



Enbridge Gas Inc.
50 Keil Drive N.
Chatham, Ontario, Canada
N7M 5M1

March 14, 2019

BY RESS & Courier

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

Dear Ms. Walli:

**Re: Enbridge Gas Inc. ("Enbridge Gas")
Community Expansion Project
Milverton
Board File # EB-2015-0179**

Pursuant to Condition 6 (b) i-v of the Board's Conditions of Approval for the above-noted project, please find the Final Monitoring Report for the community of Milverton.

Sincerely,

[original signed by]

Shelley Bechard
Administrative Analyst, Regulatory Projects

cc: Z. Crnojacki
N. Marconi
Regulatory Library

MILVERTON NATURAL GAS PIPELINE PROJECT

FINAL MONITORING REPORT

**Prepared By: Enbridge Gas Inc.
Environmental Planning
March 2019**

TABLE OF CONTENTS

Milverton Natural Gas Pipeline Project Final Monitoring Report

1.0 Introduction.....	1
2.0 Background.....	3
3.0 Potential Impacts and Mitigation	4
3.1 Condition 1.....	4
3.2 Condition 3.....	4
3.3 Condition 4.....	4
3.4 Condition 6.....	5
4.0 Summary	7

Table 1 – Potential Impacts and Mitigation Measures

Appendix A – General Location Map

Appendix B – Conditions of Approval

Appendix C – Change Requests and Approvals

Appendix D – Executive Certification

1.0 INTRODUCTION

This Final Monitoring Report is provided in compliance with the Ontario Energy Board (“OEB”) Order EB-2015-0179 granting Union Gas Limited (“Union”) “Leave to Construct” 47.39 kilometres of new natural gas piping consisting of 20.5 kilometres of Nominal Pipe Size (NPS) 4 inch steel piping, 4.125 kilometres of NPS 4 inch plastic piping, and 22.765 kilometres of NPS 2 inch plastic piping to provide natural gas service to the communities of Milverton, Rostock and Wartburg as well as the residents and businesses between Sebringville and Milverton in Perth County.

The NPS 4 inch steel pipeline commenced at Union’s existing pipeline in Sebringville and travelled northeast along Perth Road 130, west along Perth Road 119, and northeast along Perth Road 131 to the distribution station in Milverton. The NPS 2 and 4 inch plastic pipelines were installed within portions of Milverton originating from the distribution station. NPS 2 inch pipelines were installed the following year (spring 2018) to service the communities of Rostock and Wartburg and ran west from Perth Road 130 along Line 46 and Line 42, respectively. All of the pipelines were installed within road allowances with the exception of one easement obtained at the “S” bend on Perth Road 130, and Union obtained fee simple rights to construct the distribution station on private land. Please see Appendix A for a map of the entire pipeline route.

The requirements for and details of this report are outlined in the specific conditions issued by the OEB in its Order dated August 10, 2017 and as listed below. The complete Conditions of Approval can be found in Appendix B. The Conditions of Approval addressed in this report are as follows:

Condition 1

Union Gas Limited (Union) shall construct the facilities and restore the land in accordance with the OEB’s Decision and Order in EB-2015-0179 and these Conditions of Approval.

Condition 3

Union shall implement all the recommendations of the Environmental Protection Plan filed in the proceeding.

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 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 15 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 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, the rationale for taking such actions.

2.0 BACKGROUND

Union was granted approval to construct the Milverton Natural Gas Pipeline Project on August 10, 2017. Construction was initiated on August 21, 2017 and the pipeline was placed into service on December 20, 2017. Cleanup and land restoration was completed concurrently to construction, and was completed for the year on December 20, 2017.

Construction commenced in Milverton with the installation of plastic piping via a combination of horizontal directional drilling (HDD) and trenching, and was soon followed by the installation of steel piping via HDD and trenching. Installation of the in-town plastic piping and the steel piping outside of town occurred concurrently for the remainder of construction with the following general order of operations: flagging/staking, stringing/welding/joint coating of steel pipe, trenching/HDD, lowering-in, tie-ins, back filling, hydrostatic testing, and clean-up.

