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VIA Email, RESS and Courier

January 24, 2020

Ms. Christine Long
Board Secretary
Ontario Energy Board
2300 Yonge Street, Suite 2700
Toronto, Ontario, M4P 1E4

Dear Ms. Long:

**Re: Enbridge Gas Inc. ("Enbridge Gas")
Ontario Energy Board ("Board") File No.: EB-2018-0013
Kingsville Transmission Reinforcement Project ("Project")**

On September 20, 2018 the Board issued its Decision and Order for the above noted proceeding which included, as Schedule B, several Conditions of Approval.

Per section 6. (a) in the aforementioned Decision and Order, Enbridge Gas is to provide the Board with a post construction report no later than three months after the in-service date. Please find enclosed a copy of the Post Construction Report for the Kingsville Transmission Reinforcement project.

Please contact me if you have any questions.

Yours truly,

(Original Signed)

Alison Evans
Advisor Rates
Regulatory Application

**EB-2018-0013: 2019 KINGSVILLE
TRANSMISSION REINFORCEMENT
PROJECT**

POST CONSTRUCTION REPORT

**Prepared By: Enbridge Gas Inc.
Environment
January 2020**

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1.0 INTRODUCTION

This Post Construction Report is provided pursuant to the Ontario Energy Board (OEB or the Board) Decision and Order for the EB-2018-0013 proceeding. In that Decision and Order (dated September 20, 2018), the Board granted Union Gas Limited (Union) (now Enbridge Gas Inc., “Enbridge”) leave, pursuant to subsection 90(1) of the OEB Act, to construct approximately 19 kilometres of 20 inch diameter (NPS 20) pipeline in the Town of Lakeshore and the Town of Kingsville in the County of Essex (the Project).

The pipeline commenced at an interconnect with the existing Enbridge NPS 20 Panhandle Pipeline in the Town of Lakeshore and travelled beside a hydro corridor and Highway 3 between Belle River Road/ County Road 27 and Graham Side Road. The pipeline ended at a new valve site located near the intersection of Concession Road 3 East and Graham Side Road in the Town of Kingsville. The majority of the Project was constructed in agricultural land within new easement. Enbridge acquired both the new permanent and temporary land rights necessary for the construction of the Project from individual landowners. Please see Appendix A of this report for a map of the entire pipeline route.

The requirements for and details of this Post Construction Report are outlined in the specific conditions issued by the OEB in its EB-2018-0013 Decision and Order as listed below. The complete Conditions of Approval (COA) can be found in Appendix B of this report. The COAs addressed in this report are as follows:

Condition 1

Union Limited (Union) shall construct the facilities and restore the land in accordance with the Board’s Decision and Order in EB-2018-0013 and these Conditions of Approval.

Condition 3

Union shall implement all the recommendations of the Environmental Protection Plan filed in the proceeding, and all the recommendations and directives identified by the Ontario Pipeline Coordinating Committee review.

Condition 4

Union shall advise the OEB of any proposed change to OEB-approved construction or restoration procedures. Except in an emergency, Union shall not make any such change without prior notice to and written approval of the OEB. In the event of an emergency, the OEB shall be informed immediately after the fact.

Condition 6

Both during and after construction, Union shall monitor the impacts of construction, and shall file with the OEB one paper copy and one electronic (searchable PDF) version of each of the following reports:

- a) a post construction report, within three months of the in-service date, which shall:
 - i. provide a certification, by a senior executive of the company, of Union's adherence to Condition 1;
 - ii. describe any impacts and outstanding concerns identified during construction;
 - iii. describe the actions taken or planned to be taken to prevent or mitigate any identified impacts of construction;
 - iv. include a log of all complaints received by Union, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, the rationale for taking such actions; and
 - v. provide a certification, by a senior executive of the company, that the company has obtained all other approvals, permits, licenses, and certificates required to construct, operate and maintain the proposed project.
- b) a final monitoring report, no later than fifteen months after the in-service date, or, where the deadline falls between December 1 and May 31, the following June 1, which shall:
 - i. provide a certification, by a senior executive of the company, of Union's adherence to Condition 3;
 - ii. describe the condition of any rehabilitated land;
 - iii. describe the effectiveness of any actions taken to prevent or mitigate any identified impacts of construction;

- iv. include the results of analyses and monitoring programs and any recommendations arising therefrom; and
- v. include a log of all complaints received by Union, including the date/time the complaint was received; a description of the complaint; any actions taken to address the complaint; and the rationale for taking such actions.

2.0 BACKGROUND

Union determined that the Project was needed to respond to increasing natural gas demand in the Kingsville-Leamington market as well as increasing demand on the overall Panhandle Transmission System (Panhandle System). The Panhandle System is the primary pipeline to transport gas from Union's Dawn to the Ojibway Valve Site in Windsor. It feeds high pressure distribution pipelines servicing residential, commercial and industrial customers. The purpose of the Project was to reinforce the high-pressure Panhandle System to serve customers in the Kingsville-Leamington market area and serve future development in the market served by the Panhandle.

Union applied to the OEB under section 90(1) of the *Ontario Energy Board Act, 1998* for an order granting leave to construct the Project on January 26, 2018. In the application and pre-filed evidence, Union included a request for recovery of project costs through the application of an Incremental Capital Module (ICM) mechanism. On February 27, 2018, the OEB decided not to hear issues related to an ICM mechanism in the proceeding and asked Union if it still wished to proceed with the remainder of the application. Union confirmed its intention to proceed with its application and seek leave to construct the Project. The OEB commenced its review of Union's leave to construct application on March 5, 2018, and ultimately granted the leave to construct on September 20, 2018.

