

500 Consumers Road
North York, Ontario
M2J 1P8
PO Box 650
Scarborough ON M1K 5E3

Bonnie Jean Adams
Regulatory Coordinator
Telephone: (416) 495-5499
Fax: (416) 495-6072
Email: EGDRRegulatoryProceedings@enbridge.com



May 30, 2011

VIA COURIER

Ms. Kristen Walli
Board Secretary
Ontario Energy Board
2300 Yonge Street
27th Floor
Toronto, Ontario
M4P 1E4

Dear Ms. Walli:

**Re: Enbridge Gas Distribution Inc. ("Enbridge")
Storage Infill Drilling Application
Ontario Energy Board File No. EB-2007-0891/EB-2008-0387
Interim Monitoring Report**

On January 23, 2009 the Ontario Energy Board (the "Board") issued the Decision with Reasons for the above noted proceeding. The Decision included the Conditions of Approval for the project.

In accordance with Sections 4.1 and 4.2 of the Conditions of Approval issued in the Board's Decision, the Board required that Enbridge file an interim monitoring report within 6 months of the in-service date of the project.

The in-service date for the final component of the project (TWK#14) was June 22, 2010. The Interim Monitoring Report for TWK#14 would be due to the Board by December 22, 2010. On November 9, 2010, Enbridge filed a letter with the OEB requesting an extension to extension to the filing date for the interim monitoring report until May 2011.

Enclosed please find the interim monitoring report for the above noted project.

If you have any further questions, please contact the undersigned.

Yours truly,

A handwritten signature in blue ink that reads 'Bonnie Jean Adams'.

Bonnie Jean Adams
Regulatory Coordinator

cc: Mr. Neil McKay, Ontario Energy Board, Manager, Facilities
Ms. Wendy Sullivan, Ministry of Natural Resources

**ENBRIDGE GAS DISTRIBUTION INC.
POST-CONSTRUCTION
ENVIRONMENTAL MONITORING REPORT NO.1**

**TECUMSEH GAS STORAGE WELL TW#14H
EB-2007-0891 and EB-2008-0387**

Prepared by
Enbridge Gas Distribution Inc.
May 30, 2011

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1.0 Introduction

In the winter of 2009 the Ontario Energy Board (“OEB”) under docket number EB-2007-0891 and EB-2008-0387 granted Enbridge Gas Distribution Inc. (“Enbridge”) Leave to construct and operate a natural gas storage well (TW#14H) in the Wilkesport and Coveny Storage Pool. Prior to obtaining approval, Enbridge conducted the following studies to 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>
Environmental Report: Tecumseh Storage Enhancement Project – Storage Infill Drilling	Stantec Consulting Limited	March 2008

Construction of this storage well began on May 4, 2010 and was completed on June 4, 2010. The storage well was commissioned on June 22, 2010. A pipeline to connect TW#14H to the existing natural gas storage pipeline infrastructure was completed in January 2011.

On November 9, 2010, Enbridge filed a letter with the OEB requesting an extension to extension to the filing date for the interim monitoring report until May 2011.

This report has been prepared in accordance with OEB EB-2007-0891 and EB-2008-0387 Board Staff Proposed Conditions of Approval 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 Board and the Ministry of Natural Resources. The interim monitoring report shall be filed within six months of the in-service date, and the final monitoring report shall be filed within fifteen months of the in-service date. Enbridge shall attach a log of all comments and complaints that have been received to the interim and final monitoring reports. The log shall record the times of all comments and complaints received, the substance of each comment and 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.

This report is limited to items that have been identified prior to May 2011. Items addressed after this date will be identified in the final Post-Construction Environmental Monitoring Report. This report will summarize actual construction procedures and identify any significant deviations from proposed construction activities.

2.0 Project Description

Tecumseh Wilkesport #14H storage well is one component of the Storage Infill Drilling Project which is one part of the Tecumseh Storage Enhancement Project designed to meet demand for high deliverability storage services in Ontario. The Wilkesport Storage Pool is located primarily under Lots 14 and 15 and Concession XIII in the Township of Moore. TW#14H is located on the west side of Kimball Road, approximately 800 m south of Black Creek Line in the Township of Moore, 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 and that the best industry practices were used, a full time inspector was onsite. In general, the duties of the inspector included the following items:

- provide advice to the Project Manager and all construction personnel regarding compliance with environmental legislation, regulations and industry standards;
- provide advice regarding adherence to environmental specifications and commitments made in the previously mentioned documents and to regulatory agencies, including the OEB and Ministry of Natural Resources;

- act as a liaison with environmental regulators, government agencies and interest groups;
- provide immediate advice regarding spill prevention and contingency; and,
- ensure appropriate waste disposal of any hazardous construction wastes.

