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**VIA RESS, EMAIL and COURIER**

June 6, 2019

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

**Re: Enbridge Gas Inc. ("Enbridge Gas")  
EB-2016-0378 – Tecumseh Gas Storage Well TC9H/TC9H2  
Conditions of Approval – Post-Construction Final Monitoring Report**

In the Ontario Energy Board's Decision and Order issued on May 4, 2017, the Conditions of Approval requires Enbridge to file a Post-Construction Final Monitoring Report for the project 15 months after the in-service date which shall also include certification by a senior executive of the company.

Enclosed please find the Post-Construction Final Monitoring Report and executed certificate 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)

# Enbridge Gas Inc.

TECUMSEH GAS STORAGE WELL TC9H/TC9H2

June 6, 2019

## Post-Construction Final Monitoring Report

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Company: Enbridge Gas Inc.





# Table of Contents

Introduction .....3

Project Description .....4

Environmental Inspection .....4

Construction Effects and Mitigation Measures.....5

Residual Issues .....5

Landowner Comments and Complaints .....5

Summary.....5

Appendix A .....6

    STORAGE WELL LOCATION MAP .....6

Appendix B .....8

    PHOTO LOG.....8

## Introduction

On March 10, 2016, under docket number EB-2015-0303, the Ontario Energy Board (“OEB”) recommended to the Ministry of Natural Resources and Forestry (“MNRF”) the granting of a well drilling license in the Corunna Designated Storage Area (“DSA”) for one horizontal Injection/Withdrawal (“I/W”) well (identified as TC9H) . After drilling TC9H, it was determined that the well did not provide the needed deliverability as a result of not reaching the porosity zone expected from seismic analysis. Further analysis indicated that drilling a second leg would be required. Well TC9H was not connected to the gathering system.

On May 4, 2017, the OEB issued the *EB-2016-0378 Report of the Ontario Energy Board to the Minister of Natural Resources and Forestry* (the “Report”) which recommended granting a well drilling license in the Corunna DSA for the second leg in well TC9H known as TC9 (Horiz.#2) Moore 4-2-10 (TC9H2) to the MNRF. This is the Final post construction report for all drilling activities for gas storage well TC9H/TC9H2. This post construction report has been prepared in accordance with the Conditions of Licence set out in the Report.

Prior to the OEB’s recommendation to the MNRF, Enbridge Gas Inc. (Enbridge Gas) retained Stantec Consulting Limited (Stantec) to conduct the following studies to identify the potential for construction impacts and to develop appropriate mitigation measures to minimize environmental and socio-economic impacts.

<u>Report Title</u>	<u>Conducted by:</u>	<u>Date</u>
Dow Moore, Corunna and Seckerton Pipeline Project, Environmental Report	Stantec Consulting Limited	November 2010
NEXUS Pipeline Project – Corunna Gathering Pipeline Environmental Screening Report	Stantec Consulting Limited	April 2011
Project NEXUS Phase 1 Environmental Protection Plan – REV2	Stantec Consulting Limited	June 2011
Letter: Attention: Ministry of Natural Resources Reference: Permit AY-B-011-11 under Section 17(2)(b) of the Endangered Species Act, 2007 for Butler’s Garter Snake Surveys for the Dow Moore, Corunna, Seckerton Pipeline Follow-up Report	Stantec Consulting Limited	August 9, 2011
Corunna 3 Horizontal Well and Pipeline: Environmental Screening Report	Stantec Consulting Limited	December 3, 2015
Letter: Attention: Ms. Kathy McConnell, Manager Reservoir Development Reference: Review of Water Supply Wells Corunna Natural Gas Storage Pool, Lambton County	Stantec Consulting Limited	January 11, 2016

Drilling of TC9H began on May 17, 2016 and was completed on June 21, 2016, however, was not connected to the gathering system due to the reasons mentioned above.

Drilling of TC9H2 began on May 10, 2017 and was completed on May 19, 2017. TC9H2 was put into service on December 14, 2017.

