachments to the Panhandle system in 2022. As a result, we are re-assessing the staging of the project and can confirm that the start of construction will be delayed from 2023 to 2024. We expect that all incremental demand on the Panhandle system for winter 2023/2024 will be accommodated. We are also continuing to advance the project and anticipate resuming the regulatory process in 2023.

We wanted to make you aware of this. I will keep you updated as we move forward.

Thanks and let me know if you have any questions,

Lauren

Line-item attachment 1.32

From: Lauren Whitwham
To: Cathleen O'Brien
Cc: Courtney Jackson; lrosales@aamjiwnaang.ca
Subject: Enbridge Gas: Panhandle scope change
Date: Monday, May 8, 2023 2:03:42 PM
Attachments: PREP Update AFN May 23.pdf
PREP Map May 2023.pdf

Greetings,

In the Fall of 2022, Enbridge Gas Inc. requested that the Ontario Energy Board (OEB) put the Leave-to-Construct application for the Panhandle Regional Pipeline Project on abeyance (pause).

Since then, the projects scope has changed, and it has been determined that the Leamington Interconnect will no longer be apart of the project and would be reviewed at a later timeframe.

The Panhandle Regional Pipeline Project will now consist of the following:

> 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.

In addition, the OEB released the 8th edition of its Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Projects and Facilities in Ontario (2023). As the Environmental Report (2022; ER) for the project was prepared in accordance with the OEB's 7th edition of its Environmental Guidelines (2016), the ER was reviewed to assess that the report adequately addressed any significant changes in the new guidelines and that the potential environmental and socio-economic effects that may results from the project were still effectively identified and addressed. Through this review, it has been determined that the Environmental Report (2022), as written, adheres to the changes found in the 8th edition of the OEB's Environmental Guidelines (2023) and is appropriate for the new scope of the Panhandle Regional Expansion Project (i.e., construction of the Panhandle Loop only – see attached map).

Enbridge Gas intends to re-file the application for the project in Q3 of 2023. If approved by the OEB, construction would begin in Spring 2024 with an in-service date of November 1, 2024.

Please let me know if you have any questions or concerns.

Enbridge Gas Inc.
109 Commissioners Road W.
London, ON N6A4P1

May 4, 2023

Cathleen O'Brien

Environment Coordinator

Aamjiwnaang First Nation

Regarding: Project Update for Panhandle Regional Expansion Project

Dear Cathleen O'Brien:

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 previously included 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 purpose of this letter is to provide an update on the latest developments regarding this project.

In December 2022, Enbridge Gas asked for and was approved by the Ontario Energy Board (OEB) for a temporary pause in the regulatory review process. Since then, the project's scope has changed. It has been determined that the Leamington Interconnect will no longer be a part of the project and would be reviewed at a later time. We are continuing to advance the project and anticipate resuming the regulatory process for the Panhandle Loop in June 2023 and are currently working towards filing an amended LTC application with the OEB at that time.

As part of the planning process, Enbridge Gas retained AECOM Canada Ltd. (AECOM) to undertake an Environmental Report for the project. The Environmental Report fulfilled the

requirements of the OEB's "*Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)*"[1]. AECOM has reviewed the updated project scope, as outlined above, in comparison to the information presented in the 2022 Environment Report and have determined that the updated project scope is sufficiently covered in the Environmental Report, and that no adjustments or revisions to the Environmental Report are necessary.

If approved by the OEB, construction on the Panhandle Loop would begin in Spring 2024 with an in-service date of November 1, 2024.

If you have any questions, please do not hesitate to contact me using the information provided below.

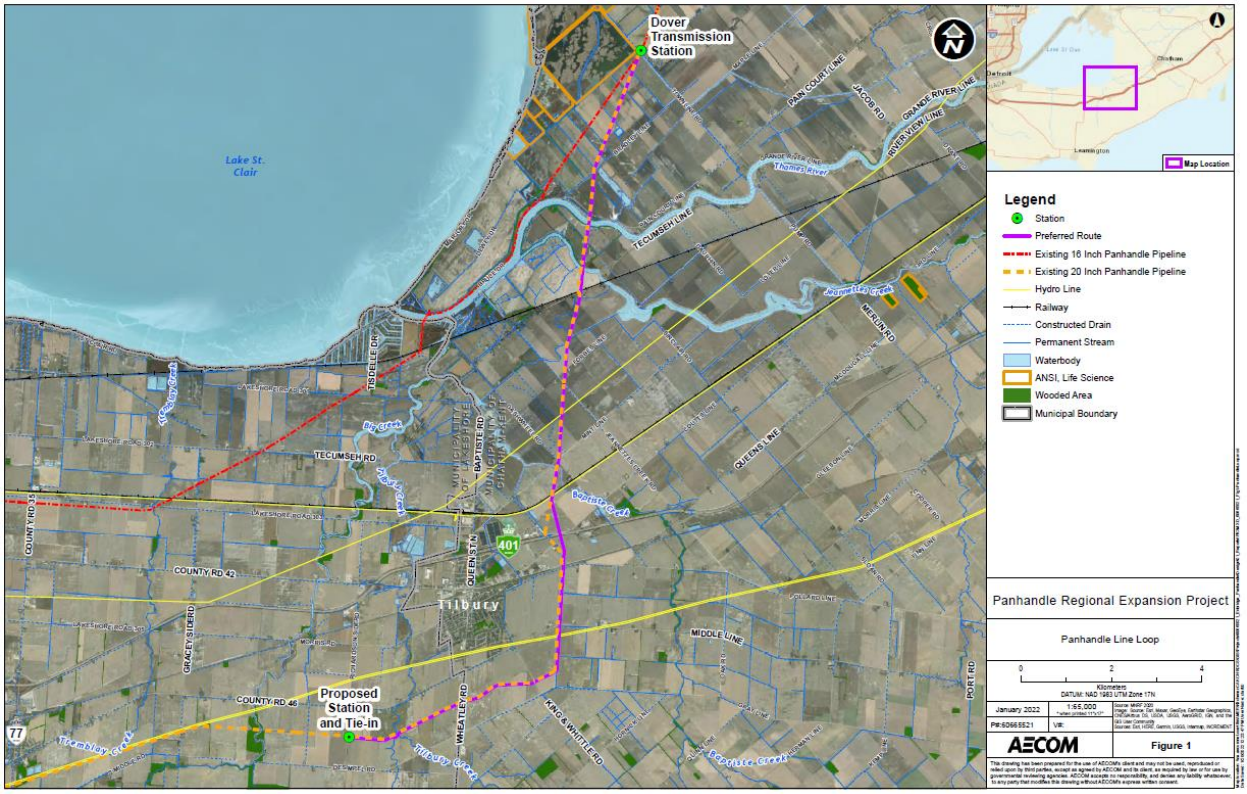
Sincerely,



Lauren Whitwham
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Lauren.Whitwham@enbridge.com
Phone: 519-852-3474

CC: Dana Cofell – Enbridge Gas Inc.
Kristan Washburn– AECOM
Jordan Witt – AECOM
General Inbox (environment@aamjiwnaang.ca) – Aamjiwnaang First Nation

[1] The OEB released the 8th edition of the *Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Projects and Facilities in Ontario* in March 2023, after the initiation, consultation and finalization of the Panhandle Regional Expansion Project and associated Environmental Report.


Dover Transmission Station
Proposed Station and Tie-in
Lake St. Clair
Tilbury
TECUMSEH RD
COUNTY RD 42
COUNTY RD 46
MIDDLE LINE
QUEENS LINE
TECUMSEH LINE
PANN COURT LINE
JACOB RD
GRANDE RIVER LINE
RIVERVIEW LINE
MERLIN RD
PORT RD
WHEATLEY RD
KING & WHITELEY RD
GRACEY SIDERD
QUEEN ST N
401
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
Map Location
Panhandle Regional Expansion Project
Panhandle Line Loop
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:65,000
PR-60665521
AECOM
Figure 1

Line-item attachment 2.1

From: Lauren Whitwham
To: consultation.coordinator@caldwellfirstnation.ca
Cc: consultation.assistant@caldwellfirstnation.ca
Subject: Enbridge proposed project: Panhandle Transmission System
Date: Wednesday, August 11, 2021 3:45:38 PM
Attachments: image003.png

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.

Line-item attachment 1.3

From: Lauren Whitwham
To: consultation.coordinator@caldwellfirstnation.ca; 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

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)

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 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,



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:	www.virtualengagement.ca/panhandle

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.

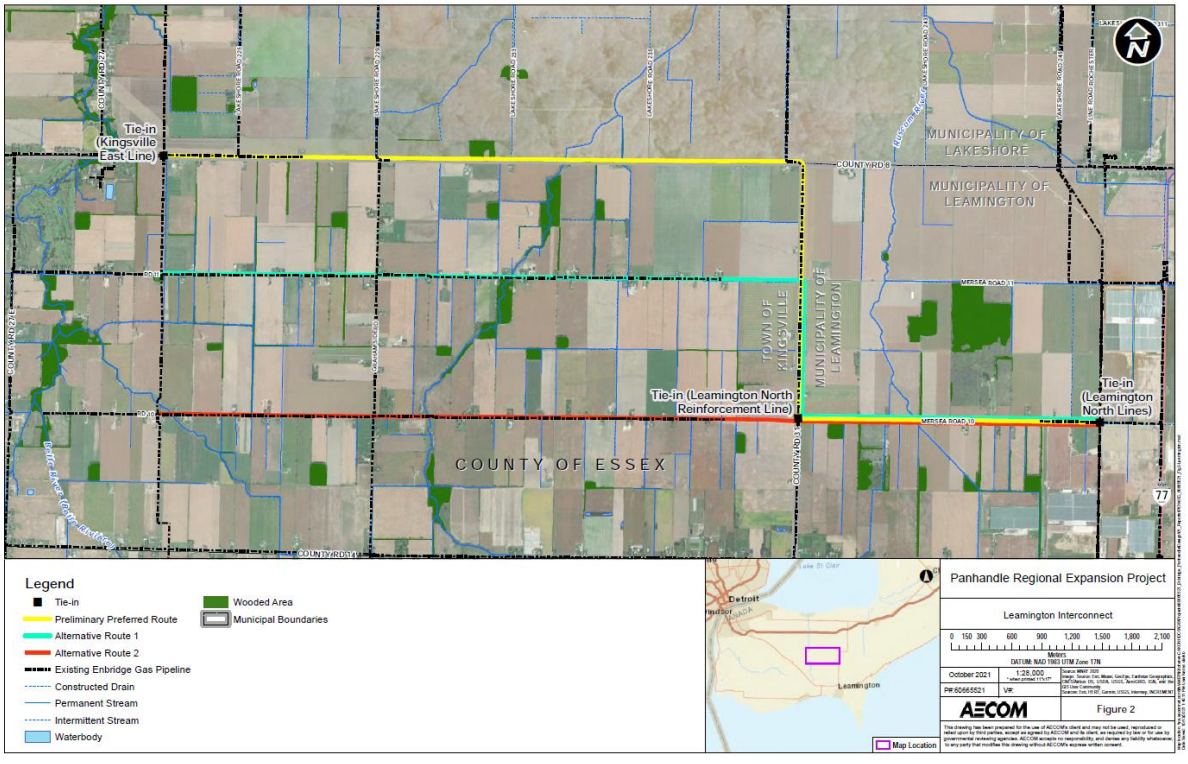
Sincerely,

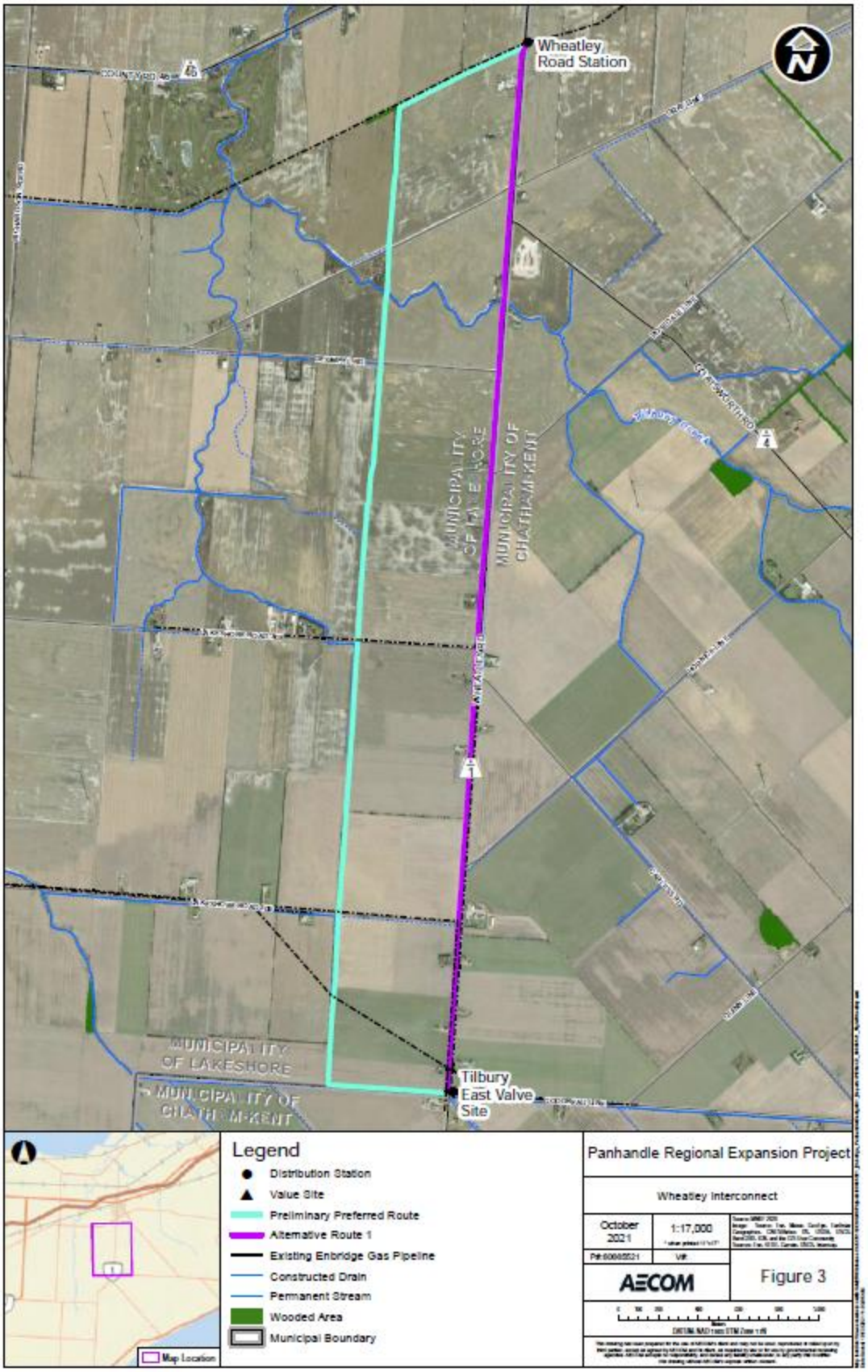


Lauren Whitwham
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Lauren.Whitwham@enbridge.com
Phone: (519) 852-3474

CC: Evan Tomek - Enbridge Inc.
Mark Van der Woerd – AECOM
Kristan Washburn – AECOM
Environment and Consultation Assistant (consultation.assistant@caldwellfirstnation.ca) – Caldwell First Nation


Dover Transmission Station
Lake St. Clair
Stoney Point/Pointe-aux-Roches
Tilbury
Comber
Comber Transmission Station
Legend
Transmission Station
Preliminary Preferred Route
Existing Enbridge Gas Pipeline
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
Map Location
Panhandle Regional Expansion Project
Panhandle Line Loop
AECOM
Figure 1


Tie-in (Kingsville East Line)
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
Legend
Tie-in
Preliminary Preferred Route
Alternative Route 1
Alternative Route 2
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundaries
Map Location
Panhandle Regional Expansion Project
Leamington Interconnect
AECOM
Figure 2


Wheatley Road Station
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF CHATHAM-KENT
Tilbury East Valve Site
Legend
Distribution Station
Value Site
Preliminary Preferred Route
Alternative Route 1
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Wooded Area
Municipal Boundary
Map Location
Panhandle Regional Expansion Project
Wheatley Interconnect
October 2021
1:17,000
AECOM
Figure 3

Line-item attachment 2.4

From: Lauren Whitwham
To: ecc@caldwellfirstnation.ca; 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

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 proximately 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 .

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:	www.virtualengagement.ca/panhandle

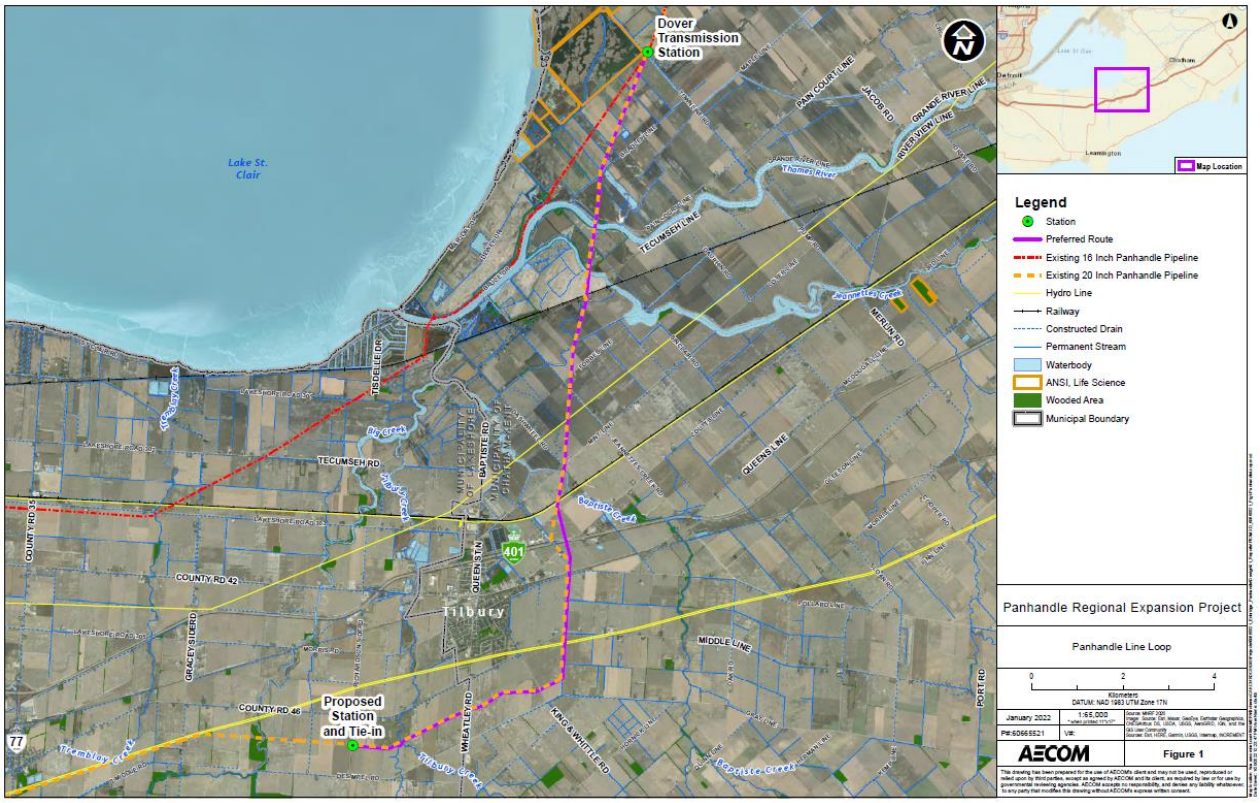
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

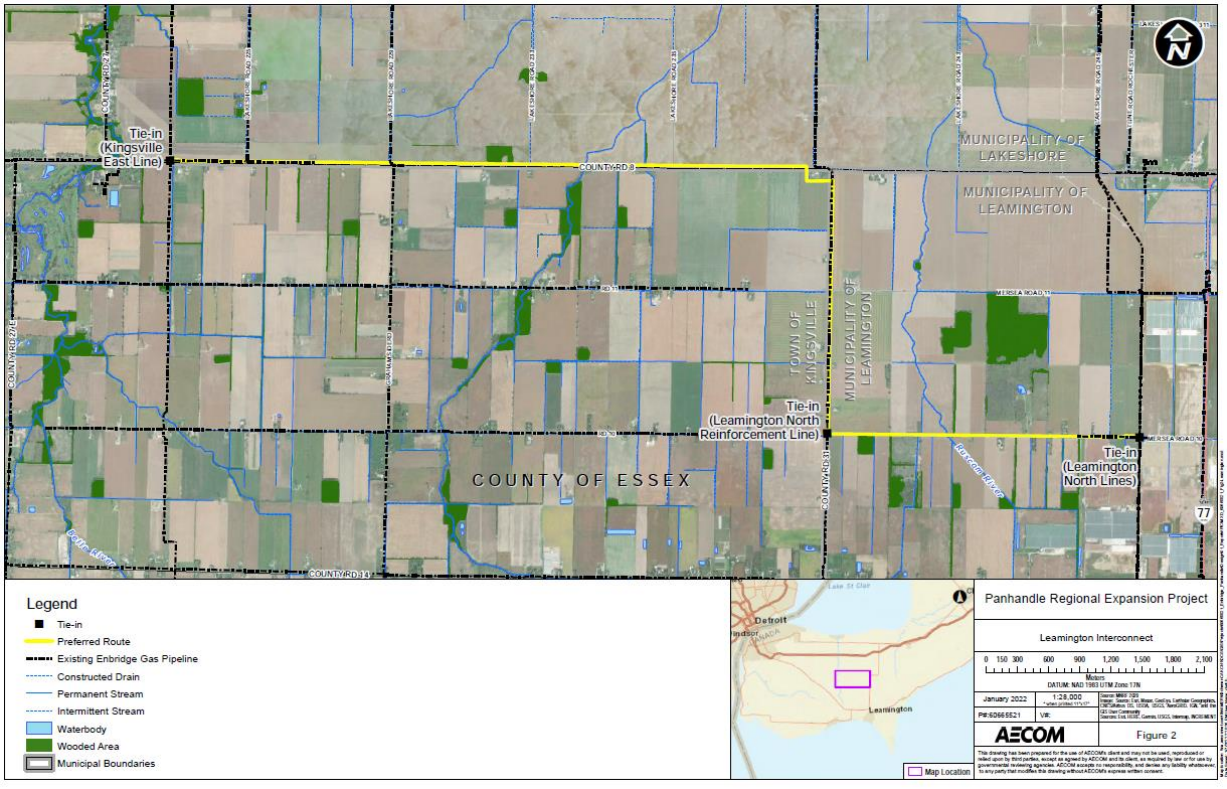
Sincerely,

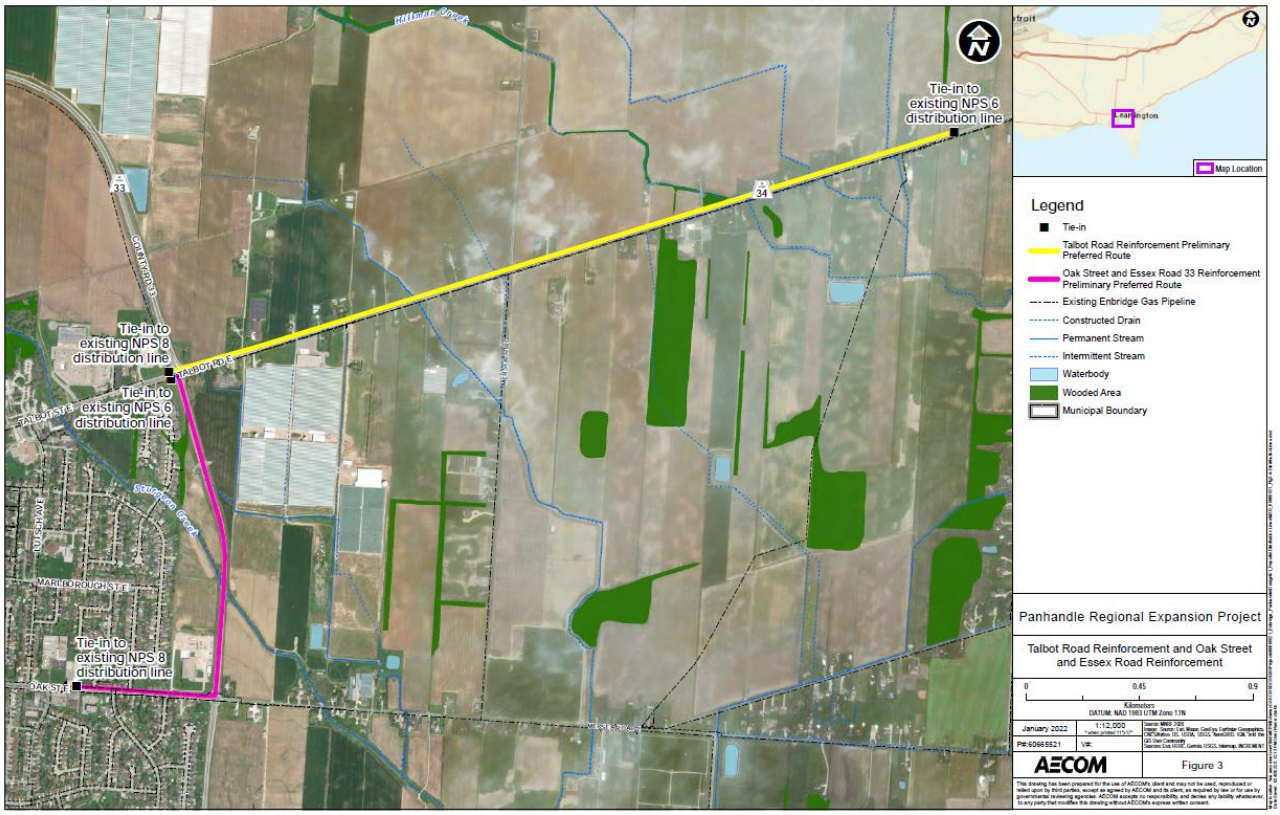


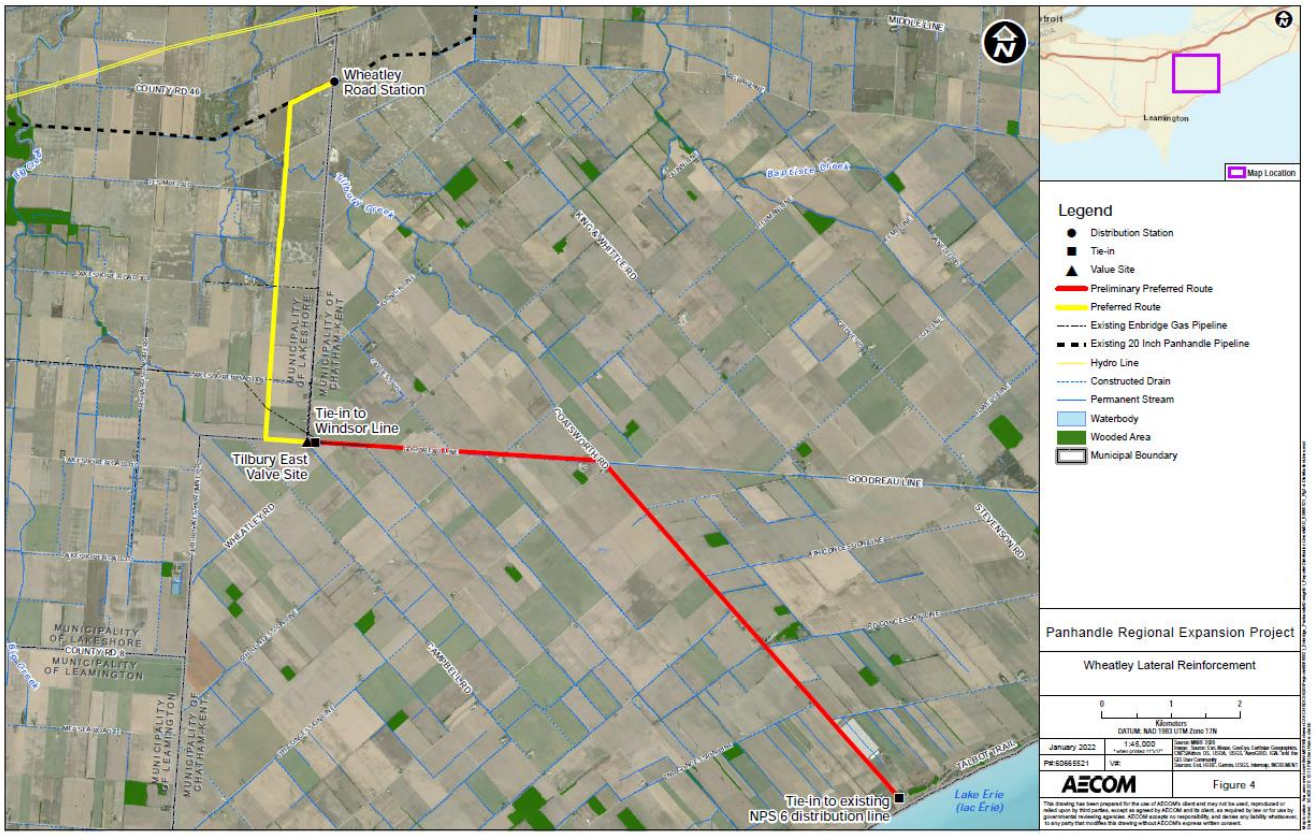
Lauren Whitwham
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Lauren.Whitwham@enbridge.com
Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.
Mark Van der Woerd – AECOM
Kristan Washburn – AECOM
Environment and Consultation Assistant (consultation.assistant@caldwellfirstnation.ca) – Caldwell First Nation


Dover Transmission Station
Lake St. Clair
Tilbury
Proposed Station and Tie-in
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
AECOM
Figure 1


Tie-in (Kingsville East Line)
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
MUNICIPALITY OF LEAMINGTON
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
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
AECOM
Figure 2


Tie-in to existing NPS 6 distribution line
Tie-in to existing NPS 8 distribution line
Tie-in to existing NPS 6 distribution line
Tie-in to existing NPS 8 distribution line
Legend
Tie-in
Talbot Road Reinforcement Preliminary Preferred Route
Oak Street and Essex Road 33 Reinforcement Preliminary Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundary
Map Location
Panhandle Regional Expansion Project
Talbot Road Reinforcement and Oak Street and Essex Road Reinforcement
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:12,000
PW-60665521
AECOM
Figure 3


Wheatley Road Station
Tie-in to Windsor Line
Tilbury East Valve Site
Tie-in to existing NPS 6 distribution line
Lake Erie (lac Erie)
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
Map Location
Panhandle Regional Expansion Project
Wheatley Lateral Reinforcement
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:46,000
PW-60665521
AECOM
Figure 4

Line-item attachment 2.10

From: Lauren Whitwham
To: Michelle McCormack; Zack Hamm
Cc: Tammy Jolicoeur
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 .

If you have comments on the slides, please feel free to send them my way.

Thanks so much,
Lauren

Line-item attachment 2.11

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

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,

Zack Hamm
Consultation Coordinator, Environmental & Consultation
Caldwell First Nation

Line-item attachment 2.17

From: Lauren Whitwham
To: Zack Hamm; Michelle McCormack
Cc: 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

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.

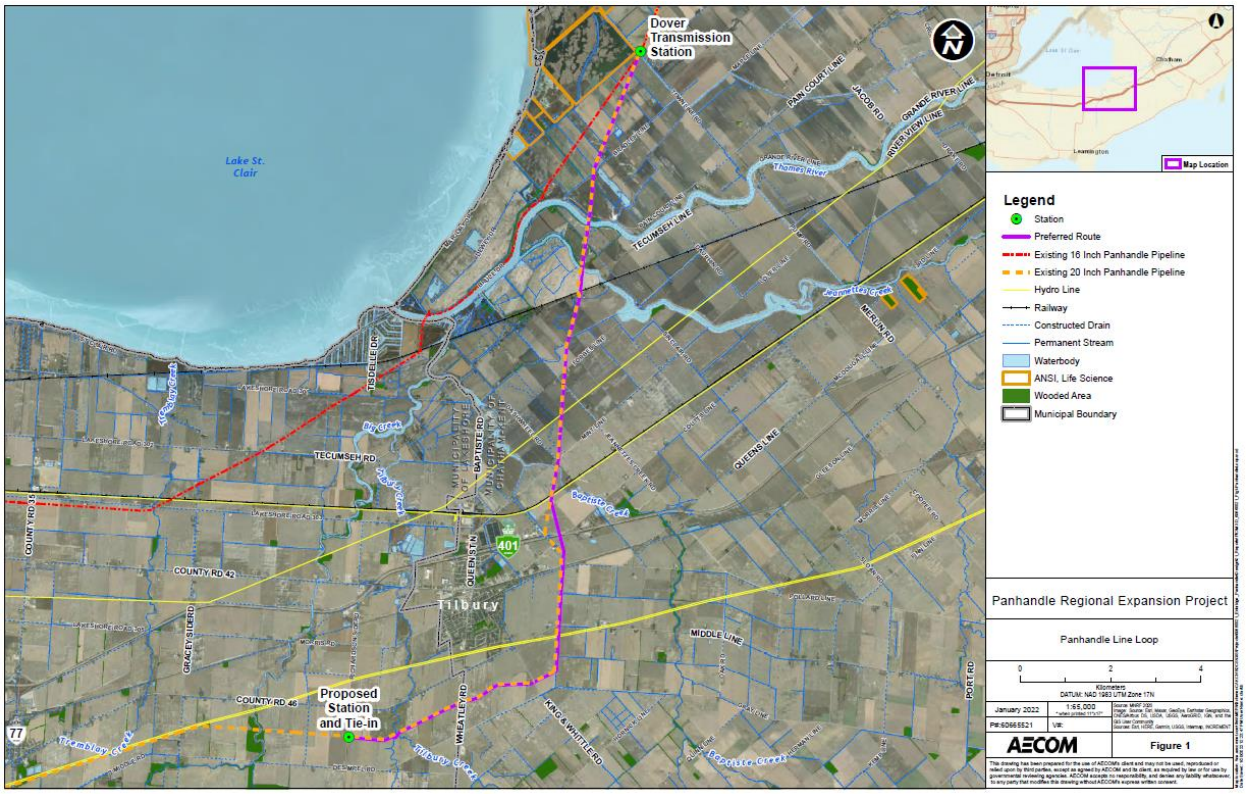
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

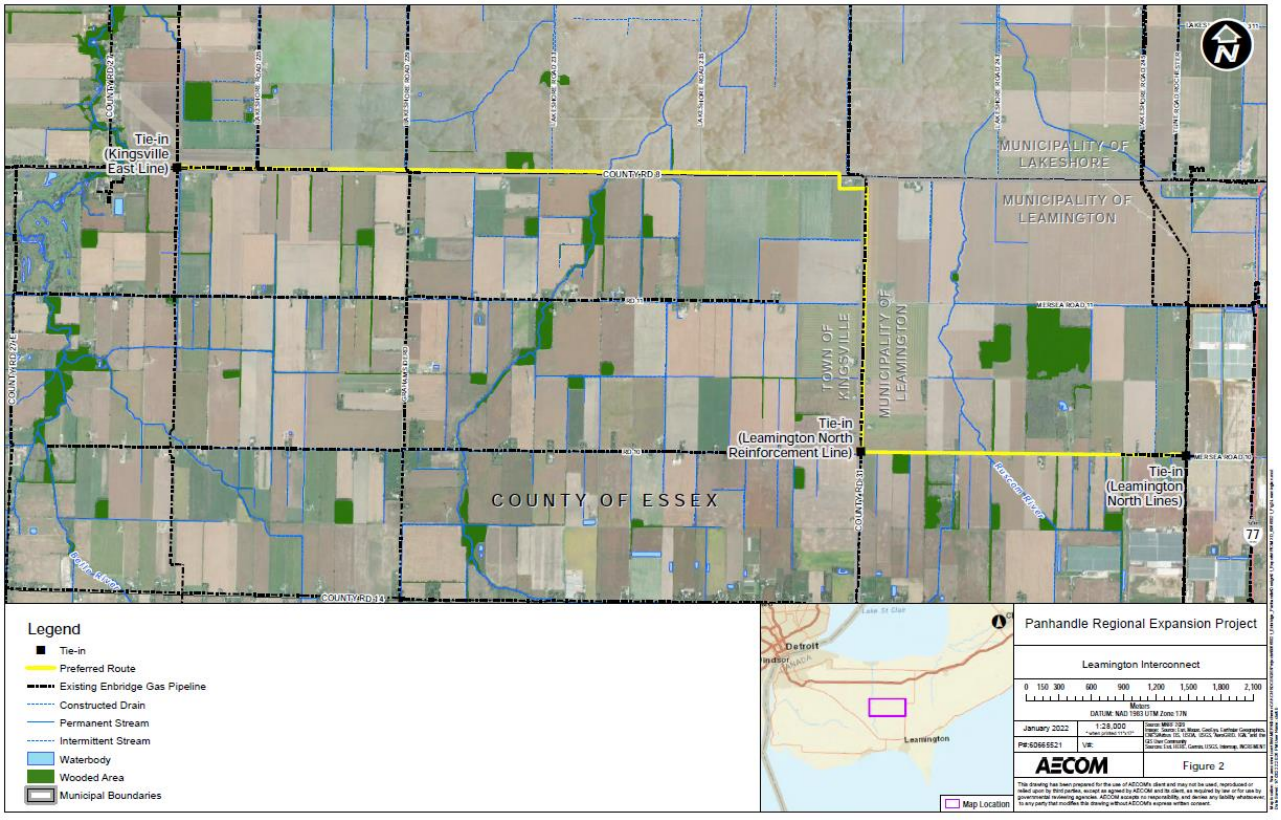
Sincerely,



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


Dover Transmission Station
Lake St. Clair
TECUMSEH RD
COUNTY RD 42
COUNTY RD 46
Tilbury
Proposed Station and Tie-in
401
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
Map Location
Panhandle Regional Expansion Project
Panhandle Line Loop
AECOM
Figure 1


Tie-in (Kingsville East Line)
COUNTY RD 8
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
COUNTY OF ESSEX
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY RD 34
Legend
Tie-in
Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundaries
Map Location
Panhandle Regional Expansion Project
Leamington Interconnect
AECOM
Figure 2

Line-item attachment 2.18

From: Lauren Whitwham
To: Zack Hamm
Cc: Michelle McCormack; 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

Line-item attachment 2.19

From: Lauren Whitwham
To: Zack Hamm; Michelle McCormack
Cc: tammy.jolicoeur@caldwellfirstnation.ca
Subject: Enbridge Panhandle Project: Environmental Report ready
Date: Friday, April 29, 2022 10:15:43 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

Line-item attachment 2.21

From: Lauren Whitwham
To: Zack Hamm; ecc@caldwellfirstnation.ca
Cc: tammy.jolicoeur@caldwellfirstnation.ca
Subject: Follow up: Enbridge Panhandle Project: Environmental Report ready
Date: Wednesday, May 18, 2022 8:52:21 AM

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

Line-item attachment 2.22

From: Lauren Whitwham
To: Zack Hamm; Michelle McCormack
Cc: tammy.jolicoeur@caldwellfirstnation.ca
Subject: RE: Enbridge Panhandle Project: Environmental Report ready
Date: Friday, May 27, 2022 12:18:19 PM

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

Line-item attachment 2.48

From: Lauren Whitwham
To: Zack Hamm
Subject: Update: Enbridge Gas Panhandle Regional Expansion Project
Date: Monday, January 30, 2023 1:51:01 PM

Hi there,

I'm writing to provide you with an update on Enbridge Gas' Panhandle Regional Expansion Project.

In December, Enbridge Gas sent a request to the Ontario Energy Board (OEB) for a temporary pause in the regulatory review of our proposed Panhandle Regional Expansion Project. The OEB granted that pause in December. Since that time, Enbridge Gas has continued to review potential material increases to components of the estimated project cost, through a competitive procurement process.

In addition, we now have the benefit of better understanding of actual attachments to the Panhandle system in 2022. As a result, we are re-assessing the staging of the project and can confirm that the start of construction will be delayed from 2023 to 2024. We expect that all incremental demand on the Panhandle system for winter 2023/2024 will be accommodated. We are also continuing to advance the project and anticipate resuming the regulatory process in 2023.

