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May 28, 2009

VIA COURIER

Ms. Kirsten Wallii
Board Secretary
Ontario Energy Board
PO Box 2319
2300 Yonge Street, Suite 2700
Toronto, On M4P 1E4

Dear Ms. Walli:

Re: Enbridge Gas Distribution Inc. ("Enbridge")
EB-2006-0305 - Toronto Portlands Reinforcement
Application for a Leave to Construct
Final Monitoring Report – North Section

In Sections 3.1 and 3.3 of the Conditions of Approval in the Board's Decision and Order issued on June 1, 2007, the Board required that Enbridge file a final monitoring report within 15 months of the in-service date of the project.

The in-service date for the project was October 9, 2008 and in accordance with the Conditions of Approval, would have made the final monitoring report due by January 9, 2010. As it would have been difficult to conduct a proper assessment during the winter months, on November 3, 2009, Enbridge requested and was granted an extension until May 2010 for the filing of the final monitoring report for the project.

Enclosed please find the final monitoring report for the project.

This completes the Conditions of Approval requirements of the Board's Decision and Order for the Toronto Portlands Reinforcement.

If you require further information, please contact the undersigned.

Yours truly,

Bonnie Jean Adams
Regulatory Coordinator

cc: Mr. Neil McKay, Ontario Energy Board, Manager, Facilities (via courier/email)

ENBRIDGE GAS DISTRIBUTION INC.
POST-CONSTRUCTION
ENVIRONMENTAL MONITORING REPORT NO.2

TORONTO PORT LANDS REINFORCEMENT PROJECT: NORTH END
EB-2006-0305

Prepared by
Enbridge Gas Distribution Inc.
May 25, 2010

Table of Contents

Description

1.0 Introduction Page 1
2.0 Project Description Page 2
3.0 Environmental Inspection Page 3
4.0 Complaint Log Page 3
5.0 Construction Effects and Mitigation Measures Page 4
6.0 Residual Issues Page 6
6.1 Vegetation Page 7
6.2 Revegetation Page 7
6.3 Sediment Fencing Page 7
7.0 Summary Page 7

Appendices

APPENDIX A: PIPELINE ROUTE MAP Page 8
Figure 1: Map of Toronto Port Lands Reinforcement Project: North Section Page 9
APPENDIX B: COMPLAINT LOG Page 10
APPENDIX C: PHOTOLOG Page 13

1.0 Introduction

On June 1, 2007 the Ontario Energy Board ("OEB") under docket number EB-2006-0305 granted Enbridge Gas Distribution Inc. ("Enbridge") subject to Conditions of Approval, Leave to Construct and operate an NPS 36 (36 inch diameter) natural gas pipeline to serve the Portlands Energy Center (PEC) in the City of Toronto, ON.

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.

Report Title	**Conducted by**:	**Date**
Stage 1 Archaeological Assessment of the Proposed Enbridge Gas Distribution System Reinforcement Pipeline, City of Markham to the City of Toronto	New Directions Archaeology Inc.	2003
Updating Study: Environmental and Socio-Economic Impact Assessment Toronto Port lands System Reinforcement Pipeline: North End	Dillon Consulting Limited	November 2006
The Stage 2 Archeaological Assessment of the Proposed Enbridge Gas NPS 36 Toronto Reinforcement Pipeline, City of Toronto, Ontario	D.R. Poulton & Associates Inc.	December 2006
Arborist Report Toronto Portlands System Reinforcement Pipeline: North End	Dillon Consulting Limited	September 2007

This Final Monitoring Report for the North section of the project has been prepared in accordance with OEB EB-2006-0305 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.

Construction of this pipeline began on January 4, 2008 and was completed on October 9, 2008.

The in-service date for the project was October 9, 2008 and in accordance with the Conditions of Approval, would have made the final monitoring report due by January 9, 2010. As it would have been difficult to conduct a proper assessment during the winter months, on November 3, 2009, Enbridge requested and was granted an extension until May 2010 for the filing of the final monitoring report for the project.

The Final Monitoring Report is for the North section of the project and is limited to items that have been identified prior to May 2010. Prior to construction there were many activities conducted related to this pipeline project, including environmental assessments, public meetings, archaeological assessments, OEB hearings, and background studies. This report will not review all these items in detail, but will summarize that all disturbed or impacted areas due to construction activities are restored to their original state or better and that Enbridge does not foresee any future issues related to this construction.

2.0 Project Description

The Toronto Portlands Reinforcement Project was constructed to provide a reliable supply of natural gas to meet the demands of the Portlands Energy Centre. This facility will provide electricity to feed into the Ontario market administered by the Independent Electricity System Operator.