This report is limited to items that have been identified since the submission of the interim post-construction report on March 15, 2018 and prior to May 30, 2019. This report will summarize final restoration activities and address any outstanding issues if identified.

## Project Description

Gas storage well TC9H/TC9H2 is a horizontal I/W well drilled to replace lost deliverability due to the abandonment of two gas storage wells and the conversion of one gas storage well in the Corunna DSA to an observation well. The Corunna DSA is located on Lots 18 to 20, Concession 10 and 11, St. Clair Township, County of Lambton, Ontario. Storage well TC9H/TC9H2 is located on the east side of Lot 20, southwest of the intersection of Petrolia Line and Tecumseh Road. TC9H2 was drilled in the same location as TC9H, therefore, had the same construction/operational footprint.

Appendix A shows the storage well within a regional context.

## Environmental Inspection

In adherence to Section 5.a.iii. of the Conditions of Licence, Species at Risk ("SAR") awareness training was conducted as part of the Site Specific Safety Orientation. Based on the findings in *Corunna 3 Horizontal Well and Pipeline: Environmental Screening Report* completed by Stantec, SAR habitat was not present in the work area and therefore SAR sightings were not anticipated, however, as a precautionary measure this training was implemented. 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;
- providing immediate advice regarding spill prevention and contingency (if necessary); and,
- coordinating appropriate disposal of any non-hazardous and liquid industrial construction wastes.

## Construction Effects and Mitigation Measures

Mitigation measures which were implemented to minimize the potential environmental effects from the construction of gas storage well TC9H/TC9H2 are documented in Table 1 of the interim monitoring report filed March 15, 2018. All activities were conducted in adherence to the contract documentation and Enbridge Construction Policies and Procedures. Photos of gas storage well TC9H/TC9H2 taken on May 30, 2019 are found in Appendix B.

## 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 gas storage well TC9H/TC9H2.

## Landowner Comments and Complaints

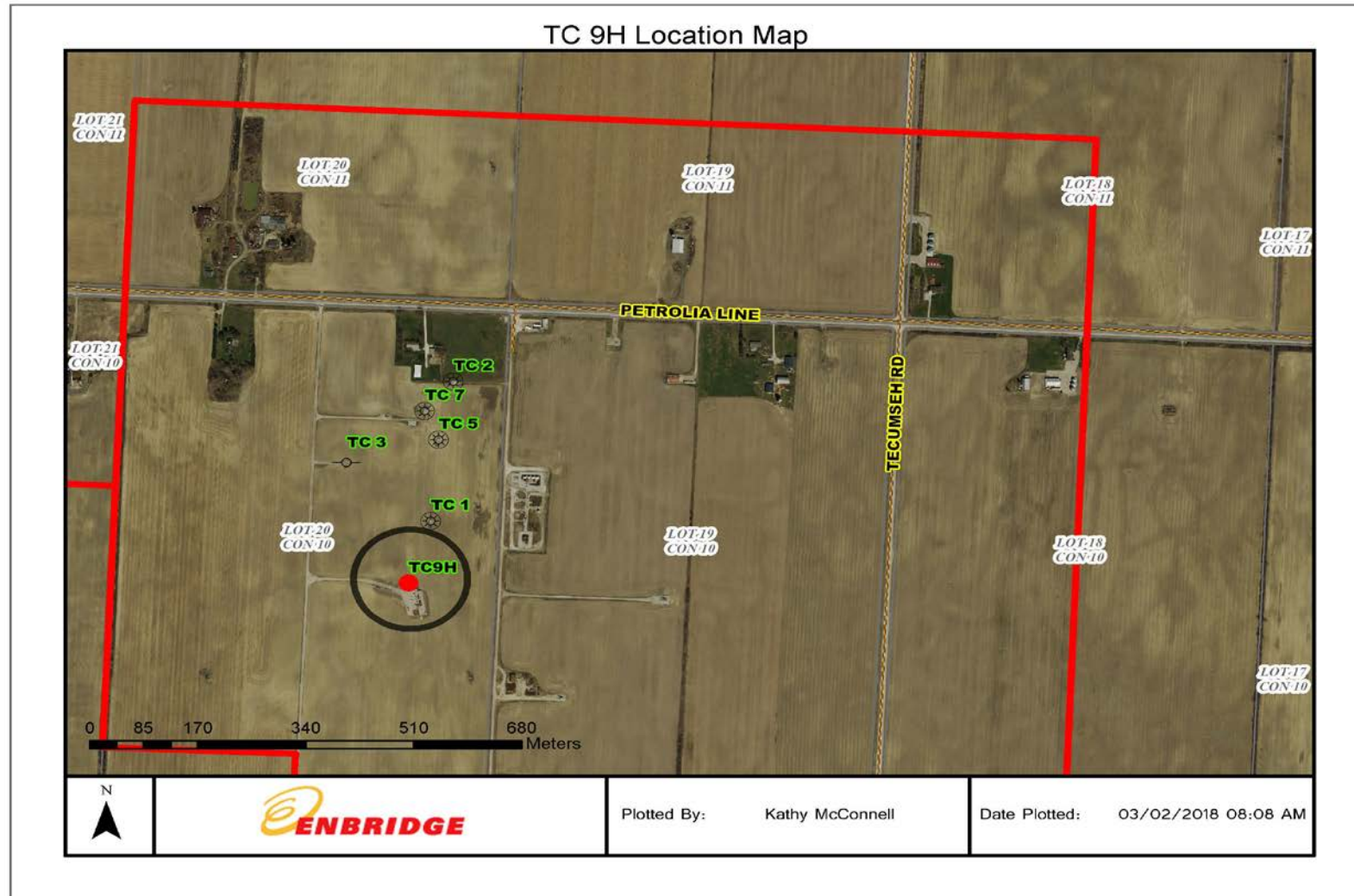
There have been no landowner comments or complaints associated with the construction of TC9H/TC9H2 since the filing of the Interim report.