This doesn't change the agenda for our February meeting and I look forward to discussions with you on the Project.

Thanks and let me know if you have any questions,

Lauren

Line-item attachment 2.52

From: Lauren Whitwham
To: Zack Hamm
Cc: ecc@caldwellfirstnation.ca
Subject: Enbridge Gas: Panhandle scope change
Date: Monday, May 8, 2023 2:11:09 PM
Attachments: PREP Map May 2023.pdf
PREP Update CFN May 23.pdf

Greetings Zack,

In the Fall of 2022, Enbridge Gas Inc. requested that the Ontario Energy Board (OEB) put the Leave-to-Construct application for the Panhandle Regional Pipeline Project on abeyance (pause).

Since then, the projects scope has changed, and it has been determined that the Leamington Interconnect will no longer be apart of the project and would be reviewed at a later timeframe.

The Panhandle Regional Pipeline Project will now consist of the following:

> 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.

In addition, the OEB released the 8th edition of its Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Projects and Facilities in Ontario (2023). As the Environmental Report (2022; ER) for the project was prepared in accordance with the OEB's 7th edition of its Environmental Guidelines (2016), the ER was reviewed to assess that the report adequately addressed any significant changes in the new guidelines and that the potential environmental and socio-economic effects that may results from the project were still effectively identified and addressed. Through this review, it has been determined that the Environmental Report (2022), as written, adheres to the changes found in the 8th edition of the OEB's Environmental Guidelines (2023) and is appropriate for the new scope of the Panhandle Regional Expansion Project (i.e., construction of the Panhandle Loop only – see attached map).

Enbridge Gas intends to re-file the application for the project in Q3 of 2023. If approved by the OEB, construction would begin in Spring 2024 with an in-service date of November 1, 2024.

Please let me know if you have any questions or concerns.

Enbridge Gas Inc.
109 Commissioners Road W.
London, ON N6A4P1

May 4, 2023

Zack Hamm

Caldwell First Nation

Regarding: Project Update for Panhandle Regional Expansion Project

Dear Zack Hamm:

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 previously included 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 purpose of this letter is to provide an update on the latest developments regarding this project.

In December 2022, Enbridge Gas asked for and was approved by the Ontario Energy Board (OEB) for a temporary pause in the regulatory review process. Since then, the project's scope has changed. It has been determined that the Leamington Interconnect will no longer be a part of the project and would be reviewed at a later time. We are continuing to advance the project and anticipate resuming the regulatory process for the Panhandle Loop in June 2023 and are currently working towards filing an amended LTC application with the OEB at that time.

As part of the planning process, Enbridge Gas retained AECOM Canada Ltd. (AECOM) to undertake an Environmental Report for the project. The Environmental Report fulfilled the requirements of the OEB's "*Environmental Guidelines for the Location, Construction, and*

Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)"[7]. AECOM has reviewed the updated project scope, as outlined above, in comparison to the information presented in the 2022 Environment Report and have determined that the updated project scope is sufficiently covered in the Environmental Report, and that no adjustments or revisions to the Environmental Report are necessary.

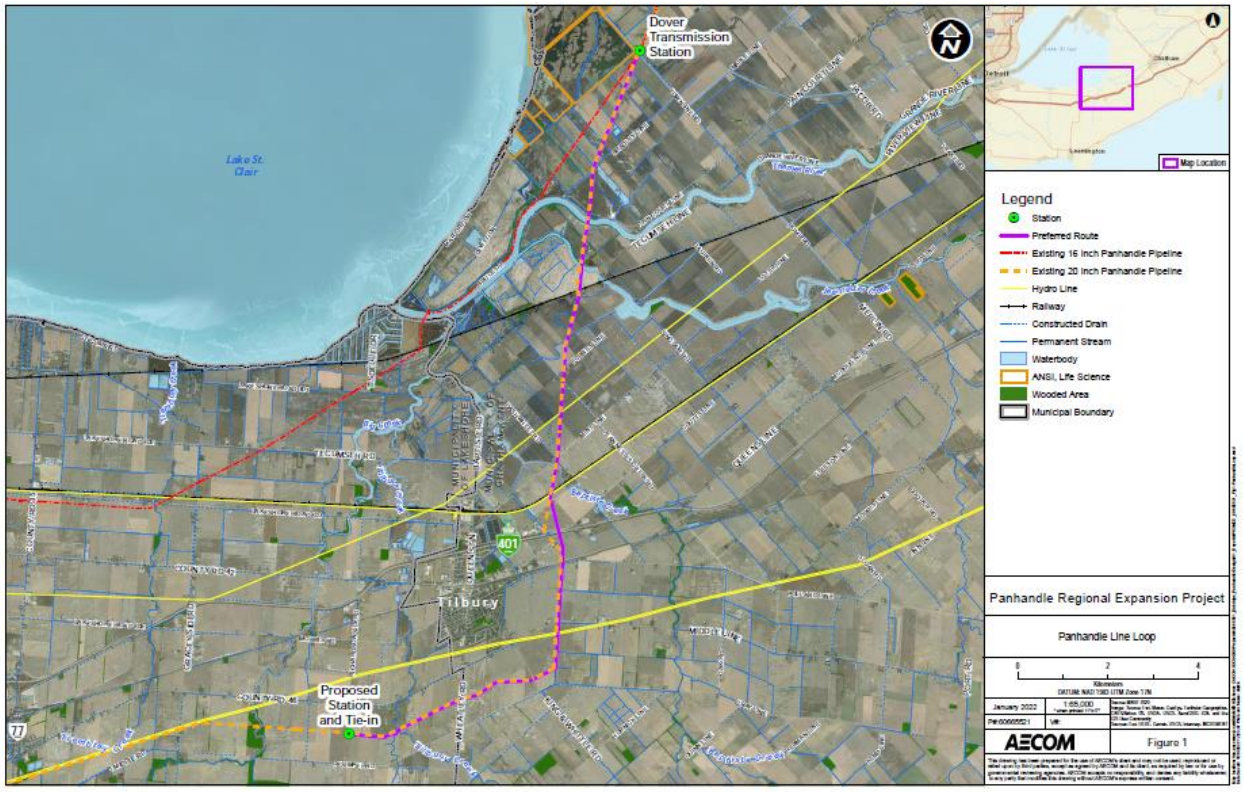
If approved by the OEB, construction on the Panhandle Loop would begin in Spring 2024 with an in-service date of November 1, 2024.

If you have any questions, 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: Dana Cofell – Enbridge Gas Inc.
Kristan Washburn – AECOM
Jordan Witt – AECOM



Line-item attachment 3.1

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

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: Lauren Whitwham
To: Valerie George
Cc: 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

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)

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)

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 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,



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	
Date:	Materials will be available at 5 p.m. on November 17, and available until December 3.
Website:	www.virtualengagement.ca/panhandle

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.

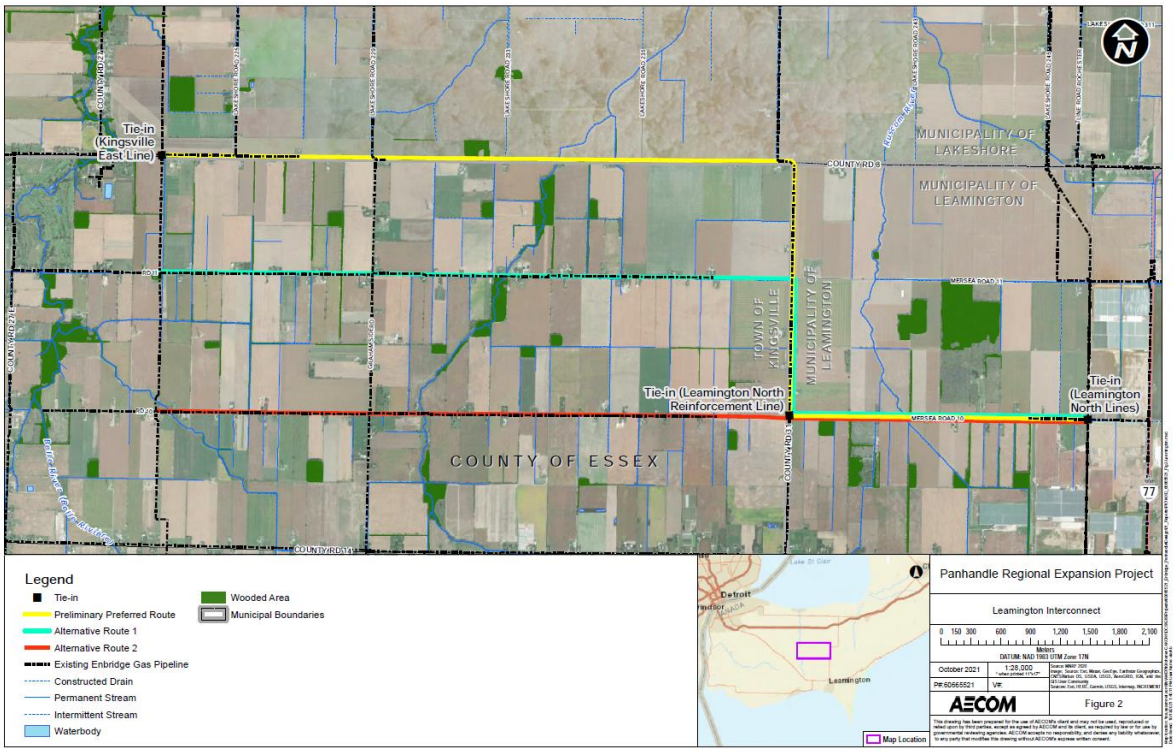
Sincerely,

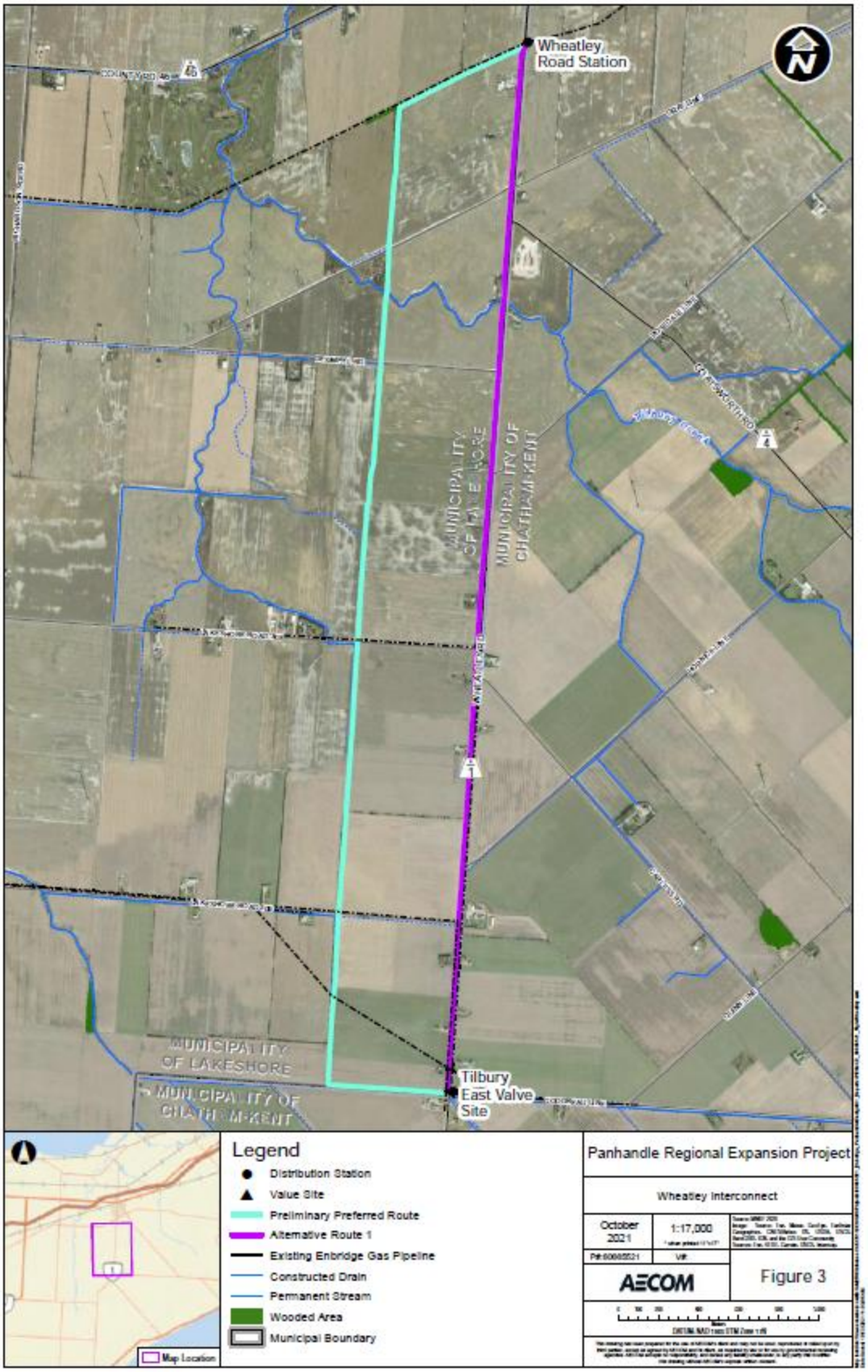


Lauren Whitwham
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Lauren.Whitwham@enbridge.com
Phone: (519) 852-3474

CC: Evan Tomek - Enbridge Inc.
Mark Van der Woerd – AECOM
Kristan Washburn – AECOM


Dover Transmission Station
Lake St. Clair
Stoney Point/Pointe-aux-Roches
Tilbury
Comber
Comber Transmission Station
TECUMSEH RD
COUNTY RD 42
COUNTY RD 46
MIDDLE LINE
QUEEN'S LINE
77
401
Legend
Transmission Station
Preliminary Preferred Route
Existing Enbridge Gas Pipeline
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
Map Location
Panhandle Regional Expansion Project
Panhandle Line Loop
AECOM
Figure 1


Tie-in (Kingsville East Line)
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
COUNTY OF ESSEX
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY RD 8
MERSEA ROAD 10
77
Legend
Tie-in
Preliminary Preferred Route
Alternative Route 1
Alternative Route 2
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundaries
Map Location
Panhandle Regional Expansion Project
Leamington Interconnect
AECOM
Figure 2


Wheatley Road Station
Tilbury East Valve Site
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF CHATHAM-KENT
Legend
Distribution Station
Value Site
Preliminary Preferred Route
Alternative Route 1
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Wooded Area
Municipal Boundary
Map Location
Panhandle Regional Expansion Project
Wheatley Interconnect
October 2021
1:17,000
AECOM
Figure 3

Line-item attachment 3.5

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

Line-item attachment 3.8

From: Lauren Whitwham
To: Valerie George
Subject: Virtual meeting to discuss Enbridge Gas Projects
Date: Tuesday, January 11, 2022 9:49:45 AM

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

Line-item attachment 3.9

From: Lauren Whitwham
To: 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

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 .

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:	www.virtualengagement.ca/panhandle

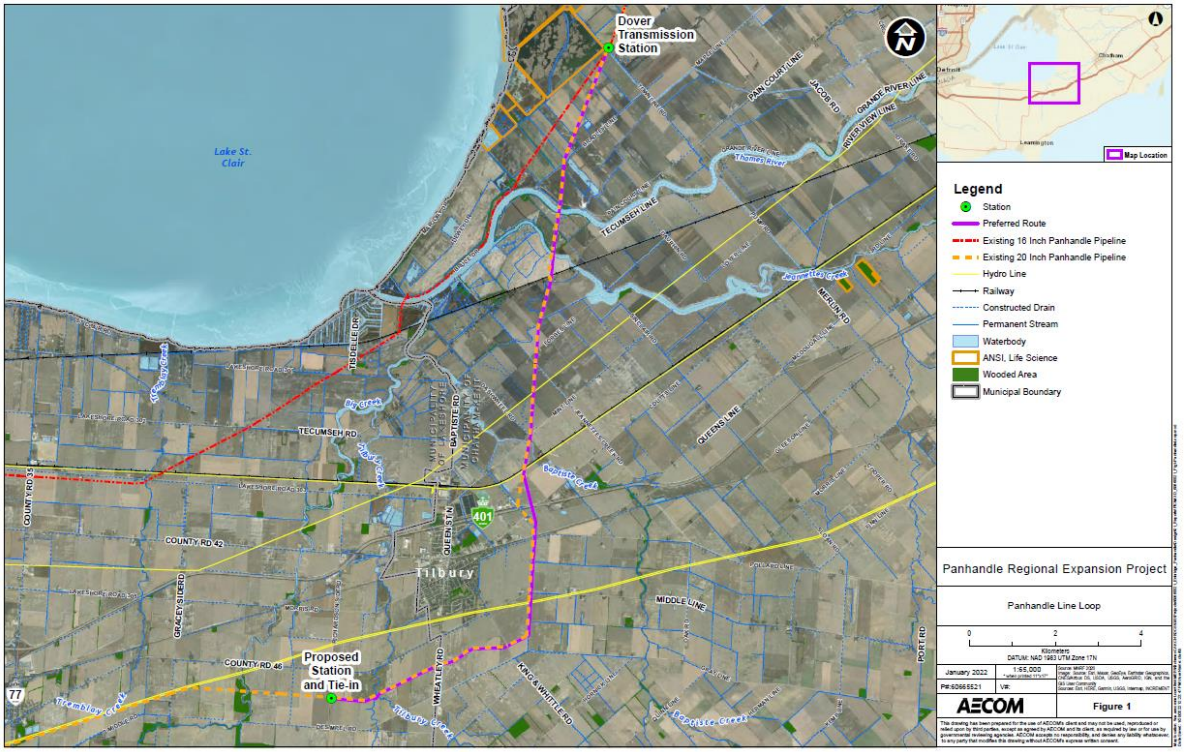
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

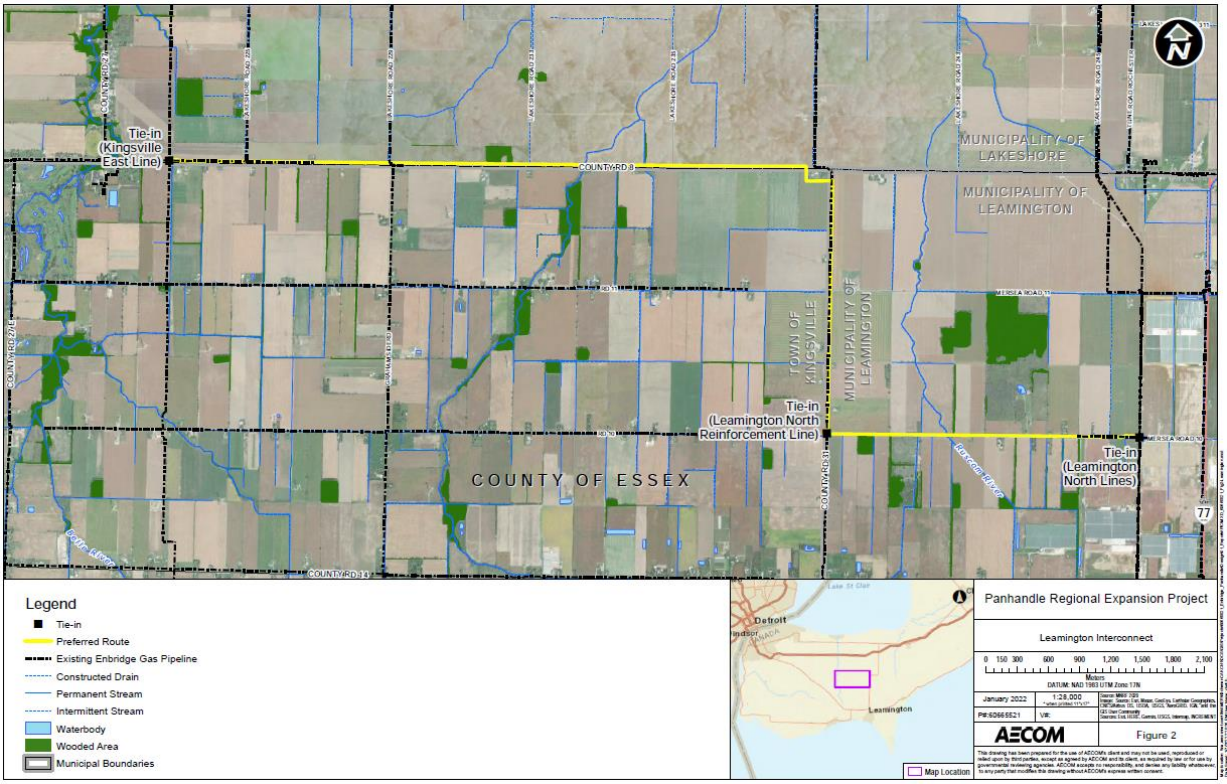
Sincerely,

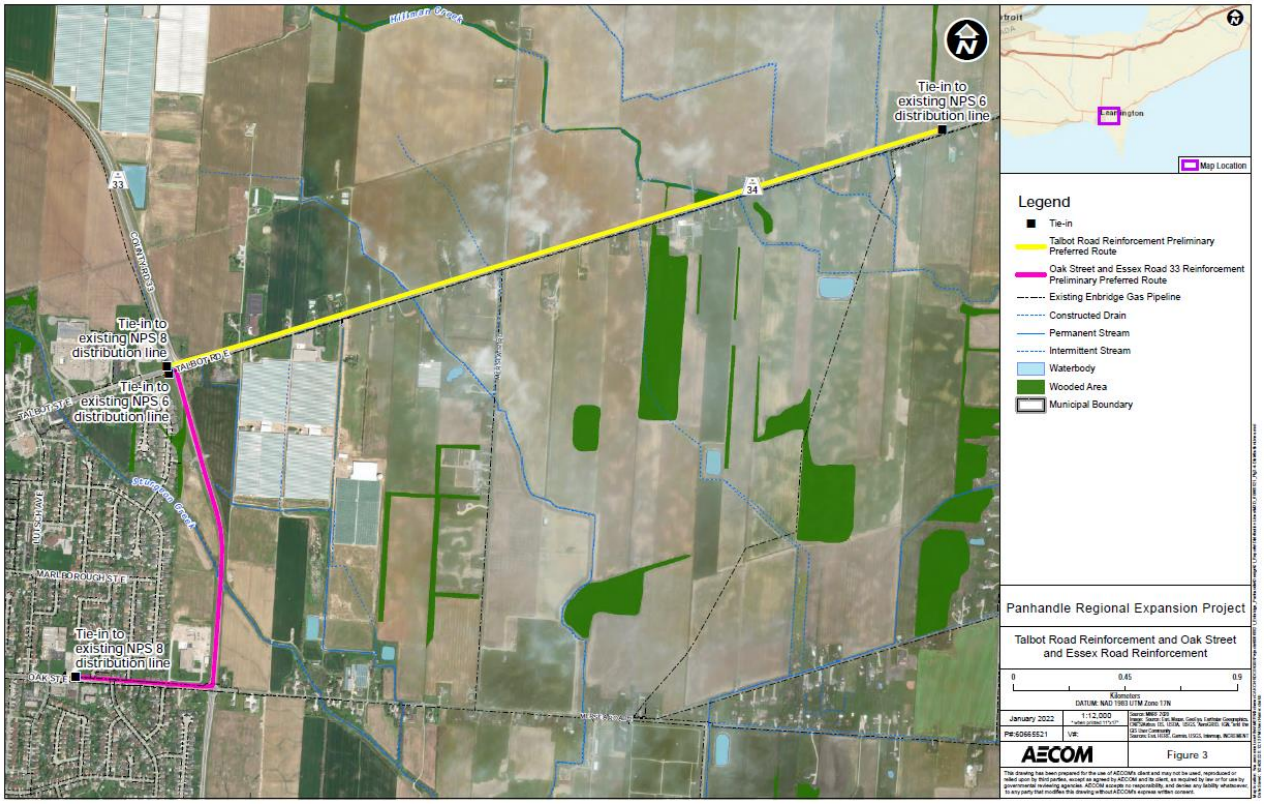


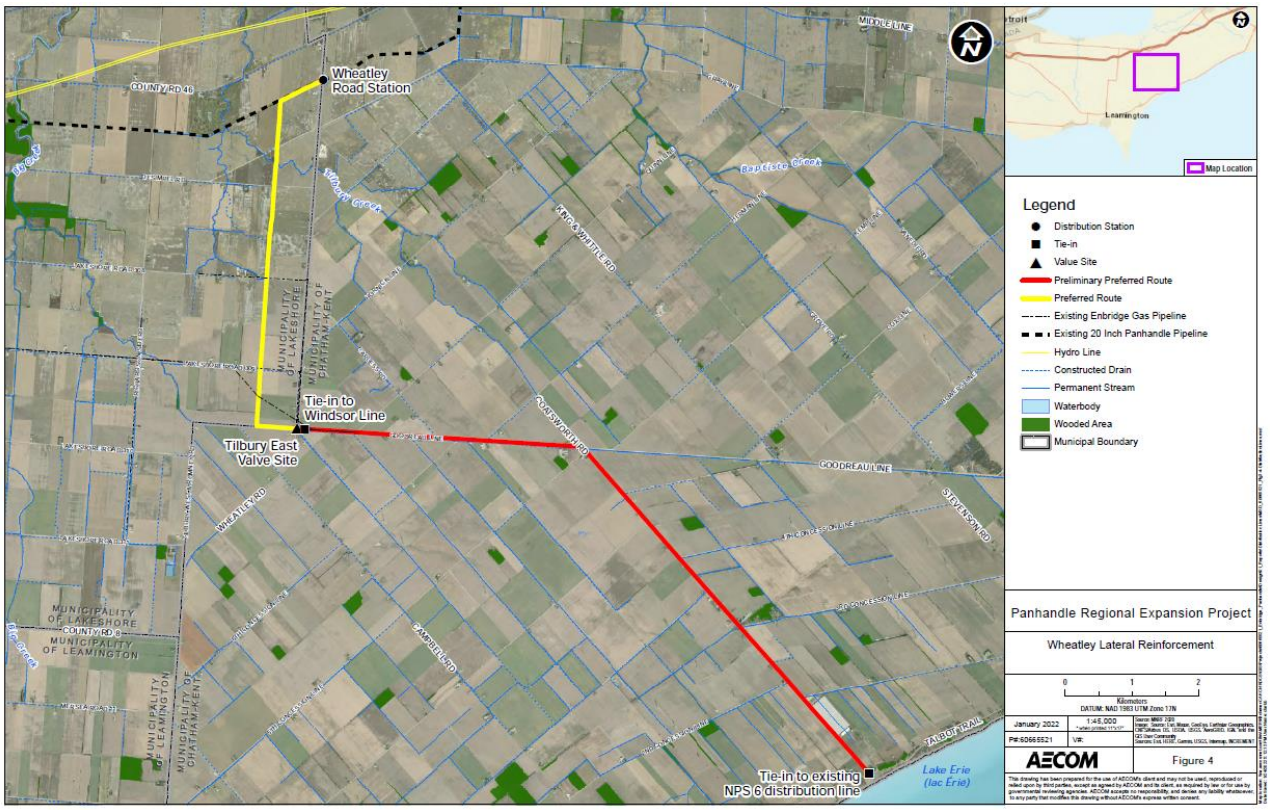
Lauren Whitwham
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Lauren.Whitwham@enbridge.com
Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.
Mark Van der Woerd – AECOM
Kristan Washburn – AECOM


Dover Transmission Station
Lake St. Clair
TECUMSEH RD
COUNTY RD 42
COUNTY RD 46
Tilbury
Proposed Station and Tie-in
401
77
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
Map Location
Panhandle Regional Expansion Project
Panhandle Line Loop
AECOM
Figure 1


Tie-in (Kingsville East Line)
COUNTY RD 8
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
77
Legend
Tie-in
Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundaries
Detroit
Leamington
Map Location
Panhandle Regional Expansion Project
Leamington Interconnect
AECOM
Figure 2


Tie-in to existing NPS 6 distribution line
Tie-in to existing NPS 8 distribution line
Tie-in to existing NPS 6 distribution line
Tie-in to existing NPS 8 distribution line
TALBOT RD E
OAK ST E
Legend
Tie-in
Talbot Road Reinforcement Preliminary Preferred Route
Oak Street and Essex Road 33 Reinforcement Preliminary Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundary
Map Location
Panhandle Regional Expansion Project
Talbot Road Reinforcement and Oak Street and Essex Road Reinforcement
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:12,000
Pit:60665521
AECOM
Figure 3


Wheatley Road Station
COUNTY RD 46
MIDDLE LINE
Tie-in to Windsor Line
Tilbury East Valve Site
GOODREAU LINE
WHEATLEY RD
TALBOT TRAIL
Tie-in to existing NPS 6 distribution line
Lake Erie (lac Erie)
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
Map Location
Panhandle Regional Expansion Project
Wheatley Lateral Reinforcement
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:45,000
Pit:60665521
AECOM
Figure 4

Line-item attachment 3.13

From: Lauren Whitwham
To: Don Richardson
Cc: 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

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 .

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

Line-item attachment 3.15

From: Lauren Whitwham
To: Don Richardson; Philip Lee
Cc: 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

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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 .

If you have comments on the slides, please feel free to send them my way.

Thanks so much,
Lauren

Line-item attachment 3.19

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

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.

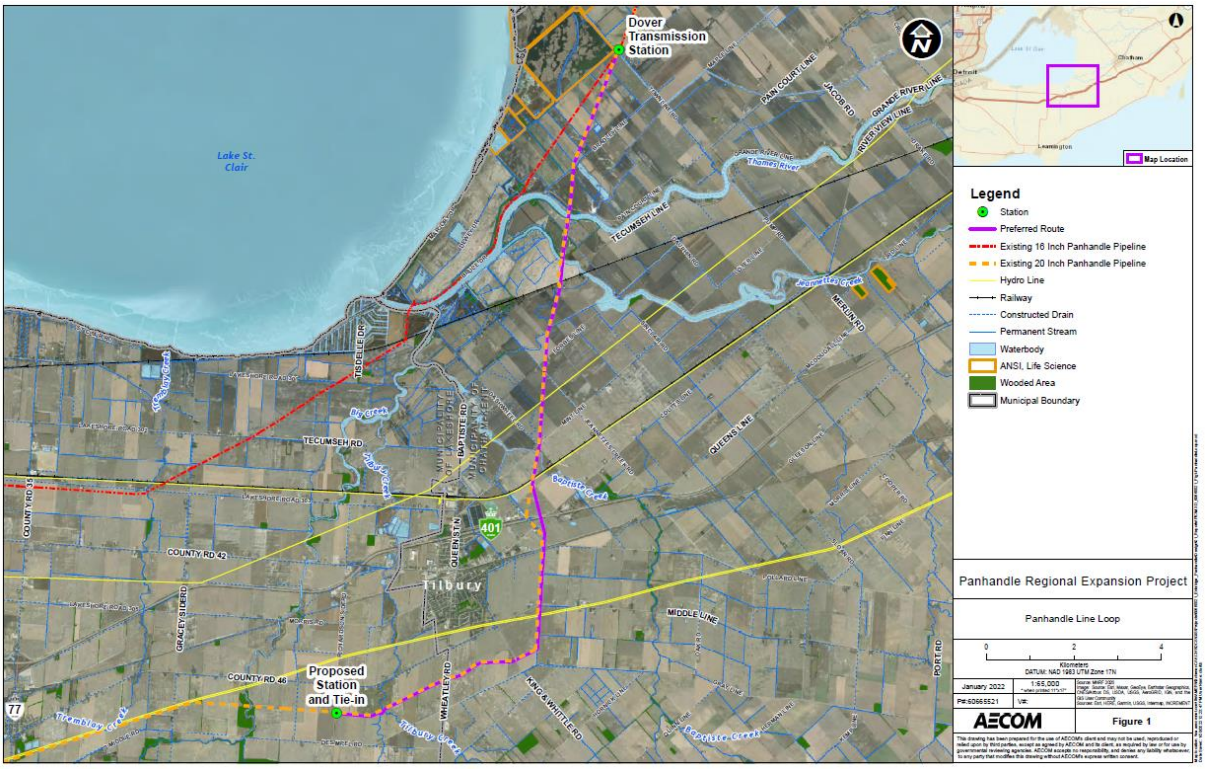
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

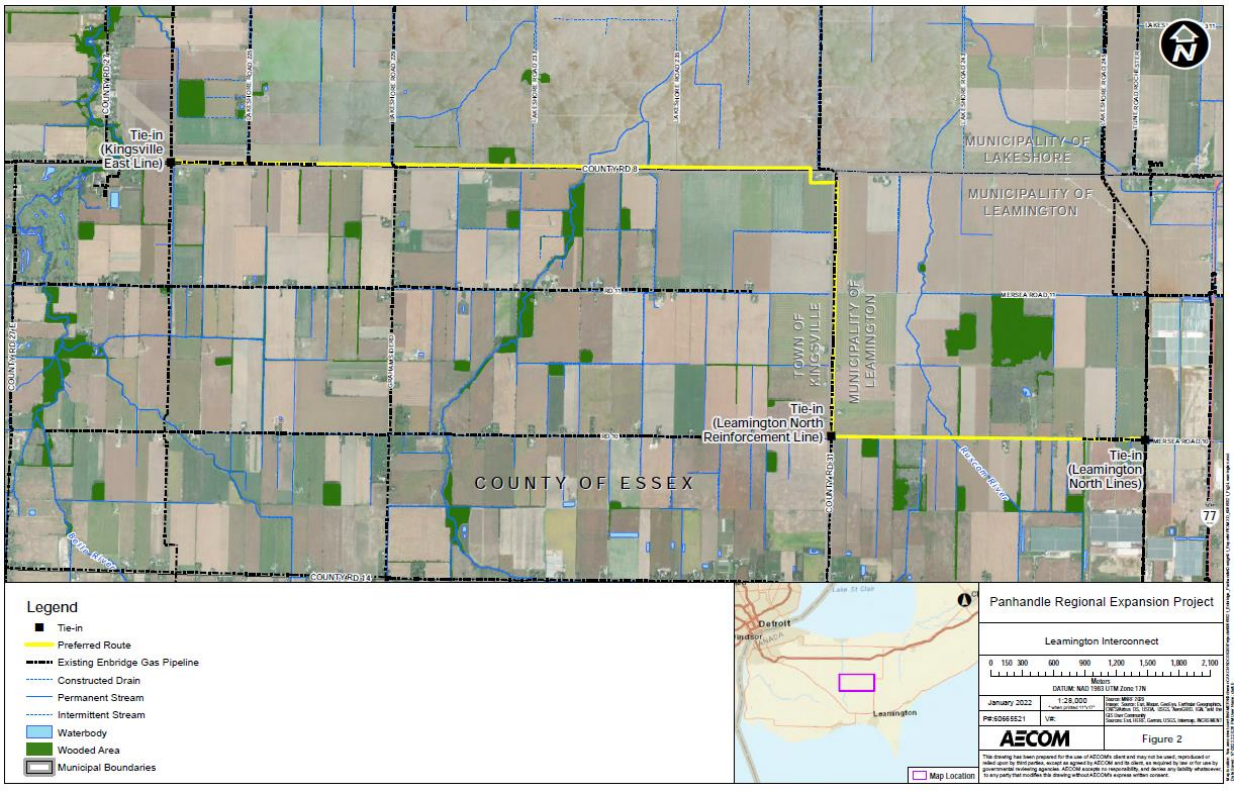
Sincerely,



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


Dover Transmission Station
Lake St. Clair
Thames River
Jeannette Creek
Baptiste Creek
Big Creek
Tilbury
Proposed Station and Tie-in
TECUMSEH RD
COUNTY RD 42
COUNTY RD 46
MIDDLE LINE
QUEENS LINE
TECUMSEH LINE
MERLIN RD
PORT RD
401
77
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
Map Location
Panhandle Regional Expansion Project
Panhandle Line Loop
AECOM
Figure 1


Tie-in (Kingsville East Line)
COUNTY RD 8
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
77
Legend
Tie-in
Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundaries
Map Location
Panhandle Regional Expansion Project
Leamington Interconnect
AECOM
Figure 2

Line-item attachment 3.20

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
109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect. Inclusion.

Line-item attachment 3.22

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

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

Line-item attachment 3.27

From: Consultation
To: Lauren Whitwham
Cc: don.richardson@threefiresgroup.com; Rob Lukacs; Emily Ferguson; Waverley.Birch@threefiresgroup.com; Samantha.Shrubsole@threefiresgroup.com
Subject: [External] CKSPFN Comments - Panhandle Regional Expansion ER
Date: Tuesday, July 5, 2022 5:33:53 PM
Attachments: 2022-07-05-Enbridge_PanhandleEnvironmentalReport_Comments_Final.pdf

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.

Hi Lauren,

Please see attached comments on the Panhandle Regional Expansion Project - Environment Report.

CKSPFN requests that Enbridge respond to these comments in table format for ease of reference to each comment.

Miigwetch,

Sam Shrubsole
Consultation Advisor, CKSPFN

To the attention of:

Lauren Whitwham
Senior Advisor, Community & Indigenous Engagement
Enbridge Inc.

July 5, 2022

Re: Panhandle Regional Expansion Project – Environmental Report

Three Fires Group Inc. is pleased to provide this memorandum on behalf of the Chippewas of Kettle and Stony Point First Nation (CKSPFN). We have reviewed the Environmental Report (ER) for the Panhandle Regional Expansion Project, and our comments are contained below (Table 1).

Table 1. Comments on the Panhandle Regional Expansion Project – Environmental Report (Aecom, 2022)

Reference	Text from ER	Comments
Section 1.2	*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 [...] Chatham-Kent.*	• There is an opportunity to design this pipeline such that it can transport alternative fuels like hydrogen and/or blends of natural gas in the near-term, rather than needing to retrofit the line to make this feasible. Given the profoundly serious impacts of climate change on all aspects of the environment, this is a consideration that should be outlined in the present report. • Enbridge should comment on measures that will be taken to ensure pipeline integrity during alternative fuel transport and blending.
Section 3.6.1	*It should also be noted that four additional comments were received from the public via the interactive mapping tool noting concerns over a species sighting (Western Chorus Frog [Pseudacris triseriata], [...] near the Leamington Interconnect.*	• Enbridge should comment on (1) western chorus frog wildlife and habitat surveys, and (2) measures that will be taken to ensure the protection of the western chorus frog's habitat.

