

October 29, 2018

BY RESS & Courier

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

Dear Ms. Walli:

**Re: Union Gas Limited (“Union”)  
Community Expansion Project  
Board File # EB-2015-0179**

Pursuant to Condition 6. (a) i-v of the Board’s Conditions of Approval for the above-noted project, please find the post construction report for the community of Delaware Nation of Moriaviantown First Nation.

Sincerely,

*[original signed by]*

Shelley Bechard  
Administrative Analyst, Regulatory Projects

cc: Z. Crnojacki  
N. Marconi  
Regulatory Library

**MORAVIANTOWN NATURAL GAS  
PIPELINE PROJECT**

**POST CONSTRUCTION REPORT**

**Prepared By: Union Gas Limited  
Environmental Planning  
October 2018**

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## **1.0 INTRODUCTION**

This Post Construction Report is provided in compliance with the Ontario Energy Board (“OEB”) Order EB-2015-0179 granting Union Gas Limited (“Union”) approval to construct approximately 7.43 kilometres of new natural gas plastic pipeline to provide natural gas service to the Delaware Nation at Moraviantown.

NPS 4 inch plastic pipeline commenced at Union’s existing pipeline on Norton Line in the Municipality of Chatham – Kent and travelled east along Norton Line and Knoll Road to School House Line. NPS 2 inch pipeline was installed along Lunaapeew Road, and then along School House Line to Little John Road and then ended at Corn Plant Road/Austin Line. All pipelines were installed within road allowances. 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 Moraviantown Natural Gas Pipeline Project on August 10, 2017 contingent upon Union Gas receiving grant funding or some other means of direct Aid-to-Construction to meet a minimum Profitability Index (PI) of 1.0. Union Gas applied for a grant from the Ontario Natural Gas Grant Program in July of 2017, and received approval for the funding in December of 2017, which allowed the project to proceed. Construction was initiated on July 3, 2018 and the pipeline was placed into service on July 30, 2018. Cleanup and land restoration was completed concurrently to construction, and was completed for the year on July 31, 2018.

Construction commenced at Norton Line with the installation of NPS 4 inch plastic pipeline and continued east along Knoll Road to Moraviantown. In parallel, a separate crew worked on the installation of NPS 2 inch pipeline along School House Road, Little John Road, Corn Plant Road, and Lunaapeew Road. Construction generally progressed with the following order of operations: flagging/staking, stringing, Ploughing/HDD, tie-ins, back filling, and clean-up.

Union will return to the right-of-way in spring 2019 to perform a general overview to ensure clean-up and restoration measures were successful and all disturbed areas 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 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 request approval 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 one (1) change – a layout change of the proposed pipeline on March 15, 2018. Union received Board approval for the change request on April 25, 2018. Union's change request and Board approval is 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;*

One paper copy and one electronic (searchable PDF) version of this Post Construction Report are provided to the Board. This report is certified by Mike Shannon, P. Eng., Vice President, Distribution Operations, that 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 and is confirmed by the signed letter of approval found in Appendix D.

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

Table 1 summarizes the impacts, 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 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*

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, few 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.

Union 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.*

Mike Shannon, P. Eng., Vice President, Distribution Operations, 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 signed letter of approval in Appendix D.

Union obtained the following environmental permits for construction:

**Lower Thames Valley Conservation Authority (LTVCA)**

- Clearance – no formal permit required from the LTVCA for watercourse crossings.

**Ministry of Tourism, Culture and Sport**

- Archaeology clearances under the MTCS File Number 0002992

| <b>Project Information Form<br/>Number</b> | <b>Stage</b> | <b>Location</b>  |
|--|--------------|--|
| P316-0314-2015, P316-0324-2015             | 1 - 2        | Entire Pipeline Route  |
| P316-0333-2017                             | 2            | Pipeline Route<br>(Lunaapeew Road)                             |
| P316-0350-2018                             | 2            | Pipeline Route<br>(Corn Plant Road<br>and Little John<br>Road) |

- 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.*

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 as per conditions in the Board Order EB-2015-0179. The report provides confirmation that Union has complied with the Conditions of Approval, and provides a description of the identified impacts of construction and the actions taken to mitigate such impacts. It is anticipated that these actions will effectively eliminate any long-term impacts to the environment.