Construction was initiated on May 21, 2019 and was placed into service on October 24, 2019. Construction generally progressed with the following order of operations: flagging/staking, right-of-way preparation/clearing (including installations of temporary accesses across watercourses for travel along the right-of-way), grading/topsoil stripping, trenching, stringing of new pipeline,

welding, joint coating, lowering-in, tie-ins, backfilling, and clean-up and restoration. Clean-up and land restoration is ongoing and was completed for the year on November 1, 2019.

Enbridge will return to the right-of-way in spring 2020 to complete the remaining cleanup and will also perform a general overview to ensure the 2019 clean-up and restoration measures were successful and all watercourse crossings are stable and re-vegetated. Any areas that require additional restoration measures will be addressed as required.

3.0 POTENTIAL IMPACTS AND MITIGATION

3.1 Condition 1

Union Limited (Union) shall construct the facilities and restore the land in accordance with the Board's Decision and Order in EB-2018-0013 and these Conditions of Approval.

Enbridge constructed the facilities and restored the land in accordance with the OEB's Decision and Order in the EB-2018-0013 proceeding and the Conditions of Approval.

3.2 Condition 3

Union shall implement all the recommendations of the Environmental Protection Plan filed in the proceeding, and all the recommendations and directives identified by the Ontario Pipeline Coordinating Committee review.

Enbridge implemented all the recommendations of the Environmental Report filed in the proceeding and all the recommendations and directives identified by the Ontario Pipeline Coordinating Committee review. Please refer to Table 1 to confirm Union's adherence to the recommendations and mitigation measures identified in the Environmental Report.

3.3 Condition 4

Union shall advise the OEB of any proposed change to OEB-approved construction or restoration procedures. Except in an emergency, Union shall not make any such change without prior notice to and written approval of the OEB. In the event of an emergency, the OEB shall be informed immediately after the fact.

Enbridge advised the Board of two (2) changes to OEB-approved construction or restoration procedures on December 19, 2018 and August 22, 2019. Enbridge received Board approval for the change requests on December 24, 2018 and August 27, 2019, respectively. Enbridge's change requests and Board approvals are provided in Appendix C of this report.

3.4 **Condition 6**

Both during and after construction, Union shall monitor the impacts of construction, and shall file with the OEB one paper copy and one electronic (searchable PDF) version of each of the following reports:

- a) a post construction report, within three months of the in-service date, which shall:*
 - i. provide a certification, by a senior executive of the company, of Union's adherence to Condition 1;*

One paper copy and one electronic (searchable PDF) version of this Post Construction Report are being filed with the Board. This report is certified by Michelle George, Vice President of Engineering, that Enbridge has constructed the facilities and restored the land in accordance with the OEB's Decision and Order in the EB-2018-0013 proceeding and the COAs. This is confirmed by the executive certification which can be found in Appendix D of this report.

- ii. describe any impacts and outstanding concerns identified during construction;*

Table 1 of this report summarizes the general impacts and outstanding concerns identified during construction.

- iii. describe the actions taken or planned to be taken to prevent or mitigate any identified impacts of construction;*

Table 1 of this report summarizes the actions taken or planned to be taken to prevent or mitigate any identified impacts of construction.

- iv. *Include a log of all complaints received by Union, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, the rationale for taking such actions; and*

Enbridge's Complaint Tracking System (Table 2), which identifies the current status of complaints received as a result of pipeline construction, was in effect. A complaint is identified as a concern by a landowner that has not been resolved to their satisfaction within three (3) working days. Complaints that remain open will continue to be addressed by Enbridge and a status update will be provided in the Final Monitoring Report.

During construction, various concerns other than those listed in Table 2 were raised to Enbridge and their Contractor. These issues were minor in nature and were dealt with by Enbridge and the Contractor in an expeditious manner.

Enbridge will continue to monitor the state of the land and will address any landowner or public concerns should they arise.

- v. *provide a certification, by a senior executive of the company, that the company has obtained all other approvals, permits, licenses, and certificates required to construct, operate and maintain the proposed project.*

Michelle George, Vice President of Engineering, has certified that the company has obtained all other approvals, permits, licences, and certificates required to construct, operate and maintain the project and is confirmed by the executive certification which can be found in Appendix D of this report.

Enbridge obtained the following environmental permits for construction:

Essex Region Conservation Authority

- Watercourse Crossings – Development, Interference with Wetlands and Alterations to Shorelines and Watercourses – Permit # 1065-18

