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VIA RESS, EMAIL and COURIER

March 15, 2018

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

**Re: Enbridge Gas Distribution Inc. (“Enbridge”)
EB-2016-0054 – Seaton Land Development Pipeline Project
Conditions of Approval – Final Monitoring Report**

In the Ontario Energy Board's Decision and Order issued on June 23, 2016, the Conditions of Approval requires Enbridge to file a Final Monitoring Report for the project no later than fifteen months after the in-service date.

The final in-service date was December 16, 2016, and requires Enbridge to file the Post Construction Report by March, 2018.

Enclosed please find the Final Monitoring Report for this project.

Any future developments will be communicated to the Board.

Please contact the undersigned if you have any questions.

Yours truly,

(Original Signed)

Stephanie Allman
Regulatory Coordinator

cc: Ms. Zora Cronojacki, OPCC Chair (via email)
Ceiran Bishop, Manager Supply and Infrastructure Applications Division (via email)

Enbridge Gas Distribution Inc.

Seaton Land Development Pipeline Project
March 15, 2017

Post-Construction Final Monitoring Report

Company: Enbridge Gas Distribution



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Introduction

On June 23, 2016, The Ontario Energy Board (“OEB” or the “Board”) granted Enbridge Gas Distribution Inc. (Enbridge) Leave to Construct under file number EB-2016-0054 for a natural gas pipeline to serve the Seaton Lands Development Project. This project is referred to further as the Seaton Development Project (“The Project”).

This is the final monitoring report for the Seaton Development Project.

As part of The Project, the following studies were completed to select a pipeline route, identify potential impacts resulting from construction, and prepare mitigative measures to minimize environmental and socio-economic impacts.

<u>Report Title</u>	<u>Conducted by:</u>	<u>Date</u>
Geotechnical Investigation and Hydrogeological Assessment	Stantec Consulting Limited	January 16, 2015
Stage 1 Archaeological Assessment: Proposed Natural Gas Pipeline to serve the Seaton Land Department	Stantec Consulting Limited	January 7, 2016
Proposed Natural Gas Pipeline to serve the Seaton Land Development: Environmental Report	Stantec Consulting Limited	March 8, 2016
Stage 2 Archaeological Assessment: Proposed Natural Gas Pipeline to Serve the Seaton Land Development (temporary workspace included)	Stantec Consulting Limited	July 11, 2016
Final Environmental Protection Plan; Natural Gas Pipeline to Serve the Seaton Land Development	Stantec Consulting Limited	September 8, 2016
Seaton Pipeline Project Cultural Heritage Assessment report	Stantec Consulting Limited	September 14, 2016
Interim Post Construction Environmental Monitoring Report	Enbridge Gas Distribution Inc.	March 17, 2017

Construction of the pipeline began on September 12, 2016 and substantial completion was achieved on December 22, 2016. The pipeline was energized on December 16, 2016. Enbridge filed, in accordance

with the Conditions of Approval (“COA”) for the project, notifications of these project milestones with the Board.¹

This Post Construction Report was prepared to satisfy the Conditions of Approval set out in Decision and Order EB-2016-0054, as follows:

6b) 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 Enbridge’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 Enbridge, 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.*

An Interim Post-Construction Environmental Monitoring Report was filed with the Board March 17, 2017², which detailed the effectiveness of actions taken that prevented or mitigated identified impacts of construction. The purpose of this report is to provide an update on the final, post-construction, environmental condition of the project site, including outstanding items that were identified in the Interim report, such as disturbed or impacted areas related to project construction activities. Enbridge has revisited these areas to ensure they are restored, and where necessary, identified corrective actions to achieve final restoration. Enbridge does not foresee any future issues resulting from past construction work on this project.

This report is limited to items that were identified during a site visit completed by Enbridge on October 23, 2017.

Project Description

The Seaton Development Project consisted of the installation of approximately 2.9 kilometers of Nominal Pipe Size 8-inch (“NPS 8”) steel pipeline and 500m of NPS 6-inch steel natural gas pipeline in North Pickering, in the Regional Municipality of Durham, Ontario. The pipeline originates east of the intersection of Brock Rd and Taunton Rd. The pipeline runs west along the south side of Taunton road where it terminates at the intersection of Sideline 24 and Taunton Road. The pipeline is located within a road allowance.

¹ Please refer to the letters dated November 10, 2016 and December 2, 2016.

² Refiled on March 21, 2017 with an updated appendix

Construction Effects and Mitigation Measures

All construction and rehabilitation activities complied with the Conditions of Approval set out in the LTC, including ensuring that the requirements of all approvals, permits, licenses and certificates, were fully addressed. In addition, these activities were conducted in accordance with Enbridge's Construction Policies and Procedures, including completion of a "Cumulative Effects Assessment". The assessment, included in Section 5.0 of the *Proposed Natural Gas Pipeline to Serve the Seaton Land Development: Environmental Report (ER)*, (prepared by Stantec and provided to the OEB), evaluated potential impacts and concerns ahead of time, and proposed mitigation measures to reduce and/or eliminate them.