		• The Great Lakes/St. Lawrence population of western chorus frog is threatened in Canada, and as such has a Recovery Strategy under the Species at Risk Act. Main threats to the species are listed as habitat loss and degradation through urban development, climate change, and the expansion and maintenance of linear infrastructure, all of which are features of the proposed project (Environment Canada, 2015). The habitat of this species is also protected in Ontario by the Provincial Policy Statement (PPS) under the *Planning Act*.
Section 4.2.3	*A segment north of Jeannettes Creek, approximately 5km in length, and the north end of the Panhandle Route lies within a Significant Groundwater Recharge Area and a Highly Vulnerable Aquifer (MECP, 2022).*	• Enbridge should include comment(s) as well as mitigation measure(s) in Section '5.3.1.2 Groundwater Resources' that will be taken to ensure and maintain the integrity of groundwater recharge zones and significant groundwater resources. • Enbridge should seek approval from local residents, Indigenous communities, municipal and provincial governments, and conservation authorities prior to building a pipeline nearby and/or above a highly vulnerable aquifer/source of drinking water.
Section 4.3.1.1	*There are twenty-nine watercourses that are crossed by the Panhandle Loop based on a desktop review of relevant aerial imagery and watercourse mapping. They include 11 named drains, 15 unnamed drains, Jeannettes Creek,*	• As stated in the ER, the watercourses crossed by the pipeline will ultimately drain into the Thames River or Lake St. Clair, both of which are of great importance to CKSPFN. Many of the watercourses that drain into Lake St. Clair are already

	Baptiste Creek, and the Thames River. Ultimately, these watercourses drain to the Thames River or Lake St. Clair.	significantly impacted by industrial and agricultural operations in the area, and are in need of protection. • Enbridge should clearly outline how these 29 watercourses will be crossed by the PPR, as well as how any direct impacts to the watercourses will be mitigated. • We have appended CKSPFN's water rights assertion (Band Council Resolution #2851), which declares ownership and jurisdiction of the lakebeds and waterways within the study area. Further information regarding plans for crossing these watercourses should be provided to CKSPFN so that we can more accurately assess any risks to our lands and waters.
Section 4.3.1.3	*Jack's Creek Drain is categorized as a municipal Class D drain meaning it is permanent, has a fall or fall and spring restriction window, and contains sensitive fish. The drain was categorized in 2019 as containing Lake Chubsucker (Erimyzon sucetta – Endangered (END) under SARA, Threatened (THR) under Endangered Species Act (ESA)) and the recently down-listed Special Concern Mapleleaf mussel (Quadrula quadrula – Special Concern (SC) under SARA and ESA). The drain flows North-West for 2.5 km from the crossing before it meets another drain, merges, and then flows into Lake St. Clair. The following fish community is known as Jacks Creek from the LIO*	• CKSPFN asks to be provided with all records and protection plans for sensitive or SAR fish and mussel species within Jack's Creek Drain, as well as all other watercourses crossed by the PPR. Suitable habitat for coolwater fish species is somewhat limited in the area and impacts should be avoided as much as possible.

	dataset (MNDMNRF, 2022). Jacks Creek provides habitat to an assemblage of 28 warmwater and coolwater fish species (Table 4-2) several species of mussels and is characterized overall as having a warmwater thermal regime.	
Section 4.3.2.1	*The PPS, implemented under the Planning Act (1990), protects Provincially Significant Wetlands (PSWs) from development and site alteration while regulations under the Conservation Authorities Act (1990) prohibit certain activities within wetlands (MNRF, 2010). The PPS further specifies that a wetland is considered provincially significant if evaluated as such through the OWES (MNRF, 2014). Until categorized by NDMNRF, wetlands are classified as "unevaluated".*	• It should be noted that unevaluated wetlands are often the result of research gaps, and do not always indicate a lack of importance or ecological value. • Enbridge should look to survey and mitigate effects on both Provincially Significant Wetlands, classified through the OWES, as well as unevaluated wetlands.
Section 4.3.2.2.2	*One woodlot on County Road 8 will be crossed by the pipeline, which may result in some tree clearing.*	• Enbridge should elaborate on its Tree Replacement Program in the ER to ensure appropriate measures are in place to replace the loss of trees, particularly within the woodlot along the Leamington Interconnect. • As per OEB *Environmental Guidelines* (2016), Enbridge should disclose additive effects, specifically forest/woodlot cover losses due to tree clearing for pipeline construction as well as operation and maintenance.
Table 5-4 Potential spread of	*If the pipeline route or an adjacent farm field is identified as having SCN all*	• Enbridge should disclose an approximate location for where said "thorough washing" would occur in

Soybean Cyst Nematode (SCN)	*equipment and boots should be properly cleaned before moving to an area that has not shown to be impacted by SCN. This may involve thorough washing before moving equipment from an impacted field to nonimpacted field.*	the ER to mitigate the downstream effects of washing potentially contaminated equipment (including boots) with SCN. If a location cannot be provided, Enbridge should ensure this information is included in its best practice protocol and approved by landowners of agricultural fields.
Table 5-5 Changes in surface water quality and quantity	N/A	• Enbridge should disclose proposed dewatering mitigation measures, as it relates to changes in surface water quantity since none were present in Table 5-5. • What mitigation measures will be taken – before, during, and after construction – to ensure the biophysical features remain intact whilst dewatering occurs? If damaged, how will fish and invertebrate habitat be restored post-dewatering?
Table 5-5 Changes in surface water quality and quantity	*Restrict construction equipment to designated controlled vehicle access routes to minimize the potential contamination.*	• CKSPFN requests access to all documents for vehicle routes for construction sites along bodies of water (rivers, streams, wetlands, etc). A clear, visual map – with coordinates – should be provided to the CKSPFN Consultation Team.
Table 5-5 Changes in surface water quality and quantity	*Control quantity and quality of stormwater discharge using best management practices.*	• Enbridge should disclose said best management practices in its ER. For instance, an Appendix can outline the best management practices that will be used to mitigate potential impacts of stormwater discharges.
Section 5.3.2.2	*A field investigation of each watercourse crossing will be conducted to determine if fish and/or fish habitat is present.*	• Enbridge should disclose the upstream and downstream distances that will be considered to evaluate and determine the presence of fish and/or fish habitat.

Table 5-11 Effects to traditional Indigenous territories, communities, and practices	*Indigenous communities should be consulted with for any permits where a duty to consult applies.*	• Limiting opportunities to consult Indigenous communities only when the "duty to consult applies" does not recognize the immediate need to respect and promote the rights of Indigenous Peoples affirmed in treaties and the United Nations Declaration on the Rights of Indigenous Peoples (UNDRIP). As such, the Chippewas of Kettle and Stony Point First Nation (CKSPFN) call upon Enbridge to commit to taking effective measures – including administrative, consultation, and cooperation with Indigenous Peoples, and promoting mutual respect and understanding as well as good relations – with CKSPFN and all other treaty Nations throughout the proposed Panhandle project and during future projects.
Section 5.3.3.4	*Potential effects on community services and infrastructure during construction and operation.*	• Beyond the potential effects listed in Section 5.3.3.4 – Community Services and Infrastructure, the ER does not address the possible increase in violence, sexual assault, and harassment towards status and non-status Indigenous women and girls as well as 2SLGBTQIA+ individuals. • Does Enbridge have a Code of Conduct for temporary workers (including third party contractors) working in non-local project areas? • MMIWG Calls to Justice for Extractive and Development Industries: 13.1 *We call upon all resource-extraction and development industries to*

		consider the safety and security of Indigenous women, girls, and 2SLGBTQQIA people, as well as their equitable benefit from development, at all stages of project planning, assessment, implementation, management, and monitoring.
Table 5-12	*Given the available capacity of the local community services and infrastructure, along with the implementation of the mitigation measures, no significant adverse residual effects on community services and infrastructure are anticipated.*	• Although no significant adverse residual effects on community services and infrastructure have been documented in the ER, we call upon Enbridge to provide social capacity for Indigenous communities, if demand limits a community's ability to seek the services they require. • MMIWG Calls to Justice for Extractive and Development Industries: 13.2 *We call upon resource-extraction and development industries and all governments and service providers to anticipate and recognize increased demand on social infrastructure because of development projects and resource extraction, and for mitigation measures to be identified as part of the planning and approval process. Social infrastructure must be expanded and service capacity built to meet the anticipated needs of the host communities in advance of the start of projects. This includes but is not limited to ensuring that policing, social services, and health services are adequately staffed and resourced.*
Table 5-13 Restricted land access	*Any municipal approvals required for land restrictions and haul routes.*	• Enbridge should notify CKSPFN – well in advance – about any land restrictions throughout the development, construction,

		operation, and maintenance of the proposed Panhandle project.
Section 6.2	*Since the project is not predicted to have net effects during operations, only the construction, operation and/or decommissioning of future developments occurring before the completion of construction were considered in the assessment of cumulative effects.*	• Given that fugitive emissions (i.e., the unintentional and undesirable emissions, leakage, or discharge of gases or vapors from storage tanks, pipelines, wells, or other pieces of infrastructure) as well as "integrity digs" will likely occur during operations, it is not reasonable to conclude that the project will have no net effects during operations. • Enbridge should clarify this statement and indicate that the project **will** have net additive effects during its operational lifecycle. As such, Enbridge should (1) reconsider the study boundaries of the Panhandle project and (2) include an analysis of cumulative effects during the operation of this project within the ER. • CKSPFN is aware that the following projects will be adjacent to the Panhandle Regional Expansion Project with potential construction schedule overlaps, and as such Enbridge should include these projects in the cumulative effects assessment, including attention to effects on Agricultural Resources, Cultural Heritage Resources, Land Use and Communities, Natural Environment Resources (physical, atmospheric, surface water, groundwater, source water protection, designated or special natural areas, vegetation, fish and fish habitat, woodlands, species at risk, wildlife habitat,

		invasive species), Indigenous Community VECs and Interests, Recreational Resources, Visual and Aesthetic Resources, and Built Environment Infrastructure such as infrastructure crossings, and interactions with wind turbines, roads/highways/bridges, other pipelines, etc.: o Hydro One Networks Inc. - Chatham Switching Station o Hydro One Networks Inc. - Lake shore Transmission Stations Project Leamington Transformer Junction o Hydro One Networks Inc. - Chatham to Lakeshore Transmission Line o Hydro One Networks Inc. - St. Clair Transmission Line o Highway 401 Improvements - Tilbury to London o Enbridge - Dawn to Corunna

Sincerely,

CKSPFN Consultation Office
consultation@kettlepoint.org

Chippewas of Kettle & Stony Point First Nation
6247 Indian Lane
Kettle & Stony Point FN, Ontario, Canada N0N 1J1

Affaires autochtones et du Nord Canada
JUIN JUN 8 2017
Canada Indigenous and Northern Affairs

Wednesday, May 31, 2017

Minister Carolyn Bennett
Indigenous Affairs and Northern
Development Canada
Terrasses de la Chaudiere
10 Wellington, North Tower
Gatineau, Quebec
K1A 0H4

Dear Minister Bennett:

Re: Chippewas of Kettle and Stony Point First Nation Band Council Resolution # 2851

Enclosed please find the Chippewas of Kettle and Stony Point First Nation BCR #2851 regarding the affirmation of the First Nation's declaration of ownership to the lakebeds and waterways located within our traditional land base.

Please direct inquiries to Chief Thomas Bressette at your convenience.

Sincerely,

Toni George
Council Assistant

Attach. (1)

c: Ministry of Indigenous Relations & Reconciliation
Ministry of Natural Resources
Ministry of Environment
Municipality of Lambton Shores

T17203

Ph: 519-786-2125 Toll Free: 1-877-787-5213 Fax: 519-786-2108 http://www.kettlepoint.org

FIRST NATION COUNCIL RESOLUTION

REFERENCE NO. 2851	DATE OF DULY CONVENED MEETING: 2017 / 05 / 29 (YEAR/MONTH/DAY)	PROVINCE OF ONTARIO

THE CHIPPEWAS OF KETTLE AND STONY POINT FIRST NATION DO HEREBY RESOLVE:

WHEREAS the "Chippewas Nation of Indians and His Majesty King George IV as represented by the Superintendent of Indian Affairs" entered into the Provisional Agreement of 1825 and Treaty of 1827 regarding a certain tract of land in Southwestern Ontario and which surrendered certain parts of the tract and created the Reserves designated as Kettle Point #44 and Stony Point #43; and,

WHEREAS in neither agreement or Treaty was there a surrender of the waterways known as Lake Huron including the lakebed or any other waterways within the traditional territory; and

WHEREAS under Aboriginal and Treaty Rights, the Chippewas of Kettle and Stony Point First Nation assert ownership and jurisdiction over said waterways to the International Boundary and the land underlying the waterways (lakebed); and

WHEREAS the Chippewas of Kettle and Stony Point First Nation make DECLARATION to the waterways and lakebeds in its traditional territory including the waterway known as Lake Huron to the International Boundary, and including the lands under the waterway of Lake Huron known as the lakebed; and

WHEREAS the Lake Huron waterways are described as the point of intersection of the surrendered lands with Lake Huron as its most northerly point, extending directly out into Lake Huron to the International Boundary, then running along the International Boundary to the southerly limit of the herein described lands at the water's edge of the St. Clair River, and the land underlying this portion of Lake Huron (lakebed) and assert this waterway and lakebed has never been surrendered; and

THEREFORE BE IT RESOLVED THAT the Chippewas of Kettle and Stony Point First Nation hereby notify each government- Federal, Provincial and Municipal, company, individual, or groups of individuals, and any others who use or who plan to use any part or portion of this territory that they must disclose their use to the First Nation, and seek express permission from the government of the First Nation, namely the elected Chief and Council for the proposed usage; and

FINALLY THEREFORE BE IT RESOLVED the Chief and Council of the Chippewas of Kettle and Stony Point First Nation pass and affirm this "DECLARATION TO THE WATERWAYS AND LAKEBEDS WITHIN ITS TRADITIONAL TERRITORY FOR THE MANAGEMENT, USE AND ENJOYMENT OF THE FIRST NATION AND ITS PEOPLES" as confirmed within the First Nation's Aboriginal and Treaty Rights.

QUORUM 6

(CHIEF)

(COUNCILLOR) (COUNCILLOR) (COUNCILLOR)

(COUNCILLOR) (COUNCILLOR) (COUNCILLOR)

(COUNCILLOR) (COUNCILLOR) (COUNCILLOR)

Line-item attachment 3.31

Three Fires Group and Enbridge Gas meeting – July 19, 2022			
	TFG Question/Comment	Enbridge Gas Response/Comment	Follow up items from meeting
1.	Three Fires Group (TFG) asked to be informed if Enbridge Gas proceeds with originally proposed distribution lines for the Panhandle project, as they would like to be consulted on them as early as possible in the process.	Enbridge Gas agreed to meet early to discuss the proposed distribution lines for the Panhandle project if these proceed.	
2.	TFG asked when they would be receiving the ER comments for Panhandle that were sent to EGI on July 5, 2022	Enbridge Gas advised that they were working on the responses and should have drafts this week from the environmental consultants. Enbridge Gas committed to providing the Panhandle responses by July 29; however, due to vacations, this might not be feasible and Enbridge Gas would provide an update next week.	Enbridge Gas provided an update on Wednesday, July 27 that the responses would be provided the following week.
3.	TFG asked what the need was for the Project? Was it driven by large development such as the battery plant or Greenhouses?	Enbridge Gas advised that the need for the Panhandle Project stemmed from an increased need for gas supply in the general region. Greenhouses were a factor driving the need for gas supply. Enbridge	In the OEB application for the Project, Exhibit B Tab 1 Schedule 1, the need is described as follows: 11. Enbridge Gas launched an Expression of Interest ("EOI") process in February 2021 to formally gauge interest for incremental growth on the Panhandle system. 15. Of the 44 bid forms received, 43 of the requests for additional capacity were from customers in the greenhouse

		Gas advised they would take the question away and confirm.	sector and one request was from a large power generator (Brighton Beach Power L.P. (doing business as Atura Power ("Atura")). 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.
4.	TFG asked if the need for the Project was power generation specific	The Enbridge Gas representative advised they were not aware of any power generation that was needing additional gas supply from this Project but would confirm.	Please see the response above.
5.	TFG asked for the shape files for both the Dawn Corunna and Panhandle Project	The Enbridge Gas representative advised they would supply the shape files.	The shape files for the Panhandle Project were provided on Monday, July 25. The shape files for Dawn Corunna were provided on July 28.
6.	TFG advised that all Enbridge Gas correspondence with CKSPFN go through the consultation inbox	The Enbridge Gas representative confirmed they would send correspondence through the requested inbox.	
7.	The TFG representative asked about the cumulative effects assessment and why it is only limited to the construction phase of the project and not the operations phase.	The Enbridge Gas representative advised that he would follow up with a response.	This question will be addressed in the ER response table.
8.	The TFG representative asked about figure 1 (Panhandle Loop: Route Alternative Study	The Enbridge Gas representative advised	The Route Alternative Study Area is defined and explained in Section 2.2.1 of the ER.

	Area) and figure 2 (Panhandle preliminary). Why were the study boundaries used?	they would go back to Aecom to get a response.	
9.	The TFG representative advised that GHG and fugitive emissions within the CKSPFN traditional territory were a concern. The TFG asked about the anticipated fugitive emissions form the Project.	The Enbridge Gas representative advised they would seek out and provide a response.	Enbridge Gas has estimated that the incremental fugitive and vented (including integrity digs) emissions due to this project are approximately 238 tCO2e/yr. This considers emissions due to operations only.
10.	The TFG representative asked if we were transporting anything other than natural gas within the pipeline?	The Enbridge Gas representative advised that the line was for Natural Gas. The Enbridge Gas representative advised that they would also provide a response to this question within the response to the ER.	It is important to clarify that the compatibility of steel transmission pipelines with blended or pure hydrogen remains under active investigation. While Enbridge Gas is evaluating the general compatibility of materials and systems up to 100% hydrogen, the upper limit has not yet been determined. These efforts underscore Enbridge Gas's proactive steps in working to ensure the gas grid of the future is able to deliver a lower carbon fuel to its customers. Partial or full conversion to hydrogen will necessitate enhanced integrity management programs and operational changes to ensure continued safety and reliability. Enbridge Gas is actively engaged with governments, research agencies and partners across the globe to accelerate the transition towards net-zero while keeping safety, affordability and reliability top of mind.
11.	TFG asked about the mitigations for water crossings and requested review of water crossing specific mitigations based on the CKSPFN water assertion. When would these documents be available for review?	The Enbridge Gas representative advised that the draft EPP is not yet complete and will be updated as permits, like the water crossing permits, are obtained and permit conditions are known. The Enbridge Gas representative advised that we could send them the Generic Sediment Control Plans that will be adhered to at this time.	Enbridge Gas provided the Generic Sediment Control Plans for Dam & Pump crossings, HDD crossings, and temporary vehicle crossings (culverts and bridges), which were requested by CKSPFN when providing the minutes back on August 2, 2022.

Line-item attachment 3.36

From: Lauren Whitwham <Lauren.Whitwham@enbridge.com>
Sent: Wednesday, July 27, 2022 11:36 AM
To: Consultation <consultation@kettlepoint.org>
Subject: Update: outstanding information

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 Emily,

I wanted to provide some updates on the information outstanding. We are working hard to get the information together however, we are a bit slower right now due to vacation time and regulatory proceedings.

- I believe that the link to the information the London Lines Replacement Project (LLRP) archaeology was sent to you via Tanya Turk. If you have not received, please let me know. The LLRP ER is available on the Enbridge Gas website London Lines Replacement Project | Enbridge Gas under 'Regulatory Information'. The Stage 1 AA is also included within the ER.

- The responses to the Dawn Corunna and Panhandle environmental review are taking a bit longer than I had wanted. I won't be able to meet the July 29 timeframe I wanted for Panhandle. I continue to push internally for responses and can provide an update on their status next week.

- I have flipped you the shapefile for Panhandle and I have internally requested the Dawn Corunna shapefile.

Thanks for your patience and I'll update you as soon as I have additional information available.

Thanks,
Lauren

Line-item attachment 3.42

From: Lauren Whitwham
To: Consultation
Cc: don.richardson@threefiresgroup.com
Subject: Panhandle Regional Expansion Project: ER responses
Date: Thursday, August 18, 2022 4:36:13 PM
Attachments: CKSPFN ER comments Panhandle Enbridge FINAL.pdf

Good afternoon,

Hope this finds you well.

Please find attached our responses to the comments you provided on the Panhandle Regional Expansion Project environmental report.

We would you be happy to set up a meeting to discuss the response comments and answer any further questions you might have, once you have had time to review them.

Thanks so much,
Lauren

Enbridge Gas Inc.'s ("Enbridge Gas") Response to Chippewas of Kettle & Stoney Point First Nation's Comments received July 5, 2022 re: Environmental Report on the Panhandle Regional Expansion Project ("Project")

Table 1. Comments on the Panhandle Regional Expansion Project – Environmental Report ("ER")

Reference	Text from ER	Comments	Enbridge Gas Response
Section 1.2	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 [...] Chatham-Kent.	- There is an opportunity to design this pipeline such that it can transport alternative fuels like hydrogen and/or blends of natural gas in the near-term, rather than needing to retrofit the line to make this feasible. Given the profoundly serious impacts of climate change on all aspects of the environment, this is a consideration that should be outlined in the present report. - Enbridge should comment on measures that will be taken to ensure pipeline integrity during alternative fuel transport and blending.	The compatibility of steel transmission pipelines with blended or pure hydrogen remains under active investigation. While Enbridge Gas is evaluating the general compatibility of materials and systems up to 100% hydrogen, the upper limit has not yet been determined. These efforts underscore Enbridge Gas's proactive steps in working to ensure the gas grid of the future is able to deliver a lower carbon fuel to its customers. Partial or full conversion to hydrogen will necessitate enhanced integrity management programs and operational changes to ensure continued safety and reliability. Enbridge Inc., including Enbridge Gas, is actively engaged with governments, research agencies and partners across the globe to accelerate the transition towards net-zero while keeping safety, affordability, and reliability top of mind.
Section 3.6.1	It should also be noted that four additional comments were received from the public via the interactive mapping tool noting concerns over a species sighting (Western Chorus Frog [Pseudacris triseriata], [...] near the Leamington Interconnect.	- Enbridge should comment on (1) western chorus frog wildlife and habitat surveys, and (2) measures that will be taken to ensure the protection of the western chorus frog's habitat. - The Great Lakes/St. Lawrence population of western chorus frog is threatened in Canada, and as such has a Recovery Strategy under the Species at Risk Act. Main threats to the species are listed as habitat loss and degradation through urban development, climate change, and the expansion and maintenance of linear infrastructure, all of which are features of the proposed	The ecology team has made note of the sighting of Western Chorus Frog, reported through the interactive mapping tool. Ecological field surveys have been completed in 2022 to investigate species presence and significant wildlife habitat (SWH) in the vicinity of the Project Study Areas (PSAs). As stated in Section 4.3.3.1 of the Environmental Report (ER) the Western Chorus Frog is not a provincial Species at Risk (SAR) in the geography where it was noted to occur. However, the species is considered a SAR federally when projects occur on federal lands. Although these [non-SAR] species are not afforded protection under the provincial Endangered Species Act, effects to these species need to be considered as their habitat may be designated as significant, such as amphibian breeding habitat.

		project (Environment Canada, 2015). The habitat of this species is also protected in Ontario by the Provincial Policy Statement (PPS) under the Planning Act.	The anticipated effects on these [non-SAR] species are likely limited as the majority of the Project area is composed of agricultural fields with natural areas largely limited to hedgerows or narrow strips of woodlots and riparian areas of agricultural drains. Additionally, both pipelines parallel or follow existing infrastructure (roads, existing pipeline easements), limiting new effects to undisturbed lands. Ecological land classification surveys, and targeted surveys for SAR such as habitat assessments have further refined areas of suitable significant wildlife habitat (SWH). Mitigation measures noted in Table 5-9 of the ER will be employed to limit effects to these candidate features. Some of these mitigation measures include Installing and maintaining sediment and erosion controls such as silt fence barriers, rock flow check dams, compost filter socks or approved alternative along the edge of the construction footprint area if within 30 m of a wetland or waterbody where appropriate, obeying site speed limits identified in plans for traffic management and adhering to applicable timing windows (e.g., bat roosting window of April 1 to October 1).
Section 4.2.3	A segment north of Jeannettes Creek, approximately 5km in length, and the north end of the Panhandle Route lies within a Significant Groundwater Recharge Area and a Highly Vulnerable Aquifer (MECP, 2022).	- Enbridge should include comment(s) as well as mitigation measure(s) in Section '5.3.1.2 Groundwater Resources' that will be taken to ensure and maintain the integrity of groundwater recharge zones and significant groundwater resources. - Enbridge should seek approval from local residents, Indigenous communities, municipal and provincial governments, and conservation authorities prior to building a pipeline nearby and/or above a highly vulnerable aquifer/source of drinking water.	Potential effects and mitigation measures to groundwater resources are summarized in ER Table 5-1. Through the implementation of mitigation measures, no significant adverse residual effects on groundwater are anticipated. This includes the Significant Groundwater Recharge Area and Highly Vulnerable Aquifer identified in ER Section 4.2.3. Impacts are not anticipated beyond the Project footprint based on the mitigation measures recommended in section 5.3.1.2 and potential impacts on aquatic resources will be addressed through the permitting process. Enbridge Gas is seeking leave to construct from the Ontario Energy Board in accordance with applicable legislation and will obtain any legally required permits to undertake the Project. Enbridge Gas offers capacity funding to Indigenous communities we are engaged with to support in meaningful consultation on projects.
Section 4.3.1.1	There are twenty-nine watercourses that are crossed by the Panhandle Loop based on a desktop review of relevant aerial imagery and watercourse mapping. They include 11 named drains, 15 unnamed drains, Jeannettes Creek, Baptiste Creek, and the Thames River. Ultimately, these watercourses drain to the Thames River or Lake St. Clair.	- As stated in the ER, the watercourses crossed by the pipeline will ultimately drain into the Thames River or Lake St. Clair, both of which are of great importance to CKSPFN. Many of the watercourses that drain into Lake St. Clair are already significantly impacted by industrial and agricultural operations in the area, and are in need of protection. - Enbridge should clearly outline how these 29 watercourses will be crossed by the PPR, as well as how any direct impacts to the watercourses will be mitigated. - We have appended CKSPFN's water rights assertion (Band Council Resolution #2851), which declares ownership and jurisdiction of the lakebeds and waterways within the study area. Further information regarding plans for crossing these watercourses should be provided to CKSPFN so that we can more accurately assess any risks to our lands and waters.	At this point it is determined that the majority of watercourse crossings will be completed using Isolated Open-Cut (i.e., dam & pump) methods. The remaining watercourses (e.g., Jeannettes and Baptiste Creek, the Thames River, and some smaller watercourses close to roadways, etc.) will be installed using trenchless methods (i.e., HDD or direct pipe). Table 5-5 summarizes mitigation measures for surface waters, including watercourse crossings. With the implementation of mitigation measures, no significant adverse residual effects on surface water are anticipated during construction or operation of the project. Watercourse crossings will adhere to the sediment control plans for Dam & Pump and Horizontal Direction Drill. Culverts and bridges will be installed in adherence to the sediment control plan for temporary vehicle crossings. The sediment control plans for Dam & Pump and Horizontal Direction Drill were sent to TFG on August 2, 2022. Enbridge Gas would be pleased to hold additional meetings with CKSPFN representatives to further explain and discuss planned Project watercourse crossings and work in the area of watercourses as well as to answer any questions regarding the above-referenced sediment control plans and mitigation measures.
Section 4.3.1.3	Jack's Creek Drain is categorized as a municipal Class D drain meaning it is permanent, has a fall or fall and spring restriction window, and contains sensitive fish. The drain was categorized in 2019 as containing Lake Chubsucker (Erimyzon sucetta – Endangered (END) under SARA, Threatened (THR) under Endangered	- CKSPFN asks to be provided with all records and protection plans for sensitive or SAR fish and mussel species within Jack's Creek Drain, as well as all other watercourses crossed by the PPR. Suitable habitat for coolwater fish species is somewhat limited in the area	Ecological field surveys have been completed in 2022 to enhance the understanding of watercourse crossings and their potential for fish and mussel SAR and SAR habitat. Enbridge Gas will provide CKSPFN with a report summarizing the SAR field survey findings. Enbridge Gas will consult with CKSPFN as part of relevant Department of Fisheries and Oceans Canada (DFO) and the Ministry of the Environment, Conservation and Parks (MECP)

	Species Act (ESA)) and the recently downlisted Special Concern Mapleleaf mussel (Quadrula quadrula – Mapleleaf Special Concern (SC) under SARA and ESA). The drain flows North-West for 2.5 km from the crossing before it meets another drain, merges, and then flows into Lake St. Clair. The following fish community is known as Jacks Creek from the LIO dataset (MNDMNRF, 2022). Jacks Creek provides habitat to an assemblage of 28 warmwater and coolwater fish species (Table 4-2) several species of mussels and is characterized overall as having a warmwater thermal regime.	and impacts should be avoided as much as possible.	applications should these permits be required e.g., Species at Risk Act (SARA), and Endangered Species Act (ESA). As stated in ER Section 4.3.1.3, all the Threatened and Endangered species within the study area receive protection under both the provincial ESA and federal SARA. Additional correspondence with regulators/permitting agencies will be required for any additional aquatic SAR identified or if a watercourse containing provincially or federally listed SAR will be affected by the Project.
Section 4.3.2.1	The PPS, implemented under the Planning Act (1990), protects Provincially Significant Wetlands (PSWs) from development and site alteration while regulations under the Conservation Authorities Act (1990) prohibit certain activities within wetlands (MNRF, 2010). The PPS further specifies that a wetland is considered provincially significant if evaluated as such through the OWES (MNRF, 2014). Until categorized by NDMNRF, wetlands are classified as "unevaluated".	- It should be noted that unevaluated wetlands are often the result of research gaps, and do not always indicate a lack of importance or ecological value. - Enbridge should look to survey and mitigate effects on both Provincially Significant Wetlands, classified through the OWES, as well as unevaluated wetlands.	Agree. Section 4.3.2, Designated Natural Areas and Vegetation of the Environmental Report provides an overview of the various types of wetlands, and whether they are traversed by the Project. The Environmental Report assesses the impacts of the Project on all wetland types, and the mitigation for wetlands as provided in Tables 5.1, 5.3, 5.8, and 5.9 applies to all wetland types.
4.3.2.2.2	One woodlot on County Road 8 will be crossed by the pipeline, which may result in some tree clearing.	- Enbridge should elaborate on its Tree Replacement Program in the ER to ensure appropriate measures are in place to replace the loss of trees, particularly within the woodlot along the Leamington Interconnect. - As per OEB Environmental Guidelines (2016), Enbridge should disclose additive	Where feasible, in consultation with directly impacted landowners, Enbridge Gas will restore the lands to pre-existing conditions with the exception of woodlands and trees within the permanent easement. Enbridge Gas committed to implementing a tree replacement program that replants woodland removed with seedlings of native species that are guaranteed until they reach free to grow status. This program was planned at a ratio of 2:1 for the woodland areas removed and will now be increased to
		effects, specifically forest/woodlot cover losses due to tree clearing for pipeline construction as well as operation and maintenance.	3:1 (trees to be replaced on a 3:1 area basis at 1000 tree seedlings per acre). Directly impacted landowners are given first right of refusal for the tree planting under this program. If landowners are not interested in planting trees on their property, Enbridge Gas will work with Indigenous communities and local conservation authorities to find suitable locations to plant trees.
Table 5-4 Potential spread of Soybean Cyst Nematode (SCN)	If the pipeline route or an adjacent farm field is identified as having SCN all equipment and boots should be properly cleaned before moving to an area that has not shown to be impacted by SCN. This may involve thorough washing before moving equipment from an impacted field to nonimpacted field.	- Enbridge should disclose an approximate location for where said "thorough washing" would occur in the ER to mitigate the downstream effects of washing potentially contaminated equipment (including boots) with SCN. If a location cannot be provided, Enbridge should ensure this information is included in its best practice protocol and approved by landowners of agricultural fields.	Enbridge Gas will commit to establishing best practice protocol for controlling Soybean Cyst Nematode (SCN) spread and sharing this protocol with landowners of agricultural fields.
Table 5-5 Changes in surface water quality and quantity	N/A	- Enbridge should disclose proposed dewatering mitigation measures, as it relates to changes in surface water quantity since none were present in Table 5-5. - What mitigation measures will be taken – before, during, and after construction – to ensure the biophysical features remain intact whilst dewatering occurs? If damaged, how will fish and invertebrate habitat be restored post-dewatering?	The potential impacts from dewatering and surface water takings will be evaluated once the detailed design of the Project is complete. Enbridge Gas will obtain a permit from the MECP for the water taking (Environmental Activity and Sector Registry [EASR] or Permit to Take Water [PTTW]) and complete detailed modelling and mitigation plans in support of that permit and in accordance with MECP requirements when construction details become available. For these reasons, the proposed pipeline construction at the Panhandle Regional Expansion Site is considered to have a low potential for impacts to hydrogeological features.

			CKSPFN will be consulted as part of relevant DFO and MECP applications should these permits be required e.g., SARA, ESA or PTTW.
Table 5-5 Changes in surface water quality and quantity (cont.)	Restrict construction equipment to designated controlled vehicle access routes to minimize the potential contamination.	- CKSPFN requests access to all documents for vehicle routes for construction sites along bodies of water (rivers, streams, wetlands, etc.). A clear, visual map – with coordinates – should be provided to the CKSPFN Consultation Team.	Enbridge Gas will commit to establishing vehicle routes for construction sites to minimize the potential for watercourse contamination and will share this information with CKSPFN.
Table 5-5 Changes in surface water quality and quantity (cont.)	Control quantity and quality of stormwater discharge using best management practices.	- Enbridge should disclose said best management practices in its ER. For instance, an Appendix can outline the best management practices that will be used to mitigate potential impacts of stormwater discharges.	Best management practices include the use of filtration tubs, sediment bags, discharge being setback a minimum of 30 metres from a waterbody, and oversight from a full-time environmental inspector. This information will be included in the Environmental Protection Plan.
Section 5.3.2.2	A field investigation of each watercourse crossing will be conducted to determine if fish and/or fish habitat is present.	- Enbridge should disclose the upstream and downstream distances that will be considered to evaluate and determine the presence of fish and/or fish habitat.	The established right-of-way, plus 25 m upstream and downstream of the right-of-way limits, was assessed for the presence of fish and/or fish habitat. Qualified Environmental Practitioners (QEP) have completed ecological field investigations to determine if fish and/or fish habitat are present, to ensure that the field assessments are scientifically defensible and adhere to established procedures and regulatory requirements.
Table 5-11 Effects to traditional Indigenous territories, communities, and practices	Indigenous communities should be consulted with for any permits where a duty to consult applies.	- Limiting opportunities to consult Indigenous communities only when the "duty to consult applies" does not recognize the immediate need to respect and promote the rights of Indigenous Peoples affirmed in treaties and the United Nations Declaration on the Rights of Indigenous Peoples (UNDRIP). As such, the Chippewas of Kettle and Stony Point First Nation (CKSPFN) call upon Enbridge to commit to taking effective measures – including administrative, consultation, and cooperation with Indigenous Peoples, and promoting mutual respect and understanding as well as good relations – with CKSPFN and all other treaty Nations throughout the proposed Panhandle project and during future projects.	Enbridge Gas is committed to engaging meaningfully with Indigenous Nations on an ongoing basis throughout the lifecycle of the Project including the operational phase. As articulated in Enbridge Inc.'s Indigenous Peoples Policy, Enbridge Gas respects the unique rights of Indigenous Peoples, Treaties and UNDRIP. Enbridge Gas is committed to meaningful engagement on proposed and future projects with Indigenous communities. We look forward to continuing to engage with TFG, CKSPFN and other Nations on the proposed Project, including its operations phase, and during future Enbridge Gas projects. If there are specific measures that CKSFPN would like to see initiated, we would be happy to discuss further. Enbridge Gas commenced consultation with CKSPFN on the Project October 15, 2021 and is engaged in ongoing discussions and information exchange. Enbridge Gas welcomes specific feedback that CKSPFN and other Nations may have, on the Project to avoid or mitigate any impacts the Project may have on aboriginal rights and interests.
Section 5.3.3.4	Potential effects on community services and infrastructure during construction and operation.	- Beyond the potential effects listed in Section 5.3.3.4 – Community Services and Infrastructure, the ER does not address the possible increase in violence, sexual assault, and harassment towards status and non-status Indigenous women and girls as well as 2SLGBTQIA+ individuals. - Does Enbridge have a Code of Conduct for temporary workers (including third party contractors) working in non-local project areas? - MMIWG Calls to Justice for Extractive and Development Industries: *13.1 We call upon all resource-extraction and development industries to consider the safety and security of Indigenous women, girls, and 2SLGBTQQIA people, as well as their equitable benefit from development, at all stages of project planning, assessment,*	There would be no anticipated residual effects due to the Project's scope, anticipated existing local tradesperson workforce, and short duration of active construction timeline of approximately six months coupled with the requirements of Enbridge Gas' Supplier Code of Conduct. Enbridge Gas' general contractors are required to follow Enbridge policies including the Supplier Code of Conduct, which states "Enbridge believes that each individual with whom we come in contact deserves to be treated fairly, honestly, and with dignity. We do not condone any form of harassment, discrimination, or inappropriate actions or language of any kind." Drug and Alcohol Programs, Respectful Workplace Training and Indigenous Peoples Awareness Training are specific to the Construction Contractor(s) that will construct the projects, which haven't been selected yet.

		implementation, management, and monitoring.	Enbridge Gas would welcome an elder or a cultural representative from CKSPFN to share their knowledge specific to the region with the Project team. Should CKSPFN have further suggestions based on local and regional experiences and best practices, Enbridge encourages information sharing in this regard.
Table 5-12	Given the available capacity of the local community services and infrastructure, along with the implementation of the mitigation measures, no significant adverse residual effects on community services and infrastructure are anticipated.	- Although no significant adverse residual effects on community services and infrastructure have been documented in the ER, we call upon Enbridge to provide social capacity for Indigenous communities, if demand limits a community's ability to seek the services they require. - MMIWG Calls to Justice for Extractive and Development Industries: *13.2 We call upon resource-extraction and development industries and all governments and service providers to anticipate and recognize increased demand on social infrastructure because of development projects and resource extraction, and for mitigation measures to be identified as part of the planning and approval process. Social infrastructure must be expanded and service capacity built to meet the anticipated needs of the host communities in advance of the start of projects. This includes but is not limited to ensuring that policing, social services, and health services are adequately staffed and resourced*	While no significant adverse residual effects on community services and infrastructure are anticipated, in the event that such effects materialized, Enbridge Gas would work in consultation with the Indigenous community to mitigate those impacts. Indigenous communities are able to apply for funding through Enbridge Inc.'s corporate citizenship program. Enbridge Gas would be happy to discuss this program with CKSPFN and has provided the link to the application for funding. https://www.enbridge.com/About-Us/Our-Values/Corporate-citizenship/Apply-For-Funding.aspx In addition, through its lifecycle engagement program, Enbridge Gas enters into long term relationship agreements designed to support operational engagement, provide capacity funding as needed, and offers Project-related agreements when appropriate. Should CKSPFN have further suggestions based on local and regional experiences and best practices, Enbridge Gas encourages information sharing in this regard.

Table 5-13 Restricted land access	Any municipal approvals required for land restrictions and haul routes	- Enbridge should notify CKSPFN – well in advance – about any land restrictions throughout the development, construction, operation, and maintenance of the proposed Panhandle project.	Enbridge Gas is currently seeking all municipalities approvals for road crossings and drain crossings. Meetings have been held with municipalities to review alignments and proposed haul routes, and the municipalities have no concerns at this time. Enbridge Gas continues to meet with municipalities regarding open cut vs. trenchless methods and depths.
Section 6.2	Since the project is not predicted to have net effects during operations, only the construction, operation and/or decommissioning of future developments occurring before the completion of construction were considered in the assessment of cumulative effects.	- Given that fugitive emissions (i.e., the unintentional and undesirable emissions, leakage, or discharge of gases or vapors from storage tanks, pipelines, wells, or other pieces of infrastructure) as well as "integrity digs" will likely occur during operations, it is not reasonable to conclude that the project will have no net effects during operations. - Enbridge should clarify this statement and indicate that the project will have net additive effects during its operational lifecycle. As such, Enbridge should (1) reconsider the study boundaries of the Panhandle project and (2) include an analysis of cumulative effects during the operation of this project within the ER. - CKSPFN is aware that the following projects will be adjacent to the Panhandle Regional Expansion Project with potential construction schedule overlaps, and as such Enbridge should include these projects in the cumulative effects assessment, including attention to effects on Agricultural Resources, Cultural Heritage Resources, Land Use and Communities, Natural Environment	We recognize that the language in Section 6.2 of the Environmental Report (ER) is unclear. Operations and maintenance activities were considered and are discussed in Section 6.4.2 Operations and Maintenance. While maintenance activities will be required during operations (i.e., inspections, monitoring, integrity work), leading to dust, noise, and exhaust from construction equipment (as noted in the ER), the activities are not anticipated to have significant adverse residual effects. Enbridge Gas has robust pipeline safety and monitoring programs to ensure our assets operate safely and in accordance with the current regulations of the day. It is possible that further integrity maintenance activities may be required as a result of unanticipated external impacts to the pipeline (e.g., third-party damage, environmental forces). In those instances, Enbridge Gas may need to undertake further ground disturbance. Such maintenance activities will go through a separate environmental review and permitting process outside of the scope of the ER. In addition, any assessment of impacts beyond the project components as described in Section 1.2 Project Description, such as fugitive emissions, are outside of the scope of the ER. The cumulative effects assessment was completed in accordance with the OEB Environmental Guidelines. The temporal boundary for the cumulative effects assessment of the Project construction phase is considered appropriate for the limited residual Project effects that are anticipated to remain after mitigation measures

		Resources (physical, atmospheric, surface water, groundwater, source water protection, designated or special natural areas, vegetation, fish and fish habitat, woodlands, species at risk, wildlife habitat, invasive species), Indigenous Community VECs and Interests, Recreational Resources, Visual and Aesthetic Resources, and Built Environment Infrastructure such as infrastructure crossings, and interactions with wind turbines, roads/highways/bridges, other pipelines, etc. ○ Hydro One Networks Inc. - Chatham Switching Station ○ Hydro One Networks Inc. - Lake shore Transmission Stations Project Leamington Transformer Junction ○ Hydro One Networks Inc. - Chatham to Lakeshore Transmission Line ○ Hydro One Networks Inc. - St. Clair Transmission Line ○ Highway 401 Improvements - Tilbury to London ○ Enbridge - Dawn to Corunna	are implemented and interactive with other concurrent, unrelated projects. Sections 6.1, 6.3 and Table 6-1 in the ER reference the cumulative effects methodology and project inclusion list considered for the Project. The projects included in the project inclusion list were identified by reviewing publicly available information on current and planned projects in the area as well as through consultation with Hydro One, municipalities, etc. Any projects not listed within the project inclusion list fall outside of the temporal boundary and were not considered (i.e., Enbridge Gas Dawn to Corunna Project). Further, the cumulative effects assessment identified potential additive effects on soil, vegetation, wildlife and wildlife habitat, air quality and the acoustic environment. Enbridge Gas determined that, provided the mitigation and protective measures outlined in the ER are implemented and that concurrent projects implement similar mitigation and protective measures, potential cumulative effects are not anticipated to occur, or if they do occur, they are not anticipated to be significant.