- Installation of temporary access culverts, installation of natural gas pipeline, and selective brushing within work corridor at SC 6, SC 9, SC 13, SC 25, SC 25b, SC 27, SC 33, SC 34
- Watercourse Crossings – Development, Interference with Wetlands and Alterations to Shorelines and Watercourses – Permit # 1066-18
 - Installation of gas pipeline by open cut, installation of temporary bridges for roadway access, and place and grade fill
 - SC 11 and SC 14
- Watercourse Crossings – Development, Interference with Wetlands and Alterations to Shorelines and Watercourses – Permit # 30-19
 - Construct a detached structure, place and grade fill, and install side yard swales
 - Kingsville East Take-Off Station
- Watercourse Crossings – Development, Interference with Wetlands and Alterations to Shorelines and Watercourses – Permit # 190-19
 - Installation of gas pipeline by open cut, installation of temporary culverts for roadway access, and place and grade fill
 - SC 1 and SC 5
- Watercourse Crossings – Development, Interference with Wetlands and Alterations to Shorelines and Watercourses – Permit # 191-19
 - Installation of gas pipeline by open cut, installation of temporary culverts for roadway access, and place and grade fill
 - SC 9, SC 10, SC 18, SC 20, SC 23, SC 24, SC 28, SC 32
- Watercourse Crossings – Development, Interference with Wetlands and Alterations to Shorelines and Watercourses – Permit # 797-19
 - Construction of new outlet structure into the Lane Drain

Ministry of Tourism, Culture and Sport

- Archaeology clearances under the MTCS File Number 0005683
- Stage 1-2 Archaeological Assessment for entire pipeline route and temporary work areas

- Stage 3 Archaeological Assessment: Part of Lot 4, Concession 3 Eastern Division, Kingsville

Ministry of the Environment, Conservation and Parks

- Permit to Take Water, Ground Water, Number 6754-BAXGU6

Fisheries and Oceans Canada

- Confirmation that an authorization under the *Fisheries Act* or a permit under the *Species at Risk Act* is not required.

Ministry of Natural Resources and Forestry

- Letter to Proponent (AYL-L-050-19)

- b) *a final monitoring report, no later than 15 months after the in-service date, or, where the deadline falls between December 1 and May 31, the following June 1, which shall:*
- provide a certification, by a senior executive of the company, of Union's adherence to Condition 3;*
 - describe the condition of any rehabilitated land;*
 - describe the effectiveness of any actions taken to prevent or mitigate any identified impacts of construction;*
 - include the results of analyses and monitoring programs and any recommendations arising therefrom; and*
 - include a log of all complaints received by Union, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, the rationale for taking such actions.*

One paper copy and one electronic (searchable PDF) version of the Final Monitoring Report will be filed with the Board no later than fifteen months after the in-service date.

4.0 SUMMARY

This Post Construction Report has been prepared pursuant to the Conditions of Approval contained in the OEB Decision and Order for the EB-2018-0013 proceeding. This report provides confirmation that Enbridge has constructed the facilities and restored the land in accordance with the Board's Decision and Order and the Conditions of Approval, and obtained all approvals, permits, licenses, and certificates required to construct, operate and maintain the Project. This report also provides a description of the identified impacts of construction and the actions taken to mitigate such impacts. Lastly, this report details all complaints received by Enbridge and the actions taken to address such complaints.

It is anticipated that the actions taken by Enbridge to mitigate identified impacts of construction will effectively eliminate long-term impacts to the environment.

Clean-up and land restoration of the pipeline route will continue in spring 2020 and a Final Monitoring Report will be prepared to evaluate the success of the restoration measures and identify any areas that require additional restoration, if necessary.

Table 1

Potential Impacts and Mitigation Measures

Activity/Component	Potential Impacts/Concerns	Mitigation Measures
a) Pre-pipeline Construction	<ul style="list-style-type: none"> Pipeline construction may be disruptive to landowners. 	<ul style="list-style-type: none"> Prior to pipeline construction, the Lands Relations Agent and Construction Superintendent met with all directly affected landowners to discuss construction and identify any concerns that may need to be addressed.
b) Surveying	<ul style="list-style-type: none"> Surveying may be disruptive to the landowners. Woodlot damage. 	<ul style="list-style-type: none"> Landowners and tenants were notified of intent to enter their property. All woodlot damages were settled with landowners or tenants as required.
c) Accesses	<ul style="list-style-type: none"> Crossing of watercourses. Vehicular traffic may cause soil rutting, compaction or mixing. 	<ul style="list-style-type: none"> Permits from the Essex Region Conservation Authority were obtained and the conditions were followed prior to construction of accesses across watercourses. Culverts and clear span bridges were utilized in the construction of accesses to ensure existing drainage patterns were maintained. Sediment fencing, erosion control matting, and vegetative covers (i.e. grasses) were used alongside watercourses to minimize run-off and erosion. Geotextile fabric was used where required for new temporary access roads to provide additional stability, minimize compaction, and minimize topsoil mixing with granular material.
d) Clearing	<ul style="list-style-type: none"> The removal of trees and vegetation. 	<ul style="list-style-type: none"> Landowners were eligible for the Enbridge Tree Replacement Program. Tree cut from woodlots will be