## Summary

This Final Post-Construction Environmental Monitoring Report has been prepared in accordance with the OEB Decision Docket No. EB-2016-0378 Conditions of Approval (May 4, 2017). It documents the final conditions after construction and restoration activities were completed as part of the drilling operation for gas storage well TC9H/TC9H2. In general, measures implemented during construction and site restoration have been successful.

## Appendix A

### STORAGE WELL LOCATION MAP



**Figure 1: Location Map of Gas Storage Well TC9H/TC9H2**



## Appendix B

### PHOTO LOG

**Figure 1: TW#15H Looking North (photo taken May 30, 2019)**



**Figure 2: TW#15H Looking South (photo taken May 30, 2019)**



**Figure 3: TW#15H Looking West (photo taken May 30, 2019)**



**Figure 4: TW#15H Looking East (photo taken May 30, 2019)**



## Enbridge Gas Inc. Officer's Certificate

Re: EB-2016-0378 Report of the Ontario Energy Board to the Minister of  
Natural Resources and Forestry

To: the Ontario Energy Board

I, MICHAEL SHANNON of Chatham, in the Province of Ontario, acting in my position as a senior executive of Enbridge Gas Inc. (EGI) and not in my personal capacity, to the best of my knowledge do hereby certify as follows:

1. My position with EGI is VICE PRESIDENT  
STO + IMO, and as such I have personal knowledge of, or have conducted due inquiry of individuals who have personal knowledge of, the facts and matters herein stated.
2. EGI has relied on the evidence filed in the EB-2016-0378 proceeding and complied with applicable laws, regulations and codes with respect to conducting restoration and post-construction activities for well TC9H/TC9H2, as documented in the enclosed Post-Construction Final Monitoring Report dated May 31, 2019.

Name:   
MICHAEL P SHANNON

Title: VP, STORAGE + TRANSMISSION  
AND THE INTEGRATION MGMT OFFICE

Date: 2019 JUNE 05