Union returned to the right-of-way in spring 2018 to perform a general overview to ensure clean-up and restoration measures were successful and all disturbed areas were stable and re-vegetated. Any areas that required additional restoration measures were addressed as required. Union also installed the NPS 2 inch pipelines to service the communities of Rostock and Wartburg in spring 2018. Construction was initiated on May 14, 2018 and was completed on June 25, 2018. Construction progressed following the general order of operations: flagging/staking, trenching/HDD, lowering-in, tie-ins, back filling, and clean-up. Clean-up along the pipeline routes to service Rostock and Wartburg was completed by fall 2018. All disturbed areas were successfully re-vegetated and there are no outstanding concerns.

3.0 POTENTIAL IMPACTS AND MITIGATION

3.1 Condition 1

Union Gas Limited (Union) shall construct the facilities and restore the land in accordance with the OEB's Decision and Order in EB-2015-0179 and these Conditions of Approval.

Union has constructed the facilities and restored the land in accordance with the OEB's Decision and Order in EB-2015-0179 and these Conditions of Approval, including the conditions from the change requests approvals as discussed in section 3.3.

3.2 Condition 3

Union shall implement all the recommendations of the Environmental Protection Plan filed in the proceeding.

Union has implemented all the recommendations of the Environmental Protection Plan filed in the proceeding. Please refer to Table 1 to confirm Union's adherence to the recommendations and mitigation measures identified in the Environmental Protection Plan.

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.

Union advised the Board of two (2) changes to the Board – approved construction procedures on September 19, 2017 and November 3, 2017. Union received Board approval for the two (2) change requests on September 29, 2017 and November 17, 2017, respectively. Union's change requests and Board approvals are presented in Appendix C.

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 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.*

A Post Construction Report was filed with the OEB within three months of the December 20, 2017 in-service date.

- 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:*
 - i. provide a certification, by a senior executive of the company, of Union adherence to Condition 3;*

One paper copy and one electronic (searchable PDF) version of this Final Monitoring Report are provided to the Board. This report is certified by Jim Sanders, Senior Vice President of Operations, that Union has implemented all the recommendations of the Environmental Protection Plan filed in the

proceeding and is confirmed by the signed letter of approval found in Appendix D.

ii. *describe the condition of any rehabilitated land;*

All disturbed areas were restored as soon as possible upon completion of pipe installation. Vegetative cover was restored by means of seeding and sodding where required. Native seed mixes suitable to a roadside environment were used along roadways and sod was used where required in residential areas. All disturbed areas were successfully rehabilitated and no further cleanup is required.

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

The mitigation measures taken to address the identified impacts of construction as listed in Table 1 were utilized and successful. No actions outside of the mitigation measures listed in Table 1 were necessary to prevent or mitigate any identified impacts of construction.

iv. *include the results of analyses and monitoring programs and any recommendations arising therefrom; and*

Union's standard well monitoring program was in effect during construction. No complaints related water well quantity or quality were reported during construction. No other post construction monitoring programs were required.

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.*

Union's Complaint Tracking System, which identifies the current status of complaints received as a result of pipeline construction, was in effect. A complaint is identified as a concern raised by a landowner or member of the

public that has not been resolved to their satisfaction within three (3) working days. No complaints were received during construction and therefore a log of complaints was not produced.

During construction and clean-up, a number of concerns were raised to Union and their Contractor. These issues were minor in nature and were dealt with by Union and the Contractor in an expeditious manner and there are no outstanding concerns.

4.0 SUMMARY

This Final Monitoring Report has been prepared as per conditions in the Board Order EB-2015-0179. The report provides confirmation that Union has implemented all the recommendations of the Environmental Protection Plan filed in the proceeding, including the mitigation measures which prevented or mitigated the identified impacts of construction. This report also confirms that Union successfully rehabilitated the land disturbed from construction and there are no outstanding concerns. It is anticipated that these mitigation measures and rehabilitation efforts will effectively eliminate any long-term impacts to the environment.