Activity/Component	Potential Impacts/Concerns	Mitigation Measures
		<p>replaced at a 2:1 per area basis.</p> <ul style="list-style-type: none"> • The harvesting of trees was minimized as much as practical. • All tree clearing was done outside the migratory bird nesting season (April 1 – August 31). • Specification CSPL-03 was followed.
e) Grading	<ul style="list-style-type: none"> • Grading may be necessary for the construction of access roads or work areas. On agricultural lands, grading has the potential to impact soil productivity by disrupting tile drains and causing soil mixing, rutting and compaction, particularly during wet soil conditions. 	<ul style="list-style-type: none"> • Grading was not conducted on wet soils. • Topsoil was stripped and stockpiled on the edge of the easement. • Topsoil stripping was monitored to ensure there was adequate separation of topsoil and subsoil. • Specification CSPL-05 was followed.
f) Stringing	<ul style="list-style-type: none"> • Stringing trucks may impact soil productivity due to soil compaction, rutting, and mixing. 	<ul style="list-style-type: none"> • Specification CSPL-11 was followed.
g) Trenching	<ul style="list-style-type: none"> • Trenching may cause soil mixing (topsoil and subsoil mixing), which may impact soil productivity. 	<ul style="list-style-type: none"> • Trenching followed Specification CSPL-06. • Prior to trenching, topsoil was separated from subsoil as per Specifications CSPL-04 and CSPL-05.
h) Backfilling	<ul style="list-style-type: none"> • Improper backfilling may cause topsoil/subsoil mixing. 	<ul style="list-style-type: none"> • Specification CSPL-17 was followed.
i) Hydrostatic Testing	<ul style="list-style-type: none"> • Discharge of hydrostatic test water may cause erosion at the point of discharge and may impact the receiving environment. 	<ul style="list-style-type: none"> • Measures were used to prevent erosion at the point of discharge. • Water sampling and analysis was completed to ensure that all hydrostatic test water met the applicable water quality standards


Activity/Component	Potential Impacts/Concerns	Mitigation Measures
		prior to being released into the environment.
j) Site Restoration	<ul style="list-style-type: none"> Improper site restoration may affect soil productivity. 	<ul style="list-style-type: none"> Restoration followed Specification CSPL-19. Disturbed areas were restored back to pre-construction conditions or better through topsoil replacement, re-grading, soil decompaction, seeding, and erosion control where required. The Lands Relations Agent has ensured and will continue to ensure that the landowners are satisfied with the restoration measures completed on their property.
k) Fuel Storage and Handling	<ul style="list-style-type: none"> Improper fuel storage and handling may cause spillage and possible contamination of soil. 	<ul style="list-style-type: none"> Fuel was not stored near watercourses or wetlands (i.e. within 50 m). Fuel was stored within impervious containment. Spill clean-up material (i.e. absorbent pads) was stored on-site and available at all times.
l) Liquid and Solid Waste Handling	<ul style="list-style-type: none"> Liquid waste, solid waste, and lubricants must be properly handled, stored and disposed of to avoid potential contamination of the surrounding area. 	<ul style="list-style-type: none"> Liquid and solid wastes were properly stored, handled, and disposed of at an approved location. The area was cleared of all debris and litter during and after construction.
m) Fence Removal	<ul style="list-style-type: none"> Fences were removed during construction. 	<ul style="list-style-type: none"> Temporary fences were erected per Specification CSPL-01 and fences were repaired to Specification CSPL-19.
n) Archaeology, Cultural Heritage Landscapes, and	<ul style="list-style-type: none"> Disturbance of heritage resources. 	<ul style="list-style-type: none"> Archaeological Assessments were completed prior to construction. Direction was given to stop

Activity/Component	Potential Impacts/Concerns	Mitigation Measures
Built Heritage Resources		<p>construction if an artifact was encountered and to notify the Ministry of Tourism, Culture and Sport.</p> <ul style="list-style-type: none"> • A Cultural Heritage consultant was retained to determine if impacts to cultural heritage landscapes and/or built heritage resources were anticipated. The consultant developed a mitigation plan for 913 Road 3 East, Kingsville, which included vibration monitoring and temporary fencing which successfully protected the house from negative impacts.
o) Species at Risk	<ul style="list-style-type: none"> • Impacts to species and their habitat. 	<ul style="list-style-type: none"> • Enbridge obtained a Letter to Proponent from the Ministry of Natural Resources and Forestry and adhered to its conditions to mitigate impacts to Gray Ratsnake, Eastern Foxsnake, and Butternut. • There were no impacts to species at risk during construction.
p) Watercourse Crossings	<ul style="list-style-type: none"> • Impacts to water quality, fish, and bank stabilization. 	<ul style="list-style-type: none"> • Enbridge obtained permits from the Essex Region Conservation Authority and a clearance from Fisheries and Oceans Canada for watercourse crossings. • Watercourses were crossed following Union's DFO-endorsed sediment control plans for Dam & Pump. • Watercourses were restored back to pre-construction conditions or better. The banks were seeded and covered with erosion control blankets immediately after backfill to ensure bank stabilization/re-vegetation.

Activity/Component	Potential Impacts/Concerns	Mitigation Measures
q) Water Wells	<ul style="list-style-type: none"> • Disruption to water supply. 	<ul style="list-style-type: none"> • If water quality/quantity concerns occurred as a result of construction activities, the Company would supply potable water until the situation was corrected. • Union implemented its standard well monitoring program.
r) General Construction Work	<ul style="list-style-type: none"> • Noise from the pipeline equipment and/or service vehicles may disrupt nearby residents. • Dust from pipeline equipment could be a disturbance to landowners and the public. • Pipeline equipment could damage underground utilities. 	<ul style="list-style-type: none"> • Noise was controlled to the greatest extent possible to minimize the disruption to nearby residents. • All equipment was properly muffled. • Municipal noise by-laws were adhered to. • Dust on the right-of-way was controlled with a water truck as required. • Locates were obtained from all utilities. • Any damages to utilities were repaired as soon as possible.