From: Lauren Whitwham
To: Consultation
Cc: Evan Tomek
Subject: PREP- SAR Memo CKSPFN
Date: Wednesday, September 7, 2022 3:49:18 PM
Attachments: M_2022-08-08_Panhandle_CKSPFN Field Results Memo_KE.pdf

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Hi Emily,

Please find attached the field result memo for the Panhandle Regional Expansion Project.

If you have any questions, please let us know and we can set up some time to discuss.

Thanks,
Lauren

From: Lauren Whitwham
To: Consultation
Subject: Update: Enbridge Gas Panhandle Regional Expansion Project
Date: Monday, January 30, 2023 1:48:38 PM

Hi there,

I'm writing to provide you with an update on Enbridge Gas' Panhandle Regional Expansion Project.

In December, Enbridge Gas sent a request to the Ontario Energy Board (OEB) for a temporary pause in the regulatory review of our proposed Panhandle Regional Expansion Project. The OEB granted that pause in December. Since that time, Enbridge Gas has continued to review potential material increases to components of the estimated project cost, through a competitive procurement process.

In addition, we now have the benefit of better understanding of actual attachments to the Panhandle system in 2022. As a result, we are re-assessing the staging of the project and can confirm that the start of construction will be delayed from 2023 to 2024. We expect that all incremental demand on the Panhandle system for winter 2023/2024 will be accommodated. We are also continuing to advance the project and anticipate resuming the regulatory process in 2023.

We wanted to make you aware of this. I will keep you updated as we move forward.

Thanks and let me know if you have any questions,

Lauren

From: Lauren Whitwham
To: Consultation
Subject: Enbridge Gas: Panhandle scope change
Date: Monday, May 8, 2023 2:14:03 PM
Attachments: PREP Map May 2023.pdf
PREP Update OKSPFN May 23.pdf

Greetings,

In the Fall of 2022, Enbridge Gas Inc. requested that the Ontario Energy Board (OEB) put the Leave-to-Construct application for the Panhandle Regional Pipeline Project on abeyance (pause).

Since then, the projects scope has changed, and it has been determined that the Leamington Interconnect will no longer be apart of the project and would be reviewed at a later timeframe.

The Panhandle Regional Pipeline Project will now consist of the following:

> 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.

In addition, the OEB released the 8th edition of its Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Projects and Facilities in Ontario (2023). As the Environmental Report (2022; ER) for the project was prepared in accordance with the OEB's 7th edition of its Environmental Guidelines (2016), the ER was reviewed to assess that the report adequately addressed any significant changes in the new guidelines and that the potential environmental and socio-economic effects that may results from the project were still effectively identified and addressed. Through this review, it has been determined that the Environmental Report (2022), as written, adheres to the changes found in the 8th edition of the OEB's Environmental Guidelines (2023) and is appropriate for the new scope of the Panhandle Regional Expansion Project (i.e., construction of the Panhandle Loop only – see attached map).

Enbridge Gas intends to re-file the application for the project in Q3 of 2023. If approved by the OEB, construction would begin in Spring 2024 with an in-service date of November 1, 2024.

Please let me know if you have any questions or concerns.

Thanks,

Enbridge Gas Inc.
109 Commissioners Road W.
London, ON N6A4P1

May 4, 2023

Chippewas of Kettle and Stony Point First Nation

Regarding: Project Update for Panhandle Regional Expansion Project

To Whom is May Concern:

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 previously included 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 purpose of this letter is to provide an update on the latest developments regarding this project.

In December 2022, Enbridge Gas asked for and was approved by the Ontario Energy Board (OEB) for a temporary pause in the regulatory review process. Since then, the project's scope has changed. It has been determined that the Leamington Interconnect will no longer be a part of the project and would be reviewed at a later time. We are continuing to advance the project and anticipate resuming the regulatory process for the Panhandle Loop in June 2023 and are currently working towards filing an amended LTC application with the OEB at that time.

As part of the planning process, Enbridge Gas retained AECOM Canada Ltd. (AECOM) to undertake an Environmental Report for the project. The Environmental Report fulfilled the requirements of the OEB's "*Environmental Guidelines for the Location, Construction, and*

Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)"[9]. AECOM has reviewed the updated project scope, as outlined above, in comparison to the information presented in the 2022 Environment Report and have determined that the updated project scope is sufficiently covered in the Environmental Report, and that no adjustments or revisions to the Environmental Report are necessary.

If approved by the OEB, construction on the Panhandle Loop would begin in Spring 2024 with an in-service date of November 1, 2024.

If you have any questions, please do not hesitate to contact me using the information provided below.

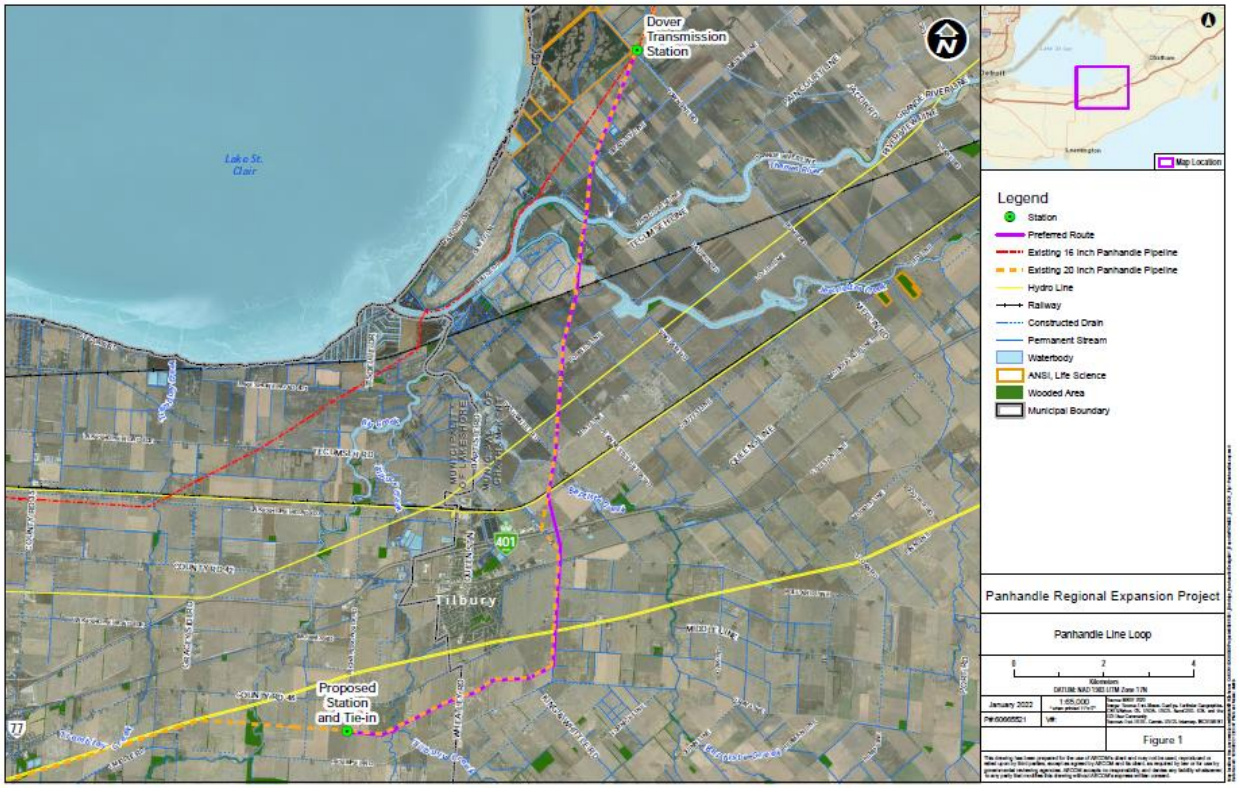
Sincerely,



Lauren Whitwham
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Lauren.Whitwham@enbridge.com
Phone: 519-852-3474

CC: Dana Cofell – Enbridge Gas Inc.
Kristan Washburn – AECOM
Jordan Witt – AECOM

[9] The OEB released the 8th edition of the *Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Projects and Facilities in Ontario* in March 2023, after the initiation, consultation and finalization of the Panhandle Regional Expansion Project and associated Environmental Report.


Dover Transmission Station
Proposed Station and Tie-in
Lake St. Clair
Tilbury
401
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
Map Location
Panhandle Regional Expansion Project
Panhandle Line Loop
Figure 1

Line-item attachment 4.1

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

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 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,



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:	www.virtualengagement.ca/panhandle

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.

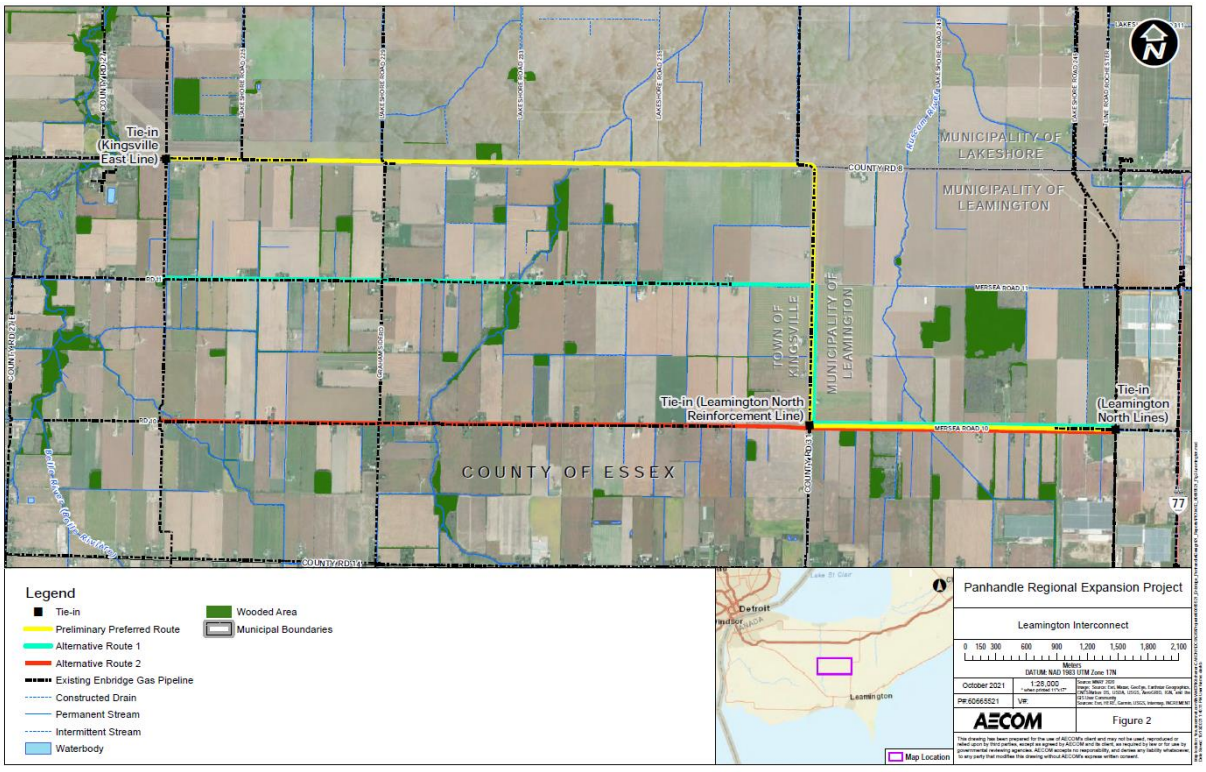
Sincerely,

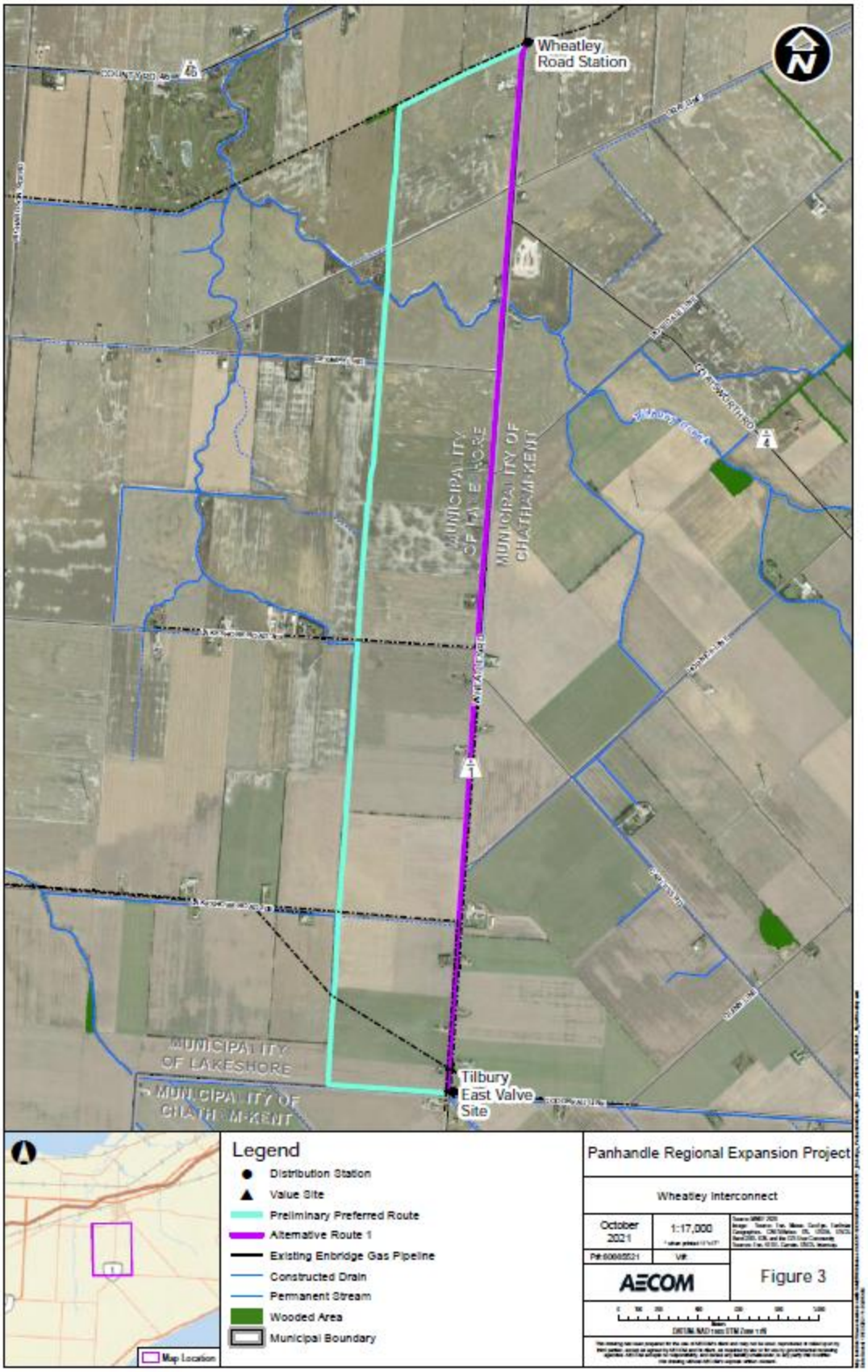


Kevin Berube
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Kevin.Berube@enbridge.com
Phone: (416) 666-6759

CC: Evan Tomek - Enbridge Inc.
Mark Van der Woerd – AECOM
Kristan Washburn – AECOM
Consultation General Inbox (consultation@cottfn.ca) – Chippewas of the Thames First Nation


Dover Transmission Station
Lake St. Clair
Stoney Point/Pointe-aux-Roches
Tilbury
Comber
Comber Transmission Station
Legend
Transmission Station
Preliminary Preferred Route
Existing Enbridge Gas Pipeline
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
Map Location
Panhandle Regional Expansion Project
Panhandle Line Loop
AECOM
Figure 1


Tie-in (Kingsville East Line)
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
Legend
Tie-in
Preliminary Preferred Route
Alternative Route 1
Alternative Route 2
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundaries
Map Location
Panhandle Regional Expansion Project
Leamington Interconnect
AECOM
Figure 2


Wheatley Road Station
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF CHATHAM-KENT
Tilbury East Valve Site
Legend
Distribution Station
Value Site
Preliminary Preferred Route
Alternative Route 1
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Wooded Area
Municipal Boundary
Map Location
Panhandle Regional Expansion Project
Wheatley Interconnect
October 2021
1:17,000
AECOM
Figure 3

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: 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:	www.virtualengagement.ca/panhandle

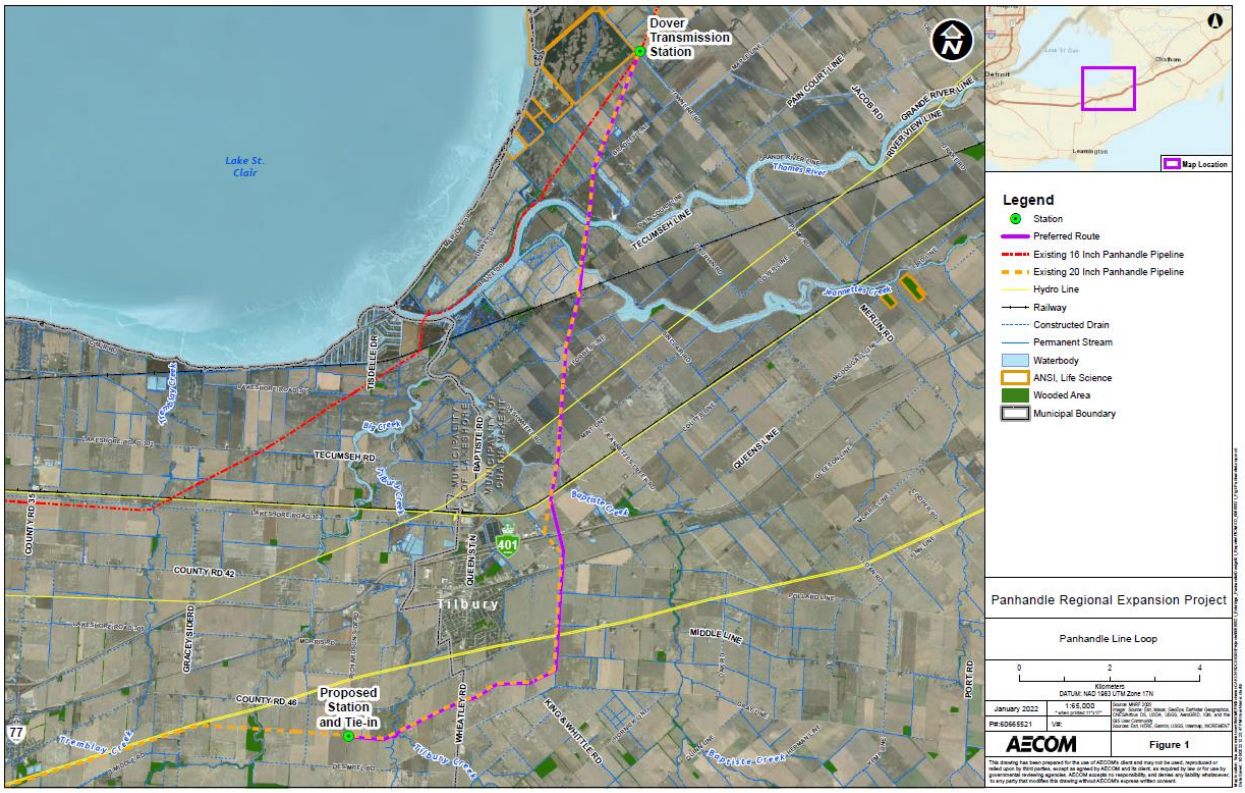
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

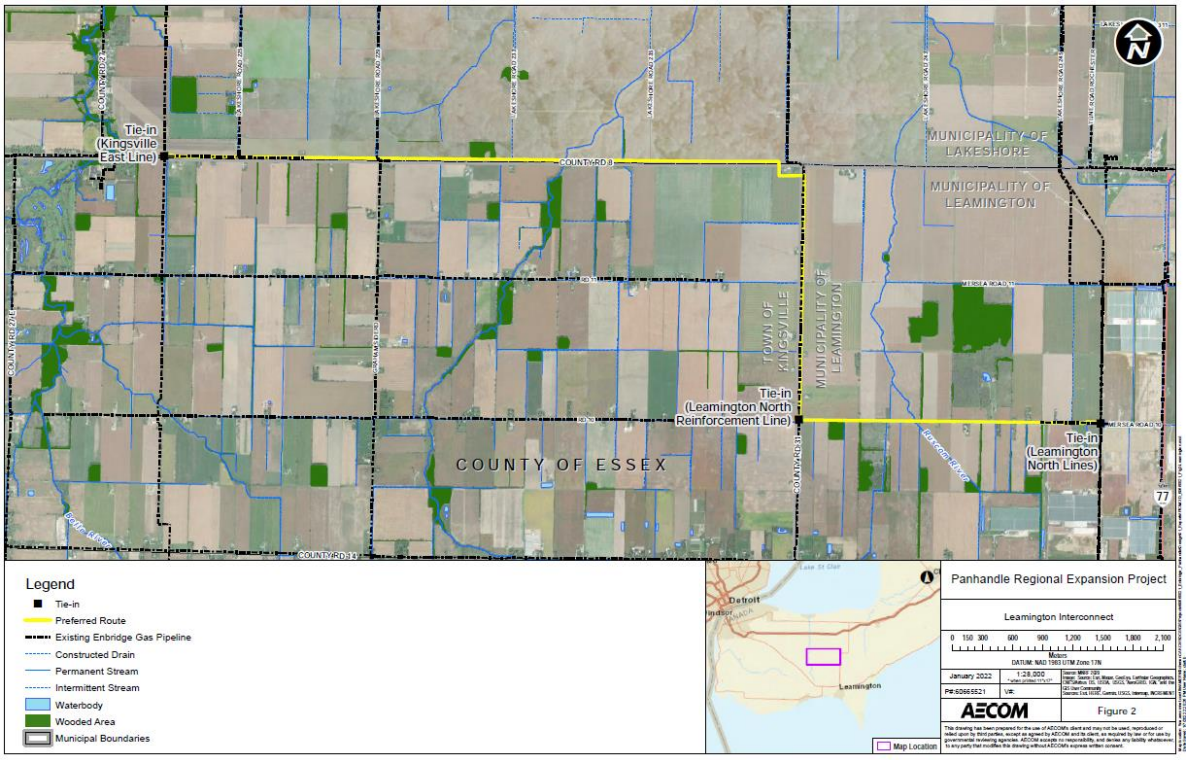
Sincerely,

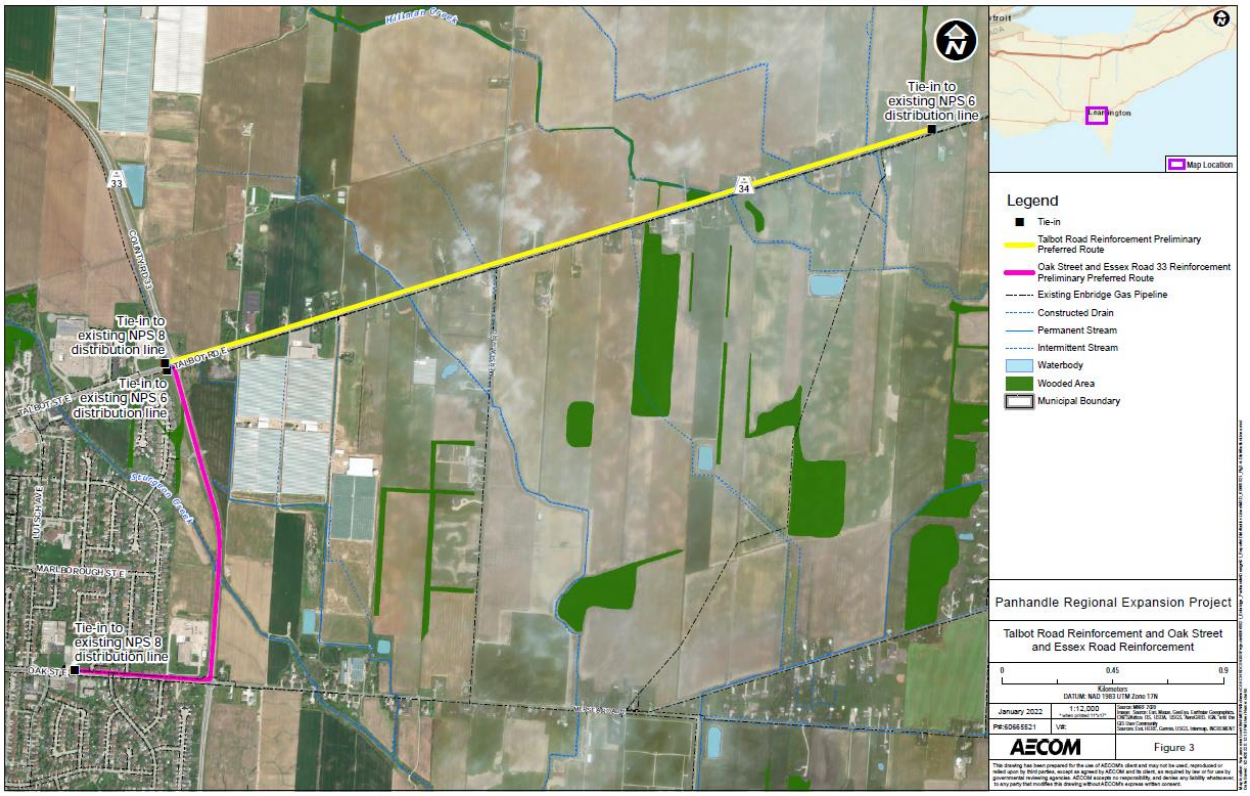


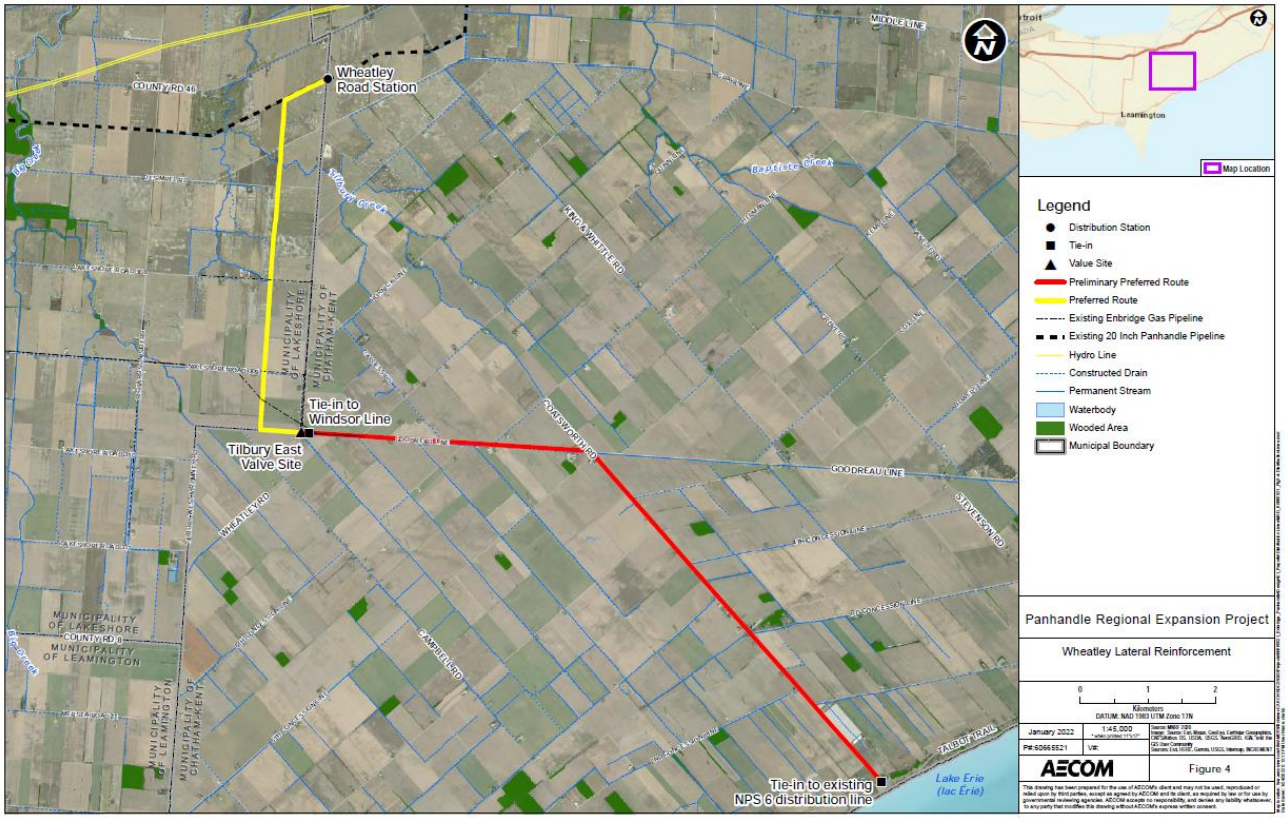
Kevin Berube
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Kevin.Berube@enbridge.com
Phone: (416) 666-6759

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


Dover Transmission Station
Lake St. Clair
Proposed Station and Tie-in
Tilbury
TECUMSEH RD
COUNTY RD 42
COUNTY RD 46
MIDDLE LINE
QUEEN ST N
WHEATLEY RD
KING & WHITTLE RD
PORT RD
TECUMSEH LINE
GRANDE RIVER LINE
RIVER VIEW LINE
MEDLAR RD
QUEENS LINE
401
77
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
Map Location
Panhandle Regional Expansion Project
Panhandle Line Loop
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:65,000
PR:60665521
AECOM
Figure 1


Tie-in (Kingsville East Line)
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
COUNTY RD 8
77
Legend
Tie-in
Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundaries
Detroit
Leamington
Map Location
Panhandle Regional Expansion Project
Leamington Interconnect
Meters
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:28,000
PR:60665521
AECOM
Figure 2


Tie-in to existing NPS 6 distribution line
Tie-in to existing NPS 8 distribution line
Tie-in to existing NPS 6 distribution line
Tie-in to existing NPS 8 distribution line
TALBOT RD E
OAK ST E
MARLBOROUGH ST E
Stoney Creek
Hillman Creek
Learnington
Map Location
Legend
Tie-in
Talbot Road Reinforcement Preliminary Preferred Route
Oak Street and Essex Road 33 Reinforcement Preliminary Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundary
Panhandle Regional Expansion Project
Talbot Road Reinforcement and Oak Street and Essex Road Reinforcement
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:12,000
P#:60665521
AECOM
Figure 3


Wheatley Road Station
Tie-in to Windsor Line
Tilbury East Valve Site
Tie-in to existing NPS 6 distribution line
COUNTY RD 46
MIDDLE LINE
GOODREAU LINE
TALBOT TRAIL
Lake Erie (lac Erie)
Learnington
Map Location
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
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:45,000
P#:60665521
AECOM
Figure 4

Line-item attachment 4.16

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.

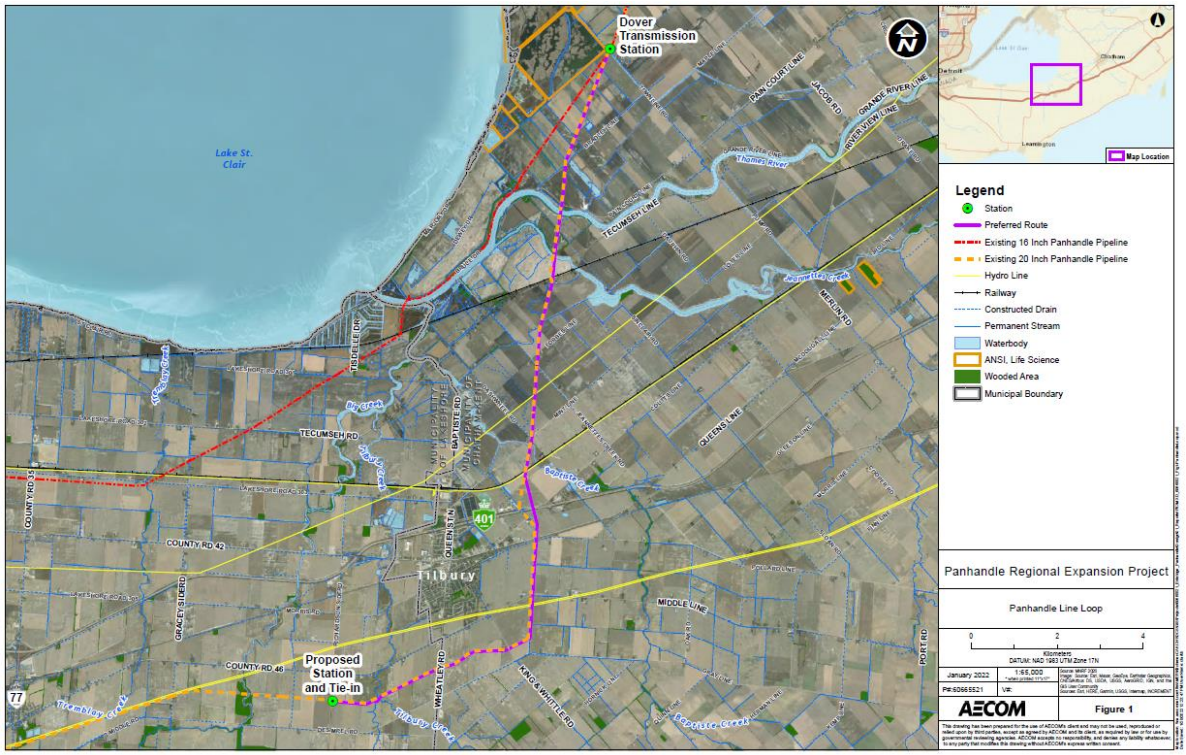
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

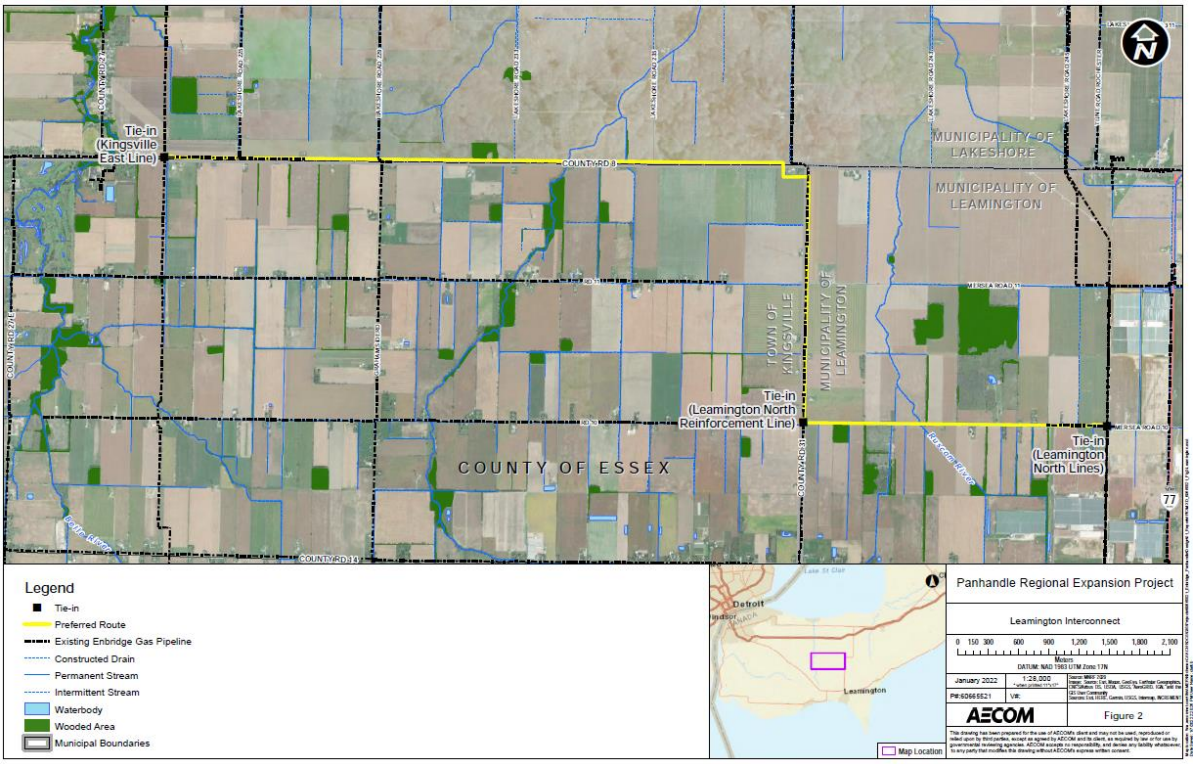
Sincerely,



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


Dover Transmission Station
Lake St. Clair
Thames River
TECUMSEH RD
COUNTY RD 42
COUNTY RD 46
Tilbury
Proposed Station and Tie-in
401
77
Map Location
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
AECOM
Figure 1


Tie-in (Kingsville East Line)
COUNTY RD 8
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
77
Legend
Tie-in
Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundaries
Map Location
Panhandle Regional Expansion Project
Leamington Interconnect
AECOM
Figure 2

Line-item attachment 4.20

From: Lauren Whitwham
To: jmills@cottfn.com
Cc: Kevin Berube; consultation@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
109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect. Inclusion.

Line-item attachment 4.22

From: Lauren Whitwham
To: 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

Line-item attachment 4.25

From: Jennifer Mills <jmills@cottfn.com>
Sent: Thursday, July 28, 2022 11:42 PM
To: Kevin Berube <kevin.berube@enbridge.com>
Cc: Fallon Burch <fburch@cottfn.com>; Rochelle Smith <rsmith@cottfn.com>
Subject: [External] Panhandle ER Response

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 morning

Please find comments attached regarding the Panhandle Expansion Project. We look forward to receiving Enbridge's responses to the questions in the letter. I've also attached the associated invoice. Given the capacity funding agreement for my position, I only included the time put into the review by our Environmental Technician.

Hope you enjoy the long weekend,

Jennifer Mills
Energy Sector Consultation Coordinator
Chippewas of the Thames First Nation
Email: jmills@cottfn.com
Cell: 647-990-7897 | Admin Office: 519-289-5555 Ex: 236
320 Chippewa Road, Muncey, Ontario

fa tw lin in **Visit us online at cottfn.com**

This communication is intended for the use of the recipient to whom it is addressed and may contain confidential and or privileged information. If you are not the intended recipient of this communication any information received should be deleted or destroyed.

Deshkan Ziibiing
Chippewas of the Thames
First Nation Treaties, Lands
and Environment

320 Chippewa Road
Muncey, ON, N0L 1Y0
Tel: 519-289-5555
Fax: 519-289-2230
info@cottfn.com

July 28, 2022

VIA EMAIL

Kevin Berube
Sr Advisor, Indigenous Engagement, Enbridge
kevin.berube@enbridge.com

Dear Kevin Berube,

Re: Panhandle Regional Expansion Project Environmental Report

The proposed Panhandle Regional Expansion Project is located within the McKee Treaty area (Treaty #2), COTTFN's Traditional Territory, and the Big Bear Creek Additions to Reserve (ATR) land selection area. As a significant project within COTTFN's Treaty and Traditional Territory, we take a strong interest in the potential impacts and mitigation measures associated with these activities.