4.0 Construction Effects and Mitigation Measures

Construction effects and mitigation measures which were implemented to minimize the potential effects the construction of the TW#13H are summarized in Table 1. Photos of TW#13H taken in August 2009 are found in Appendix B. All activities were conducted in adherence to the contract documentation and Enbridge Construction Policies and Procedures

Table 1.
Construction Effects and Mitigation Measures

Activity	Duration	Potential Effect	Mitigation Measures
Vegetation Cover	Throughout Construction (May 2010 - January 2011)	Permanent removal of vegetation. Aesthetic degradation. Changes in surface drainage patterns affecting amount of water available. Changes to sunlight or wind exposure regimes.	Limits of work area marked to minimize encroachment into vegetated areas.
Topsoil Handling	Throughout Construction	Disruption of surface and subsurface soils. Soil mixing may result in loss of productivity.	Contractor stripped topsoil and stockpiled separately from subsoil. Mixing of soils was minimized. Segregated topsoil was replaced on surface following construction. Topsoil was tilled prior to cultivation.
Bedrock	Throughout Construction	Large amounts of drill cuttings and fluids are encountered and removed from the drill hole. Rock materials in drill cuttings are mostly limestone and dolomite with some shale and salt.	Drill fluids were collected in holding tanks and allowed to settle. Fluid was recycled and used again. Remaining fluid was solidified with a bonding agent and disposed of according to MOE Regulations.

Table 1.
Construction Effects and Mitigation Measures

Activity	Duration	Potential Effect	Mitigation Measures
Climate	Throughout Construction	Heavy rainfall may result in flooding of adjacent lands, erosion and compaction and rutting (if construction persists). High winds may erode loose soil material, including topsoil and create nuisance dust.	During wet soil conditions construction on agricultural lands were suspended. Work resumed only upon approval by Chief Inspector. Nuisance dust was controlled by applying water to work area (if required).
Groundwater	Throughout Construction	During well drilling the water table may be breached and the supply of water to adjacent water wells be affected temporarily.	The adjacent water wells were not affected during construction.
Noise	Throughout Construction	Disturbances to sensitive receptors (i.e. residents).	Construction equipment conformed to guidelines for sound and emission levels.
Spills	Throughout Construction	Contamination of air, soil, surface water or ground water. Inconvenience to landowners and public	As required, contractor had spill containment kits at the project site.
Pipe Energizing	January 2011	Inconvenience and/or negative health effects to nearby landowners and the public.	Energizing was completed in accordance with Enbridge Policies and Procedures.
Clean-Up	Throughout Construction	Restores the storage well easement to pre-construction conditions.	Clean up activities were conducted in accordance with the Enbridge Construction Manual.

5.0 Residual Issues

Overall, construction activities were carried out with a high level of respect for the environment.

There is only one unresolved issue that remain at the time of completion of this report (May 2011) for the TW#14H gas storage well. This issue will need to be addressed prior to the filing of the final monitoring of the pipeline route.

5.1 Topsoil Replacement

Prior to construction, topsoil was removed and segregated to the edges of the work area. At present, 20% of the topsoil has not yet been replaced. Due to adverse weather conditions (i.e. heavy snow and continual rains) there has not been an opportunity to complete the replacement of the topsoil as the ground can not support the weight of the heavy equipment required. Enbridge is planning to wait until the subsoil is dried out before the topsoil is replaced. The anticipated date of completion is July 2011.