Table 1

Potential Impacts and Mitigation Measures

Table 1: Potential Impacts and Mitigation Measures		
Issue	Potential Impacts	Mitigation Measures
Paved/Gravel Driveways and Roadways	Disruption to local traffic, landowners and tenants	<ul style="list-style-type: none"> - All roadways and driveways were bored if practical. - If it was not possible to bore driveways and roads, steel plates were on site to provide access to landowners and tenants. - The Company kept at least one lane of traffic open during construction and traffic controls were implemented as required. - For driveways that required cutting, the excavation was filled with sand and granular material and compacted. - Driveways were repaired as soon as possible.
Traffic	Disruption to local citizens	<ul style="list-style-type: none"> - At least one lane of traffic was maintained at all times. - Flag persons and warning devices were used to notify traffic of construction in accordance with Ministry of Transportation standards.
Public Safety	Public safety concerns	<ul style="list-style-type: none"> - Company inspectors ensured public safety on the construction site. - Proper signage and flag persons were used where required.
Commercial/Retail Businesses and Recreational Areas	Disruption to businesses	<ul style="list-style-type: none"> - Access to businesses was maintained at all times. - The land around businesses and recreational areas was restored as soon as possible.
Construction Noise	Disturbance to local citizens	<ul style="list-style-type: none"> - Construction was carried out during daylight hours whenever possible. - Equipment was properly muffled.
Nuisance Dust	Disturbance to local citizens	<ul style="list-style-type: none"> - Dust was controlled as required.
Construction Equipment	Disturbance to local citizens	<ul style="list-style-type: none"> - Equipment was stored off road shoulders when not in use.
Landowner Concerns	Disruption to landowners (Municipality)	<ul style="list-style-type: none"> - The Company provided the Municipality with the telephone numbers of supervisory personnel.
Fences	Disruption to landowners Loss of control of animals inside fenced areas	<ul style="list-style-type: none"> - No fences were removed or damaged during construction.
Front Yards	Disruption to landowners	<ul style="list-style-type: none"> - Landowners and tenants were notified