Many of the potential environmental effects identified in the ER were avoided by locating the pipeline within road allowances and previously-disturbed utility corridors; and by using trenchless technologies. In addition, as was recommended in the ER, environmental inspectors were retained by Enbridge (via Stantec) to report on project status, monitor construction for potential environmental concerns, provide guidance on environmental protection and contribute to successful project completion.

Other potential adverse environmental effects were further reduced by observing fisheries timing restrictions to limit potential interaction during sensitive breeding/spawning periods, and reclaiming disturbed areas as soon as possible.

Environmental Inspection

In order to ensure that environmental commitments were honoured, a site inspection of the project area was performed by Stantec prior to construction activities to evaluate the area for any Species at Risk individuals and habitat. In addition, a qualified Environmental Monitor was also onsite to support construction by monitoring for potential risks to the natural environment. These environmental monitoring activities were undertaken during construction activities in the vicinity of environmentally sensitive habitats. For example the Environmental Monitor was present during the trenchless drilling of the Urfe and Ganatsekiagon Creeks where potential Species at Risk ("SAR") habitat was identified.

The Environmental Monitor was responsible for:

- Routine monitoring that ensured environmental protection measures were implemented as noted in the ER, permits and approvals;
- Identifying and providing direction to remediate any unexpected environmental occurrences (i.e., failure of environmental protection measures, damage to protection measures resulting from unexpected storms);
- Providing guidance to project staff during construction to protect the environment according to Enbridge policy and environmental approvals;
- Monitoring that commitments made during the Environmental Assessment and permitting process are carried out as planned and recommended additional protection measures, if required;

- Documented all environmental protection measures, deficiencies and methods to address environmental deficiencies carried out by project staff;
- Where required, acted as a liaison between Enbridge and environmental regulatory agencies when issues arise during construction;
- Conducted any additional environmental field programs as required (i.e., wildlife identification, spill response); and
- Cleared sites for construction where nesting activities are observed, as required during the breeding bird season (April 1 to August 20).

Residual Issues

Overall, construction activities were carried out with a high level of respect for the environment. Areas that were not able to be restored at the time of the Interim Monitoring Report submission were revisited in spring/summer 2017 to complete restoration works. At the completion of the Interim Monitoring Report there were nine areas that required a vegetation growth assessment and eight areas that required further remediation work. The eight sites requiring further remediation were revisited in spring/summer 2017. A final vegetation and site assessment was done in October 2017. See Appendix B for the photo log.

There are no unresolved issues that remain at the time of completion of this report for The Project. Further work in the area will be undertaken by other utility companies to also serve the Seaton Land development. Potential issues may arise as part of these construction works and will be the responsibility of other utility companies.