Table 2

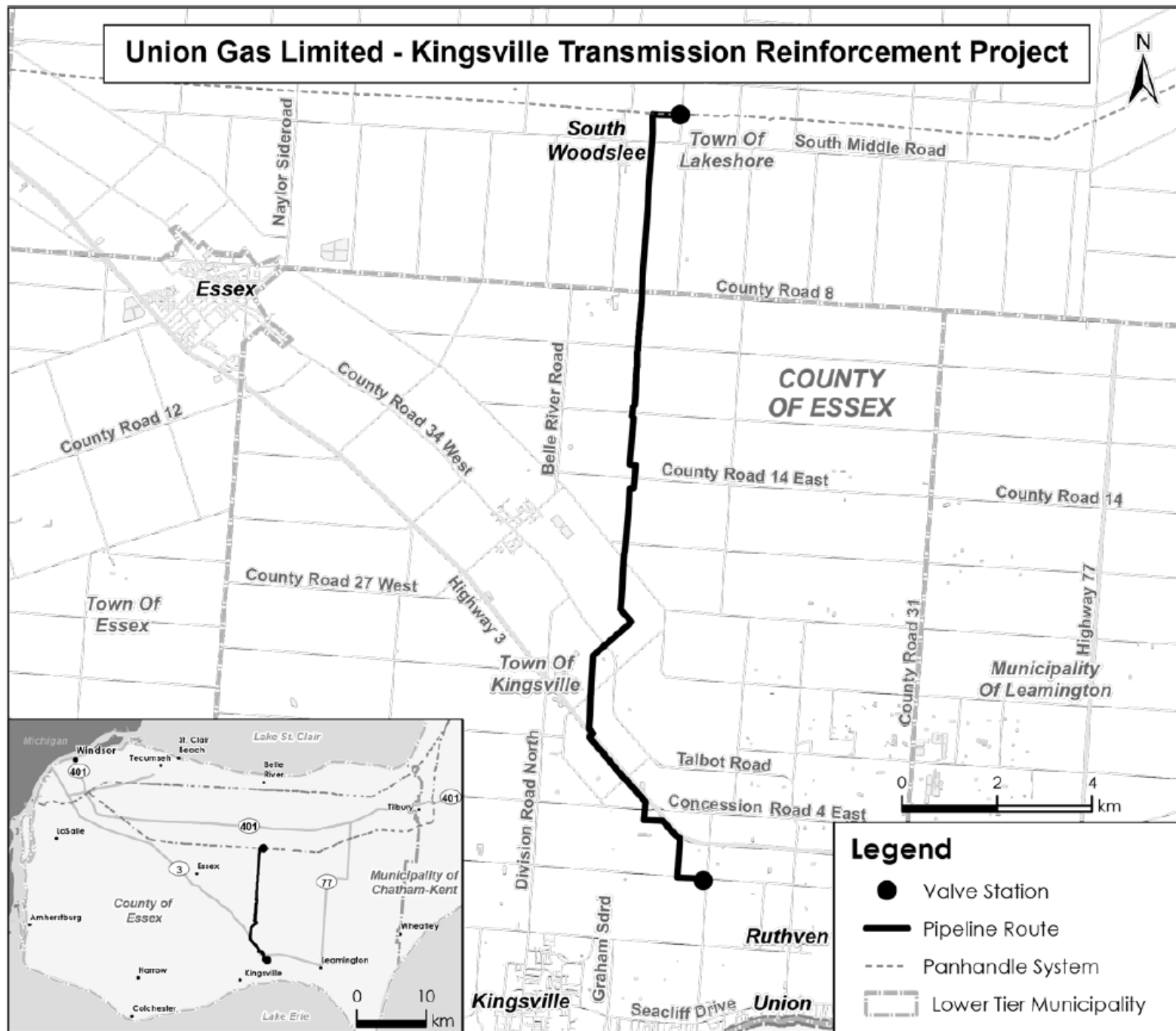
Complaint Tracking System

2019 Kingsville Transmission Reinforcement Project: Summary of Landowner Complaints					
Date	Property ID	Landowner	Complaint	Resolution	Status
June 7, 2019	Adjacent property		Landowner claimed pipeline construction caused their property to have wet areas. They said they were unable to mow their lawn or let dogs out in 2 of the 3 fenced areas on the property. They said this had not happened in 20+ years of living on the property.	<p>June 11, 2019: After the landowner spoke with the Enbridge Environmental Inspector (EI) on June 7th and raised the issue, the Enbridge Lands Relations Agent (LRA) met with the landowner on June 11th. After the meeting, the LRA brought the Enbridge Soils Consultant (SC) to the site to evaluate the land situation. The SC walked the property and stated that the wet areas have nothing to do with construction activities and more to do with the water table being the highest its been since 1986 and the lands backing onto the woodlot located near the Matlock Drain.</p> <p>June 18, 2019: LRA received another phone call from the landowner. They still felt construction was responsible for the wet areas, and that construction must have done something to impact the water table. The LRA confirmed to the landowner that construction has been adhering to permit conditions for water taking, and Enbridge is confident that construction activities have not caused their property to be wetter than normal.</p>	Resolved.