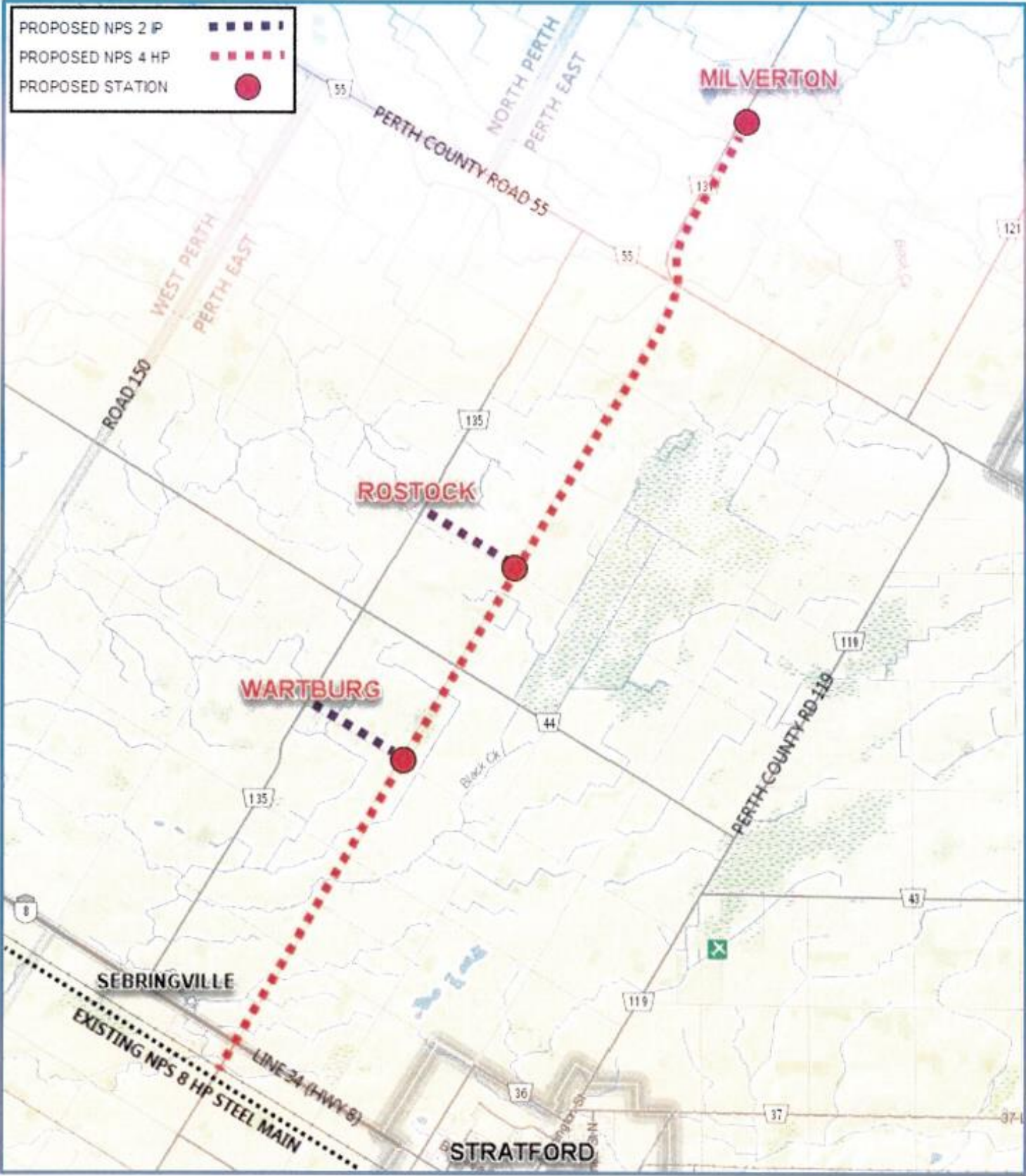
Table 1: Potential Impacts and Mitigation Measures		
Issue	Potential Impacts	Mitigation Measures
	and tenants	<ul style="list-style-type: none"> - prior to construction. - Lawns and yards were restored to original condition.
Mailboxes	Disruption to landowners and tenants	<ul style="list-style-type: none"> - Landowners were notified of mailbox disruption when required. - Mailboxes were restored as soon as possible and temporary alternatives were provided if necessary.
Underground Utilities	Disruption of services	<ul style="list-style-type: none"> - Locates were obtained from all utilities. - Any damages to utilities were repaired as soon as possible.
Archaeology	Disturbance of heritage resources	<ul style="list-style-type: none"> - An Archaeological Assessment was completed prior to construction. - No artifacts were encountered during construction.
Water Wells	Disruption to water supply	<ul style="list-style-type: none"> - A hydrogeological investigation was conducted prior to construction. - No water well problems were reported during construction.
Trees	Damage to trees Disturbance to wildlife	<ul style="list-style-type: none"> - Tree removal did not occur as part of construction.
Watercourse Crossings	Water quality concerns	<ul style="list-style-type: none"> - Union complied with all permit conditions from the Grand River Conservation Authority and Upper Thames River Conservation Authority. - Union adhered to all Company specifications and the Fisheries and Oceans Canada – endorsed Generic Sediment Control Plan for Horizontal Directional Drill for watercourse crossings.
Natural Areas	Sedimentation run-off	<ul style="list-style-type: none"> - Sediment barriers (i.e. silt fencing and filter socks) were used in areas where there was potential for run-off.
Vegetative Cover	Loss of vegetative cover leading to soil erosion	<ul style="list-style-type: none"> - Cover was restored by seeding as soon as possible.
Soils: Erosion	Introduction of sediment/silt to adjacent lands	<ul style="list-style-type: none"> - Disturbed soils were restored as soon as possible after construction.
Roadside Ditches	Water quality concerns	<ul style="list-style-type: none"> - Ditches were returned to pre-construction condition as quickly as possible. - Rock rip rap/straw bale check dams

Table 1: Potential Impacts and Mitigation Measures		
Issue	Potential Impacts	Mitigation Measures
		were installed as required.
Spills	Public safety issue	- No spills were identified during construction.
Contaminated Soils	Dealing with contaminated materials Public safety issue	- No contaminated soils were identified during construction.
Cemeteries	Disturbance to unmarked grave sites and disruption to services	- Archaeological Assessments were conducted around cemeteries to prevent potential impacts. - Construction was suspended during funeral services.
Site Restoration	Disturbance to public and private properties	- The construction area was restored as soon as possible upon completion of pipe installation.