We received and reviewed the Environmental Report and associated appendices for the Project, as well as the technical review completed by Neegan Burnside Ltd. We offer the following comments and questions based on that review.

General

1. Why does the Land Acknowledgement not mention the McKee Treaty?

2. We expect that Enbridge and its contractors will be following all mitigation measures identified in the Environmental Report. If any mitigation measures will not be followed, we request notification and explanation.

3. We requested a system map of Enbridge infrastructure within COTTFN's Traditional and Treaty Territory on Feb. 14, 2022 and subsequent occasions. We request an update on why this map has not been provided to date.

Ecological

4. The preferred route crosses dozens of watercourses within the Nation's Traditional and Treaty Territory. Many of these watercourses are important habitats for species at risk and other significant species. We are particularly concerned about crossings of the Thames River (Deshkan Ziibiing) and Jeannette's Creek. We request more information on what method will be used for each water crossing

Deshkan Ziibiing
Chippewas of the Thames
First Nation Treaties, Lands
and Environment

320 Chippewa Road
Muncey, ON, N0L 1Y0
Tel: 519-289-5555
Fax: 519-289-2230
info@cottfn.com

5. For trenchless crossings, please provide the plans for inadvertent fluid release. We are also concerned how the vibrations may impact species. What measures will be taken to protect overwintering turtle and/or reptile eggs?

6. In cases where breeding bird habitat or vegetation will be permanently removed, will it be compensated for through habitat creation or enhancement in other locations? We are looking for a commitment from Enbridge to compensate for habitat loss through biodiversity initiatives.

7. Regarding mitigation measures for soil, how long would vegetation be removed for (estimation)? We support the suggestion in Neegan Burnside review of leaving some debris from vegetation removal as brush piles for snakes, as appropriate.

8. How will construction be timed to avoid impacts on wildlife?

9. We have been participating in ecological studies by sending COTTFN Field Liaisons and expect to continue to do so. We would also like to receive those reports as they become available.

10. Will SAR training be provided to those involved in construction?

11. We request updates on future comments from MECP, DFO, NDMNRF, and St Clair Region Conservation Authority.

12. We request to be kept informed on SAR monitoring plans during construction and may request to include our Species at Risk Specialist for field visits.

Climate Change

13. How is Enbridge calculating and addressing fugitive methane emissions from existing and proposed infrastructure? How much do you expect the Panhandle Regional Expansion Project to contribute to increased methane emissions?

14. We are facing a human-made climate crisis, largely due to reliance on fossil fuels for energy. The Panhandle Regional Expansion Project is responding to greater demand for energy in the region, but also locks in expanding fossil fuel usage and associated greenhouse gas emissions. This trajectory is incompatible with emission reduction targets set by Ontario and Canada. What is Enbridge doing to decarbonize its operations and promote sustainable forms of heating for residential and industrial users?

Deshkan Ziibiing
Chippewas of the Thames
First Nation Treaties, Lands
and Environment

320 Chippewa Road
Muncey, ON, N0L 1Y0
Tel: 519-289-5555
Fax: 519-289-2230
info@cottfn.com

Archaeological

15. We understand that the Stage 2 archaeological assessment is ongoing. We have been participating by sending Archaeological Field Liaisons and expect to continue to do so.

We look forward to the responses to our questions noted above.

As communicated over email, we would like to invite Enbridge representatives to come to COTTFN for a community engagement session this fall. We will be in contact to make those arrangements.

We look forward to continuing this line of communication. To implement meaningful consultation, COTTFN has developed its own protocol – a document and a process that will guide positive working relationships. As per *Appendix 'D'* of the Wiindmaagewin, please find attached invoice #0232. Please do not hesitate to contact me if you need further clarification of this letter.

Sincerely,

Jennifer Mills
Energy Sector Consultation Coordinator
Chippewas of the Thames First Nation
consultation@cottfn.com

From: Kevin Berube
Sent: Tuesday, October 4, 2022 9:01 AM
To: Jennifer Mills <jmills@cottfn.com>
Subject: Updated Responses

Good morning Jennifer,

Attached is an updated version of our responses to the questions COTTFN had on the PREP ER. Please disregard the prior version I sent you.

Have a great week!
Kevin

Enbridge Gas Inc. ("Enbridge Gas") Response to Chippewas of the Thames First Nation ("COTTFN") Comments received July 28, 2022 re: Environmental Report on the Panhandle Regional Expansion Project ("Project")		
Item	Comment	Enbridge Gas Response
1.0 General		
Comment 1	Why does the Land Acknowledgement not mention the McKee Treaty?	The McKee Treaty was not specifically mentioned, since the Environmental Report ("ER") was distributed to all Indigenous communities engaged on the project, which spans different Treaty areas.
Comment 2	We expect that Enbridge and its contractors will be following all mitigation measures identified in the Environmental Report. If any mitigation measures will not be followed, we request notification and explanation.	That's correct. Enbridge Gas and its contractor will follow all mitigation measures identified in the ER. In addition, a full-time Environmental Inspector (EI) will be onsite throughout construction to ensure compliance. Enbridge Gas will notify COTTFN of any significant changes to the proposed mitigation measures.
Comment 3	We requested a system map of Enbridge infrastructure within COTTFN's Traditional and Treaty Territory on Feb. 14, 2022 and subsequent occasions. We request an update on why this map has not been provided to date.	Thank you for your patience in addressing this request. Enbridge Gas does not currently have a map of Enbridge Gas's infrastructure with an overlay of COTTFN's Traditional and Treaty Area. We are working on preparing a map and will provide it to COTTFN once it has been completed.
2.0 Ecological		
Comment 4	The preferred route crosses dozens of watercourses within the Nation's Traditional and Treaty Territory. Many of these watercourses are important habitats for species at risk and other significant species. We are particularly concerned about crossings of the Thames River (Deshkan Ziibiing) and Jeannette's Creek. We request more information on what method will be used for each water crossing.	At this point Enbridge Gas has determined that the majority of watercourse crossings will be completed using Isolated Open-Cut (i.e., dam & pump) methods. The remaining watercourses (e.g., Jeannettes and Baptiste Creek, the Thames River, and some smaller watercourses close to roadways) will be installed using trenchless methods (e.g., Horizontal Directional Drilling [HDD] or direct pipe).
Comment 5	For trenchless crossings, please provide the plans for inadvertent fluid release. We are also concerned how the vibrations may impact species. What measures will be taken to protect overwintering turtle and/or reptile eggs?	For trenchless crossings, contingency plans for inadvertent fluid release will be developed by Enbridge Gas's contractor and we will share this information with COTTFN once the plans have been prepared. HDD crossings are all planned to be completed within the active season for snakes and turtles as stated in Section 5.3.2.4 (Table 5-9) of the ER (i.e., no watercourse crossing construction will occur during the turtle and snake overwintering period of October 30 to April 1). Therefore, vibrations generated by HDD are not anticipated to have any impacts to overwintering snakes and turtles. Additionally, there is some research that has been conducted on hypoxic turtles and how they respond to sensory information such as light and vibration (Madsen et al., 2015). Research indicates turtles show some responsiveness
		to light stimuli during prolonged hypoxia but they have no response to vibrations (600Hz, 0.05G). The vibrations from this research are expected to be higher than any vibrations that might be felt within the watercourse during HDD operations. With regard to impacts to eggs, although we are not aware of any scientific research related to vibrations from HDD and affects to turtle nests, vibrations are not generally felt at the ground surface by humans along the extent of an HDD because of the depths at which they operate (>20m). The only time vibrations (very minor) may be felt at the entry and exit pits, which will be well set back from the watercourse (>100m). Additionally, the drilling fluid, which helps with the drilling operation generally dampers any vibrations.
Comment 6	In cases where breeding bird habitat or vegetation will be permanently removed, will it be compensated for through habitat creation or enhancement in other locations? We are looking for a commitment from Enbridge to compensate for habitat loss through biodiversity initiatives.	Significant removal of breeding bird habitat and vegetation is not anticipated. Enbridge Gas is committed to implementing a tree replacement program, which includes replanting the woodland removed with seedlings of native species that are guaranteed until they reach free to grow status. This program was planned at a ratio of 2:1 for the woodland areas removed and will now be increased to 3:1 (trees to be replaced on a 3:1 area basis at 1000 tree seedlings per acre). Directly impacted landowners are given first right of refusal for the tree planting under this program. However, if landowners are not interested in planting trees on their property, Enbridge Gas will work with Indigenous communities and local conservation authorities to find suitable locations to plant trees.
Comment 7	Regarding mitigation measures for soil, how long would vegetation be removed for (estimation)? We support the suggestion in Neegan Burnside review of leaving some debris from vegetation removal as brush piles for snakes, as appropriate.	All restoration is anticipated to be completed by 2025. Enbridge Gas supports the idea of leaving some debris piles for snakes and will look for opportunities, as appropriate.
Comment 8	How will construction be timed to avoid impacts on wildlife?	Section 5.3.2.4 (Table 5-9) of the ER lists mitigation measures to be followed during construction, in order to limit and protect the various wildlife species. The mitigation measures include all appropriate timing windows to be followed for each species (i.e., vegetation removals, bat roosting, breeding bird nesting, fish spawning, turtle/snake overwintering period). During construction, an EI will verify that wildlife protection timing windows are adhered to.
Comment 9	We have been participating in ecological studies by sending COTTFN Field Liaisons and expect to continue to do so. We	Thank you for your participation in these studies. Enbridge Gas will provide COTTFN with reports summarizing the field survey findings once they have been completed.

	would also like to receive those reports as they become available.	
Comment 10	Will SAR training be provided to those involved in construction?	Species at Risk (SAR) training will be provided to the contractor and those involved in the construction of the Project. Training will include identifying known SAR in the Project study area and appropriate regulatory & reporting procedures if SAR are found within the construction limits. Trained personnel will also be on-site to monitor construction and be responsible for checking that the ER's mitigation measures and monitoring requirements are being executed. Enbridge Gas will implement an orientation program for inspectors and contractor personnel to provide information regarding Enbridge Gas's environmental program, commitments, and safety measures.
Comment 11	We request updates on future comments from MECP, DFO, NDMNRF, and St Clair Region Conservation Authority.	An up-to-date Ontario Pipeline Coordinating Committee (OPCC)/agency review summary table is being maintained and can be provided to COTTFN upon request.
Comment 12	We request to be kept informed on SAR monitoring plans during construction and may request to include our Species at Risk Specialist for field visits.	Enbridge Gas will keep COTTFN informed of SAR monitoring plans during construction and can discuss opportunities for COTTFN's Species at Risk Specialist to attend field visits..
3.0 Climate Change		
Comment 13	How is Enbridge calculating and addressing fugitive methane emissions from existing and proposed infrastructure? How much do you expect the Panhandle Regional Expansion Project to contribute to increased methane emissions?	Enbridge Gas' fugitive emissions are calculated based on emission factors and engineering estimates, as well as direct measurement of fugitive emissions, in accordance with the Ontario Ministry of Environment, Conservation and Parks' (MECP) Guideline for Quantification, Reporting and Verification of Greenhouse Gas Emissions (Guideline). For example, results from field surveys performed at transmission and storage compressor stations are applied to the compressor station fugitive calculations. Where possible, site or equipment specific emission factors are used, in place of industry standard factors. Enbridge Gas currently minimizes fugitive emissions from its operations through the implementation of industry accepted best management practices. For example, in 2020, Enbridge Gas implemented a harmonized leak operating standard, which includes increased traceability and tracking of leak repairs, increased monitoring frequencies, harmonized repair timelines for above ground leaks, and initiation of the station leak survey program. Enbridge Gas is developing and implementing a GHG emission reduction strategy. The strategy will identify and assess cost effective emission reduction opportunities. Opportunities have been identified over several years through the Asset Management Plan, updated operating practices, equipment modernization/innovation, compliance with regulatory requirements (i.e. federal Methane Regulations) and corporate initiatives.

		Considering the fugitive emissions due to operation only, the Project is estimated to result in an increase in fugitive emissions of approximately 140 tCO2e/year.
Comment 14	We are facing a human-made climate crisis, largely due to reliance on fossil fuels for energy. The Panhandle Regional Expansion Project is responding to greater demand for energy in the region, but also locks in expanding fossil fuel usage and associated greenhouse gas emissions. This trajectory is incompatible with emission reduction targets set by Ontario and Canada. What is Enbridge doing to decarbonize its operations and promote sustainable forms of heating for residential and industrial users?	Enbridge Gas is uniquely positioned to support Ontario's clean energy transition, with immediate, cost-effective solutions that leverage existing infrastructure and innovative technologies. Through collaboration with governments and partners, we're advancing innovative energy solutions to keep energy reliable, affordable and reduce environmental impact. Leveraging our pipeline infrastructure is a responsible and cost-effective way to supply cleaner fuels and reduce emissions in a significant way. On November 6, 2020, Enbridge Inc. announced its environmental, social and governance (ESG) goals, which represent the next stage of our evolution as an ESG leader to help ensure we're positioned to grow sustainably for decades to come. Recognizing that climate change requires serious solutions, one of the goals Enbridge Inc. has set is to reach net zero GHG emissions by 2050 with an interim target to reduce GHG emissions intensity 35 percent by 2030. To meet Enbridge Inc.'s 2030 emission targets and its 2050 net-zero ambition, Enbridge Gas will be pursuing multiple avenues that are strongly aligned and embedded in our strategy and business plans. These include: • Modernization, technology and innovation improvements applied to existing infrastructure to reduce emissions intensity • Building and operating renewable "self power" generation facilities to reduce emissions related to the energy consumed by operations • Gradual investment in low carbon projects and businesses • Purchasing and retaining renewable energy credits and selective investment in nature-based solutions and offsets In September 2022, a new study carried out by Guidehouse, an independent consultant engaged by Enbridge Gas was released. The Pathways to Net Zero Emissions for Ontario study looks at two ways Ontario's energy system could achieve its net zero emissions goals by 2050: a wide-scale electrification

		approach or a diversified approach that balances electrification with the use of renewable natural gas, hydrogen, and natural gas with carbon capture. The study concludes that the diversified approach is the most cost-effective, reliable and resilient way to help Ontario meet its greenhouse gas emission targets by 2050.
4.0 Archaeological		
Comment 15	We understand that the Stage 2 archaeological assessment is ongoing. We have been participating by sending Archaeological Field Liaisons and expect to continue to do so.	That is correct. Thank you for your participation. We will continue to provide opportunities for COTTFN's Archaeological Field Liaisons to participate.

Line-item attachment 4.35

From: Kevin Berube <kevin.berube@enbridge.com>
Sent: Monday, January 30, 2023 3:15 PM
To: Jennifer Mills <jmills@cottfn.com>
Subject: Update: Panhandle Regional Expansion Project

Good afternoon Jennifer,

I'm writing to provide you with an update on Enbridge Gas' Panhandle Regional Expansion Project.

In December, Enbridge Gas sent a request to the Ontario Energy Board (OEB) for a temporary pause in the regulatory review of our proposed Panhandle Regional Expansion Project. The OEB granted that pause in December. Since that time, Enbridge Gas has continued to review potential material increases to components of the estimated project cost, through a competitive procurement process.

In addition, we now have the benefit of better understanding of actual attachments to the Panhandle system in 2022. As a result, we are re-assessing the staging of the project and can confirm that the start of construction will be delayed from 2023 to 2024. We expect that all incremental demand on the Panhandle system for winter 2023/2024 will be accommodated. We are also continuing to advance the project and anticipate resuming the regulatory process in 2023.

We wanted to make you aware of this. I will keep you updated as we move forward.

I will forward a copy to NationsConnect.

Meegwetch and let me know if you have any questions,

Kevin

Line-item attachment 4.36

From: Kevin Berube
To: Fallon Burch (fburch@cottfn.com)
Cc: Jennifer Mills
Subject: Notification of Scope Change Panhandle
Date: Monday, May 8, 2023 2:15:04 PM
Attachments: PREP Map May 2023.pdf
PREP change May 2023 COTTFN.pdf

Good afternoon Fallon,

I'm reaching out to inform you of a scope change on the Panhandle Reinforcement Project. I've attached a letter outlining the scope change in detail along with a map of the area. The information will be uploaded to NationsConnect. If you have any questions please do not hesitate to reach out.

Meegwetch,
Kevin

Enbridge Gas Inc.
500 Consumers Road
North York, ON M2J 1P8
Canada

May 4, 2023

Fallon Burch

Consultation Coordinator

Chippewas of the Thames First Nation

320 Chippewa Road

Muncey, ON N0L 1Y0

Regarding: Enbridge Gas Inc. – Project Update for Panhandle Regional Expansion Project

Dear Fallon Burch:

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 previously included 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 purpose of this letter is to provide an update on the latest developments regarding this project.

In December 2022, Enbridge Gas asked for and was approved by the Ontario Energy Board (OEB) for a temporary pause in the regulatory review process. Since then, the project's scope has changed. It has been determined that the Leamington Interconnect will no longer be a part of the project and would be reviewed at a later time. We are continuing to advance the project and anticipate resuming the regulatory process for the Panhandle Loop in June 2023 and are currently working towards filing an amended LTC application with the OEB at that time.

As part of the planning process, Enbridge Gas retained AECOM Canada Ltd. (AECOM) to undertake an Environmental Report for the project. The Environmental Report fulfilled the

requirements of the OEB's "*Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)*"[1]. AECOM has reviewed the updated project scope, as outlined above, in comparison to the information presented in the 2022 Environment Report and have determined that the updated project scope is sufficiently covered in the Environmental Report, and that no adjustments or revisions to the Environmental Report are necessary.

If approved by the OEB, construction on the Panhandle Loop would begin in Spring 2024 with an in-service date of November 1, 2024.

If you have any questions, please do not hesitate to contact me using the information provided below.

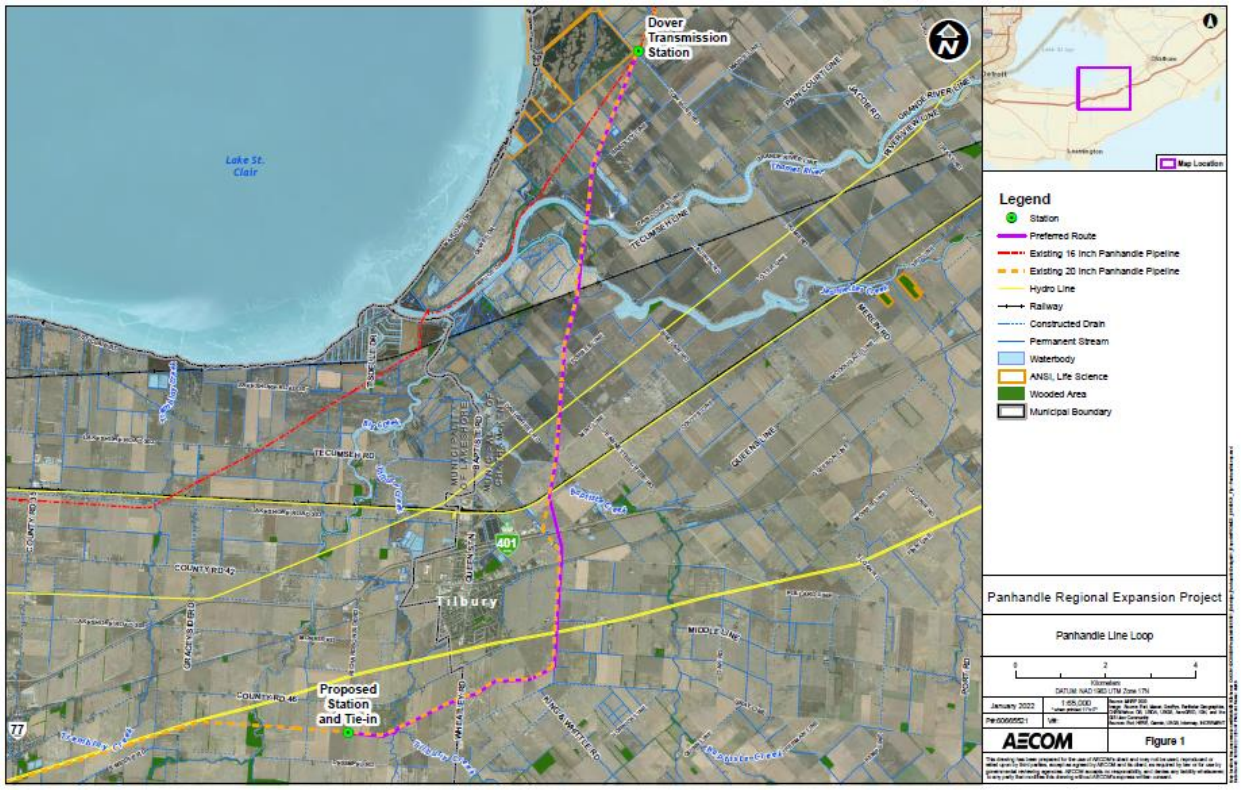
Sincerely,



Kevin Berube
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Kevin.Berube@enbridge.com
Phone: (416) 666-6759

CC: Dana Cofell – Enbridge Gas Inc.
Kristan Washburn – AECOM
Jordan Witt – AECOM
Consultation General Inbox (consultation@cottfn.ca) – Chippewas of the Thames First Nation

[1] The OEB released the 8th edition of the *Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Projects and Facilities in Ontario* in March 2023, after the initiation, consultation and finalization of the Panhandle Regional Expansion Project and associated Environmental Report.


Dover Transmission Station
Proposed Station and Tie-in
Lake St. Clair
Tilbury
401
TECUMSEH RD
COUNTY RD 42
COUNTY RD 46
77
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
Map Location
Panhandle Regional Expansion Project
Panhandle Line Loop
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:65,000
AECOM
Figure 1

Line-item attachment 5.1

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 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,



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:	www.virtualengagement.ca/panhandle

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.

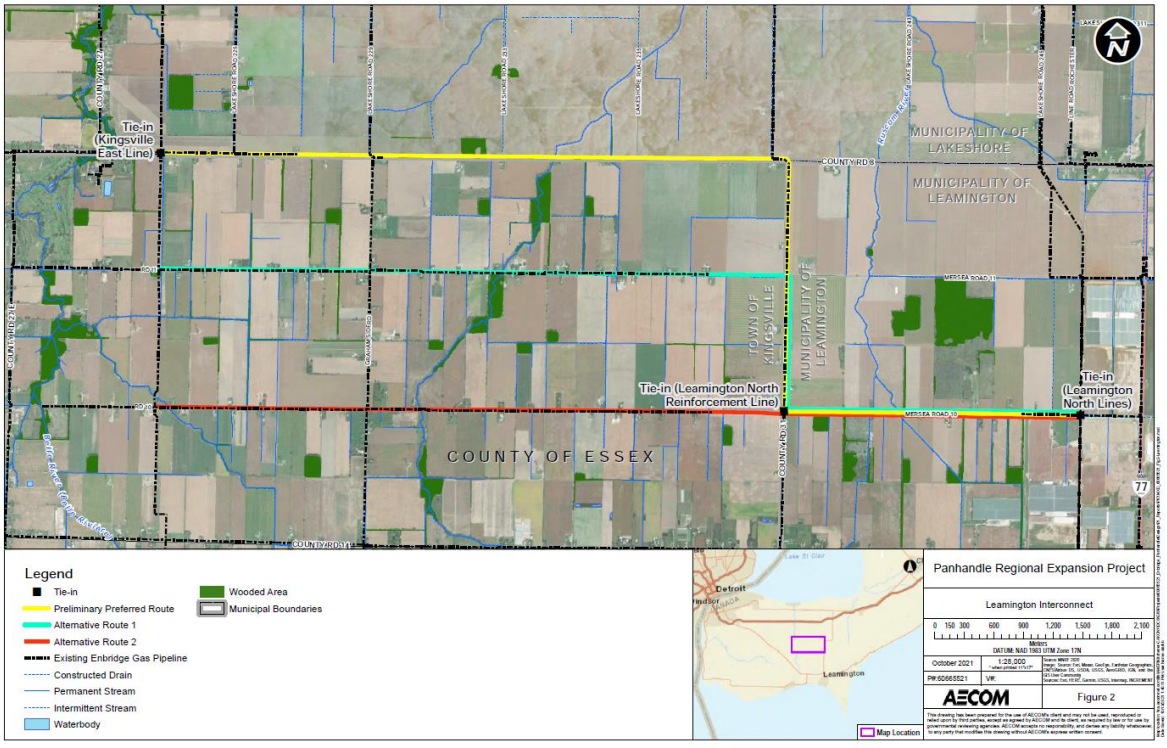
Sincerely,

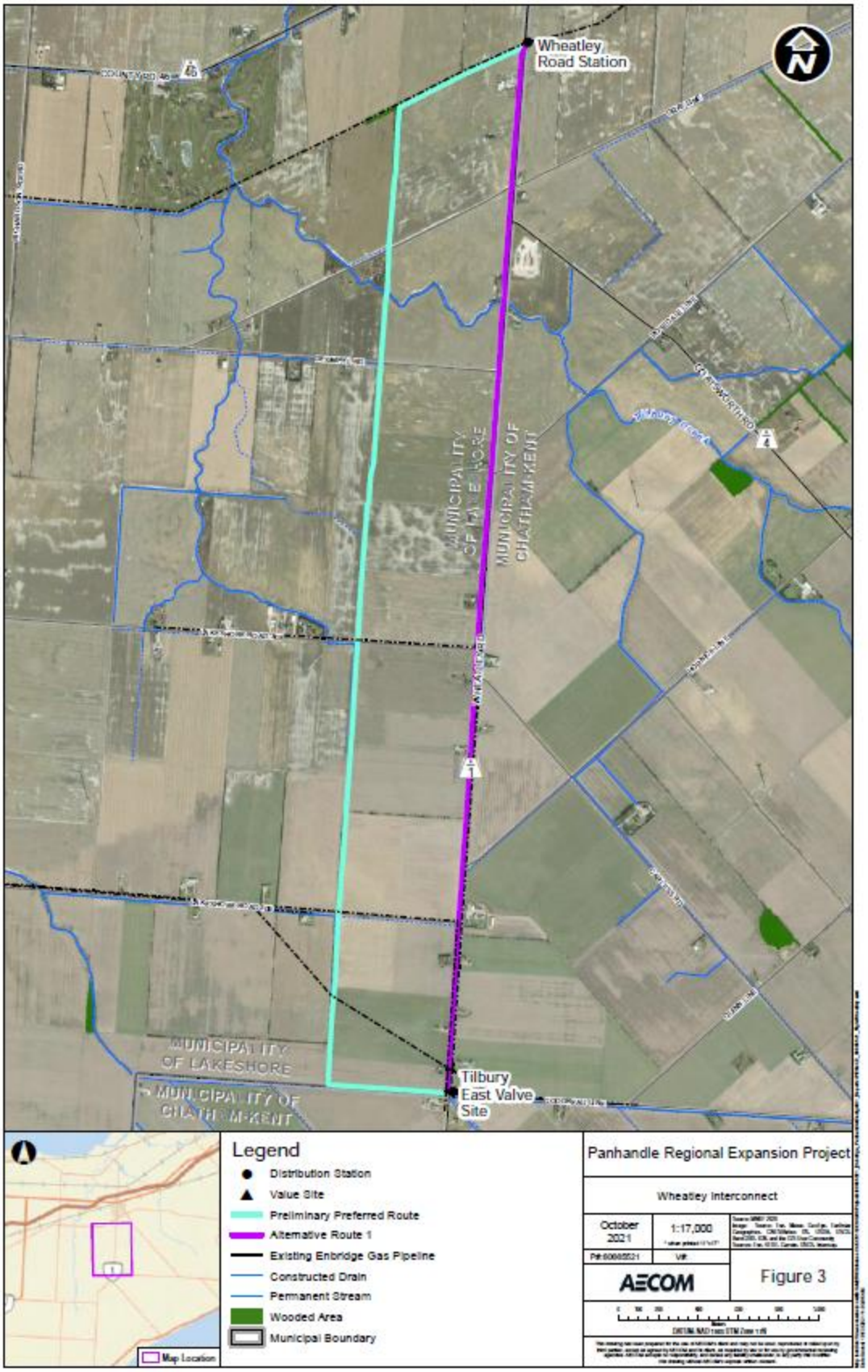


Kevin Berube
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Kevin.Berube@enbridge.com
Phone: (416) 666-6759

CC: Evan Tomek - Enbridge Inc.
Mark Van der Woerd – AECOM
Kristan Washburn – AECOM


Dover Transmission Station
Lake St. Clair
Stoney Point/Pointe-aux-Roches
Tilbury
Comber
Comber Transmission Station
Legend
Transmission Station
Preliminary Preferred Route
Existing Enbridge Gas Pipeline
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
Map Location
Panhandle Regional Expansion Project
Panhandle Line Loop
AECOM
Figure 1


Tie-in (Kingsville East Line)
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
Legend
Tie-in
Preliminary Preferred Route
Alternative Route 1
Alternative Route 2
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundaries
Map Location
Panhandle Regional Expansion Project
Leamington Interconnect
AECOM
Figure 2


Wheatley Road Station
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF CHATHAM-KENT
Tilbury East Valve Site
Legend
Distribution Station
Value Site
Preliminary Preferred Route
Alternative Route 1
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Wooded Area
Municipal Boundary
Map Location
Panhandle Regional Expansion Project
Wheatley Interconnect
October 2021
1:17,000
AECOM
Figure 3

Line-item attachment 5.2

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

Line-item attachment 5.5

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
Enviromental 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:	www.virtualengagement.ca/panhandle

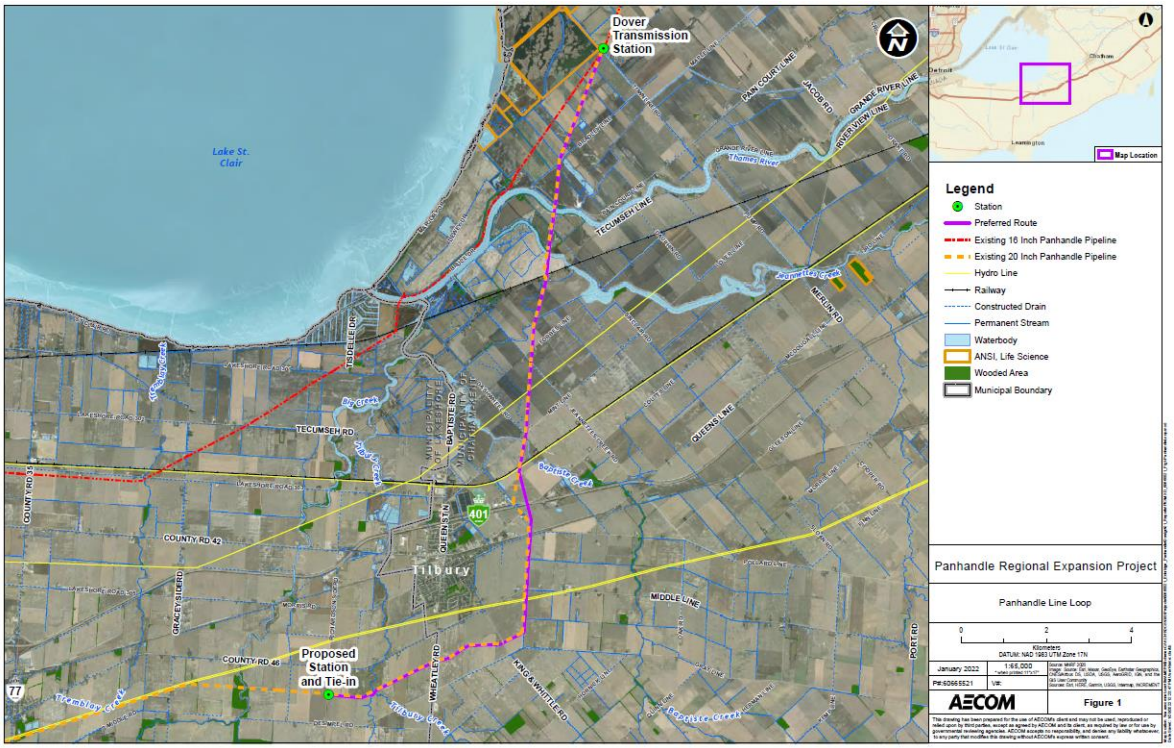
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

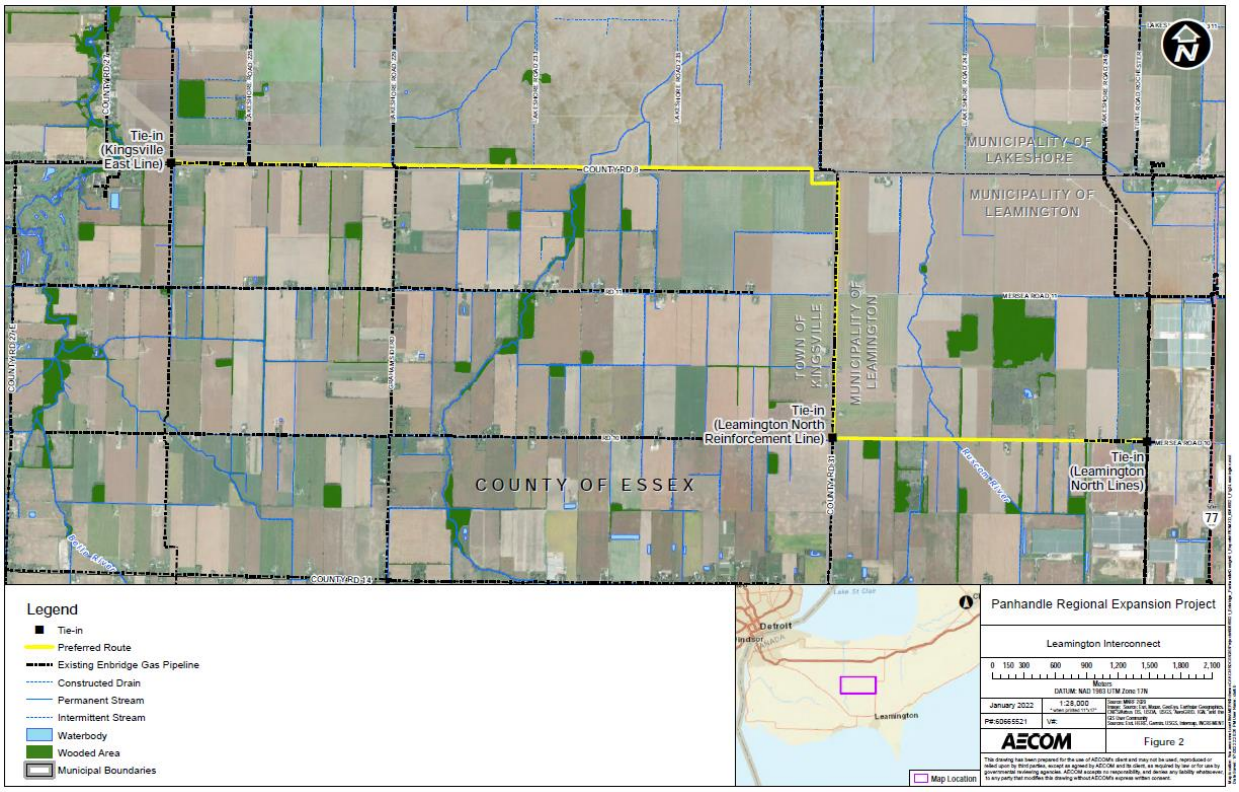
Sincerely,

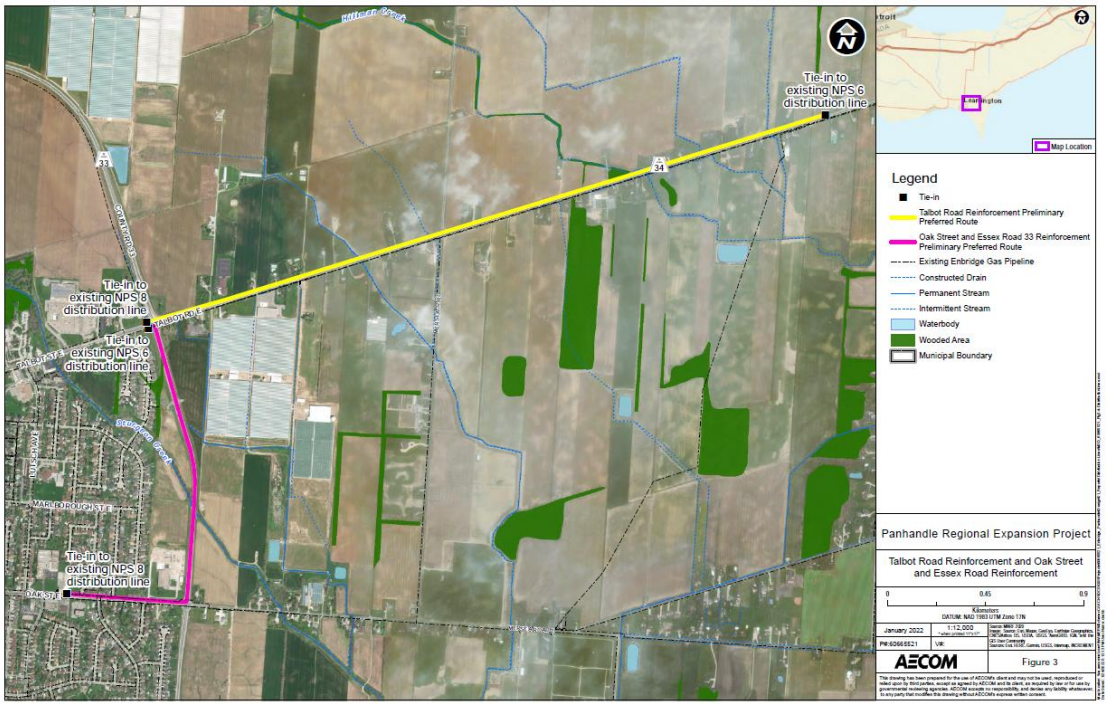


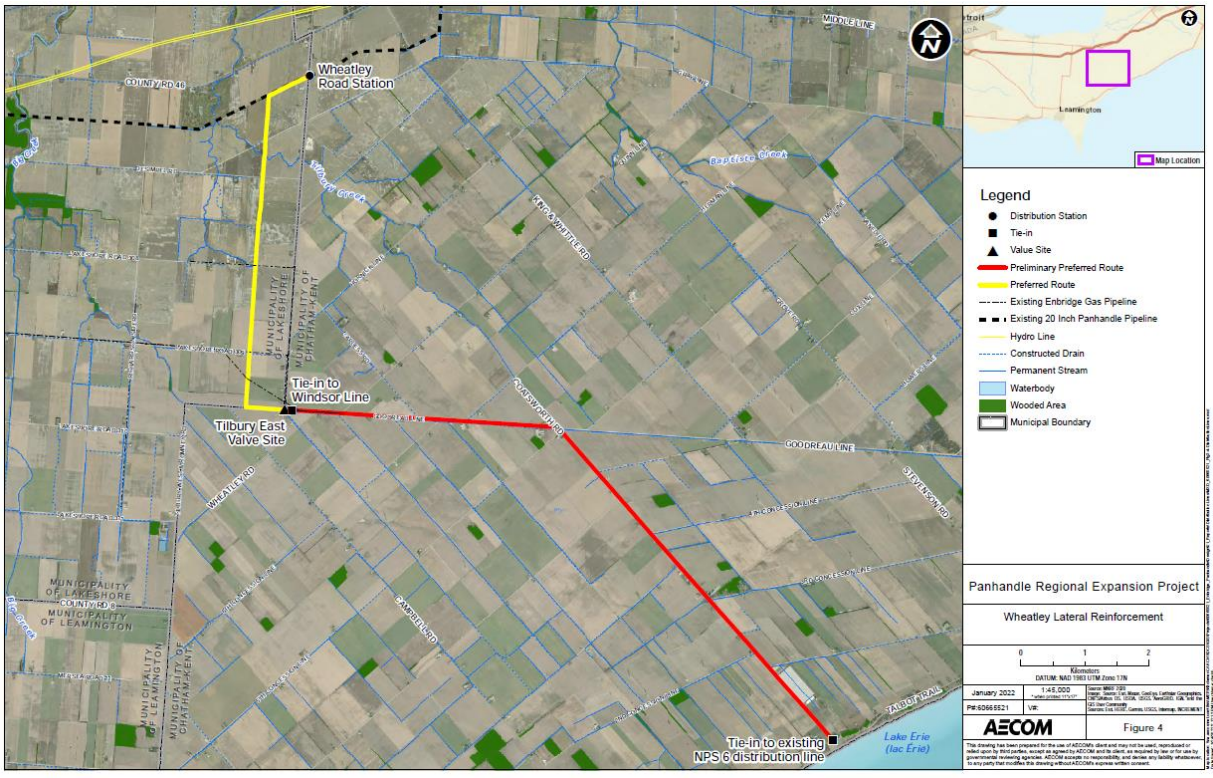
Kevin Berube
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Kevin.Berube@enbridge.com
Phone: (416) 666-6759

CC: Evan Tomek – Enbridge Gas Inc.
Mark Van der Woerd – AECOM
Kristan Washburn – AECOM


Dover Transmission Station
Lake St. Clair
TECUMSEH RD
COUNTY RD 42
COUNTY RD 46
Tilbury
Proposed Station and Tie-in
401
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
AECOM
Figure 1


Tie-in (Kingsville East Line)
COUNTY RD 8
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
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
AECOM
Figure 2


Tie-in to existing NPS 6 distribution line
Tie-in to existing NPS 8 distribution line
Tie-in to existing NPS 6 distribution line
Tie-in to existing NPS 8 distribution line
Legend
Tie-in
Talbot Road Reinforcement Preliminary Preferred Route
Oak Street and Essex Road 33 Reinforcement Preliminary Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundary
Panhandle Regional Expansion Project
Talbot Road Reinforcement and Oak Street and Essex Road Reinforcement
AECOM
Figure 3


Wheatley Road Station
Tie-in to Windsor Line
Tilbury East Valve Site
Tie-in to existing NPS 6 distribution line
Lake Erie (lac Erie)
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
AECOM
Figure 4

Line-item attachment 5.6

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

Line-item attachment 5.7

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.

