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May 25, 2009

VIA COURIER

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

**Re: Enbridge Gas Distribution Inc. ("Enbridge")
EB-2007-0745 Alfred and Plantagenet Leave to Construct Application
Interim Monitoring Report**

On July 11th, 2008, the Ontario Energy Board issued the Decision and Order for the above noted proceeding. The Decision and Order included the Conditions of Approval for the project.

As per Appendix B, paragraph 31. and 3.2, of the Conditions of Approval, in the Board's Decision and Order, enclosed please find four copies the Interim Monitoring Report for the above noted proceeding.

If you have any questions, please contact the undersigned.

Yours truly,

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

Bonnie Jean Adams
Regulatory Coordinator

cc: Neil McKay, Ontario Energy Board (via email)

**ENBRIDGE GAS DISTRIBUTION INC.
POST-CONSTRUCTION
ENVIRONMENTAL MONITORING REPORT NO.1
PIPELINE TO SERVE ALFRED AND PLANTAGENET
EB-2007-0745**

Prepared by
Enbridge Gas Distribution Inc.
May 25, 2009

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1.0 Introduction

In the summer of 2008 the Ontario Energy Board (“OEB”) under docket number EB-2007-0745 granted Enbridge Gas Distribution Inc. (“Enbridge”) Leave to construct and operate an NPS 6 (6 inch diameter) and NPS 4 natural gas pipeline to serve parts of Township of Alfred and Plantagenet and the Township of Champlain. Prior to obtaining approval, Enbridge conducted the following studies 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>
Stage 1 Archaeological Assessment, Proposed Pipeline to Serve the Communities of Alfred and Plantagenet, Ontario	Jacques Whitford Limited	November 29, 2007
Final Report, Environmental Assessment of a Proposed Pipeline to Serve the Communities of Alfred and Plantagenet, Ontario	Jacques Whitford Limited	December 19, 2007

Construction of this pipeline began on July 24, 2008 and was completed on October 30, 2008. The pipeline was commissioned on October 30, 2008.

This report has been prepared in accordance with OEB EB-2007-0745 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. 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 complaints that have been received 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 each action.
- 3.2 The interim monitoring report shall confirm Enbridge 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 any rehabilitated land and the effectiveness of the mitigation measures undertaken. The results of the monitoring programs and analysis shall be included and any 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 April 2009. 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

The Pipeline to serve the Communities of Alfred and Plantagenet was constructed to provide a reliable supply of natural gas to meet the needs of the Townships of Alfred, Plantagenet and Champlain. The pipeline is approximately 32 kilometers (km) in length. Appendix A shows the constructed pipeline 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, Construction Inspector, 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;
- provide advice on erosion protection measures to be taken in sensitive locations in vicinity of watercourse crossing;
- 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 Toronto Port Lands Reinforcement Project: North End are summarized in Table 1. 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	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 adjacent wooded areas or vegetated areas. Majority of construction completed within existing road allowance.
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 during backfilling.
Bedrock	Throughout Construction	If blasting, may impact users of drilled water wells (i.e. water supply disruptions)	Utilize hoe-ram or ripper for trenching activities, especially in northern section of the route.
Watercourse Crossing	Throughout Construction	Disruption of watercourse through siltation and sedimentation. Erosion of channel banks and loss of vegetation cover. Contamination of surface water. Interruption of subsurface drainage along pipeline trench.	Several small watercourses and the South Nation River will be crossed by the pipeline route. Crossings were completed by directional drill. Watercourse crossing permit was obtained from the South Nation Conservation Authority. Sediment fencing installed to prevent sedimentation and siltation. Note: Crossing of the South Nation River was completed by aerial span.

Table 1.
Construction Effects and Mitigation Measures

Activity	Duration	Potential Effect	Mitigation Measures
Traffic Control	Throughout Construction	Exposure of construction crews to vehicular traffic.	Contractor to ensure Enbridge traffic control plan has been completed and has been set up in accordance with the prescribed Traffic Layout.
Road Crossings	Throughout Construction	Open cut roads inconvenience motorists and traffic flow. Restricted access to businesses and residences.	Road crossings were completed by open cut trenching or directional drill. Crossings were conducted during times of low traffic volume to avoid congestion. Warning signs and barricades set up to increase visibility and prevent public access.
Noise	Throughout Construction	Disturbances to sensitive receptors (i.e. residents, seniors' homes, schools).	Construction equipment conformed to guidelines for sound and emission levels.
Archaeological Monitoring	Throughout Construction	Disturbance and potential destruction of archaeological artifacts.	Jacques Whitford conducted a Stage 1 Archaeological Assessments prior to construction to identify areas of high potential for artifacts. Construction within limits of ROW will minimize potential for encountering archaeological artifacts.
Trenching and Excavation	Throughout Construction	Open trenches present a hazard to vehicular and pedestrian traffic. Restricts access. Sedimentation into storm sewers.	Protective barricades (i.e., snow fence, concrete barriers) were erected around trenches and excavations during construction activities. Permeable fabric barriers were installed beneath all storm sewer covers to minimize sediment infiltration.
Utility Crossings	Throughout Construction	Minimum distance separation from buried or above-ground services may not provide sufficient room within the Hydro ROW for the installation of a gas pipeline; damage to utilities may inconvenience landowners	In accordance with the Enbridge Policies and Procedures, locates were obtained prior to any excavation work. Warning signs posted in vicinity of overhead power lines
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.