Appendix A

General Location Map

MILVERTON, ROSTOCK & WARTBURG - Community Expansion Key Plan



Appendix B

Conditions of Approval

**Leave to Construct Conditions of Approval
Application under Section 90 of the *Ontario
Energy Board Act, 1998***

Union Gas Limited

EB-2015-0179

1. Union Gas Limited (Union) shall construct the facilities and restore the land in accordance with the OEB's Decision and Order in EB-2015-0179 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 10 days prior to the date construction commences;
 - ii. of the planned in-service date, at least 10 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.
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. Union shall file, in the proceeding where actual capital costs of the project are proposed to be included in rate base, a Post Construction Financial Report, which shall indicate the actual capital costs of the project and shall provide an explanation of any significant variances from the cost estimates filed in this proceeding.
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 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 15 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 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, the rationale for taking such actions.

Appendix C

Change Requests and Approvals



September 19, 2017

RESS & COURIER

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")
Community Expansion Project
Board File # EB-2015-0179**

Please find attached three change requests, for the above-noted project.

Union believes that these changes are not significant and would appreciate your timely review and approval of this request, as construction is in progress. Confidential copies of the redacted schedules are being couriered to the Board separately.

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

Sincerely,

[original signed by]

W.T. (Bill) Wachsmuth, RPF
Senior Administrator, Regulatory Projects

cc: Zora Crnojacki, OEB
Nancy Marconi, OEB
Ritchie Murray, OEB

REQUEST TO VARY

Project Name: Milverton Rostock Wartburg
Community Expansion Project

OEB file Number: EB-2015-0179

Request to Vary: 2

Description and Rationale for Change

Union has been working with the Township of Perth East to refine the pipeline plan for Milverton. These discussions have resulted in a number of changes to the plan which was filed in March 2017. A map showing the revised pipeline plan can be found at Schedule 1.

In order to minimize disturbance to the main streets of Milverton it was decided to serve this area from behind rather than constructing in front of these businesses. In order to compete this it has been necessary to obtain private easements in alleyways behind the main street. Seven landowners have agreed to grant Union easements to facilitate this change.

In Union's pre-filed evidence it identified that there were 4 approved subdivisions ready for development. Development in 2 subdivisions has commenced and Union is proposing to extend natural gas service to these areas in 2017. Union had always planned to serve these areas; it is just servicing them earlier than expected.

In reviewing the revised plan Union can confirm that every resident and business who had access to natural gas service in the original plan, still has access to natural gas service.

Construction and Restoration Practices

Union's standard construction practices will be followed for construction of the station facilities.

Environmental

No new environmental mitigation measures will be required.

Consultation

Union has discussed these changes with the municipality and the directly affected landowners. No concerns have been identified.

Lands

Seven landowners have agreed to grant Union an Easement. A key a map showing the location of the easements and six signed easements are attached at Schedule 2 (note: one landowner is currently out of the country and has provided Union with an email confirmation that their easement has been signed and is in the mail). This form of easement was previously approved by the Board in the EB-2016-0186 proceeding.

Costs

These changes will increase the first year costs of the project by \$40,000. As some of these pipelines had been planned to be constructed in later years of the project there is no significant change to the total 10 year project costs.

Schedule

This change will not result in a change to the in-service date of the Milverton portion of the project.

Attachments

A drawing showing the locations of the proposed pipelines in Milverton is attached at Schedule 1.

The key map showing the location of the signed easements and the signed easements are attached at Schedule 2.

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
27^e étage
2300, rue Yonge
Toronto ON M4P 1E4
Téléphone: 416-481-1967
Télécopieur: 416-440-7656
Numéro sans frais: 1-888-632-6273



BY E-MAIL

September 29, 2017

Bill Wachsmuth
Union Gas Limited
Senior Administrator, Regulatory Projects
50 Keil Drive North
P.O. Box 2001
Chatham ON N7M 5M1
bwachsmuth@uniongas.com

Dear Mr. Wachsmuth:

**Re: Community Expansion Project – EB-2015-0179
Request to Vary
Change Request Nos. 1, 2 and 3**

The Ontario Energy Board (OEB) is in receipt of your letter dated September 19, 2017 in which Union Gas Limited (Union) advised the OEB of three changes to the Community Expansion Project (Change Request Nos. 1, 2 and 3).

As the Manager, Applications Policy and Climate Change, I have been delegated the authority of the OEB under section 6 of the Ontario Energy Board Act, 1998 to determine whether Union's proposals will result in material changes to the leave to construct granted by the OEB in the EB-2016-0179 proceeding. I have been further granted the authority to approve any changes that I have concluded are not material.