Landowner Comments and Complaints

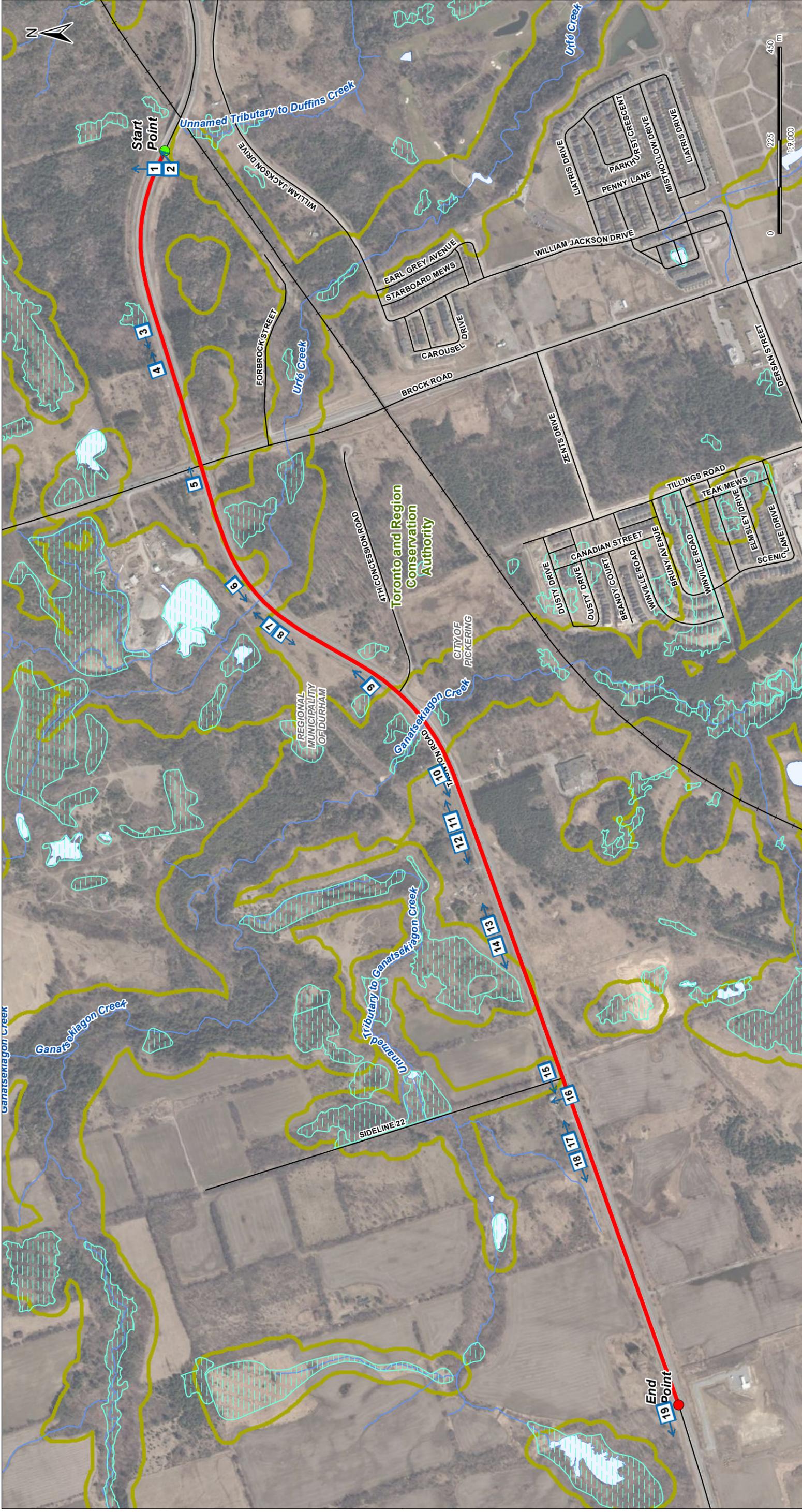
At the completion of the Interim Report there was one outstanding issue. For this item IO had requested to be notified when final restoration activities began. Dell Management (IO's property management company) was contacted in spring of 2017 when final restoration began. A site visit was scheduled with representatives from Enbridge and Dell in late spring 2017 to review final restoration of the entire project. There are no unresolved landowner comments or complaints associated with the construction of The Project at the time of completion of this report.

Summary

This Final Post-Construction Environmental Monitoring Report has been prepared in accordance with the OEB Decision Docket No. EB-2016-0054 Conditions of Approval (June 23, 2016). It documents the final conditions after construction and restoration activities completed as part of the installation of The Project throughout 2017. In general, measures implemented during construction and restoration activities have been successful.

Appendix A

LOCATION MAP



JULY 2016
160950837

Client/Project
Enbridge Gas Distribution Inc.
Natural Gas Pipeline to
Serve the Seaton Land Development

Figure No. **1.1**
Title

**Natural Gas Pipeline to Serve the
Seaton Land Development
Location Map**

Legend

- End Point
- Start Point
- Pipeline Route
- Unevaluated Wetland (per OWES)
- Waterbody
- Regulation Limits
- Photo number and direction
- Upper Tier Municipality
- Lower Tier Municipality
- Road
- Railway
- Watercourse



- Notes**
- Coordinate System: NAD 1983 UTM Zone 17N
 - Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2015.
 - Orthimagery © First Base Solutions, 2015.

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 Revised: 2016-07-22 By: searles

Appendix B

PHOTO LOG



Photo 1: Taunton Rd and Sideline 16 tie-in pit (looking north)



Photo 2: Taunton Rd and Sideline 16 tie-in pit (looking north-east)



Photo 3: Regulator Station east of Brock Rd (looking north-west)



Photo 4: Regulator Station east of Brock Rd (looking east)



Photo 5: West of Brock Rd (looking east).



Photo 6: East side of Urfe Creek (looking west).



Photo 7: West side of Urfe creek (looking east)



Photo 8: West side of Urfe Creek (looking west)



Photo 9: East side of Ganatsekiagon creek (looking west).



Photo 10: West side of Ganatsekiagon Creek (looking east).



Photo 11: West of Ganatsekiagon Creek looking east. Hydro corridor crossing.



Photo 12: 1420 Taunton Rd west of the Hydro corridor crossing (looking west)



Photo 13: Trans Northern Pipeline Inc. utility crossing west of 1420 Taunton Rd (looking east)



Photo 14: Trans Northern Pipeline Inc. utility crossing west of 1420 Taunton Rd (looking east)



Photo 15: Heritage building at 1290 Taunton Rd (looking west)



Photo 16: Heritage building at 1290 Taunton Rd (looking north)



Photo 17: West of 1290 Taunton Rd (looking east)



Photo 18: West of 1290 Taunton Rd (looking west)



Photo 19: Sideline 24 and Taunton Rd (looking west). (Photo taken August 2017)