Table 1.
Construction Effects and Mitigation Measures

Activity	Duration	Potential Effect	Mitigation Measures
Hydrostatic Testing	September 2008	Disruption of water supply to landowners or emergency services. Uncontrolled discharge of water could cause erosion, sedimentation and contamination of surface water supplies.	No significant adverse environmental effects resulted from the hydrostatic testing and dewatering procedures.
Pipe Energizing	October 2008	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 pipeline easement to pre-construction conditions.	Clean up activities were conducted in accordance with the Enbridge Construction Manual. Restoration of the Hydro ROW north of Sheppard Avenue will be completed following additional work. Additional construction work is required in the vicinity of the Jonesville Station (end point) and restoration will be subsequently completed. Results of the clean-up program will be examined again in the spring of 2010.

5.0 Residual Issues

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

Since portions of the pipeline Right-Of-Way (R.O.W) are located within the road allowance, there may, in the future, be some degradation caused by vehicular traffic and littering that is not a result of construction.

5.1 Revegetation

Vegetation has re-established along the majority of the road allowance where it was disturbed due to construction. However, some sections will require additional restoration and revegetation, these include:

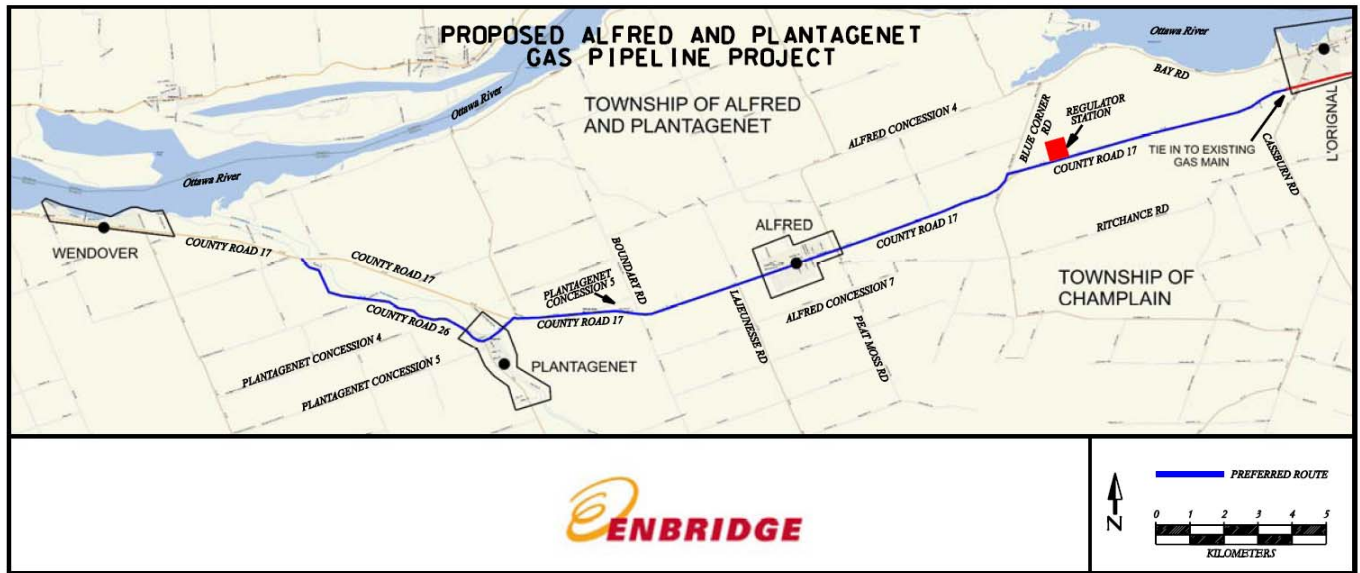
- 1040 Highway 17, Ivaco Rolling Mills (Tie-In Location);
- 2231 Highway 17;
- 3144 Highway 17 (Regulator Station);
- 114 Highway 17, Alfred and Plantagenet; and,
- Highway 17 and Charlebois Street (southwest corner), Alfred and Plantagenet.

These sections will require monitoring over the next year to identify the success of revegetation efforts and to identify areas that will require further efforts.

6.0 Summary

This Interim Post-Construction Environmental Monitoring Report has been prepared in accordance with the OEB Decision Docket No. EB-2007-0745. It documents construction and clean-up activities between the winter (2008) and spring (2009). 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 2010. This report will document continued remediation activities if needed, and address additional issues that may arise.

APPENDIX A
PIPELINE ROUTE MAP



APPENDIX B
PHOTO LOG



Photo 1 – 1040 Highway 17, Ivaco Rolling Mills (Tie-In Location)



Photo 2 – 1040 Highway 17, Ivaco Rolling Mills (Tie-In Location)



Photo 3: Looking west; 1528 Highway 17



Photo 4: Looking west; 2231 Highway 17



Photo 5 – Looking west; approximately 6 kilometres (km) from Ivaco Rolling Mills



Photo 6 – 3144 Highway 17; Regulator Station



Photo 7 – Looking west; NPS 6 is approximately 3 m away from asphalt edge



Photo 8 – Looking west; set up area for watercourse crossing



Photo 9 – Looking west; Highway 17 and Peladeau Road



Photo 10 – 114 Highway 17, Alfred and Plantagenet



Photo 11 – Highway 17 and Charlebois Street, Alfred and Plantagenet



Photo 12 – 1151 Country Road 26



Photo 13 – Looking north; County Road 26 at Highway 17