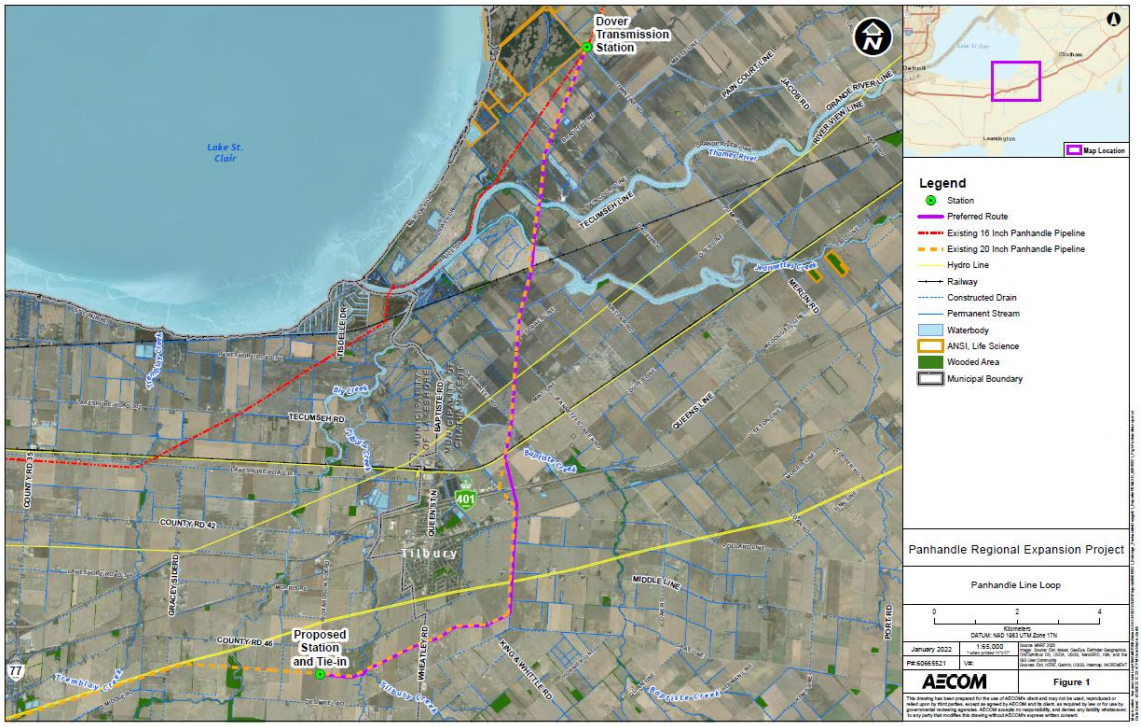
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

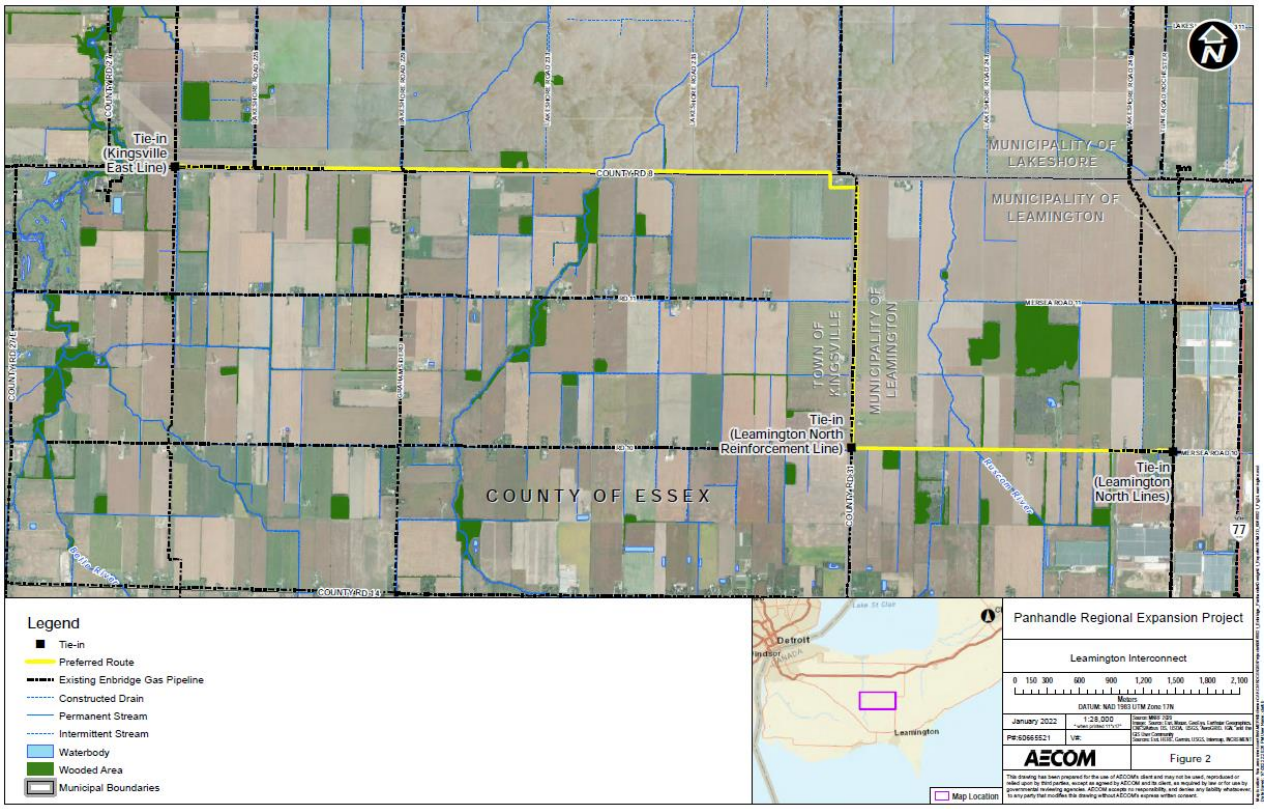
Sincerely,



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


Dover Transmission Station
Lake St. Clair
Tilbury
Proposed Station and Tie-in
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
Map Location
Panhandle Regional Expansion Project
Panhandle Line Loop
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:65,000
PIF:60665521
AECOM
Figure 1


Tie-in (Kingsville East Line)
COUNTY RD 8
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
Legend
Tie-in
Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundaries
Detroit
Leamington
Map Location
Panhandle Regional Expansion Project
Leamington Interconnect
Meters
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:28,000
PIF:60665521
AECOM
Figure 2

Line-item attchment 5.8

From: Lauren Whitwham
To: environment@oneida.on.ca
Cc: Kevin Berube
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
109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect. Inclusion.

Line-item attachment 5.12

From: Lauren Whitwham
To: 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

Line-item attachment 5.17

From: Kevin Berube <kevin.berube@enbridge.com>
Sent: Monday, January 30, 2023 2:38 PM
To: Brandon Doxtator (environment@oneida.on.ca) <environment@oneida.on.ca>
Subject: Update: Panhandle Regional Expansion Project

Boozhoo Brandon,

I'm writing to provide you with an update on Enbridge Gas' Panhandle Regional Expansion Project.

In December, Enbridge Gas sent a request to the Ontario Energy Board (OEB) for a temporary pause in the regulatory review of our proposed Panhandle Regional Expansion Project. The OEB granted that pause in December. Since that time, Enbridge Gas has continued to review potential material increases to components of the estimated project cost, through a competitive procurement process.

In addition, we now have the benefit of better understanding of actual attachments to the Panhandle system in 2022. As a result, we are re-assessing the staging of the project and can confirm that the start of construction will be delayed from 2023 to 2024. We expect that all incremental demand on the Panhandle system for winter 2023/2024 will be accommodated. We are also continuing to advance the project and anticipate resuming the regulatory process in 2023.

We wanted to make you aware of this. I will keep you updated as we move forward.

Meegwetch and let me know if you have any questions,

Kevin

Line-item attachment 5.18

From: Kevin Berube
To: Brandon Doxtator (environment@oneida.on.ca)
Subject: Panhandle Scope Change
Date: Monday, May 8, 2023 2:12:28 PM
Attachments: PREP Update Letter May 2023 Oneida.pdf
PREP Map May 2023.pdf

Boozhoo Brandon,

I'm reaching out to inform you of a scope change on the Panhandle Reinforcement Project. I've attached a letter outlining the scope change in detail along with a map of the area. If you have any questions please do not hesitate to reach out.

Meegwetch,
Kevin

Enbridge Gas Inc.
500 Consumers Road
North York, ON M2J 1P8
Canada

May 4, 2023

Brandon Doxtator

Enviromental Committee

Oneida Nation of the Thames

Regarding: Enbridge Gas Inc. – Project Update for Panhandle Regional Expansion Project

Dear Brandon Doxtator:

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 previously included 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 purpose of this letter is to provide an update on the latest developments regarding this project.

In December 2022, Enbridge Gas asked for and was approved by the Ontario Energy Board (OEB) for a temporary pause in the regulatory review process. Since then, the project's scope has changed. It has been determined that the Leamington Interconnect will no longer be a part of the project and would be reviewed at a later time. We are continuing to advance the project and anticipate resuming the regulatory process for the Panhandle Loop in June 2023 and are currently working towards filing an amended LTC application with the OEB at that time.

As part of the planning process, Enbridge Gas retained AECOM Canada Ltd. (AECOM) to undertake an Environmental Report for the project. The Environmental Report fulfilled the requirements of the OEB's "*Environmental Guidelines for the Location, Construction, and*

Line-item attachment 6.1

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 m3/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

Line-item attachment 6.2

From: Lauren Whitwham
To: Dean Jacobs; Norma.Altiman@wifn.org
Cc: Matthew Chegahno; Janet Macbeth
Subject: Enbridge proposed project: Panhandle Transmission System
Date: Friday, July 9, 2021 10:07:00 AM
Attachments: image003.png

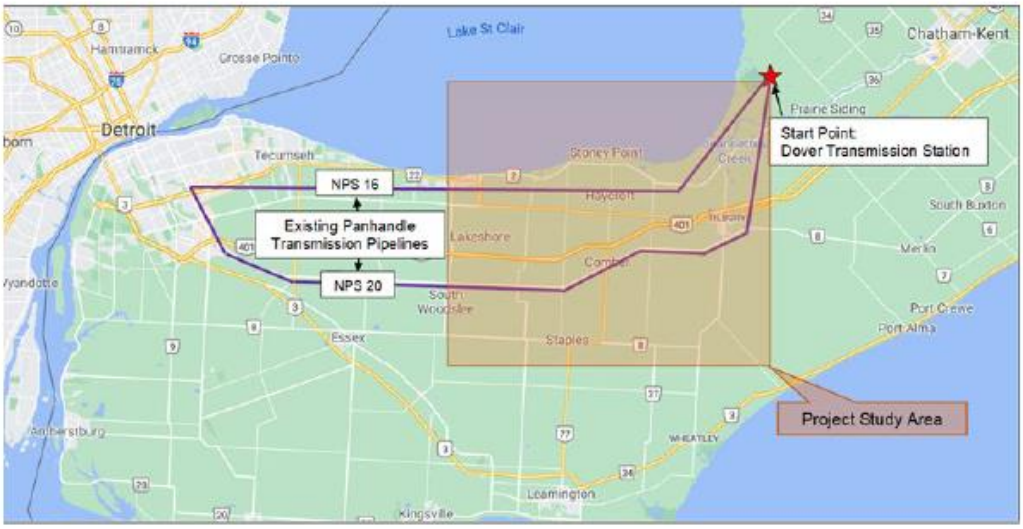
Good morning,

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

Line-item attachment 6.4

Explanatory note: Could not locate the record of correspondence. Followed up with WIFN in 6.17

Line-item attachment 6.7

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

Line-item attachment 6.9

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 WIFN.pdf

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 .

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:	www.virtualengagement.ca/panhandle

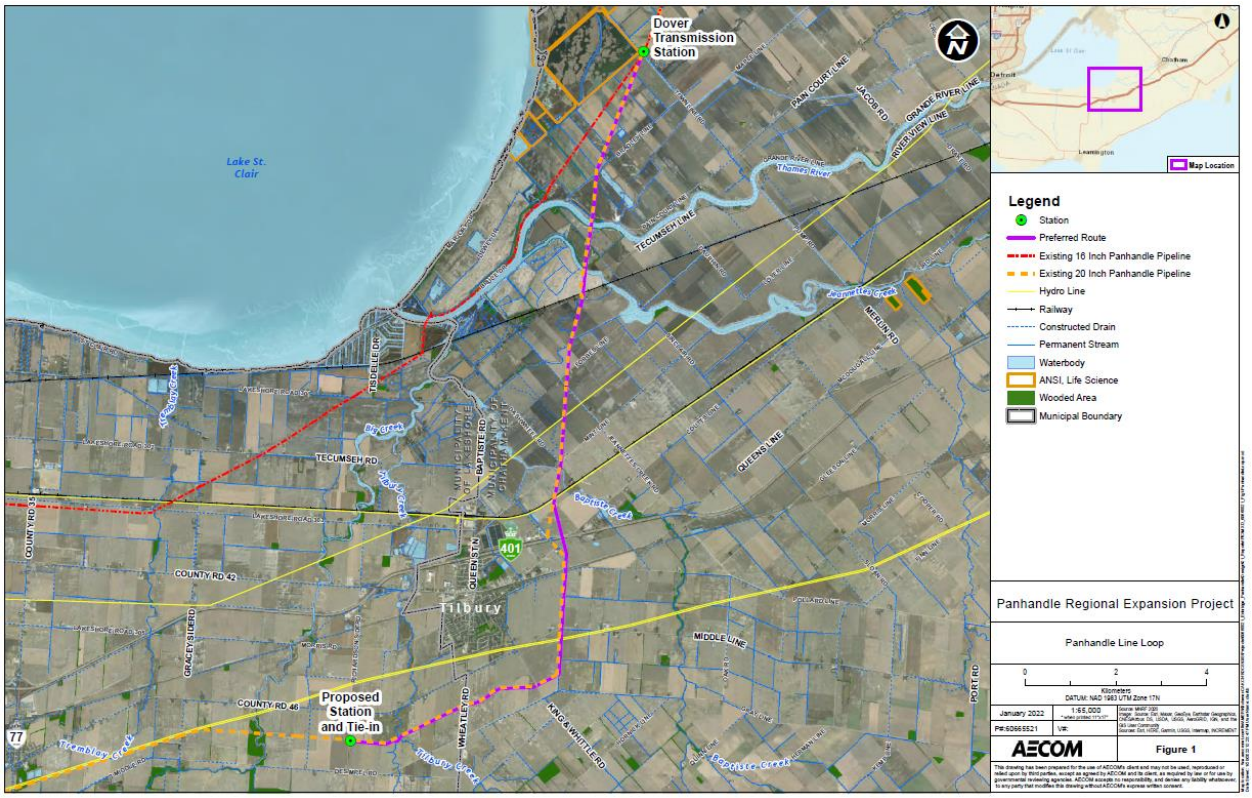
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

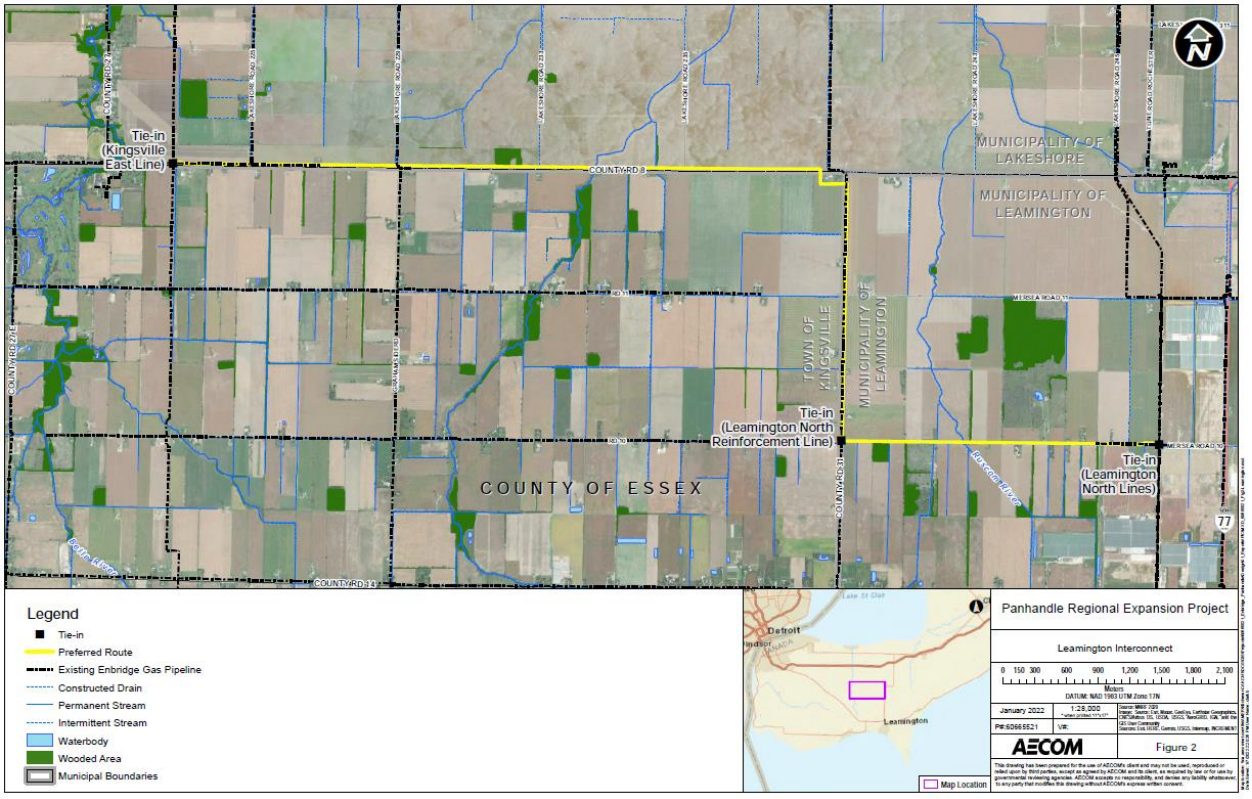
Sincerely,

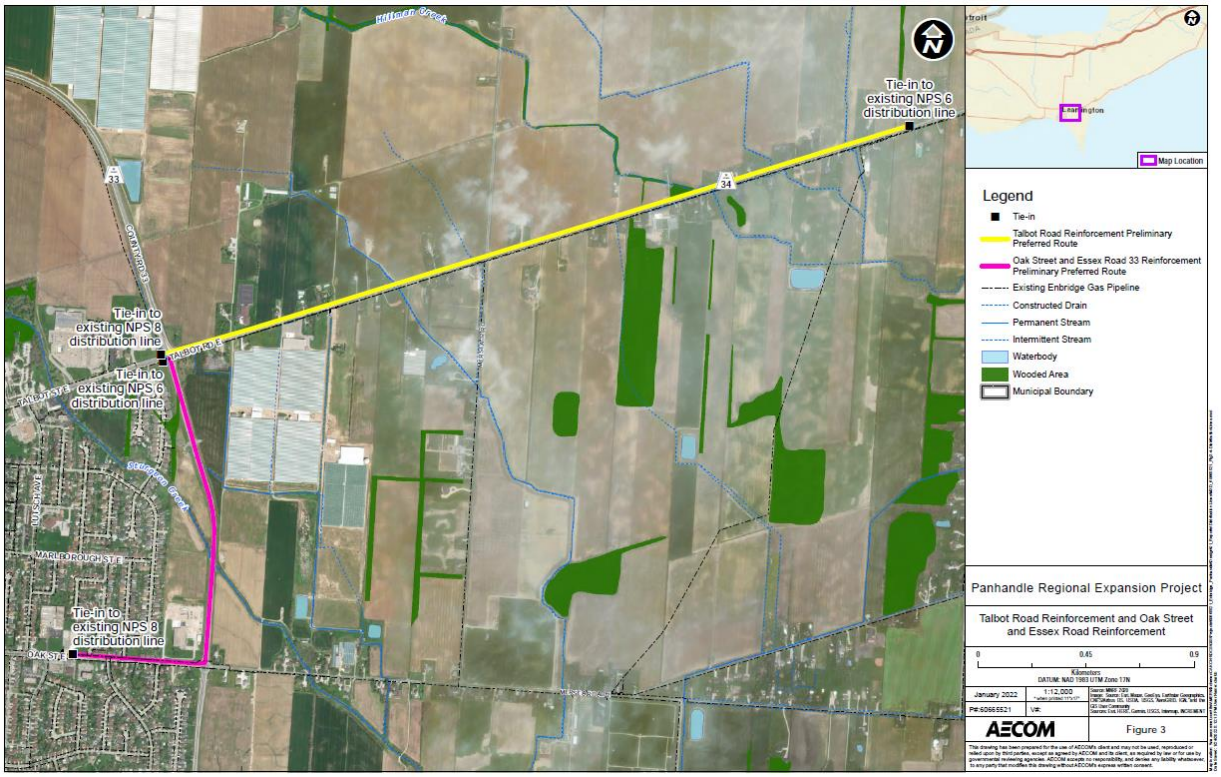


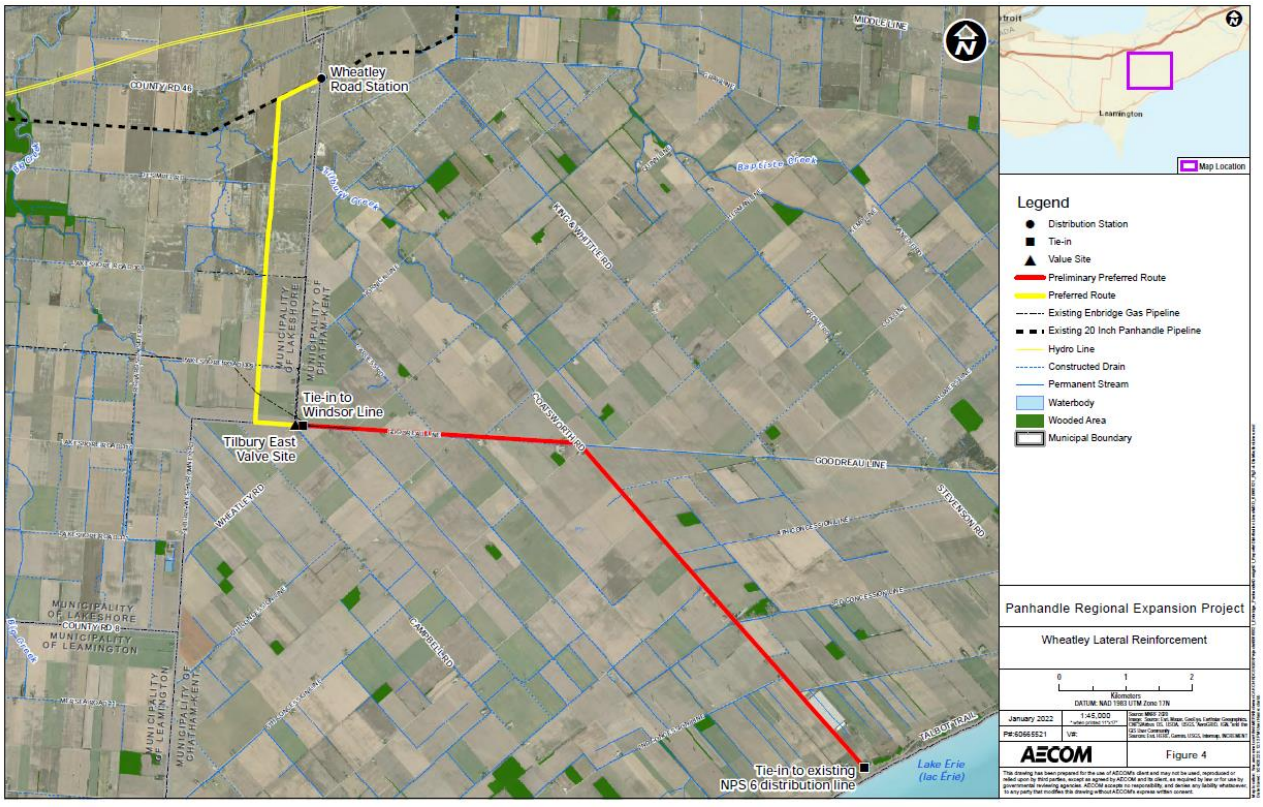
Lauren Whitwham
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Lauren.Whitwham@enbridge.com
Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.
Mark Van der Woerd – AECOM
Kristan Washburn – AECOM


Dover Transmission Station
Lake St. Clair
TECUMSEH RD
COUNTY RD 42
COUNTY RD 46
Tilbury
Proposed Station and Tie-in
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
AECOM
Figure 1


Tie-in (Kingsville East Line)
COUNTY RD 8
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
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
AECOM
Figure 2


Tie-in to existing NPS 6 distribution line
Tie-in to existing NPS 8 distribution line
Tie-in to existing NPS 6 distribution line
Tie-in to existing NPS 8 distribution line
OAK ST
MARLBOROUGH STE
Legend
Tie-in
Talbot Road Reinforcement Preliminary Preferred Route
Oak Street and Essex Road 33 Reinforcement Preliminary Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundary
Map Location
Panhandle Regional Expansion Project
Talbot Road Reinforcement and Oak Street and Essex Road Reinforcement
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:12,000
P#:60665521
AECOM
Figure 3


Wheatley Road Station
Tie-in to Windsor Line
Tilbury East Valve Site
Tie-in to existing NPS 6 distribution line
Lake Erie (lac Erie)
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
Map Location
Panhandle Regional Expansion Project
Wheatley Lateral Reinforcement
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:45,000
P#:60665521
AECOM
Figure 4

Line-item attachment 6.11

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

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 .

If you have comments on the slides, please feel free to send them my way.

Thanks so much,
Lauren

Line-item attachment 6.12

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

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.

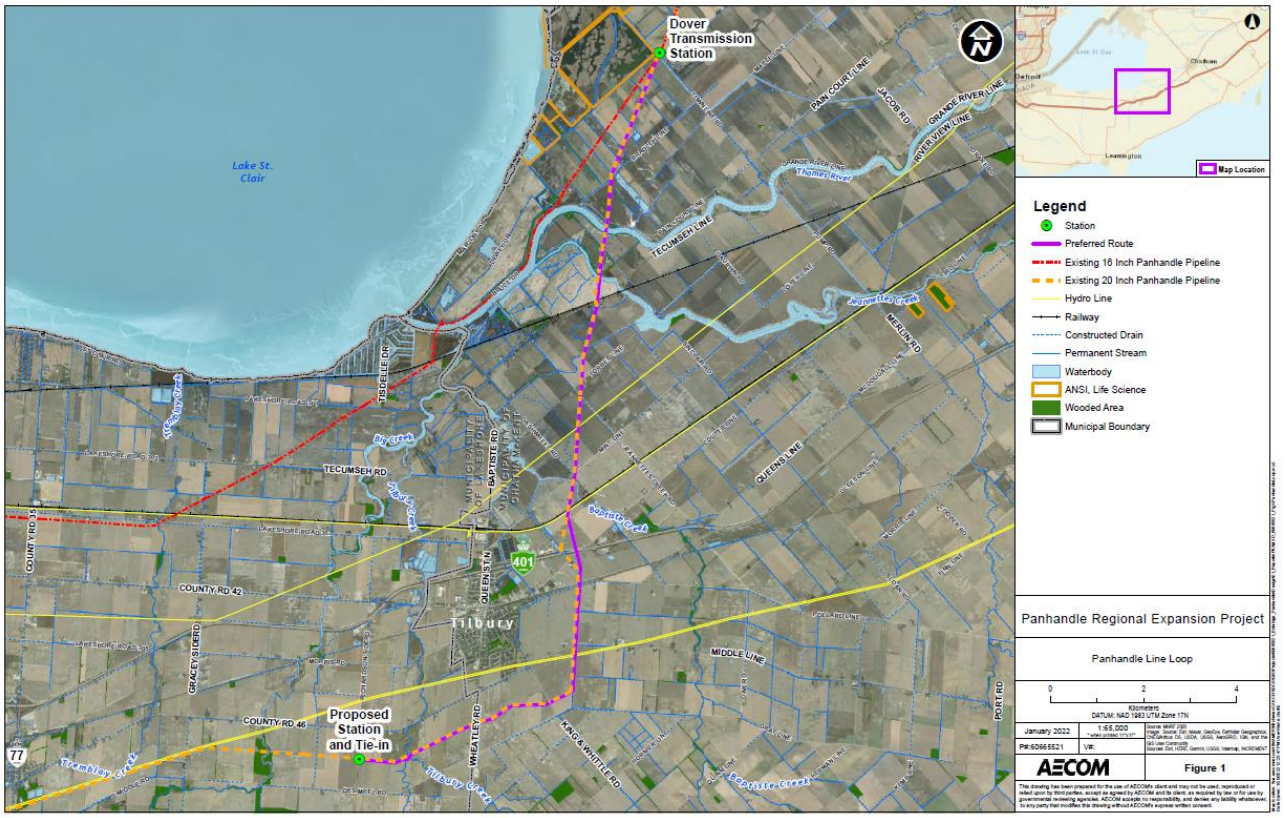
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

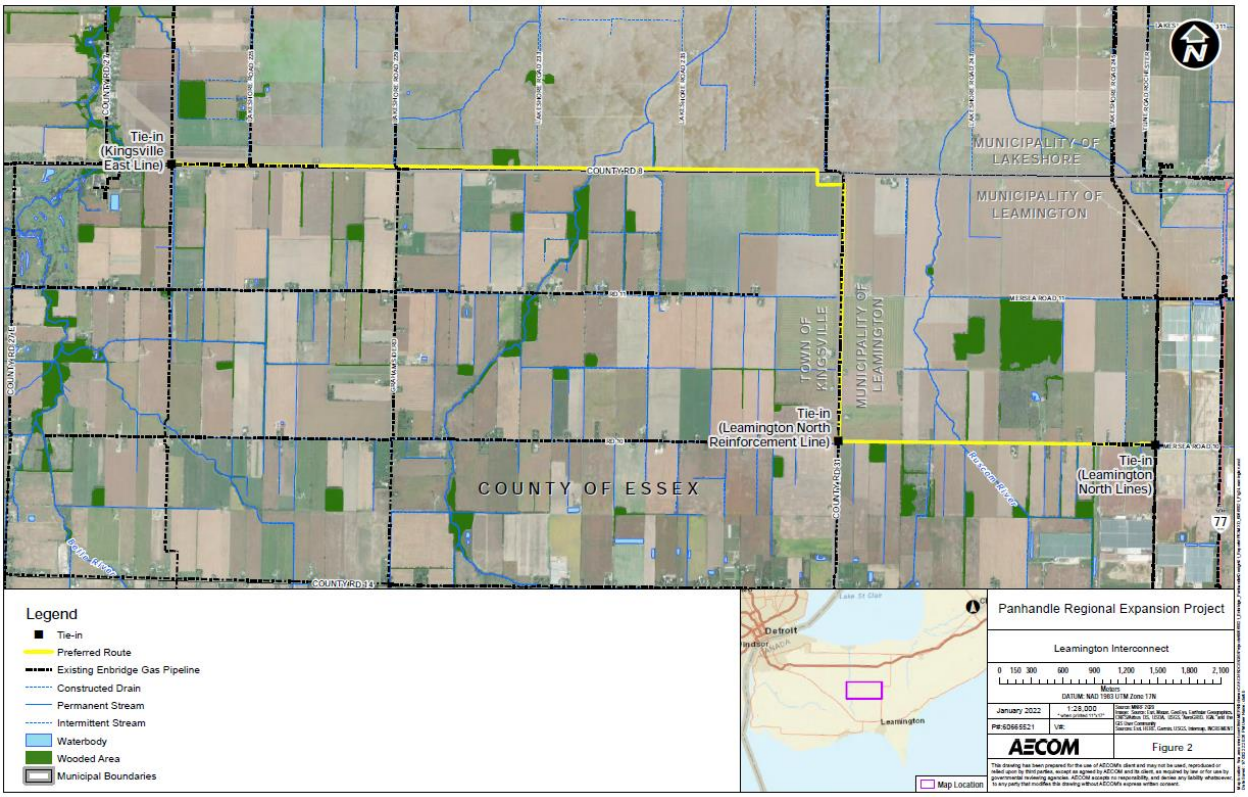
Sincerely,



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


Dover Transmission Station
Proposed Station and Tie-in
Tilbury
Lake St. Clair
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Station
Preferred Route
Existing 16 Inch Panhandle Pipeline
Existing 20 Inch Panhandle Pipeline
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Map Location
Panhandle Regional Expansion Project
Panhandle Line Loop
AECOM
Figure 1


Tie-in (Kingsville East Line)
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
Legend
Tie-in
Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundaries
Map Location
Panhandle Regional Expansion Project
Leamington Interconnect
AECOM
Figure 2

Line-item attachment 6.13

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

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

Line-item attachment 6.16

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

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

Line-item attachment 6.17

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

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

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)

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

Line-item attachment 6.19

From: Larissa Wrightman
To: Lauren Whitwham
Cc: Janet Macbeth
Subject: [External] Panhandle Regional Expansion Project Environmental Report Review
Date: Monday, June 20, 2022 4:50:06 PM
Attachments: 220610 Review Letter - Enbridge Panhandle_055332.pdf

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CAUTION! EXTERNAL SENDER
Were you expecting this email? TAKE A CLOSER LOOK. Is the sender legitimate?
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Good afternoon Lauren,

Please find attached Neegan's review and comments on the Panhandle Regional Expansion Project Environmental Report. Please contact us if you have any questions.

Kind regards,
Larissa

Neegan Burnside Ltd. 15 Townline Orangeville ON L9W 3R4 CANADA
telephone (519) 941-1161 **fax** (519) 941-8120 **web** www.neeganburnside.com

NEEGAN BURNSIDE

June 10, 2022

Via: Email

Janet Macbeth
Project Review Coordinator
Walpole Island Heritage Centre
R.R. No. 3
Wallaceburg ON N8A 4K9

Dear Janet:

Re: Review of Enbridge Panhandle Regional Expansion Project Environmental Report
Project No.: 300055332.0000

Neegan Burnside Ltd. (Neegan Burnside) was retained by Bkejwanong (Walpole Island First Nation; WIFN) to provide a technical review of the Enbridge Panhandle Expansion Project Environmental Report (ER).[1]

Neegan Burnside understands that WIFN maintains title to its unceded lands and continues to assert and exercise its inherent Indigenous and Treaty Rights to the lands of its "reserve" and territory. These rights include, but are not limited to, hunting, fishing, trapping, harvesting and gathering, as well as the protection and management of ecological, spiritual, and cultural values and sites associated with WIFN's stewardship and governance rights.[2] This also includes asserting Aboriginal title to subsurface resources along with the Aboriginal right to use these resources, since they were never knowingly shared when the First Nation and the British Crown entered into treaties to allow for homes to be built and land to be farmed by settlers.

The proposed Panhandle Regional Expansion Project will involve:

- Increased capacity of the Panhandle natural gas transmission system.
- 19 km of new pipeline, 36 inches in diameter, parallel to the existing Panhandle pipeline running from Richardson Side Road in the Municipality of Lakeshore to Enbridge Gas' existing Dover Transmission Station in the Municipality of Chatham-Kent.
- 12 km of new pipeline, 16 inches in diameter, to connect existing Leamington North Lines to Kingsville East Line and Leamington North Reinforcement Line, Located in the Town of Kingsville, and the Municipality of Leamington.

[1] http://winfcap.weebly.com/
[2] http://winfcap.weebly.com/

1.0 Contaminated Sites

Comment 1: The report reviewed federal and provincial sources for formal records of landfills contaminated sites in the proposed pipeline area; however, these archives are not necessarily indicative of the presence of potential contaminated sites. The mitigation plan is reactive based on finding issues of concern not proactive by evaluating the potential for an impact prior to construction. A proactive approach to identify issues of concern prior to construction is much more effective.

Comment 2: The process should include (prior to construction) the completion of a Phase One Environmental Site Assessment (ESA) in accordance with Ontario Regulation 153/04 and CSA Standard CSA Z768-01 (Reaffirmed 2016) along the selected route. This will provide an indication of the potential to intersect contaminated sites in a well-structured fashion. The need for additional assessment such as a Phase Two ESA would be contingent on the findings of the Phase One ESA. This information would allow for a pre-construction understanding of the potential to disturb contamination and the creation of an impact mitigation plan. The comments on Hydrogeology would also be very relevant when installing linear infrastructure through contaminated areas. The preparation of the Phase One ESA will also assist in the preparation of the Assessment of Past Uses (APU) required by Ontario Regulation 406/19 Onsite and Excess Soil Management that has been referenced in the report as part of the protocol to manage excess soil. The APU directs the Soil Characterization Report. In addition, the Phase One ESA will identify the appropriate Standards (as per Ontario Regulation 406/19) for the importation of soil for backfill along the pipeline route.

2.0 Hydrogeology

Comment 3: The report addresses the short-term construction related impacts and mitigation but does not address long term impacts of the pipeline once it is in place. The pipeline has the potential to be a preferential pathway for groundwater migration and possibly a preferential pathway for contaminant migration. A mitigation plan is required to address how the creation of preferential groundwater pathways will be addressed to prevent impacts. This could include the use of clay plugs or other methods at sensitive places along the pipeline based on the hydrogeology of the surrounding area through which the pipeline passes. The philosophy of the installation should be to maintain the hydrogeological regime and not introduce any significant new flow pathways.

3.0 Geotechnical

Comment 4: The report recognizes the potential impacts and the proposed mitigation methods are reasonable. The comments regarding Hydrogeology should be taken into consideration as unnatural groundwater flow pathways created by the pipeline, if not appropriately mitigated, has the potential for a geotechnical impact. Comments on Contaminated Sites includes comments on the assessment and management of excess soil and selection of the appropriate soil quality Standards for importation along the pipeline route and must be considered in the geotechnical planning.

4.0 Infrastructure

Comment 5: The report identifies the potential to intersect existing infrastructure of various types along the pipeline route and focuses on the impacts to social and economic impacts of construction activity but does not note the need for mitigation of impacts to physical infrastructure especially co-buried infrastructure. A mitigation plan is required to address the potential to impact physical buried infrastructure such as pipelines, cables, and other services. The mitigation plan should recognize that co-buried infrastructure must be identified, and impacts mitigated including reference to Contaminated Sites, Hydrogeological and Geotechnical comments.