I address each of the three change requests in the following sections.

Change Request No. 1

This request pertains to the Kettle and Stony Point First Nation and Lambton Shores Community Expansion Project. It involves the relocation of a pressure regulating station. The location originally intended for the station is located in the apex of the south west corner of the intersection of Army Camp Road and Ravenswood Line. Subsequent to its LTC application, Union has learned that the apex is required by the municipality to provide "daylighting", or the ability for motorists to have an unobstructed view

throughout the intersection. As a result, Union proposes to reorient and relocate the station within the private property adjacent to the “daylighted” road allowance.

Union has indicated the following:

1. This change will not modify the project's construction methods, environmental mitigation measures, costs or schedule
2. Union has discussed the change with affected landowners and the municipality; no concerns were identified
3. Union has purchased the necessary land

Based on my review of the information provided, I find that the described change does not materially impact the leave granted by the OEB to construct the pipeline. I hereby approve the proposed change.

Change Request No. 2

This request pertains to the Milverton Rostock Wartburg Community Expansion Project. In an effort to minimize disturbance to business, Union proposes to serve certain areas of downtown Milverton by using side streets and laneways rather than using main streets as originally proposed. Additionally, Union is proposing to serve two new subdivisions off the Milverton distribution system sooner than originally planned.

Union has indicated the following:

1. These changes will not modify the project's construction methods, environmental mitigation measures, or schedule
2. These changes will increase the first year project costs by \$40,000; however, the 10-year project costs are not materially changed as some of these pipelines were planned to be constructed in later years
3. Union has discussed the changes with affected landowners and the municipality; no concerns were identified
4. With one exception, Union has acquired additional land rights and filed copies of the executed landowner agreements. The form of easement agreement for the additional Land Rights was approved by the OEB in its February 23, 2017 Decision and Order in Union's Panhandle Replacement Project (EB-2016-0186). The one exception is a landowner who is currently out of the country but has committed in an email to signing an easement agreement by the end of September, 2017
5. Every resident and business who would have had access to gas under the original plan will have access to gas if the changes are approved

Based on my review of the information provided, I find that the described changes do not materially impact the leave granted by the OEB to construct the pipeline. I hereby approve the proposed changes.

Change Request No. 3

This request pertains to the Kettle and Stony Point First Nation and Lambton Shores Expansion Project. It involves changes intended to make construction more efficient (for example installing pipe on both sides of certain streets to shorten service connections).

Union has indicated the following:

1. These changes will not modify the project's construction methods, environmental mitigation measures, project costs or schedule
2. The proposed changes do not alter the project's permanent or temporary land use requirements as construction remains within the previously disturbed portions of the road allowance
3. Union has discussed the changes with the municipality and the First Nation; no concerns were identified
4. Every resident and business who would have had access to gas under the original plan will have access to gas if the changes are approved

Based on my review of the information provided, I find that the described changes do not materially impact the leave granted by the OEB to construct the pipeline. I hereby approve the proposed changes.

Yours truly,

Original Signed by

Pascale Duguay
Manager, Applications Policy and Climate Change



November 3, 2017

RESS & COURIER

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")
Community Expansion Project
Board File # EB-2015-0179**

Please find attached Change Request #4, for the above-noted project.

Union believes that this change is not significant and would appreciate your timely review and approval of this request, as construction is in progress. Confidential copies of the redacted schedules are being couriered to the Board separately.

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

Sincerely,

[original signed by]

W.T. (Bill) Wachsmuth, RPF
Senior Administrator, Regulatory Projects

cc: Zora Crnojacki, OEB
Nancy Marconi, OEB
Ritchie Murray, OEB

REQUEST TO VARY

Project Name: Milverton Rostock Wartburg
Community Expansion Project

OEB file Number: EB-2015-0179

Request to Vary: 4

Description and Rationale for Change

Union requires a different area of land for construction of the proposed station at the south end of Milverton. In Union's original application it assumed, as a result of various positive conversations, that property would be available on the north east corner of Line 61 and Perth 131 Road. After the project was approved by the OEB, the landowner informed Union that he was no longer interested in having a station constructed on his property. With this information, Union contacted the County and was able to negotiate a new station location south of Line 61 on the west side of Perth 131 Road on property owned by the County.