If necessary, clean-up and land restoration of the pipeline route will continue in spring 2019.

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**

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

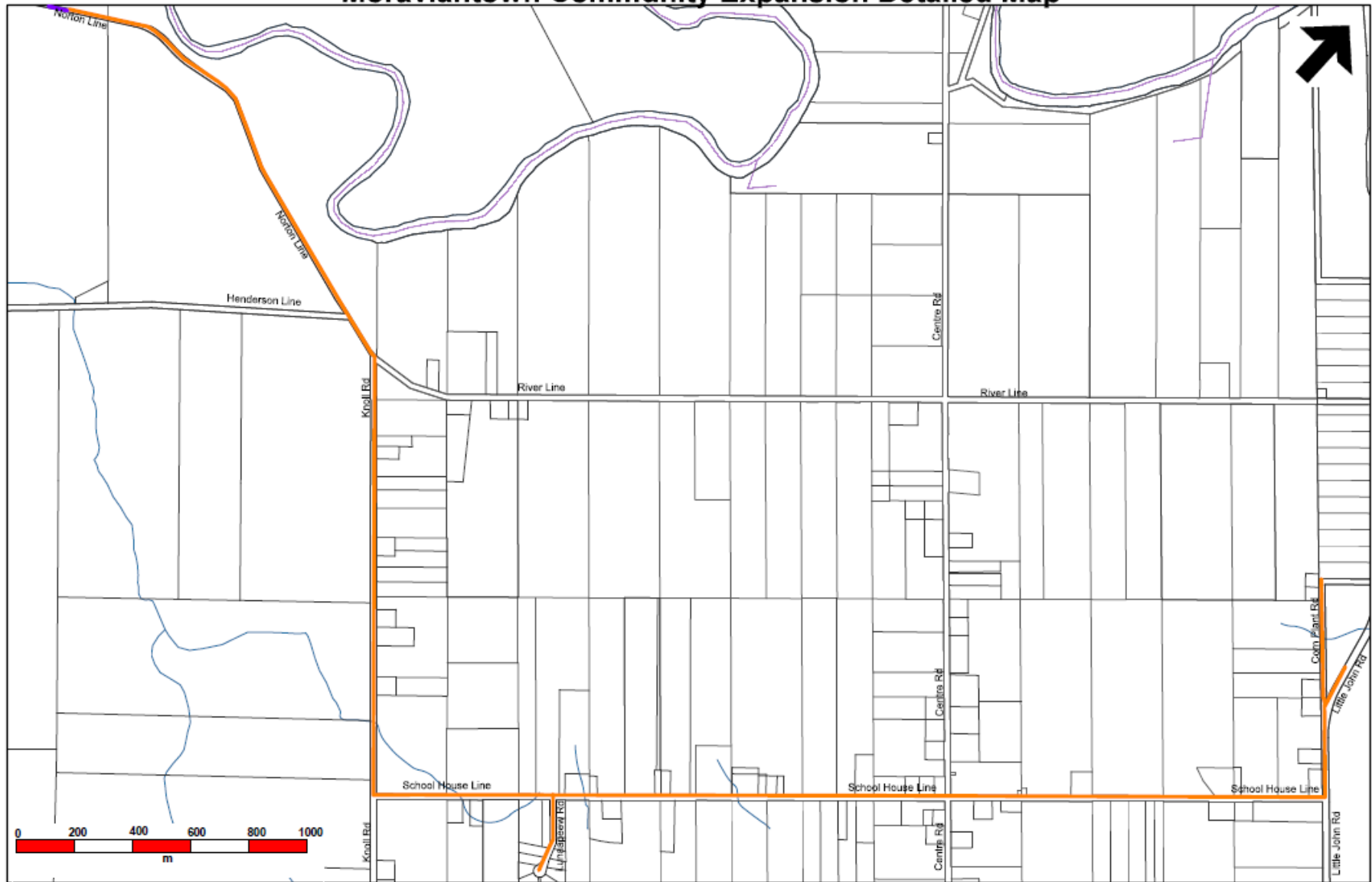
| <b>Table 1: Potential Impacts and Mitigation Measures</b> |  |  |
|---|--|--|
| <b>Issue</b>  | <b>Potential Impact</b>                          | <b>Mitigation Measure</b>  |
|   | Loss of control of animals inside fenced areas   | during construction.   |
| Front Yards   | Disruption to landowners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