2019 Kingsville Transmission Reinforcement Project: Summary of Landowner Complaints					
Date	Property ID	Landowner	Complaint	Resolution	Status
				<p>June 21, 2019: Enbridge Construction Superintendent met with the landowners and agreed to pump any excess water from easement/temporary land use areas to a swale in the Ministry of Transportation woodlot, so it eventually would flow into the Matlock Drain. The Construction Superintendent also committed to installing a new tile drain along the eastern property line of the property adjacent to the property in question. If the property was still wet after a week, consideration would be given to installing a pump in the landowners' backyard to help drain the water.</p> <p>July 23, 2019: Follow-up meeting with the LRA and landowner. Landowner confirmed that there had been no issues since the previous meeting.</p>	

Appendix A

Project Mapping



Appendix B

Conditions of Approval

Leave to Construct Conditions of Approval
Union Gas Limited
EB-2018-0013

1. Union Limited (Union) shall construct the facilities and restore the land in accordance with the Board's Decision and Order in EB-2018-0013 and these Conditions of Approval.
2. (a) Authorization for leave to construct shall terminate 12 months after the decision is issued, unless construction has commenced prior to that date.

(b) Union shall give the OEB notice in writing:
 - i. of the commencement of construction, at least ten days prior to the date construction commences;
 - ii. of the planned in-service date, at least ten days prior to the date the facilities go into service;
 - iii. of the date on which construction was completed, no later than 10 days following the completion of construction; and
 - iv. of the in-service date, no later than 10 days after the facilities go into service.
3. Union shall implement all the recommendations of the Environmental Protection Plan filed in the proceeding, and all the recommendations and directives identified by the Ontario Pipeline Coordinating Committee review.
4. Union shall advise the OEB of any proposed change to OEB-approved construction or restoration procedures. Except in an emergency, Union shall not make any such change without prior notice to and written approval of the OEB. In the event of an emergency, the OEB shall be informed immediately after the fact.

5. Concurrent with the final monitoring report referred to in Condition 6(b), Union shall file a Post Construction Financial Report, which shall indicate the actual capital costs of the project and shall provide an explanation for any significant variances from the cost estimates filed in this proceeding. Union shall also file a copy of the Post Construction Financial Report in the proceeding where the actual capital costs of the project are proposed to be included in rate base or any proceeding where Union proposes to start collecting revenues associated with the project, whichever is earlier.
6. Both during and after construction, Union shall monitor the impacts of construction, and shall file with the OEB one paper copy and one electronic (searchable PDF) version of each of the following reports:
 - (a) a post construction report, within three months of the in-service date, which shall:
 - i. provide a certification, by a senior executive of the company, of Union's adherence to Condition 1;
 - ii. describe any impacts and outstanding concerns identified during construction;
 - iii. describe the actions taken or planned to be taken to prevent or mitigate any identified impacts of construction;
 - iv. include a log of all complaints received by Union, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, the rationale for taking such actions; and
 - v. provide a certification, by a senior executive of the company, that the company has obtained all other approvals, permits, licences, and certificates required to construct, operate and maintain the proposed project.
 - b) a final monitoring report, no later than fifteen months after the in-service date, or, where the deadline falls between December 1 and May 31, the following June 1, which shall:

- i. provide a certification, by a senior executive of the company, of Union's adherence to Condition 3;
- ii. describe the condition of any rehabilitated land;
- iii. describe the effectiveness of any actions taken to prevent or mitigate any identified impacts construction;
- iv. include the results of analyses and monitoring programs and any recommendations arising therefrom; and
- v. include a log of all complaints received by Union, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, the rationale for taking such actions.

Appendix C

Change Requests and Approvals



December 19, 2018

BY RESS

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
2300 Yonge Street, 27th Floor
Toronto, ON M4P 1E4

Dear Ms. Walli:

**RE: Union Gas Limited (“Union”)
Kingsville Transmission Reinforcement Project
EB-2018-0013**

Please find attached Change Request 1, for the above-noted project.

Union believes that these changes are not significant and would appreciate your timely review and approval of this request.

In the event that you have any questions or would like to discuss in more detail, please do not hesitate to contact me at 519-436-4601.

Sincerely,

[original signed by]

Mark A. Murray J.D.
Manager, Regulatory Projects & Land Acquisition

cc: Zora Crnojacki, OEB

REQUEST TO VARY

Project Name: Kingsville Reinforcement Project

OEB File Number: EB-2018-0013

Change Request: 1

Description and Rationale for Change

Union is proposing changes to the dimensions and locations of temporary land use areas ("Land Rights") at various locations along the pipeline route to facilitate pipeline construction.

Construction and Restoration Practices

There are no changes proposed for the construction of the proposed facilities.

Environmental

No new environmental mitigation measures will be required.

Consultation

Union has met with the directly affected landowners with respect to the Land Rights and no issues have been identified.

Lands

Union has acquired the necessary Land Rights from the landowners.

Costs

These changes will not result in an increase to the project budget.

Schedule

These changes will not result in any change to the project in-services date.

Maps

A chart setting out the changes in land rights, which are identified in red is attached at Schedule 1.

Maps showing the location of the Land Rights which are identified as red cross-hatched areas are attached at Schedule 2. The top half of each individual map identifies the land rights previously included in Union's application, as Tab 13 Schedule 1, and the bottom half of each map identifies the additional Land Rights requested.