Construction and Restoration Practices

Union's standard construction practices will be followed for construction of the station facilities. Between the original station location and the new station location there will be a combination of steel and plastic pipelines as some steel pipe had been constructed in an anticipation of using the original station location.

Environmental

No new environmental mitigation measures will be required.

Consultation

Union has discussed this change with the County and the Municipality. They did not identify any concerns.

Lands

The County has sold Union the property required for the station.

Costs

Union had always proposed that a station would be required this Project. Changing the location did not result in any additional costs.

Schedule

This change will not result in a change to the in-service date of the project.

Attachments

A drawing showing the location of the original and proposed station is attached at Schedule 1. Documentation confirming the County has transferred the property to Union can be found at Schedule 2.

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
27^e étage
2300, rue Yonge
Toronto ON M4P 1E4
Téléphone: 416-481-1967
Télécopieur: 416-440-7656
Numéro sans frais: 1-888-632-6273



BY E-MAIL

November 17, 2017

Bill Wachsmuth
Senior Administrator, Regulatory Projects
Union Gas Limited
50 Keil Drive North
P.O. Box 2001
Chatham ON N7M 5M1
bwachsmuth@uniongas.com

Dear Mr. Wachsmuth:

**Re: Community Expansion Project – EB-2015-0179
Request to Vary
Change Request No. 4**

The Ontario Energy Board (OEB) is in receipt of your letter dated November 3, 2017 in which Union Gas Limited (Union) advised the OEB of a change to the Community Expansion Project (Change Request No. 4).

Union proposes to relocate a pressure regulating station as the landowner for the originally proposed location is no longer interested in entering into a land use agreement. Union has secured an alternative location through the purchase of land from Perth County. The new location is slightly south and west of the original location and on the same road, Perth County Road 131.

Union submits that this change will not modify the project's originally proposed construction or restoration methods, environmental mitigation measures, project costs or project schedule. Union has consulted with Perth County and the municipality of the Township of Perth East, and both expressed no concerns. The new land requirements have been met through the purchase of land from the County.

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's proposal will result in material changes to the leave to

construct granted by the OEB in the EB-2017-1118 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 will approve the requested change.

Yours truly,

Original Signed by

Nancy Marconi
Manager, Applications Supply and Infrastructure



March 15, 2018

RESS & COURIER

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")
Community Expansion Project
Board File # EB-2015-0179**

Please find attached Change Request #6, 7 and 8, for the above-noted project.

Union believes that these changes are the result of additional field studies which have allowed Union to prepare a more complete and comprehensive piping plan for the communities. The changes are not significant and we would appreciate your timely review and approval of these requests.

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

Sincerely,

[original signed by]

W.T. (Bill) Wachsmuth, RPF
Senior Administrator, Regulatory Projects

cc: Zora Crnojacki, OEB
Nancy Marconi, OEB
Ritchie Murray, OEB

REQUEST TO VARY

Project Name: Milverton Rostock and Wartburg Project
Community Expansion Project

OEB file Number: EB-2015-0179

Request to Vary: 7

Description and Rationale for Change

Union was not able to complete construction of Rostock and Wartburg in 2017 due to timing and weather conditions. Union is proposing to construct the pipelines to Rostock and Wartburg in 2018.

Union has updated the maps for both Rostock and Wartburg. These updates identify areas that were included in the Project but not included on the original maps.

A revised map showing the locations where pipelines will be constructed in Rostock can be found at Schedule 1.

A revised map showing the locations where pipelines will be constructed in Wartburg can be found at Schedules 2.

Construction and Restoration Practices

Union's standard construction practices will be followed for construction of the proposed pipelines.

Environmental

No new environmental mitigation measures will be required.

Consultation

Union has discussed these changes with both the Township of Perth East and County of Perth who have not identified any concerns with these changes.

Lands

No new lands are required as the Proposed Pipelines will be constructed within road allowance.

Costs

There is no change to the Project costs as these areas were included in the original Project but not identified on the maps which form part of Union's pre-filed evidence.

Schedule

The in-service date for Rostock and Wartburg will be the fall of 2018.