5.0 Terrestrial Ecology Impacts

Future Commitments

Comment 6: Please provide the proposed work plan when available including the survey locations, protocols, and survey timing.

Comment 7: Please provide the results of field studies once they are available.

Environmental Monitoring and Contingency Plans

Comment 8: Please specify who will be responsible for the development of a frac out plan if an horizontal directional drilling (HDD) approach will be used at watercourse crossings. If applicable, please provide the plan when available.

Impacts

Comment 9: As per the Ministry of the Environment, Conservation and Parks (MECP) comments, provide a rationale that if HDD will be used, will it be completed at a sufficient depth to ensure that overwintering reptiles and / or turtle eggs will not be impacted.

Mitigation Measures

Comment 10: Will restoration measures beyond seeding (i.e., plantings, habitat enhancement) be considered?

Comment 11: It is understood that trees directly above or adjacent to the pipeline or pipeline infrastructure will be removed and will not be replaced to facilitate future maintenance. Will compensation plantings be completed for the lost trees? If compensation plantings will be employed, where will these plantings occur? Please refer to section 8.0 Cumulative Effects for further comments in regards to tree compensation.

Comment 12: If significant wildlife habitat (SWH) features are identified within the project area and are likely to be impacted by the proposed project, feature-specific mitigation measures should be provided (i.e., setbacks, timing windows, etc.).

Comment 13: All individuals responsible for the handling herpetofauna should be trained on how to handle reptiles correctly and safely.

Comment 14: Species at Risk (SAR) identification training should be provided to construction staff and contractors on-site staff regardless of the trenched installation method employed given the identified potential for the direct loss and / or damage of SAR habitat during site preparation, excavation, etc.

Comment 15: Please provide additional details regarding wildlife rescues including if permits and / or discussion with the Ministry of Northern Development, Mines, Natural Resources and Forestry (MNDMNRF) will be required.

Comment 16: In areas where there is potential for reptiles to occur, erosion and sediment control (ESC) / wildlife exclusion fencing should be designed in accordance with the recommendations provided in *Reptile and amphibian exclusion fencing* (MNRF, 2020). Fencing design should consider species-specific height and burial recommendations provided in Table 1 of the MNRF document where appropriate.

Comment 17: Surveys of the work area should be completed prior to and following the installation of ESC measures to ensure wildlife has not become trapped in the work area.

Comment 18: Debris from vegetation removals should be kept and used as brush piles for snakes where feasible and appropriate.

Comment 19: Where there is potential for SAR snakes or turtles to occur within the project area, daily sweeps of the work limits and construction equipment should occur during the snake and turtle active windows.

Comment 20: If site preparation will occur during the turtle nesting period and is within proximity to identified turtle habitat, the construction limits should be surveyed by an ecologist / biologist to identify turtle nests. If any nests are encountered, the MNDMNRF should be contacted to determine next steps. If the nest is presumed to be from an endangered or threatened species, the MECP should also be contacted for further direction.

6.0 Aquatic Ecology Impacts

Comment 21: Overall, potential impacts to fish habitat and SAR and their habitat cannot be accurately assessed at this time until field studies confirm the fish habitat conditions, features, or Fisheries Act and species-specific SARA mitigation plans. Impacts to fish habitat will depend on the selected installation method. Per section 5.2.1 Construction, the installation method for watercourse crossings have not been confirmed at this point.

Comment 22: The methodology for the aquatic habitat and fisheries community sampling are not provided. Please note, it is expected that targeted surveys for SAR fish and mussels will be conducted within the project area. Please provide the results of the fish community sampling and fish/mussel habitat assessments, when available.

Comment 24: Please provide WIFN the opportunity to assign field technicians to participate in the 2022 fish community sampling and fish/mussel habitat assessments.

Comment 25: Previous and future correspondence with the MECP, Fisheries and Oceans Canada (DFO), NDMNRF, and St. Clair Region Conservation Authority (SCRCA) should be provided when available.

Comment 26: It is mentioned that DFO will review the project for Fisheries Act approval, if required based on construction methodology, as well as for approval under SARA. Please note, it may be required to either register the project with MECP or obtain an overall benefit permit from MECP for aquatic SAR, depending on the footprint of the works in SAR habitat.

Comment 24: On page 63 in *Table 5-7: Potential Effects, Proposed Mitigation and Net Effects on Fish and Fish Habitat and Aquatic SAR* under the heading *Erosion and Sediment Control* the text refers to Appendix I:

> "For detailed information on mitigation measures, contingency plans, and construction sequences of different types of watercourse crossings, refer to the Generic Sediment Control Plans provided in Appendix I."

Appendix I in the report contains only a generic sediment control fence diagram and no reference to detailed information on mitigation measures, contingency plans, and construction sequences of different types of water crossings. Please provide details from the referenced appendix for review.

7.0 Socio-economic and Cultural Impacts

Comment 25: As identified in Table 4-6, a significant portion of the population within the Project Study Areas (PSAs) identify as Indigenous. Walpole Island is located within 50 km of the PSAs. Please include details specific to local Indigenous communities, including WIFN, when available.

Comment 26: Section 4.4.5 Culture, Tourism and Recreation Facilities does not include recognition of the cultural landscape values held by WIFN in the PSAs. WIFN has occupied and used the lands of its territory since time immemorial, which would include cultural and spiritual use values and activities throughout its territorial and Treaty lands. Please be aware that the current conditions of the PSAs do not preclude WIFN from re-establishing conditions to support future desired cultural and spiritual uses.

8.0 Cumulative Effects

Comment 27: We recognize the justification for not replacing trees removed within the corridor, however we would like to ask if there is an opportunity for compensation plantings outside of the corridor. Through the continual development in the area and tree removal within the Enbridge corridors, there is an ongoing negative impact to the area. Cumulative effects are defined by the Cumulative Effects Assessment Practitioners Guide (1999) as changes to the environment that are caused by an action in combination with other past, present, and future human actions. Tree removal along the corridor associated with Enbridge projects may be contributing to a “nibbling loss” through the gradual disturbance and loss of habitat in the area.

Forest cover is already very low in this region. The Chatham-Kent Official Plan (2018) specifies the total land area has approximately 4% forest cover. The Lake Erie-Lake Ontario Ecoregion (7E) is also called the Carolinian Forest Ecoregion and contains the greatest species diversity in Canada. The on-going vegetation removals through Enbridge’s projects may result in less representation of these rare species on a regional scale. WIFN would like to see that the land is restored to a better condition than before the proposed development. WIFN requests that trees that are removed directly above and adjacent to the pipeline and trees removed on temporary construction areas are compensated with native tree seedlings at a ratio of 3:1.

Comment 28: The Environmental Guidelines (2016) set out by the Ontario Energy Board are temporally and spatially inadequate to assess cumulative effects and do not necessarily take Indigenous values into account. We do not anticipate that the existing gaps in evaluating cumulative effects as set out in the Environmental Guidelines (2016) will be addressed through this project.

Comment 29: Due to the proponent's on-going development and operation within the WIFN territory, we continue to encourage a collaborative approach to developing a cumulative effects assessment framework with WIFN. As identified in previous projects, we encourage Enbridge to consider how it may achieve net environmental gains through its on-going projects and operations within WIFN's territorial and Treaty lands. Through these on-going projects, there is an opportunity for Enbridge to collaborate with WIFN to determine what actions and policies could achieve net environmental gain to prevent and mitigate cumulative effects and begin to restore conditions to support WIFN future desired uses.

Comment 30: WIFN requests the opportunity to assign field technicians to participate in environmental monitoring activities including tree/vegetation survival inspections and the one-year walking inspection to determine whether areas require further rehabilitation.

9.0 Consultation

The consultation components of the ER were reviewed including Chapter 3 and Appendix B. This review is limited to consultation efforts made by Enbridge with First Nations, focusing on the specific comments raised by WIFN. The following comments are provided:

Comment 31: Section 3.6 of the ER provides a summary of the feedback received from the public, agencies, Lower Thames Valley Conservation Authority, upper and lower tier municipalities, and interest groups. This section of the ER is missing information for the feedback received from the seven First Nations identified for consultation. A new section should be added to the ER to document the missing information.

Comment 32: Appendix B6 provides a log of engagement activities (emails, phone calls and meetings) with the seven First Nations identified for consultation. The ER does not include the records of correspondence (emails, minutes of meeting, etc.) that correspond to most of the log entries, except those relating to Notices.

Comment 33: The Indigenous Engagement Log references comments raised by WIFN at a meeting with Enbridge on November 15, 2021. WIFN indicated the area between the Thames River and Jeanettes Creek is very significant to WIFN and the Three Fires Confederacy. The ER does not reference this discussion with WIFN. The cultural importance of this area to WIFN and the Three Fires Confederacy should be added to the ER including a commitment to continue to consult with WIFN about this culturally important area moving forward.

Enbridge should seek discussions with WIFN for accommodation to work through the culturally significant area identified by WIFN between Jeanettes Creek and the Thames River.

Comment 34: The Project Update letter to WIFN dated April 8, 2022 notes that the Wheatley Lateral Reinforcement, Talbot Road Reinforcement and Oak Street and Essex Road 33 Reinforcement will no longer be considered part of the Panhandle Regional Expansion Project. It is unclear if Enbridge will pursue these distribution pipelines in the future and through what process these pipelines would be undertaken. Clarification should be provided in Section 1.2 of

the ER relating to the timing and process that would be used for these distribution pipelines and an acknowledgement that affected First Nations, including WIFN would be consulted early in the planning process.

If you have any questions, please contact the undersigned.

Yours truly,

Neegan Burnside Ltd.

Skye Vandenberg, M.ES., B.Sc.
Environmental Scientist
SV:jh

220610 Review Letter - Enbridge Panhandle_055332.docx
10/06/2022 10:12 AM

Line-item attachment 6.22

From: Lauren Whitwham <Lauren.Whitwham@enbridge.com>
Sent: Thursday, September 8, 2022 8:51 AM
To: Larissa Wrightman <larissa.wrightman@wifn.org>; Janet Macbeth <Janet.Macbeth@wifn.org>
Cc: Evan Tomek <Evan.Tomek@enbridge.com>
Subject: Panhandle ER responses and Field Result Memo

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 Janet and Larissa,

Thank you for your patience in regards to the Panhandle environmental report response comments.

We would be happy to meet with WIFN to discuss the responses, once you have reviewed, and steps forward. As per the responses, I will be sending an email with the Generic Sediment Control Plans for Dam & Pump, HDD, and Temporary Vehicle Crossings.

I've also included the Field Results Memo provided by Aecon.

Please let me know if you have any questions or could like to meet to discuss further.

Thanks and take care,
Lauren

Enbridge Gas Inc. ("Enbridge Gas") Response to Walpole Island First Nation (WIFN) Comments received June 20, 2022 re: Environmental Report on the Panhandle Regional Expansion Project ("Project")		
Item	Comment	Enbridge Gas Response
1.0 Contaminated Sites		
Comment 1	The report reviewed federal and provincial sources for formal records of landfills contaminated sites in the proposed pipeline area; however, these archives are not necessarily indicative of the presence of potential contaminated sites. The mitigation plan is reactive based on finding issues of concern not proactive by evaluating the potential for an impact prior to construction. A proactive approach to identify issues of concern prior to construction is much more effective.	No contaminated sites were uncovered within the vicinity of the Project Study Areas (PSAs) through review of major landfill locations, Provincial Registry ([Ministry of the Environment, Conservation and Parks] MECP Record of Site Condition (RSC) filings) and Federal Contaminated Sites Inventory. It is acknowledged in Section 4.4.8 of the Environmental Report (ER) that there is uncertainty as to the location of the 12 small landfills identified in the review. However, through mitigation measures summarized in Table 5-15, no significant adverse residual effects from Landfills and Contaminated Sites are anticipated.
Comment 2	The process should include (prior to construction) the completion of a Phase One Environmental Site Assessment (ESA) in accordance with Ontario Regulation 153/04 and CSA Standard CSA Z768-01 (Reaffirmed 2016) along the selected route. This will provide an indication of the potential to intersect contaminated sites in a well-structured fashion. The need for additional assessment such as a Phase Two ESA would be contingent on the findings of the Phase One ESA. This information would allow for a pre-construction understanding of the potential to disturb contamination and the creation of an impact mitigation plan. The comments on Hydrogeology would also be very relevant when installing linear infrastructure through contaminated areas. The preparation of the Phase One ESA will also assist in the preparation of the Assessment of Past Uses (APU) required by Ontario Regulation 406/19) for the importation of soil for backfill along the pipeline route.	Enbridge Gas performed a historical background check on lands within the PSA along with a search of contaminated sites as mentioned in Enbridge Gas' response to Comment 1. No contaminated sites were identified during this background review. Further investigative work will be completed during the excess soils work for the Project.
2.0 Hydrogeology		
Comment 3	The report addresses the short-term construction related impacts and mitigation but does not address long term impacts of the pipeline once it is in place. The pipeline has the potential to be a preferential pathway for groundwater migration and possibly a preferential pathway for contaminant migration. A mitigation plan is required to address how the creation of preferential groundwater pathways will be addressed to prevent impacts. This could include the use of clay plugs or other methods at sensitive places along the pipeline based on the hydrogeology of the surrounding area through which the pipeline passes. The philosophy of the installation should be to maintain the hydrogeological regime and not introduce any significant new flow pathways.	With the implementation of the recommended mitigation measures to avoid changes in groundwater quantity and flow pattern, as summarized in ER Table 5-1, potential adverse environmental effects of the Project will largely be avoided and, where avoidance is not possible, effects have been minimized to the point where they are not likely significant.
3.0 Geotechnical		
Comment 4	The report recognizes the potential impacts and the proposed mitigation methods are reasonable. The comments regarding Hydrogeology should be taken into consideration as unnatural groundwater flow pathways created by the pipeline, if not appropriately mitigated, has the potential for a geotechnical impact. Comments on Contaminated Sites includes comments on the assessment and management of excess soil and selection of the appropriate soil quality Standards for importation along the pipeline route and must be considered in the geotechnical planning.	Enbridge Gas will implement all the required mitigative actions defined in the ER regarding the assessment and management of hydrogeology/excess soils conditions during construction and operation phases.
4.0 Infrastructure		
Comment 5	The report identifies the potential to intersect existing infrastructure of various types along the pipeline route and focuses on the impacts to social and economic impacts of construction activity but does not note the need for mitigation of impacts to physical infrastructure especially co-buried infrastructure. A mitigation plan is required to address the potential to impact physical buried infrastructure such as pipelines, cables, and other services. The mitigation plan should recognize that co-buried infrastructure must be identified, and impacts mitigated including reference to Contaminated Sites, Hydrogeological and Geotechnical comments.	Enbridge Gas will perform locates to identify any existing infrastructure and will work closely with utility companies to ensure avoidance and/or mitigation of any possible impacts, where required. Co-buried infrastructure is not anticipated for this project.
5.0 Terrestrial Ecology Impacts		
Future Commitments		
Comment 6	Please provide the proposed work plan when available including the survey locations, protocols, and survey timing	Ecological field surveys have been completed in 2022 and will be used to enhance the understanding of environmental features in the PSAs. WIFN was offered the opportunity to participate in the 2022 field program and continue to be invited for fieldwork days.

Comment 7	Please provide the results of field studies once they are available	Enbridge Gas has committed to providing WIFN with a report summarizing the 2022 field survey findings.
Environmental Monitoring and Contingency Plans		
Comment 8	Please specify who will be responsible for the development of a frac out plan if a horizontal directional drilling (HDD) approach will be used at watercourse crossings. If applicable, please provide the plan when available.	MECP has also requested the development of a frac out plan. Enbridge Gas is committed to producing such a plan and will provide it to WIFN .
Impacts		
Comment 9	As per the Ministry of the Environment, Conservation and Parks (MECP) comments, provide a rationale that if HDD will be used, will it be completed at a sufficient depth to ensure that overwintering reptiles and/or turtle eggs will not be impacted.	Enbridge Gas will use the horizontal directional drilling (HDD) at sufficient depths as the proposed pipeline installation method to allow the pipeline to cross under the Thames River and Baptiste and Jeanettes Creeks. Therefore, no impacts are proposed to the beds of those areas and no impacts to turtle eggs or overwintering reptiles are anticipated.
Mitigation Measures		
Comment 10	Will restoration measures beyond seeding (i.e., Plantings, habitat enhancement) be considered?	Yes, where required and where any necessary landowner permission is granted.
Comment 11	It is understood that trees directly above or adjacent to the pipeline infrastructure will be removed and will not be replaced to facilitate future maintenance. Will compensation plantings be completed for the lost trees? If compensation plantings will be employed, where will these plantings occur? Please refer to section 8.0 Cumulative Effects for further comments in regard to tree compensation.	Yes, compensation plantings will be completed for tree loss in consultation with landowners and other interested parties.
Comment 12	If significant wildlife habitat (SWH) features are identified within the project area and are likely to be impacted by the proposed project, feature-specific mitigation measures should be provided (i.e.,/ setbacks, timing windows, etc.).	Yes, where these features are identified, mitigation is proposed, where required.
Comment 13	All individuals responsible for the handling herpetofauna should be trained on how to handle reptiles correctly and safely.	Qualified individuals who have been trained on how to handle reptiles will be responsible for any relocations that might be required during construction.
Comment 14	Species at Risk (SAR) identification training should be provided to construction staff and contractors on-site regardless of the trenched installation method employed given the identified potential for the direct loss and/or damage of SAR habitat during site preparation, excavation, etc.	Trained personnel will be on-site to monitor construction and be responsible for checking that the ER's mitigation measures and monitoring requirements are executed. Enbridge Gas will implement an orientation program for inspectors and contractor personnel to provide information regarding Enbridge Gas's environmental program and commitments and safety measures.
Comment 15	Please provide additional details regarding wildlife rescues including if permits and/or discussion with the Ministry of Northern Development, Mines, Natural Resources and Forestry (MNDMNRF) will be required.	Information on rescue plans can be found in Tables 5-7 and 5-9 of the ER. If during the course of wildlife rescue Species at Risk (SAR) are found to be present within the site, all local work will be stopped until a management plan has been determined with consultation, from MECP & the Department of Fisheries and Oceans Canada (DFO) if available and as appropriate. The most likely form of action will be an immediate relocation outside of the impact zone paired with additional monitoring to ensure no immediate negative effects. Regardless of SAR status, all wildlife rescues will employ methods that ensure safe capture, handling, and release to prevent harm or mortalities.
Comment 16	In areas where there is potential for reptiles to occur, erosion and sediment control (ESC)/ wildlife fencing should be designed in accordance with the recommendations provided in *Reptile and amphibian exclusion fencing* (MNRF, 2020). Fencing design should consider species-specific height and burial recommendations provided in Table 1 of the MNRF document where appropriate.	Stockpile areas placed prior to June 30 (turtle egg laying period; Ontario Nature, 2016) in proximity to suitable turtle habitat will be assessed by the environmental inspector to determine if they are suitable turtle nesting habitat, and exclusionary fencing will be installed where necessary. Stockpile areas that are placed after June 30 do not require assessment or installation of exclusionary fencing as this is after the typical period for turtle/snake egg laying. Exclusionary fencing may be installed along watercourses and the work areas to avoid fencing individual stockpiles. Stockpiles at watercourse crossings will not be in place long term. Short-term stockpiles at watercourse crossings will be monitored by a full-time environmental inspector and will be stabilized in such a manner to prevent erosion and sediment transportation.
Comment 17	Surveys of the work area should be completed prior to and following the installation of ESC measures to ensure wildlife has not become trapped in the work area.	All erosion and sediment control measures will be implemented under direction of an experienced environmental inspector who will ensure implementation of Erosion and Sediment Control (ESC) measures based on the site conditions.
Comment 18	Debris from vegetation removals should be kept and used as brush piles for snakes where feasible and appropriate.	Agreed, mitigation measures related to snakes will be developed and confirmed with MECP. However, it should be noted that debris will not be kept on the pipeline right-of-way and piling of debris outside of the pipeline right-of-way is subject to landowner approval.
Comment 19	Where there is potential for SAR snakes or turtles to occur within the project area, daily sweeps of the work limits and construction equipment should occur during the snake and turtle active windows.	Agreed, mitigation measures related to SARS snake or turtles will be developed and confirmed with MECP.
Comment 20	If site preparation will occur during the turtle nesting period and is within proximity to identified turtle habitat, the construction limits should be surveyed by an ecologist/ biologist to identify turtle nests. If any nests are presumed to be from an	Agreed. Stockpile areas placed prior to June 30 (turtle egg laying period; Ontario Nature, 2016) in proximity to suitable turtle habitat will be assessed by the environmental inspector to determine if they are suitable turtle nesting habitat, and exclusionary fencing will be

	endangered or threatened species, the MECP should also be contacted for further direction.	installed where necessary. Stockpile areas that are placed after June 30 do not require assessment or installation of exclusionary fencing as this is after the typical period for turtle/snake egg laying. Exclusionary fencing may be installed along watercourses and the work areas to avoid fencing individual stockpiles.
6.0 Aquatic Ecology Impacts		
Comment 21	Overall, potential impacts to fish habitat and SAR and their habitat cannot be accurately assessed at this time until field studies confirm the fish habitat conditions, features, or Fisheries Act and species-specific SARA mitigation plans. Impacts to fish habitat will depend on the selected installation method. Per section 5.2.1 Construction, the installation method for watercourse crossings have not been confirmed at this point.	At this point it is determined that watercourse crossings will be completed using trenchless installations methods or Isolated Open-Cut (i.e., dam & pump). However, crossing techniques will be confirmed through detailed design and discussions with appropriate regulatory authorities (e.g., Lower Thames Valley Conservation Authority, Essex Region Conservation Authority) to avoid effects to fish and fish habitat.
Comment 22	The methodology for the aquatic habitat and fisheries community sampling are not provided. Please note, it is expected that targeted surveys for SAR fish and mussels will be conducted within the project area. Please provide the results of the fish community sampling and fish/mussel habitat assessments, when available.	The methodologies used for aquatic habitat and fisheries community sampling will be outlined in a memo that will be shared with WIFN. The memo will also include a summary of the results of the sampling.
Comment 24	Please provide WIFN the opportunity to assign field technicians to participate in the 2022 fish community sampling and fish/mussel habitat assessments.	Fish community sampling and fish/mussel habitat assessment was completed at the proposed watercourse crossings in 2022. WIFN was offered the opportunity to participate in the 2022 field program.
Comment 25	Previous and future correspondence with the MECP, Fisheries and Oceans Canada (DFO), NDMNRF, and St. Clair Region Conservation Authority (SCRCA) should be provided when available.	An up-to-date Ontario Pipeline Coordinating Committee (OPCC)/agency review summary table is being kept and can be provided to WIFN upon request.
Comment 26	It is mentioned that DFO will review the project for Fisheries Act approval, if required based on construction methodology, as well as for approval under SARA. Please note, it may be required to either register the project with MECP or obtain an overall benefit permit from MECP for aquatic SAR, depending on the footprint of the works in SAR habitat.	Agreed. As noted in the ER, if a watercourse containing provincially or federally listed SAR will be affected by the project, additional engagement with regulators such as DFO and MECP will be required. The DFO could require a Fisheries Act Authorization, which requires offsetting activities, and the MECP would also need to be contacted regarding the requirements under the Endangered Species Act (ESA). Potential requirements could come in the form of mitigation advice that would support avoidance of contravention of the ESA, a notification of activity or a permit.
Comment 24	On page 63 in *Table 5-7: Potential effects, Proposed Mitigation and Net Effects on Fish and Fish Habitat and Aquatic SAR* under the heading *Erosion and Sediment Control* the text refers to Appendix I:	Generic Sediment Control Plans for Dam & Pump, HDD, and Temporary Vehicle Crossings will be provided to WIFN for review.

	"For detailed information on mitigation measures, contingency plans, and construction sequences of different types of watercourse crossings, refer to the Generic Sediment Control Plans provided in Appendix I." Appendix I in the report contains only a generic sediment control fence diagram and no reference to detailed information on mitigation measures, contingency plans, and construction sequences for different types of water crossings. Please provide details from the referenced appendix for review.	
7.0 Socio-economic and Cultural Impacts		
Comment 25	As identified in Table 4-6, a significant portion of the population within the Project Study Areas (PSAs) identify as Indigenous. Walpole Island is located within 50 km of the PSAs. Please include details specific to local Indigenous communities, including WIFN, when available.	Enbridge Gas would like to work with WIFN to learn more on how we can gather this information (if publicly available) and include details specific to the local Indigenous communities in this section.
Comment 26	Section 4.4.5 Culture, Tourism and Recreation Facilities does not include recognition of the cultural landscape values held by WIFN in the PSAs. WIFN has occupied and used the lands of its territory since time immemorial, which would include cultural and spiritual use values and activities throughout its territorial and Treaty lands. Please be aware that the current conditions of the PSAs do not preclude WIFN from re-establishing conditions to support future desired cultural and spiritual uses.	Enbridge Gas would like to obtain further details from WIFN regarding its cultural and spiritual uses on lands in the area so that we can ensure that we can mitigate any potential impacts the Project or Enbridge Gas's operations may have on WIFN's ability to use this land in the future.
8.0 Cumulative Effects		
Comment 27	We recognize the justification for not replacing trees removed within the corridor, however we would like to ask if there is an opportunity for compensation plantings outside of the corridor. Through the continual development in the area and tree removal within the Enbridge corridors, there is an ongoing negative impact to the area. Cumulative effects are defined by the Cumulative Effects Assessment Practitioners Guide (1999) as changes to the environment that are caused by an action in combination with other past, present, and future human actions. Tree removal along the corridor associated with Enbridge	Where feasible, in consultation with directly impacted landowners, Enbridge Gas will restore the lands to pre-existing conditions with the exception of woodlands and trees within the permanent easement. Enbridge Gas committed to implementing a tree replacement program that replants woodland removed with seedlings of native species that are guaranteed until they reach free to grow status. This program was planned at a ratio of 2:1 for the woodland areas removed and will now be increased to 3:1 (trees to be replaced on a 3:1 area basis at 1000 tree seedlings per acre). Directly impacted landowners are given first right of refusal for the tree planting under this program. If landowners are not interested in planting trees on their property,

	projects may be contributing to a "nibbling loss" through the gradual disturbance and loss of habitat in the area. Forest cover is already very low in this region. The Chatham-Kent Official Plan (2018) specifies the total land area has approximately 4% forest cover. The Lake Erie-Lake Ontario Ecoregion (7E) is also called the Carolinian Forest Ecoregion and contains the greatest species diversity in Canada. The on-going vegetation removals through Enbridge's projects may result in less representation of these rare species on a regional scale. WIFN would like to see that the land is restored to a better condition than before the proposed development. WIFN requests that trees that are removed directly above and adjacent to the pipeline and trees removed on temporary construction areas are compensated with native tree seedlings at a ratio of 3:1.	Enbridge Gas will work with Indigenous communities and local conservation authorities to find suitable locations to plant trees.
Comment 28	The Environmental Guidelines (2016) set out by the Ontario Energy Board are temporally and spatially inadequate to assess cumulative effects and do not necessarily take Indigenous values into account. We do not anticipate that the existing gaps in evaluating cumulative effects as set out in the Environmental Guidelines (2016) will be addressed through this project.	Thank you for providing this comment. Enbridge Gas follows the Ontario Energy Board's Environmental Guidelines for Hydrocarbon Pipelines and Facilities in Ontario (2016) when planning a pipeline project in Ontario. Section 4.3.14 of the Environmental Guidelines (2016) contains information on cumulative effects and how cumulative effects should be considered and assessed in the Environmental Report of a pipeline project. Enbridge Gas adheres to and applies the principles contained within Section 4.3.14 of the Environmental Guidelines (2016) for all our pipeline projects in Ontario. It should be noted that Enbridge Gas is open to continuing discussions on evaluating cumulative effects as it relates to Indigenous values and the environment to better improve the cumulative effects assessment process.
Comment 29	Due to the proponent's on-going development and operation within the WIFN territory, we continue to encourage a collaborative approach to developing a cumulative affects assessment framework with WIFN. As identified in previous projects, we encourage Enbridge to consider how it may achieve net environmental gains through its on-going projects, there is an opportunity for Enbridge to collaborate with WIFN to determine what actions and policies could achieve new environmental gain to prevent and mitigate cumulative effects	The cumulative effects assessment was completed in accordance with the OEB Environmental Guidelines. Enbridge Gas reviewed publicly available information on current and planned projects in the area, then considered the effects that are additive or interact with the effects that have already been identified as resulting from the pipeline construction. The cumulative effects assessment identified potential additive effects on soil, vegetation, wildlife and wildlife habitat, air quality and the acoustic environment. Enbridge Gas determined that, provided the mitigation and protective measures outlined in the ER are implemented and that concurrent projects implement similar mitigation and
	and begin to restore conditions to support WIFN future desired uses.	protective measures, potential cumulative effects are not anticipated to occur, or if they do occur, they are not anticipated to be significant. Enbridge Gas offers capacity funding to all Indigenous communities to engage in meaningful consultation on projects. Enbridge Gas would be happy to discuss the completion of an Indigenous Knowledge, Land Use study with WIFN.
Comment 30	WIFN requests the opportunity to assign field technicians to participate in environmental monitoring activities including tree/vegetation survival inspections and the one-year walking inspection to determine whether areas require further rehabilitation.	Enbridge Gas will work with WIFN to have field technicians participate in environmental monitoring activities including tree/vegetation survival inspections and the one-year walking inspection to determine whether areas require further rehabilitation.
9.0 Consultation	The consultation components of the ER were reviewed including Chapter 3 and Appendix B. This review is limited to consultation efforts made by Enbridge with First Nations, focusing on the specific comments raised by WIFN. The following comments are provided.	
Comment 31	Section 3.6 of the ER provides a summary of the feedback received from the public, agencies, Lower Thames Valley Conservation Authority, upper and lower tier municipalities, and interest groups. This section of the ER is missing information for the feedback received from the seven First Nations identified for consultation. A new section should be added to the ER to document the missing information.	A summary of feedback from the First Nations is provided with the Project application for OEB approval. These can be found in H1-1 Attachment 6 and 7 of the OEB filing.
Comment 32	Appendix B6 provides a log of engagement activities (emails, phone calls and meetings) with the seven First Nations identified for consultation. The ER does not include the records of correspondence (emails, minutes of meeting, etc.) that correspond to most of the log entries, except those relating to Notices.	The records of correspondence (emails, etc) are captured within the OEB filing due to their size. These can be found in H1-1 Attachment 7 of the OEB filing.
Comment 33	The Indigenous Engagement Log references comments raised by WIFN at a meeting with Enbridge on November 15, 2021. WIFN indicated the area between the Thames River and Jeanettes Creek is very significant to WIFN and the Three Fires Confederacy. The ER does not reference this discussion with WIFN. The cultural importance of this area to WIFN and the Three Fires Confederacy should be added to the ER including a	Enbridge Gas, through discussions with WIFN, are aware of this sensitive area and it will be communicated with construction staff through training and identification in the Environmental Protection Plan. Enbridge Gas would welcome an elder or a cultural representative from WIFN to share their knowledge specific to the region with the Project team.

	commitment to continue to consult with WIFN about this culturally important area moving forward. Enbridge should seek discussions with WIFN for accommodation to work through the culturally significant area identified by WIFN between Jeanettes Creek and the Thames River.	
Comment 34	The Project Update letter to WIFN dated April 8, 2022 notes that the Wheatley Lateral Reinforcement, Talbot Road Reinforcement and Oak Street and Essex Road 33 reinforcement will no longer be considered part of the Panhandle regional Expansion Project. It is unclear if Enbridge will pursue these distribution pipelines in the future and through what process these pipelines would be undertaken. Clarification should be provided in Section 1.2 or the ER relating to the timing and process that would be used for these distribution pipelines and an acknowledgement that affected First Nations, including WIFN would be consulted early in the planning process.	At this time, Enbridge Gas has not determined whether the Wheatley Lateral Reinforcement, Talbot Road Reinforcement and Oak Street and Essex Road 33 reinforcement will proceed and if they do proceed, the expected timing. Should these pipelines be required, affected First Nations, including WIFN will be consulted early in the planning process.

Line-item attachment 6.26

From: Lauren Whitwham
To: Janet Macbeth; Larissa Wrightman
Subject: Update: Enbridge Gas Panhandle Regional Expansion Project
Date: Monday, January 30, 2023 1:53:22 PM

Hi there,

I'm writing to provide you with an update on Enbridge Gas' Panhandle Regional Expansion Project.

In December, Enbridge Gas sent a request to the Ontario Energy Board (OEB) for a temporary pause in the regulatory review of our proposed Panhandle Regional Expansion Project. The OEB granted that pause in December. Since that time, Enbridge Gas has continued to review potential material increases to components of the estimated project cost, through a competitive procurement process.

In addition, we now have the benefit of better understanding of actual attachments to the Panhandle system in 2022. As a result, we are re-assessing the staging of the project and can confirm that the start of construction will be delayed from 2023 to 2024. We expect that all incremental demand on the Panhandle system for winter 2023/2024 will be accommodated. We are also continuing to advance the project and anticipate resuming the regulatory process in 2023.

We wanted to make you aware of this. I will keep you updated as we move forward.

Thanks and let me know if you have any questions,

Lauren

Line-item attachment 6.27

From: Lauren Whitwham
To: Janet Macbeth
Cc: Larissa Wrightman
Subject: Enbridge Gas: Panhandle scope change
Date: Monday, May 8, 2023 2:09:01 PM
Attachments: PREP Map May 2023.pdf
WIFN PREP change May 23.pdf

Greetings,

In the Fall of 2022, Enbridge Gas Inc. requested that the Ontario Energy Board (OEB) put the Leave-to-Construct application for the Panhandle Regional Pipeline Project on abeyance (pause).

Since then, the projects scope has changed, and it has been determined that the Leamington Interconnect will no longer be apart of the project and would be reviewed at a later timeframe.

The Panhandle Regional Pipeline Project will now consist of the following:

> 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.

In addition, the OEB released the 8th edition of its Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Projects and Facilities in Ontario (2023). As the Environmental Report (2022; ER) for the project was prepared in accordance with the OEB's 7th edition of its Environmental Guidelines (2016), the ER was reviewed to assess that the report adequately addressed any significant changes in the new guidelines and that the potential environmental and socio-economic effects that may results from the project were still effectively identified and addressed. Through this review, it has been determined that the Environmental Report (2022), as written, adheres to the changes found in the 8th edition of the OEB's Environmental Guidelines (2023) and is appropriate for the new scope of the Panhandle Regional Expansion Project (i.e., construction of the Panhandle Loop only – see attached map).

Enbridge Gas intends to re-file the application for the project in Q3 of 2023. If approved by the OEB, construction would begin in Spring 2024 with an in-service date of November 1, 2024.

Please let me know if you have any questions or concerns.

Enbridge Gas Inc.
109 Commissioners Road W.
London, ON N6A4P1

May 4, 2023

Janet Macbeth

Bkejwanong (Walpole Island First Nation)

Regarding: Project Update for Panhandle Regional Expansion Project

Dear Janet Macbeth:

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 previously included 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 purpose of this letter is to provide an update on the latest developments regarding this project.

In December 2022, Enbridge Gas asked for and was approved by the Ontario Energy Board (OEB) for a temporary pause in the regulatory review process. Since then, the project's scope has changed. It has been determined that the Leamington Interconnect will no longer be a part of the project and would be reviewed at a later time. We are continuing to advance the project and anticipate resuming the regulatory process for the Panhandle Loop in June 2023 and are currently working towards filing an amended LTC application with the OEB at that time.

As part of the planning process, Enbridge Gas retained AECOM Canada Ltd. (AECOM) to undertake an Environmental Report for the project. The Environmental Report fulfilled the

requirements of the OEB's "*Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)*"[3]. AECOM has reviewed the updated project scope, as outlined above, in comparison to the information presented in the 2022 Environment Report and have determined that the updated project scope is sufficiently covered in the Environmental Report, and that no adjustments or revisions to the Environmental Report are necessary.

If approved by the OEB, construction on the Panhandle Loop would begin in Spring 2024 with an in-service date of November 1, 2024.

If you have any questions, please do not hesitate to contact me using the information provided below.

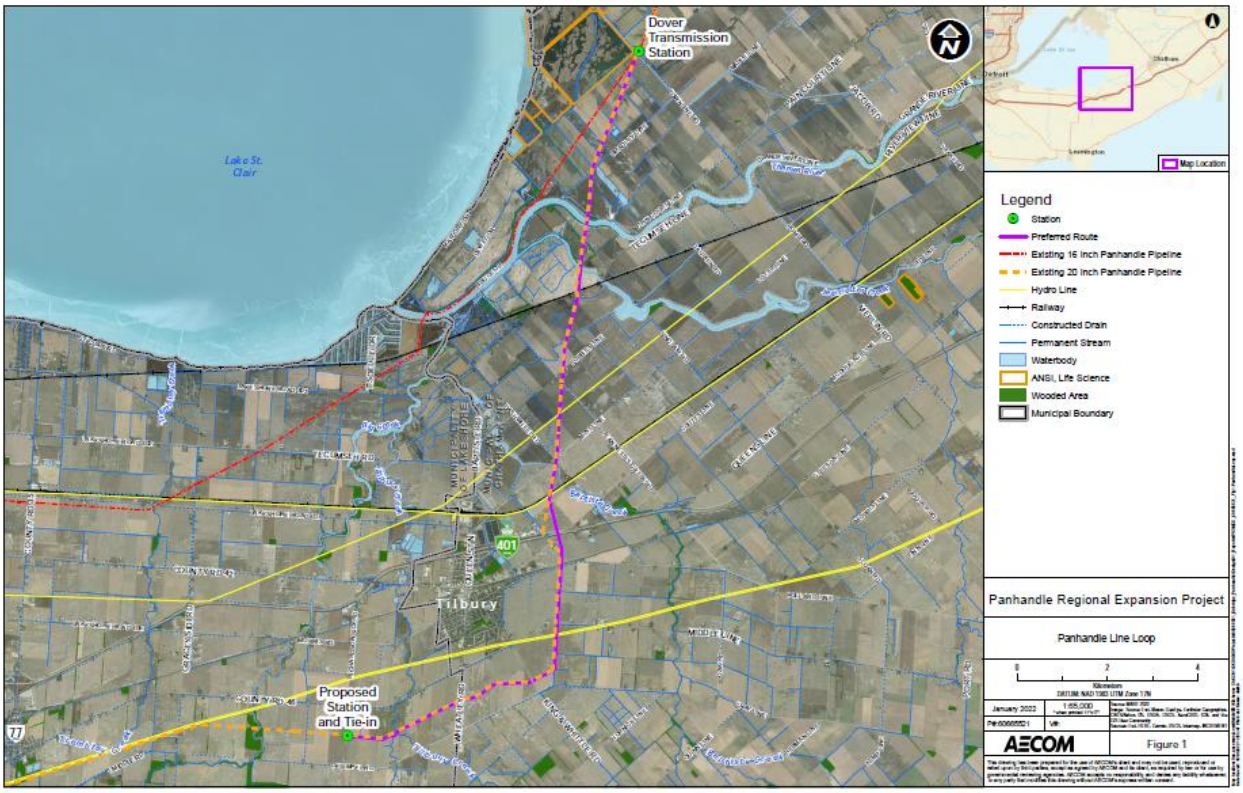
Sincerely,



Lauren Whitwham
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Lauren.Whitwham@enbridge.com
Phone: 519-852-3474

CC: Dana Cofell – Enbridge Gas Inc.
Kristan Washburn – AECOM
Jordan Witt – AECOM

[3] The OEB released the 8th edition of the *Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Projects and Facilities in Ontario* in March 2023, after the initiation, consultation and finalization of the Panhandle Regional Expansion Project and associated Environmental Report.


Dover
Transmission
Station
Lake St.
Clair
Tilbury
401
Proposed
Station
and Tie-in
Map Location
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
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2023
1:65,000
AECOM
Figure 1

Line-item attachment 7.1

From: Lauren Whitwham
To: denise.stonefish@delawarenation.on.ca
Cc: 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)

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 Lahkèewiit (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 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,



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	
Date:	Materials will be available at 5 p.m. on November 17, and available until December 3.
Website:	www.virtualengagement.ca/panhandle

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.