Ontario Energy Board
P.O. Box 2319
27th Floor
2300 Yonge Street
Toronto ON M4P 1E4
Telephone: 416-481-1967
Facsimile: 416-440-7656
Toll free: 1-888-632-6273

**Commission de l'énergie
de l'Ontario**
C.P. 2319
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2300, rue Yonge
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Télécopieur: 416-440-7656
Numéro sans frais: 1-888-632-6273



BY E-MAIL

December 24, 2018

Mark A. Murray, J.D.
Manager, Regulatory Projects and Land Acquisition
Union Gas Limited
50 Keil Drive North
P.O. Box 2001
Chatham ON N7M 5M1
mmurray@uniongas.com

Dear Mr. Murray:

**Re: Kingsville Reinforcement Project, EB-2018-0013
Request to Vary
Change Request No. 1**

The Ontario Energy Board (OEB) is in receipt of your letter dated December 19, 2018, in which Union Gas Limited (Union Gas) requests approval from the OEB for a change to the Kingsville Reinforcement Project (Change Request No. 1).

Union Gas proposes to change the dimensions and locations of temporary land use areas along the pipeline route to facilitate pipeline construction.

Union Gas notes that the proposed changes in temporary land use dimensions and locations will not cause any changes in construction or restoration practices, environmental impacts, construction schedule, or project budget. Union Gas also indicated that it met with all directly affected landowners and that no issues were identified; and that all land rights have been acquired. The in-service date for the pipeline remains unchanged.

As the Manager, Applications Supply and Infrastructure, I have been delegated the authority of the OEB under section 6 of the *Ontario Energy Board Act, 1998* to determine whether Union Gas' proposal will result in material changes to the leave to construct granted by the OEB in EB-2018-0013 proceeding. I have been further granted the authority to approve any changes that I have concluded are not material.

Based on my review of the information provided, I find that the described changes to the dimensions and locations of temporary land use areas along the pipeline route are not material. I hereby approve the proposed change.

Yours truly,

Original Signed by

Nancy Marconi
Manager, Applications Supply and Infrastructure



Joel Denomy
Technical Manager
Regulatory Affairs

tel 416 495 5676
EGregulatoryproceedings@enbridge.com

Enbridge Gas Inc.
500 Consumers Road
North York, Ontario M2J 1P8
Canada

VIA Email, RESS and Courier

August 22, 2019

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
2300 Yonge Street, Suite 2700
Toronto, Ontario, M4P 1E4

Dear Ms. Walli:

**Re: Enbridge Gas Inc. (Enbridge Gas)
Ontario Energy Board (Board) File No.: EB-2018-0013
Kingsville Transmission Reinforcement Project - Request to Vary**

Please find attached a Request to Vary Form as submitted by Enbridge Gas for the Kingsville Transmission Reinforcement Project ("the Project"). The Request to Vary involves a change to the time allotted for the Project's hydrostatic test.

As stated in the pre-filed evidence for the Project, the plan was to test the proposed pipeline hydrostatically with water for a period of 24 hours. This was consistent with Union Gas's ("Union") specification at the time. Union filed the Kingsville Reinforcement application and pre-filed evidence with the Ontario Energy Board ("OEB") prior to amalgamating with Enbridge Gas Distribution to form Enbridge Gas.¹

Enbridge Gas has since reviewed its specification for hydrostatic testing and has implemented a change to the duration of test. More specifically, rather than conduct the test for 24 hours, the test period is now 8 hours. This change also adheres to the requirements of the CSA Z662 Code, specifically clause 8.7.5 Duration of Tests.

Enbridge Gas submits this change is not significant and as noted above, is permitted by Code. For these reasons, Enbridge Gas respectfully requests a timely review and approval of this request.

Please contact the undersigned if you have any questions.

Yours truly,

(Original Signed)

Joel Denomy
Technical Manager

c.c.: N. Marconi (OEB Staff)
A. Manzano (OEB Staff)

¹ Amalgamation to form Enbridge Gas Inc. effective January 1, 2019.

REQUEST TO VARY

Project Name: Kingsville Transmission Reinforcement Project

OEB File Number: EB-2018-0013

Change Request: 1

Description and Rationale for Change

Enbridge Gas Inc. ("Enbridge Gas") is proposing to use an 8-hour hydrostatic test rather than 24 hours as noted in the pre-filed evidence (Exhibit A, Tab 11, p. 6) for the Kingsville Transmission Reinforcement Project (the "Project"). The 24-hour hydrostatic test was consistent with the internal specification at the time the application for the Project was filed with the Ontario Energy Board. Following a review of the internal specification, the test duration was changed from 24 hours to 8 hours. Enbridge Gas submits this change adheres to the requirements of the CSA Z662 Code, specifically clause 8.7.5 Duration of Tests. This section allows for a variety of test durations ranging from one hour to 24 hours depending upon the site-specific circumstances. In the case of the Kingsville Project, an 8-hour hydrostatic test is permitted by the CSA Z662 Code and, is an acceptable method for testing the proposed pipeline.