Attachments

A drawing showing the location of the proposed pipelines is attached at Schedules 1 and 2.

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
27^e étage
2300, rue Yonge
Toronto ON M4P 1E4
Téléphone: 416-481-1967
Télécopieur: 416-440-7656
Numéro sans frais: 1-888-632-6273



BY E-MAIL

April 25, 2018

Bill Wachsmuth
Senior Administrator, Regulatory Projects
Union Gas Limited
50 Keil Drive North
P.O. Box 2001
Chatham ON N7M 5M1
bwachsmuth@uniongas.com

Dear Mr. Wachsmuth:

**Re: Union Gas Limited
EB-2015-0179 Community Expansion Project
Request to Vary / Change Request Nos. 6, 7 and 8**

The Ontario Energy Board (OEB) received your letter dated March 15, 2018, in which Union Gas Limited (Union Gas) requests three variances to the OEB approved Community Expansion Project (Project) - Change Request Nos. 6, 7 and 8. On March 23, 2018, the OEB requested additional information and clarifications. Union Gas filed its responses on March 27, 2018.

Change Request No. 6 pertains to the construction of additional pipeline on Little John Road as part of the Moraviantown portion of the Project. Union Gas confirms that the Environmental Report (ER) for the Project encompassed the location of the proposed main on Little John Road. Union Gas submits that this change will not modify the Project's originally proposed construction and restoration methods, environmental mitigation measures, land use requirements, or schedule. Union Gas has consulted with the Moraviantown First Nation, and they expressed no concerns regarding the proposed change. Union Gas submits that the additional works will result in an increase to the Project budget of approximately \$4,000 but will also increase the number of customers

served and the profitability index of the Project remains greater than 1.0. To the extent that the increase in costs associated with this change results in the Project going over budget, this will be considered when Union Gas seeks to put the assets in rate base.

Change Request No. 7 pertains to Union Gas' inability to complete the Rostock and Wartburg portions of the Project in 2017 due to weather conditions, and its proposal to complete the construction by the fall of 2018. In addition, Union Gas has provided updated maps showing the locations of pipelines that were contemplated in its original leave to construct application but not accurately depicted on the maps filed in that application. Union Gas confirms that the ER for the Project encompassed the locations of the inaccurately depicted pipelines. Union Gas submits that these changes will not modify the Project's originally proposed construction and restoration methods, environmental mitigation measures, land use requirements, project cost or schedule. Union Gas has consulted with the Township of Perth East and the County of Perth, and they expressed no concerns regarding the proposed changes.

Change Request No. 8 pertains to the elimination of three pipeline segments in the Prince Township portion of the Project, and the construction of additional pipeline segments at other locations in that same community. Through additional environmental and engineering reviews, Union Gas has determined that it can avoid two water crossings as well as the installation of pipe on Heywood Road without reducing the number of customers served. In addition, Union Gas has provided updated maps showing the locations of pipelines that were contemplated in its original leave to construct application but not accurately depicted on the maps filed in that application. Union Gas confirms that the ER for the Project encompassed the locations of the inaccurately depicted pipelines. Union Gas submits that these changes will not modify the Project's originally proposed construction and restoration methods, environmental mitigation measures, land use requirements, project cost or schedule. Union Gas has consulted with the Township of Prince, and it expressed no concerns regarding the proposed changes.

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's proposal will result in material changes to the leave to construct granted by the OEB in the EB-2015-0179 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 do not materially impact the leave granted by the OEB. I hereby approve the proposed change.

Yours truly,

Original Signed by

Nancy Marconi
Manager, Applications Supply and Infrastructure

Appendix D

Executive Certification



Milverton Natural Gas Pipeline Project

EB-2015-0179

Decision and Order

August 10, 2017

I hereby certify that Enbridge Gas Inc. has implemented all the recommendations of the Environmental Protection Plan filed in the proceeding, as per Condition 6 (b)(i) of the Decision and Order, EB-2015-0179.

March 12, 2019

Date

A blue ink signature, appearing to be 'J. [unclear]', written over a horizontal line.

Senior Executive

Condition 6 (b) (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 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:
 - i. provide a certification, by a senior executive of the company, of Union adherence to Condition 3;

Condition 3

Union shall implement all the recommendations of the Environmental Protection Plan filed in the proceeding.