The pipeline was connected to an existing natural gas distribution pipeline just north of Sheppard Avenue in a north-south electric transmission corridor located between Pharmacy and Warden Avenues in the City of Toronto. The pipeline is approximately 6.5 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 qualified environmental inspector was on-site for the duration of the pipeline construction activities.

In general, the duties of an Environmental Inspector consisted of 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 Public Complaints

Any complaints received during construction of the project were addressed and the required actions were taken to resolve the issue. Details of the complaints received are recorded in the Complaint Log in Appendix B.

5.0 Construction Effects and Mitigation Measures

Construction effects and mitigation measures which were implemented to minimize the potential effects the construction of the Toronto Portlands 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 (January 2008–October 2008)	Permanent removal of vegetation. Aesthetic degradation. Changes in surface drainage patterns affecting amount of water available. Changes to sunlight or wind exposure regimes.	Specimen trees adjacent to and on the Hydro One Right-Of-Way (R.O.W) were identified prior to construction. Several trees were removed during construction. Tree Removal Permits were obtained from the City of Toronto prior to removal. Most trees were preserved by working outside the Tree Protection Zone and using directional drill. Manicured turf in the Wexford Soccer fields was restored by re-sodding.
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 after backfilling.
Watercourse Crossing	Throughout Construction (January 2008–October 2008)	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.	Crossing of Massey Creek and tributaries to Tyler Creek were completed by directional drill. Watercourse crossing permit was obtained from the Toronto and Region Conservation Authority. Sediment fencing installed to prevent sedimentation and siltation.

Table 1

Construction Effects and Mitigation Measures

Activity	Duration	Potential Effect	Mitigation Measures
Road Crossings	Throughout Construction	Open cut roads inconvenience motorists and traffic flow. Restricted access to businesses and residences.	Three road crossings (Joy Drive, Brian Avenue and Clearfield Gate) were completed by open cut trenching. Crossings were conducted during times of low traffic volume to avoid congestion. Warning signs and barricades set up to increased visibility and prevented public access. All arterial roads were crossed via horizontal direction drill to minimize any disruption.
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.	New Directions Archaeology and D.R. Poulton conducted Stage 1 and 2 Archaeological Assessments prior to construction to identify areas of high potential for 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., construction fencing, 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 One (1) crossing of Canadian Pacific Railway was completed by directional drill.

Table 1

Construction Effects and Mitigation Measures

Activity	Activity	Activity	Activity
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. There were no reportable spills during construction for the pipeline.
Hydrostatic Testing	August 2008	Disruption of water supply to landowners or emergency services. Uncontrolled discharge of water could cause erosion, sedimentation and contamination of surface water supplies.	A permit to obtain water from a municipal fire hydrant; and discharge water to the sanitary sewer were obtained from the City of Toronto. 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.

6.0 Residual Issues

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

The Interim Report identified three areas of unresolved issues regarding vegetation, revegetation and sediment fencing which to date have been resolved. Further details of these issues and actions taken by Enbridge are provided in Sections 6.1 to 6.3.

Since the R.O.W. is located within the Hydro R.O.W, there may, in future be some degradation caused by pedestrians and littering that is not a result of construction.

6.1 Vegetation

There were numerous specimen trees along the Hydro R.O.W adjacent to where the pipeline was installed. The majority of the R.O.W was open-trenched. The specimen trees were monitored and appear to be in good health. Enbridge will continue to periodically monitor these trees but it does not foresee future problems.

6.2 Revegetation

Vegetation has reestablished along the Hydro R.O.W, Wexford soccer fields (re-sodded) and east of the Jonesville Feeder Station (re-sodded) where it was disturbed due to construction. Edge restoration of the Wexford Woodlot was completed by the City of Toronto Urban Forestry department. There are no outstanding issues in regards to revegetation.

6.3 Sediment Fencing

Sediment fencing installed to protect watercourses from sedimentation has been removed as revegetation is complete.