Construction and Restoration Practices

No impact to construction and/or restoration practices

Environmental

No new environmental mitigation will be required

Consultation

No additional consultation required

Lands

No impact to lands

Costs

No impact to costs

Schedule

No impact to the in-service date

Attachments

No attachments required for this Request to Vary



Ontario
Energy
Board | Commission
de l'énergie
de l'Ontario

BY E-MAIL

August 27, 2019

Mr. Joel Denomy
Technical Manager, Regulatory Affairs
Enbridge Gas Inc.
500 Consumers Road
Willowdale, ON M2J 1P8
Joel.Denomy@enbridge.com

Dear Mr. Denomy

**Re: Enbridge Gas Inc.
Kingsville Transmission Reinforcement Project
Ontario Energy Board File Number EB-2018-0013
Request to Vary, Change Request No. 1**

The Ontario Energy Board (OEB) is in receipt of your letter dated August 22, 2019, in which Enbridge Gas Inc. (Enbridge Gas) advised the OEB of a change to the Kingsville Transmission Reinforcement Project (Project). The OEB approved the Project, subject to certain conditions of approval, by a Decision and Order dated September 20, 2018. At the time of the application, Enbridge Gas was acting as Union Gas Limited (Union Gas). Enbridge Gas Distribution Inc. and Union Gas amalgamated effective January 1, 2019, to become Enbridge Gas.

Among the OEB's conditions of approval was the following:

4. Union shall advise the OEB of any proposed change to OEB-approved construction or restoration procedures. Except in an emergency, Union shall not make any such change without prior notice to and written approval of the OEB. In the event of an emergency, the OEB shall be informed immediately after the fact.

The change involves a reduction in the time allotted for the Project's hydrostatic test.

In its application for the Project, Enbridge Gas stated:

All of the design, installation and testing of the proposed pipeline and station modifications will be completed in accordance with the requirements of Ontario Regulation 210/01, Oil and Gas Pipeline Systems under the *Technical Standards and Safety Act, 2000*. This regulation governs the installation of pipelines in the Province of Ontario. The design meets or exceeds the requirements of current CSA Z662-15 Standard in accordance with the Code Adoption document under the Ontario Regulations.¹

Enbridge Gas indicated that the hydrostatic test would be 24 hours in duration. This duration was consistent with Union Gas' specifications at the time.

In its August 22, 2019 change request, Enbridge Gas advised that the amalgamated utility has reviewed its specifications for hydrostatic testing as they relate to the requirements of the CSA Z662 standard, and specifically clause 8.7.5 – Duration of Tests. This section allows for a variety of test durations ranging from one hour to 24 hours depending upon the site-specific circumstances. Enbridge Gas asserted that in the case of the Project, an 8 hour hydrostatic test is permitted by the CSA Z662 standard and is an acceptable method for testing the proposed pipeline.

Enbridge Gas submits that the change will not modify the project's originally proposed construction or restoration methods, environmental mitigation measures, stakeholder consultations, land requirements, project cost, or project schedule.

As the Manager, Supply and Infrastructure Applications, I have been delegated, under section 6 of the *Ontario Energy Board Act, 1998*, the authority of the OEB to determine whether Enbridge Gas' proposal will result in material changes to the natural gas pipeline in respect of which leave to construct was granted by the OEB in the EB-2018-0013 proceeding. I have been further granted the authority to approve any changes that I have concluded are not material.

¹ EB-2018-0013, Application, Exhibit A, Tab 11, page 1

Based on my review of the information provided, I find that the change proposed by Enbridge Gas is not material. I hereby approve the proposed change.

Yours truly,

Original signed by

Nancy Marconi
Manager, Supply and Infrastructure Applications

Appendix D

Executive Certifications



2019 Kingsville Transmission Reinforcement Project

EB-2018-0013

Decision and Order

September 20, 2018

I hereby certify that Enbridge Gas Inc. has constructed the facilities and restored the land in accordance with the Board's Decision and Order in EB-2018-0013 and the Conditions of Approval.

Jun 14, 2020

Date

Michelle Ceege

Senior Executive

Condition 6 (a) (i)

6. Both during and after construction, Union shall monitor the impacts of construction, and shall file with the OEB one paper copy and one electronic copy (searchable PDF) version of each of the following reports:
 - a) a post construction report, within three months of the in-service date, which shall:
 - i. provide a certification, by a senior executive of the company, of Union's adherence to Condition 1;

Condition 1

Union Limited (Union) shall construct the facilities and restore the land in accordance with the Board's Decision and Order in EB-2018-0013 and these Conditions of Approval.



2019 Kingsville Transmission Reinforcement Project

EB-2018-0013

Decision and Order

September 20, 2018

I hereby certify that Enbridge Gas Inc. has obtained all other approvals, permits, licences, and certificates required to construct, operate and maintain the proposed project.

Jan 14, 2020

Date

Michelle Lee

Senior Executive

Condition 6 (a) (v)

6. Both during and after construction, Union shall monitor the impacts of construction, and shall file with the OEB one paper copy and one electronic copy (searchable PDF) version of each of the following reports:
 - a) a post construction report, within three months of the in-service date, which shall:
 - v. provide a certification, by a senior executive of the company, that the company has obtained all other approvals, permits, licences, and certificates required to construct, operate and maintain the proposed project.

Appendix E

Photograph Inventory



1. Topsoil was stripped and piled separately from subsoil to avoid mixing.



2. Reptile exclusion fencing was installed in certain areas to protect Eastern Foxsnakes and other species.



3. An aerial view of the right-of-way. Where necessary, geotextile material is spread across topsoil piles before subsoil is excavated to prevent mixing.



4. Once the pipeline installed, all land is restored back to at least pre-construction conditions.



5. Caution signs were installed to remind workers of potential snake presence to help prevent impacts.



6. Sediment and erosion control measures were installed at each watercourse crossing and will remain in place until the banks are stable and vegetated.