| <b>Table 1: Potential Impacts and Mitigation Measures</b> |  |  |
|---|--|--|
| <b>Issue</b>  | <b>Potential Impact</b>  | <b>Mitigation Measure</b>  |
|   |  | were installed as required.  |
| Spills  | Public safety issue  | - No spills were identified during construction.   |
| Contaminated Soils  | Dealing with contaminated materials<br><br>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.<br>- Construction was suspended during 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**

### **Project Location Map**

# Moraviantown Community Expansion Detailed Map



Scale: 1:18,000  
 Municipality: Moraviantown District: Chatham  
 Drawing Number: 1 of 1 Drawn Date: 2018/02/27 Drawn By: M. Robson



## Legend

- Proposed Main
- Existing Main

This is a general area of proposed natural gas expansion. Project details and endpoints may be adjusted during construction.

The location of Union Gas facilities on the following drawing is approximate and is to be used for information purposes only. Union Gas reaffirms that this drawing should not be relied upon to determine the location of any Union Gas' facilities, exact locates can be determined by calling Ontario One Call 1-800-400-2255.

This document is to be used for viewing purposes only. It shall not guarantee gas supply or availability for a specific project. It is for demonstration purposes only indicating natural gas infrastructure.



## **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 Request and Approval**

March 15, 2018

**RESS & COURIER**

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
2300 Yonge Street, 27<sup>th</sup> 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:** Moraviantown Project  
Community Expansion Project

**OEB file Number:** EB-2015-0179

**Request to Vary:** 6

### **Description and Rationale for Change**

Union has changed the layout of the Proposed Pipelines to service Little John Road within the boundaries of the Moraviantown Project Area. This request can be completed without changing the Project economics filed as part of Union's pre-filed evidence.

A revised map showing the location where pipelines will be constructed for this Project can be found at Schedule 1.

### **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 this change with the Moraviantown First Nation who have not identified any concerns with this change.

### **Lands**

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

### **Costs**

Construction of this additional pipeline will increase the Project costs by approximately \$4,000. A DCF analysis for the Project remains above 1.

### **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 proposed pipeline is attached at Schedule 1.

Ontario Energy Board  
P.O. Box 2319  
27<sup>th</sup> 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<sup>e</sup> 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](mailto: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 Certifications**



Moraviantown Natural Gas Pipeline Project

EB-2015-0179

Decision and Order

August 10, 2017

I hereby certify that Union Gas Limited has constructed the facilities and restored the land in accordance with the OEB's Decision and Order in EB-2015-0179 and the Conditions of Approval, as per Condition 6 (a) (i).

Senior Executive

2018  
OCTOBER 16

Date

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 certification, by a senior executive of the company, of Union adherence to Condition 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.



Moraviantown Natural Gas Pipeline Project

EB-2015-0179

Decision and Order

August 10, 2017

I hereby certify that Union Gas Limited has obtained all other approvals, permits, licenses, and certificates required to construct, operate, and maintain the project as per Condition 6 (a) (v).

Senior Executive

2018  
OCTOBER 16

Date

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 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.

# **Appendix E**

## **Photograph Inventory**



1. The pipe was laid out adjacent to where it was installed alongside the road.



2. At least one lane of traffic was maintained at all times during construction. Flag persons and warning devices were used to notify traffic of construction in accordance with Ministry of Transportation standards.





3. Roadways and driveways were bored whenever practical to minimize disruption to local residents.



4. Where soil conditions allowed, the pipe was installed via ploughing which further reduced disturbance and potential environmental impacts.





5. The pipe was installed via Horizontal Directional Drilling (HDD) where it was more practical to do so. HDD greatly reduces the amount of tree and vegetation clearing required to install the pipe.



6. The pipeline arrived onsite and was installed off spools.