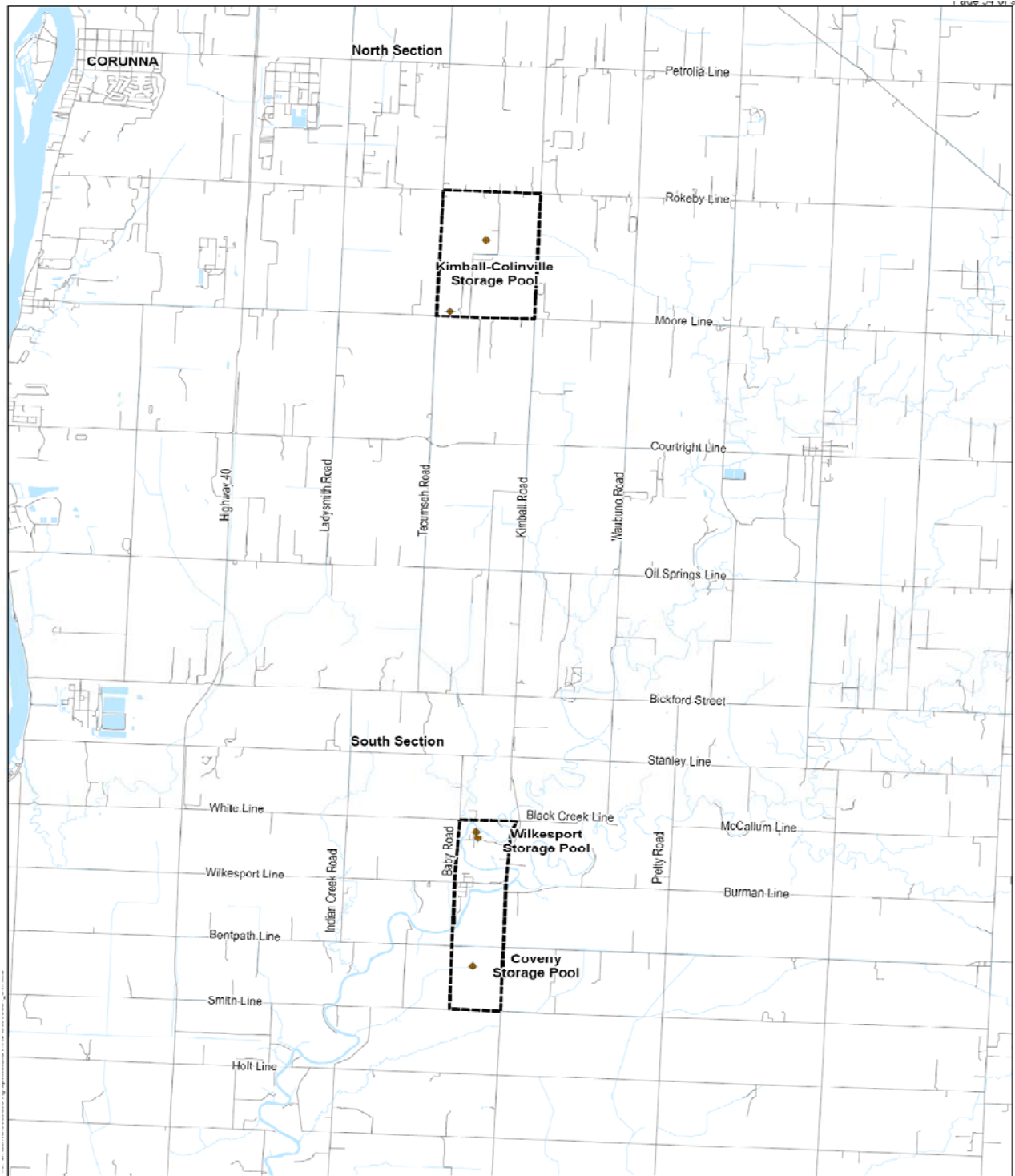
6.0 Landowner Comments and Complaints

There were no landowner comments or complaints associated with the construction of the TW#14H gas storage well.

7.0 Summary

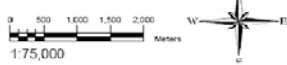
This Interim Post-Construction Environmental Monitoring Report has been prepared in accordance with the OEB Decision Docket No. EB-2007-0891 and EB-2008-0387. It documents construction and clean-up activities during the winter of 2010. In general, measures implemented during construction and clean-up have been successful. One outstanding issue will be addressed in the Final Post-Construction Environmental Monitoring Report that will be prepared in the spring of 2011. This report will document continued remediation activities if needed, and address additional issues that may arise.

APPENDIX A
STORAGE WELL LOCATION MAP



Source: IHS 2006

- Study Area
- Proposed Well Location



PREPARED FOR:
TECUMSEH STORAGE ENHANCEMENT PROJECT
STORAGE INFILL DRILLING

FIGURE NO. 1.0

STUDY AREA MAP

Initiated: March, 2008
Revised:

APPENDIX B
PHOTO LOG



Photo 1 – TW#14H; looking north



Photo 2 – TW#14H; looking northeast



Photo 3: Looking north; segregated topsoil at edges of work area



Photo 4: Looking north; standing water surrounding TW#14H



Photo 5: Looking north; segregated topsoil at edges of work area