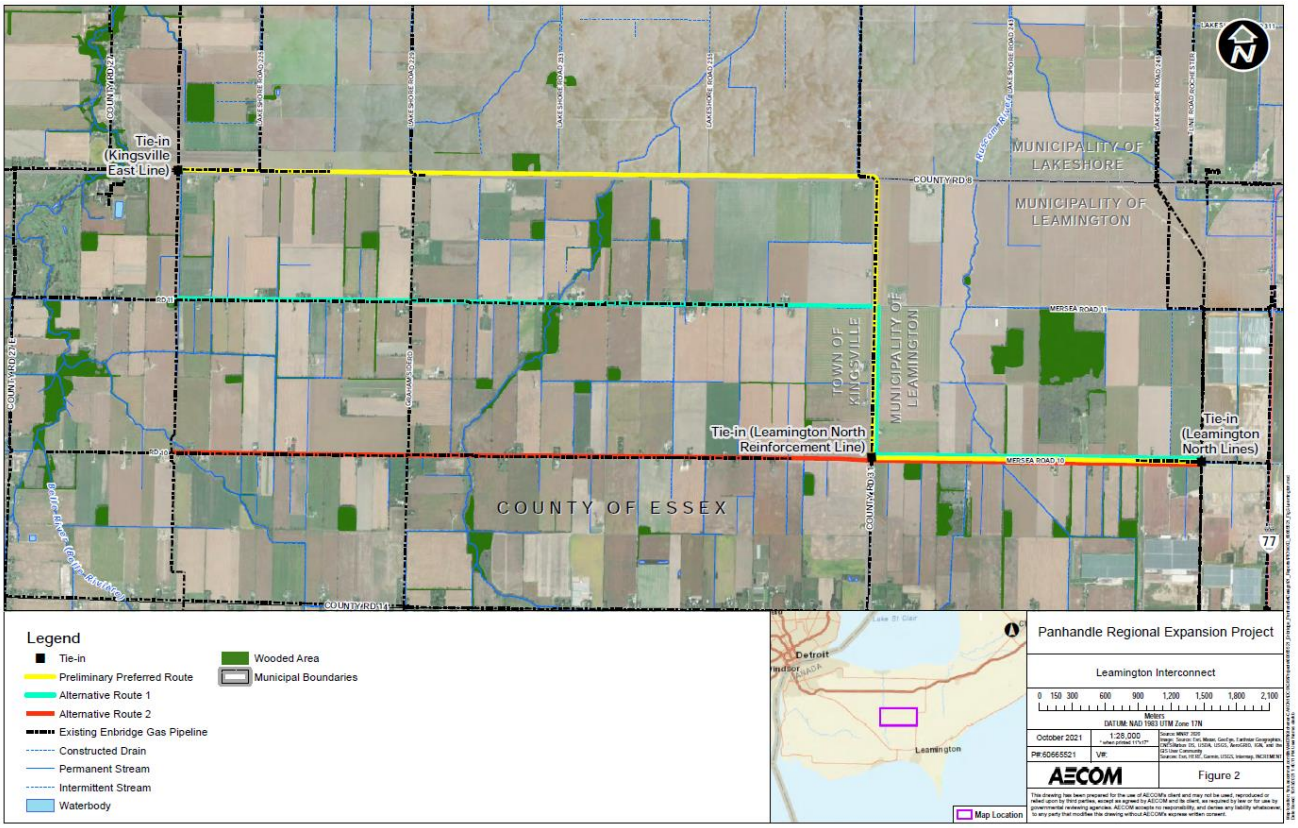
Sincerely,

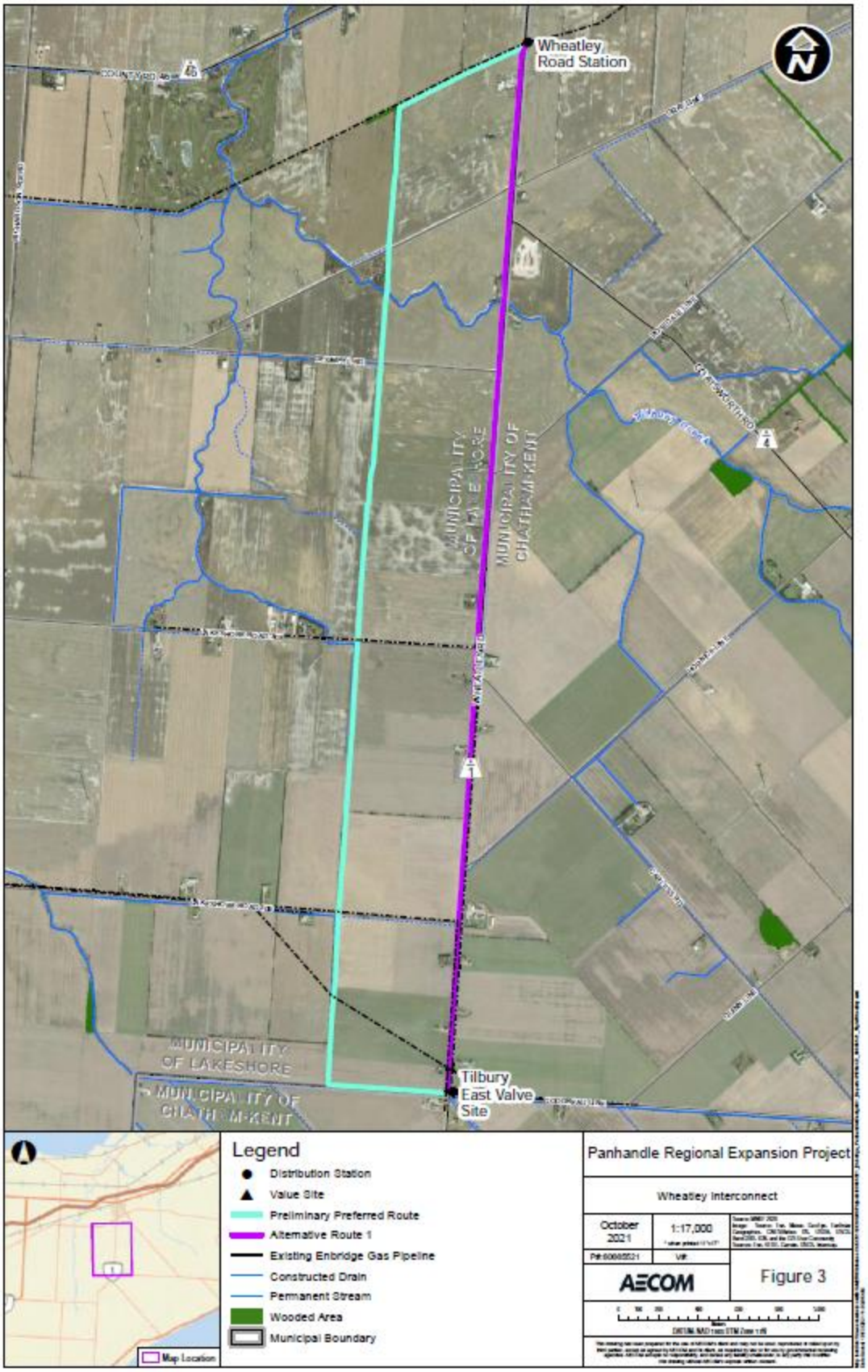


Lauren Whitwham
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Lauren.Whitwham@enbridge.com
Phone: (519(852-3474

CC: Evan Tomek - Enbridge Inc.
Mark Van der Woerd – AECOM
Kristan Washburn – AECOM


Dover Transmission Station
Lake St. Clair
Stoney Point/Pointe-aux-Roches
Tilbury
Comber
Comber Transmission Station
TECUMSEH RD
MIDDLE LINE
COUNTY RD 42
COUNTY RD 43
COUNTY RD 2
COUNTY RD 31
COUNTY RD 35
401
77
Legend
Transmission Station
Preliminary Preferred Route
Existing Enbridge Gas Pipeline
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
Map Location
Panhandle Regional Expansion Project
Panhandle Line Loop
October 2021
1:75,000
PR-60665521
AECOM
Figure 1


Tie-in (Kingsville East Line)
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
COUNTY OF ESSEX
COUNTY RD 8
MERSEA ROAD 11
MERSEA ROAD 10
77
Legend
Tie-in
Preliminary Preferred Route
Alternative Route 1
Alternative Route 2
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundaries
Detroit
Leamington
Map Location
Panhandle Regional Expansion Project
Leamington Interconnect
October 2021
1:28,000
PR-60665521
AECOM
Figure 2


Wheatley Road Station
Tilbury East Valve Site
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF CHATHAM-KENT
Legend
Distribution Station
Value Site
Preliminary Preferred Route
Alternative Route 1
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Wooded Area
Municipal Boundary
Map Location
Panhandle Regional Expansion Project
Wheatley Interconnect
October 2021
1:17,000
AECOM
Figure 3

Line-item attachment 7.2

From: Lauren Whitwham
To: denise.stonefish@delawarenation.on.ca
Bcc: Lauren Whitwham; 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

Line-item attachment 7.3

From: Lauren Whitwham
To: 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

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 .

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:	www.virtualengagement.ca/panhandle

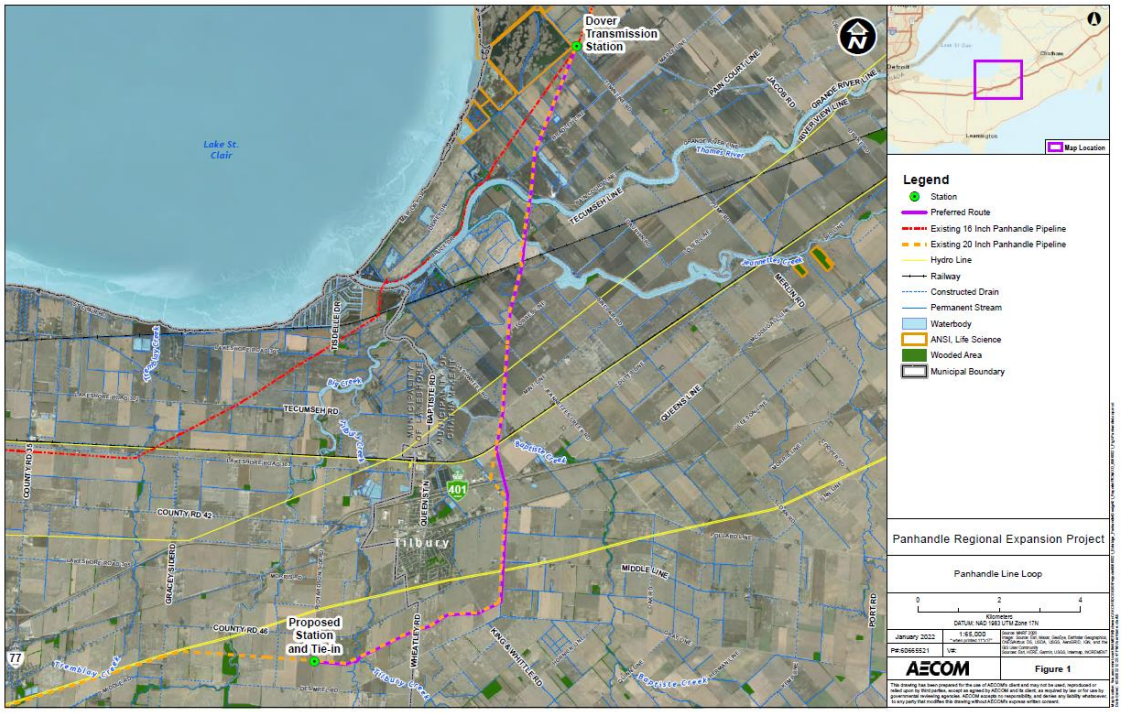
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

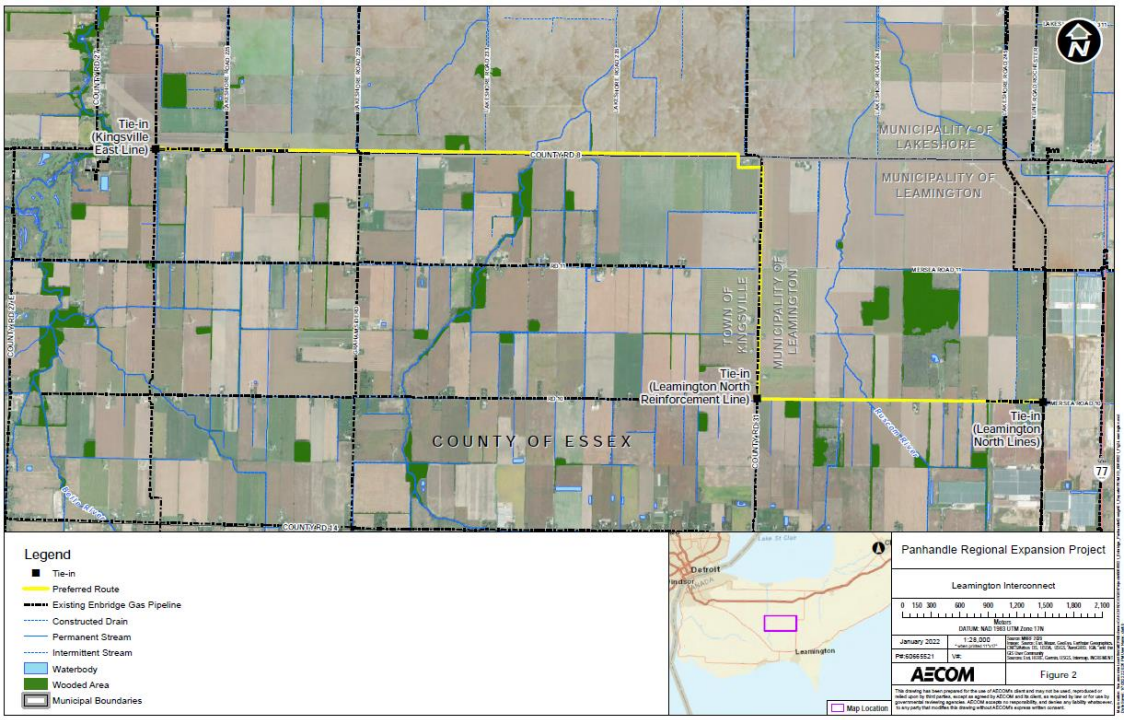
Sincerely,

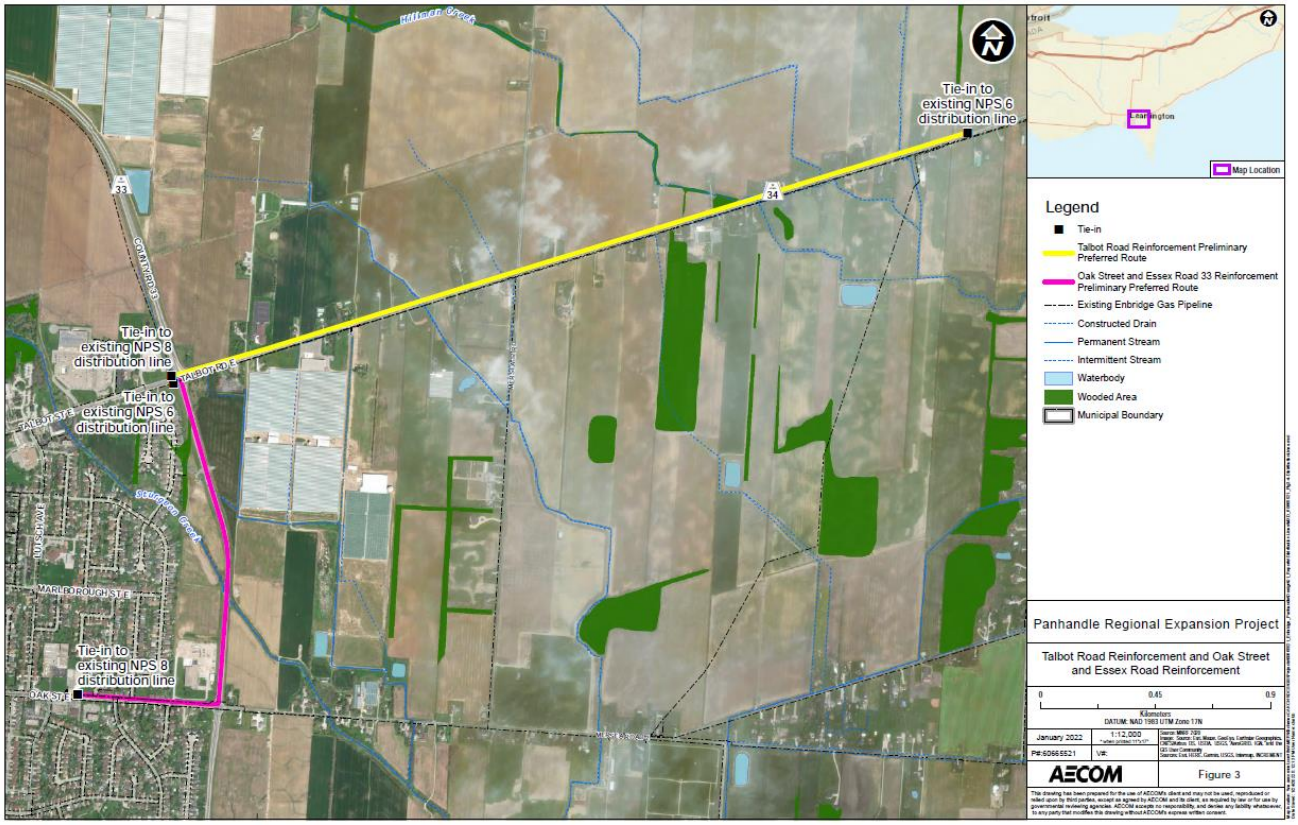


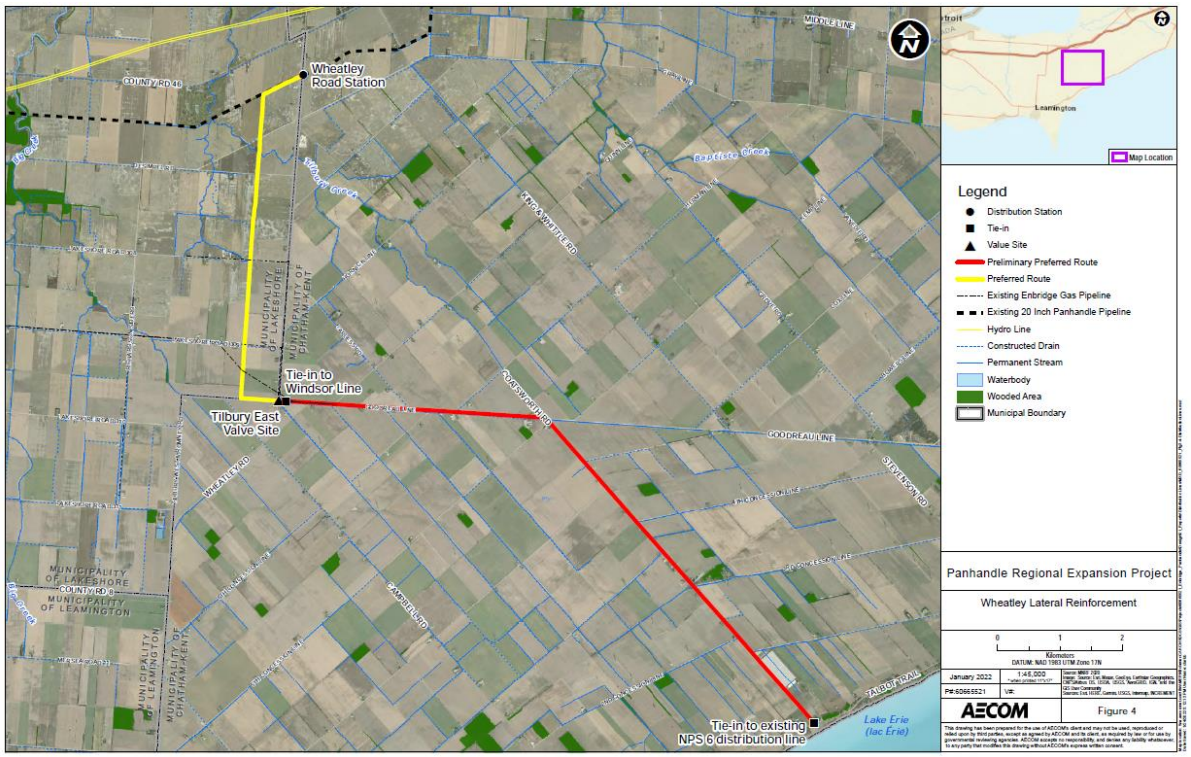
Lauren Whitwham
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
Lauren.Whitwham@enbridge.com
Phone: 519-852-3474

CC: Evan Tomek – Enbridge Gas Inc.
Mark Van der Woerd – AECOM
Kristan Washburn – AECOM


Dover Transmission Station
Lake St. Clair
Tilbury
Proposed Station and Tie-in
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
AECOM
Figure 1


Tie-in (Kingsville East Line)
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
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
AECOM
Figure 2


Tie-in to existing NPS 6 distribution line
Tie-in to existing NPS 8 distribution line
Tie-in to existing NPS 6 distribution line
Tie-in to existing NPS 8 distribution line
TALBOT RD E
TALBOT ST E
MARLBOROUGH ST E
OAK ST E
COUNTY RD 33
Scratching River
Map Location
Legend
Tie-in
Talbot Road Reinforcement Preliminary Preferred Route
Oak Street and Essex Road 33 Reinforcement Preliminary Preferred Route
Existing Enbridge Gas Pipeline
Constructed Drain
Permanent Stream
Intermittent Stream
Waterbody
Wooded Area
Municipal Boundary
Panhandle Regional Expansion Project
Talbot Road Reinforcement and Oak Street and Essex Road Reinforcement
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:12,000
P#:60665521
AECOM
Figure 3


Wheatley Road Station
Tie-in to Windsor Line
Tilbury East Valve Site
Tie-in to existing NPS 6 distribution line
COUNTY RD 46
MIDDLE LINE
Baptiste Creek
Hydro Line
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF CHATHAM-KENT
MUNICIPALITY OF LEAMINGTON
COUNTY RD 31
GOODREAU LINE
WHEATLEY RD
TALBOT RD
Lake Erie (lac Erie)
Map Location
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
Kilometers
DATUM: NAD 1983 UTM Zone 17N
January 2022
1:45,000
P#:60665521
AECOM
Figure 4

Line-item attachment 7.4

From: Lauren Whitwham
To: 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 .

If you have comments on the slides, please feel free to send them my way.

Thanks so much,
Lauren

Line-item attachment 7.5

From: Lauren Whitwham
To: denise.stonefish@delawarenation.on.ca
Subject: Scope change: Panhandle Regional Expansion Project
Date: Monday, April 11, 2022 11:48:43 AM
Attachments: MAP 60665521 Fig2-Leamington.pdf
MAP 60665521 Fig1-PanhandleLoop.pdf
Delaware Nation Scope Change PREP.pdf

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.

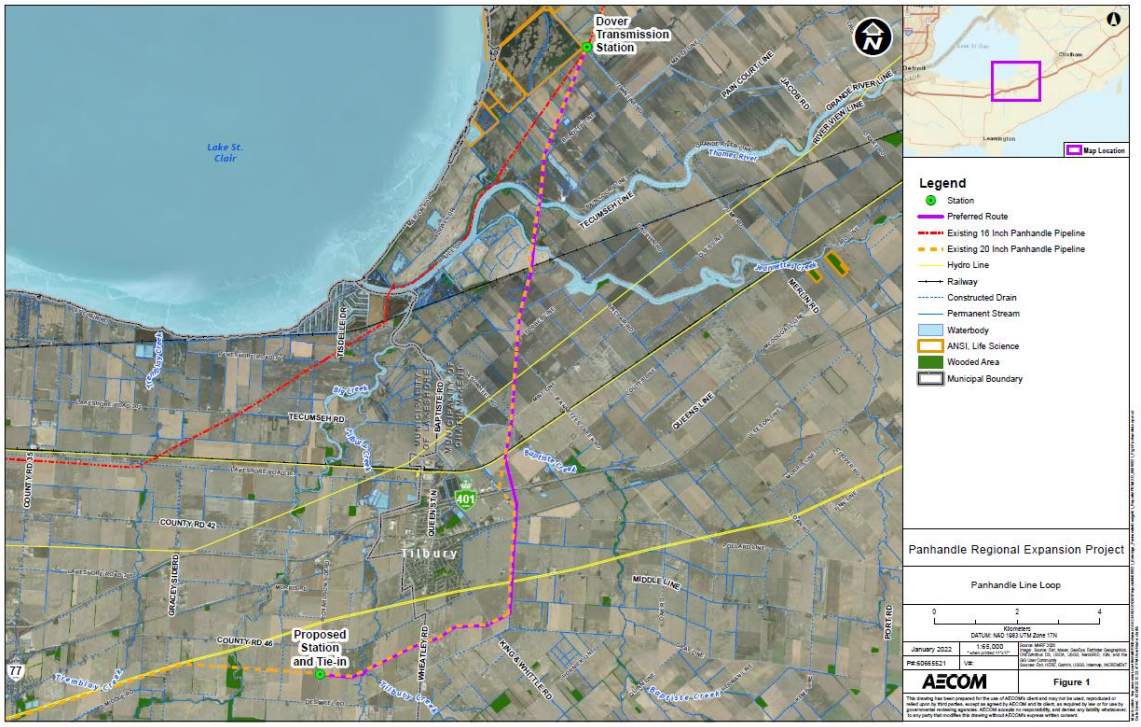
If you have any questions about the project or the environmental study process, please do not hesitate to contact me using the information provided below.

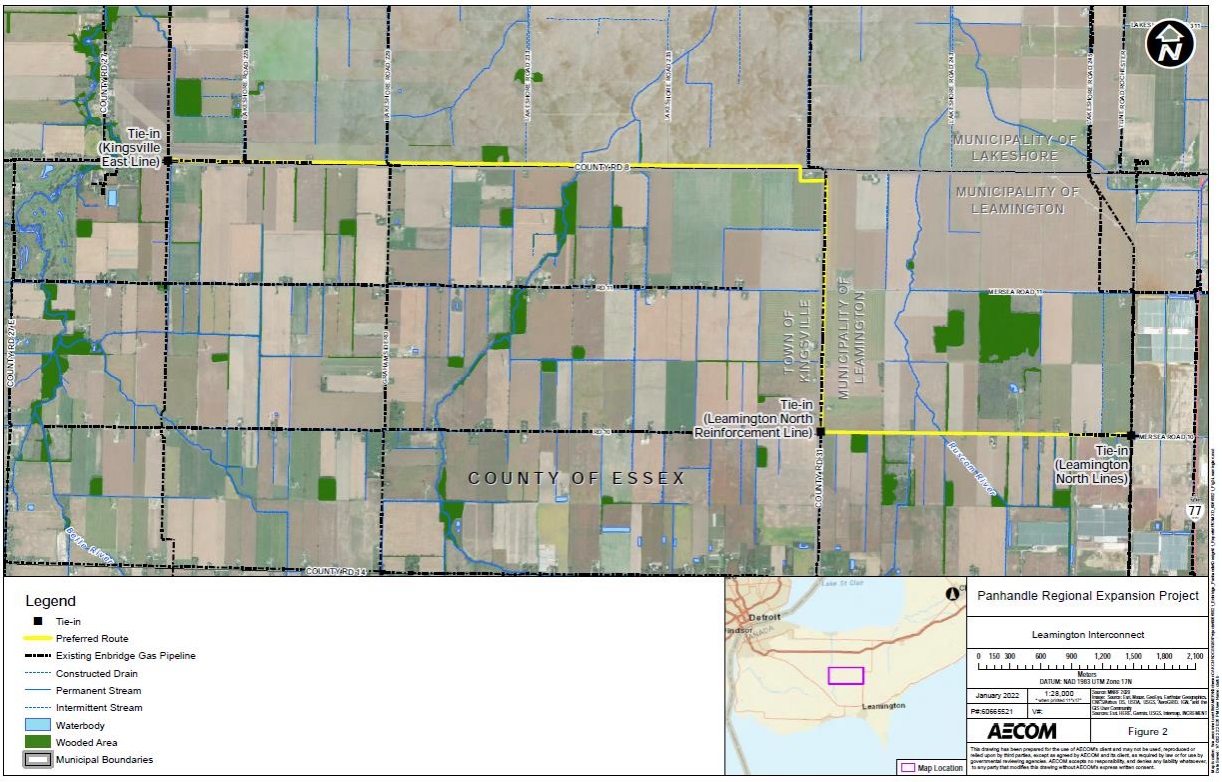
Sincerely,



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


Dover Transmission Station
Lake St. Clair
TECUMSEH RD
COUNTY RD 42
Tilbury
Proposed Station and Tie-in
401
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
AECOM
Figure 1


Tie-in (Kingsville East Line)
COUNTY RD 8
MUNICIPALITY OF LAKESHORE
MUNICIPALITY OF LEAMINGTON
TOWN OF KINGSVILLE
MUNICIPALITY OF LEAMINGTON
Tie-in (Leamington North Reinforcement Line)
Tie-in (Leamington North Lines)
COUNTY OF ESSEX
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
AECOM
Figure 2

Line-item attachment 7.6

From: Lauren Whitwham
To: denise.stonefish@delawarenation.on.ca
Subject: Enbridge Panhandle Project: Environmental Report ready
Date: Friday, April 29, 2022 10:16:28 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
109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect. Inclusion.

Line-item attachment 7.7

From: Lauren Whitwham
To: denise.stonefish@delawarenation.on.ca
Subject: RE: Enbridge Panhandle Project: Environmental Report ready
Date: Friday, May 27, 2022 12:17:30 PM

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

Line-item attachment 7.8

From: Lauren Whitwham
To: 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

Line-item attachment 7.9

From: Director of Operations
To: Lauren Whitwham
Cc: Denise Stonefish
Subject: [External] RE: Notice of the Enbridge Proposed Panhandle Regional Expansion Project
Date: Wednesday, June 8, 2022 10:40:01 AM

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 Morning

Thank you for your email and thank you for speaking with me this morning.

I appreciate Enbridge reaching out to the Nation on this matter. As per our discussion, I will be letting Council know of Enbridge's update and information on this project.

Please feel free to send me updates on this project.

Thank you.

Kimberly Snake
Director of Operations

Line-item attachment 7.10

From: Lauren Whitwham
To: director.operations@delawarenation.on.ca
Subject: Enbridge Gas: Panhandle scope change
Date: Monday, May 8, 2023 2:17:49 PM
Attachments: PREP Map May 2023.pdf
PREP Update Moraviantown May 23.pdf

Greetings,

In the Fall of 2022, Enbridge Gas Inc. requested that the Ontario Energy Board (OEB) put the Leave-to-Construct application for the Panhandle Regional Pipeline Project on abeyance (pause).

Since then, the projects scope has changed, and it has been determined that the Leamington Interconnect will no longer be apart of the project and would be reviewed at a later timeframe.

The Panhandle Regional Pipeline Project will now consist of the following:

> 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.

In addition, the OEB released the 8th edition of its Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Projects and Facilities in Ontario (2023). As the Environmental Report (2022; ER) for the project was prepared in accordance with the OEB's 7th edition of its Environmental Guidelines (2016), the ER was reviewed to assess that the report adequately addressed any significant changes in the new guidelines and that the potential environmental and socio-economic effects that may results from the project were still effectively identified and addressed. Through this review, it has been determined that the Environmental Report (2022), as written, adheres to the changes found in the 8th edition of the OEB's Environmental Guidelines (2023) and is appropriate for the new scope of the Panhandle Regional Expansion Project (i.e., construction of the Panhandle Loop only – see attached map).

Enbridge Gas intends to re-file the application for the project in Q3 of 2023. If approved by the OEB, construction would begin in Spring 2024 with an in-service date of November 1, 2024.

Please let me know if you have any questions or concerns.

Thanks,

Enbridge Gas Inc.
109 Commissioners Road W.
London, ON N6A4P1

May 4, 2023

Chief Denise Stonefish

Eelūnaapèewii Lahkèewiit (Delaware Nation or Moravian of the Thames)

Regarding: Project Update for Panhandle Regional Expansion Project

Dear Chief Denise Stonefish:

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 previously included 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 purpose of this letter is to provide an update on the latest developments regarding this project.

In December 2022, Enbridge Gas asked for and was approved by the Ontario Energy Board (OEB) for a temporary pause in the regulatory review process. Since then, the project's scope has changed. It has been determined that the Leamington Interconnect will no longer be a part of the project and would be reviewed at a later time. We are continuing to advance the project and anticipate resuming the regulatory process for the Panhandle Loop in June 2023 and are currently working towards filing an amended LTC application with the OEB at that time.

As part of the planning process, Enbridge Gas retained AECOM Canada Ltd. (AECOM) to undertake an Environmental Report for the project. The Environmental Report fulfilled the

requirements of the OEB's "*Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)*"[10]. AECOM has reviewed the updated project scope, as outlined above, in comparison to the information presented in the 2022 Environment Report and have determined that the updated project scope is sufficiently covered in the Environmental Report, and that no adjustments or revisions to the Environmental Report are necessary.

If approved by the OEB, construction on the Panhandle Loop would begin in Spring 2024 with an in-service date of November 1, 2024.

If you have any questions, please do not hesitate to contact me using the information provided below.

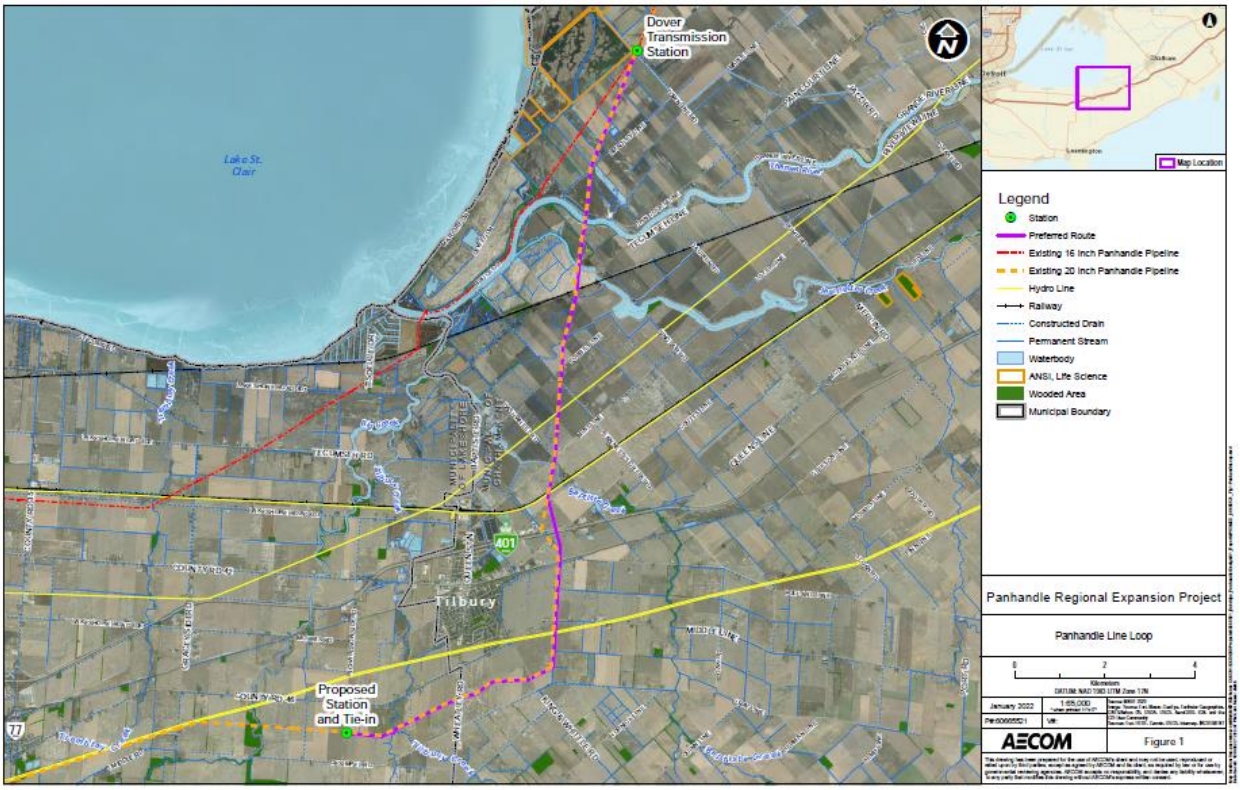
Sincerely,



Lauren Whitwham
Sr. Advisor, Community & Indigenous Engagement
Enbridge Gas Inc.
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Phone: 519-852-3474

CC: Dana Cofell – Enbridge Gas Inc.
Kristan Washburn – AECOM
Jordan Witt – AECOM

[10] The OEB released the 8th edition of the *Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Projects and Facilities in Ontario* in March 2023, after the initiation, consultation and finalization of the Panhandle Regional Expansion Project and associated Environmental Report.


Dover
Transmission
Station
Lake St.
Clair
Tilbury
401
Proposed
Station
and Tie-in
77
Map Location
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
AECOM
Figure 1

ENBRIDGE

Evan Tomek
Advisor
Regulatory Applications – Leave to Construct
Regulatory Affairs

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June 6, 2023

VIA EMAIL – amy.gibson@ontario.ca

Ministry of Energy
Amy Gibson
Manager, Indigenous Energy Policy

Re: Panhandle Regional Expansion Project Update

Dear Ms. Gibson,

On June 29, 2021, Enbridge Gas Inc. ("Enbridge Gas" or the "Company") notified the Ministry of Energy ("ENERGY")[1] via letter of its expected need to apply to the Ontario Energy Board for an Order of the Board granting leave to construct the proposed Panhandle Regional Expansion Project (the "Project"). Enbridge Gas also submitted a description of the Project ("Project Description") to assist ENERGY in making a determination as to whether or not the Project will trigger duty to consult, and if so, to acquire a list of potentially affected Indigenous communities.

In response, on August 6, 2021, ENERGY issued a letter to Enbridge Gas confirming that the Project triggers duty to consult, delegating the procedural aspects of consultation related to the Project to the Company, and providing a list of the Indigenous communities that should be consulted on the basis that they have or may have constitutionally protected Aboriginal or Treaty rights that could be adversely impacted by the proposed Project.

On January 21, 2022, Enbridge Gas provided ENERGY with an updated Project Description as a result of refinements made to the design of the proposed facilities and selected preferred routes based on feedback received during its virtual open house held November 17 – December 3, 2021. Preliminary preferred routes for proposed distribution pipelines required to connect customers to the Panhandle Transmission system were also determined and communicated to ENERGY at that time. In response on May 2, 2022, ENERGY confirmed that the Project refinements did not result in any changes to the consultation list.

On June 10, 2022 Enbridge Gas applied to the OEB pursuant to section 90(1) of the Ontario Energy Board Act, S.O. 1998, c. 15, Schedule B, for an order granting leave to construct the following:

- Panhandle Loop: 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

[1] The Ministry of Energy, Northern Development and Mines coordinated the Crown's Duty to Consult obligations for projects that required leave to construct in June 2021.

Chatham-Kent to a new valve site in the Municipality of Lakeshore; and

- Leamington Interconnect: 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 Municipality of Leamington.

In December 2022, Enbridge Gas asked and the OEB agreed to temporarily pause its review of the Project application. Since then, the Company determined that the Leamington Interconnect will no longer be included within the scope of the Project. The purpose of this letter is to inform you of the change in Project scope, and to advise that Enbridge Gas intends to file an amended leave to construct application with the OEB in June 2023 reflecting the same.

Enbridge Gas continues to engage with the communities identified by ENERGY in the August 6, 2021 Delegation Letter regarding the Project and will continue to do so throughout the life of the revised Project (despite the change in scope described above) to ensure any impacts on Aboriginal or treaty rights are addressed, as appropriate. Accordingly, on May 8, 2023 Enbridge Gas informed the communities identified in ENERGY's Delegation Letter of the changes to Project scope and its intent to file an amended application.

Please contact me if you have any questions.

Regards,

Evan Tomek
Advisor, Regulatory Applications – Leave to Construct

CONDITIONS OF APPROVAL

1. The OEB has developed standard conditions that are typically imposed in leave to construct approvals.[1] 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.

[1] 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