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May 17, 2017

VIA RESS, EMAIL AND COURIER

Ms. Kirsten Walli
Ontario Energy Board
P.O. Box 2319
2300 Yonge Street, 27th Floor
Toronto, ON M4P 1E4

Dear Ms. Walli:

**Re: Enbridge Gas Distribution Inc. ("Enbridge")
EB-2014-0378 – Tecumseh Gas Storage Well TW#16H
Conditions of Approval – Final Monitoring Report**

On June 4, 2015 the Ontario Energy Board ("OEB") under docket number EB-2014-0378 recommended granting the well drilling licenses in the Wilkesport Pool: TW#15H (Horiz.#1) and TW#16H (Horiz.#1) to the Ministry of Natural Resources and Forestry ("MNRF").

Enclosed is the final monitoring report for TW#16H.

Please contact me if you have any questions.

Yours truly,

(Original Signed)

Stephanie Allman
Regulatory Coordinator

Attachment

cc: Ms. Zora Crnojacki, OPCC Chair (via email)
Ms. Nancy Marconi, Manager Facilities Applications, Board (via email)

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**ENBRIDGE GAS DISTRIBUTION INC.
POST-CONSTRUCTION
FINAL ENVIRONMENTAL MONITORING REPORT**

**TECUMSEH GAS STORAGE WELL TW#16H
EB-2014-0378**

Prepared by
Enbridge Gas Distribution Inc.
May 10, 2017

1.0 Introduction

On June 4, 2015 the Ontario Energy Board (“OEB”) under docket number EB-2014-0378 recommended granting the well drilling licences in the Wilkesport Pool: TW#15H (Horiz.#1), Sombra 3-15-XIII and TW#16H (Horiz.#1), Sombra 3-15-XIII to the Ministry of Natural Resources and Forestry (“MNRF”).

This is the final monitoring report for TW#16H¹.

Prior to the recommendation, Enbridge conducted the following studies to identify potential impacts resulting from construction, and prepared mitigative measures to minimize environmental and socio-economic impacts.

| <u>Report Title</u> | <u>Conducted by:</u> | <u>Date</u> |
|---|-----------------------------|--------------------|
| Environmental Report: Tecumseh Storage Enhancement Project – Storage Infill Drilling | Stantec Consulting Limited | March 2008 |
| Environmental Report Update Letter for Enbridge’s Wilkesport Natural gas storage wells TW15H and TW16H | Stantec Consulting Limited | February 2015 |
| Baseline Private Well Monitoring Program Wilkesport Natural Gas Storage Pool, Lambton County | Stantec Consulting Limited | February 2015 |
| Letter: Attention: Ministry of Natural Resources and Forestry Reference: Enbridge Wilkesport Wells TW15 and TW16 and NPS 16-inch Pipeline Updated Mitigation Plan | Stantec Consulting Limited | May 2015 |

Construction of this storage well began on June 15, 2015 and was completed on July 14, 2015. The storage well was commissioned on September 23, 2015.

On November 11, 2015, the OEB issued an order to vary the conditions of approval to extend the filing date of the Interim Monitoring Report of TW#16H from March 23, 2016 to May 23, 2016 and the Final Monitoring Report to May 23, 2017.

¹ The final monitoring report for TW#15H will be submitted later as it had a later in-service date. Please refer to the April 12, 2017 report to the Board.

This report has been prepared in accordance with OEB EB-2014-0378 Board Staff Conditions of Approval (June 4, 2015) and Revised Conditions of Approval (November 11, 2015) as described below:

- 3.1 Both during and after construction, Enbridge shall monitor the impacts of construction, and shall file four copies of both an interim and a final monitoring report with the OEB. The interim monitoring report shall be filed no later than May 23, 2016 and the final monitoring report shall be filed no later than May 23, 2017. Enbridge shall attach a log of all complaints to the interim and final monitoring reports. The log shall record the times of all complaints received, the substance of each complaint, the actions taken in response, and the reasons underlying such actions.
- 3.2 The interim monitoring report shall confirm Enbridge's adherence to Condition 1.1 and shall include a description of the impacts noted during construction and the actions taken or to be taken to prevent or mitigate the long-term effects of the impacts of construction. This report shall describe any outstanding concerns identified during construction.
- 3.3 The final monitoring report shall describe the condition of the rehabilitated land and the effectiveness of the mitigation measures undertaken. The results of the monitoring programs and analysis shall be included and recommendations made as appropriate. Any deficiency in compliance with any of the Conditions of Approval shall be explained.

An interim report was filed with the OEB on May 16, 2016. This report is limited to items that have been identified prior to May 10, 2017. This report will not review the items previously covered in detail, but will update on outstanding items, and disturbed or impacted areas due to construction activities. Enbridge has revisited these areas to ensure they are restored to their original state or better and does not foresee any future issues related to this construction.

2.0 Project Description

TW #16H storage well is one of two horizontal injection/withdrawal wells drilled to replace deliverability lost due to the abandonment of five wells in the Wilkesport Storage Pool. The Wilkesport Storage Pool is located primarily under Lots 14 and 15 and

Concession XIII in the Township of Sombra. TW#16H is located on the west side of Kimball Road, approximately 450 m south of White Line in the Township of Sombra, in the County of Lambton. Appendix A shows the storage well within a regional context.

3.0 Environmental Inspection

In order to ensure that environmental commitments were honoured, a site inspection of the project area was performed prior to construction by Stantec to evaluate the area for any Species at Risk individuals. In addition, a Project Manager was available for the duration of the project and a full time Wellsite Supervisor was onsite during construction.

The Project Manager was responsible for:

- providing advice regarding adherence to environmental specifications and commitments made in the previously mentioned documents and to regulatory agencies, including the OEB and MNRF;
- acting as a liaison with environmental regulators, government agencies and interest groups;

The Wellsite Supervisor was responsible for:

- providing advice to the Project Manager and all construction personnel regarding compliance with environmental legislation, regulations and industry standards;
- provide immediate advice regarding spill prevention and contingency (if necessary); and,
- ensure appropriate waste disposal of any non-hazardous and liquid industrial construction wastes.

4.0 Construction Effects and Mitigation Measures

Mitigation measures which were implemented to minimize the potential environmental effects from the construction of TW#16H were documented in Table 1 of the interim report that was filed May 16, 2016. All activities were conducted in adherence to the contract documentation and Enbridge Construction Policies and Procedures. Photos of TW#16H taken on May 10, 2016 are found in Appendix B.

5.0 Residual Issues

Overall, construction activities were carried out with a high level of respect for the environment. There are no unresolved issues that remain at the time of completion of this report for the TW#16H storage well.

6.0 Landowner Comments and Complaints

There were no landowner comments or complaints associated with the construction of the TW#16H storage well.

7.0 Summary

This Final Post-Construction Environmental Monitoring Report has been prepared in accordance with the OEB Decision Docket No. EB-2014-0378 and Revised Conditions of Approval (November 11, 2015). It documents construction and restoration activities completed as part of the drilling operation for gas storage well TH#16H during the summer and fall of 2016. In general, measures implemented during construction and site restoration have been successful.

APPENDIX A
STORAGE WELL LOCATION MAP

APPENDIX B

PHOTO LOG

Photo 1: TW#16H Looking South



Photo 2: TW#16H Looking East



Photo 3: TW#16H Looking North



Photo 4: TW#16H Looking West