7.0 Summary

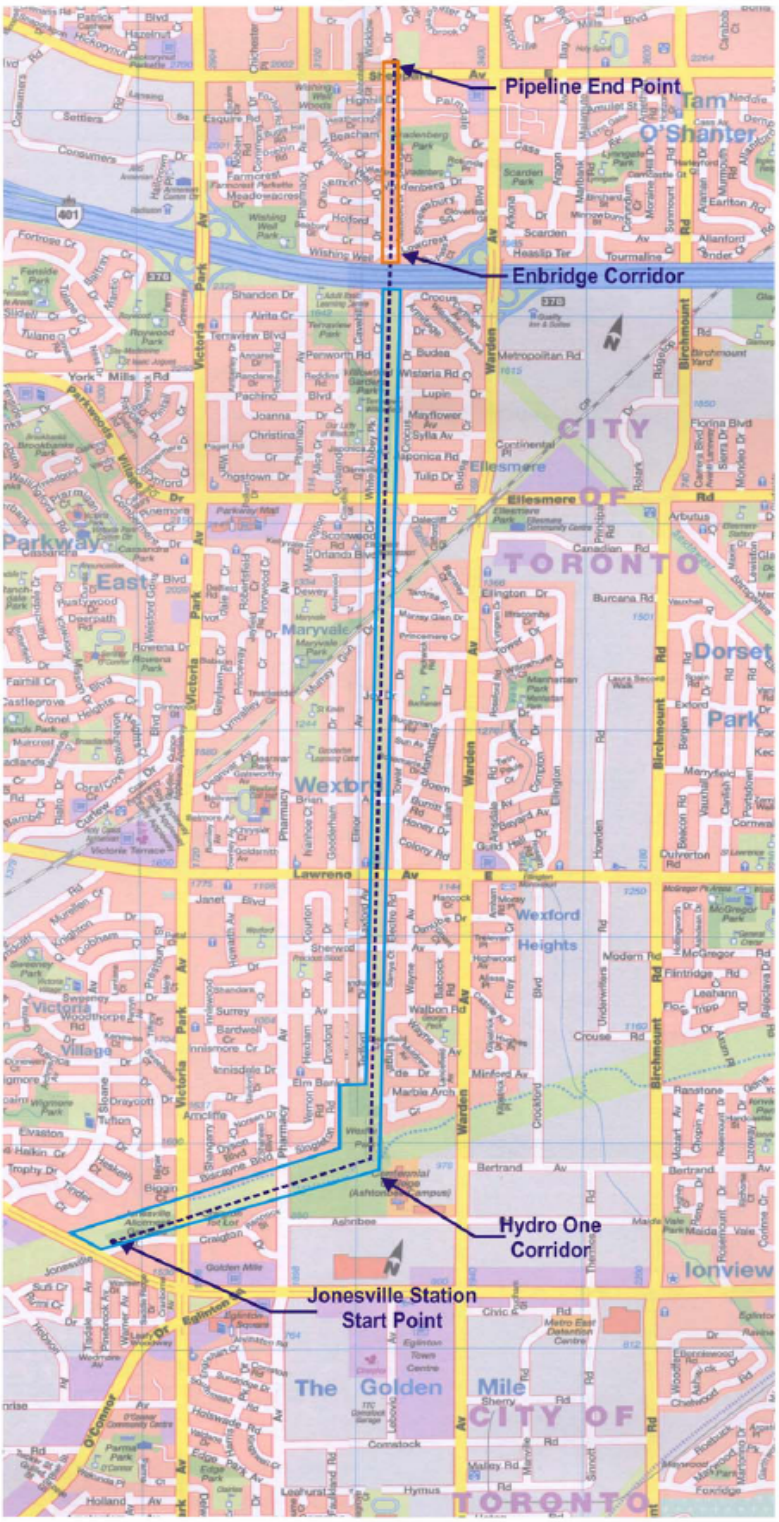
In conclusion, the mitigation measures implemented during and after construction to minimize environmental and socio-economic impacts have been successful. The outstanding issues documented in the Interim Monitoring Report have been addressed and resolved.

Complaints received during the construction have been addressed and the appropriate action has been taken to resolve any issues.

Enbridge does not foresee any future issues resulting from the construction of the North Section of the Toronto Portlands Reinforcement Project.

APPENDIX A

PIPELINE ROUTE MAP



1:25,000 (Approx.)

Preferred Route

ENBRIDGE

TORONTO PORT LANDS SYSTEM
REINFORCEMENT PROJECT : NORTH END

Preferred Route and Corridors

DILLON CONSULTING	Project Number 06-6338	Figure 1

Note: The features on this map are for illustrative purposes only. Original source should be referenced for actual location and boundaries.

APPENDIX B

COMPLAINT LOG

Complaint Log

Date of Complaint	Substance of Complaint	Actions Taken and Rationale
8-Apr-09	Resident was concerned with water pooling on the hydro corridor following a heavy rainfall.	The area in question was inspected by Enbridge and determined to be outside of area affected during pipeline construction. The pooling was attributed to the pre-existing grade of the area coupled with the sudden melting of record breaking snow cover which had accumulated over the winter months and heavy rainfall which had occured the week before the call was received. Follow-up site inspections carried out in July and Sept 2009 confirmed that there were no longer any pools of water forming in this area.
6-Apr-09	Resident called to complain about water run-off from the Right-of-Way washing out parts of his garden.	The area in question was inspected by Enbridge and regraded to address the water run-off issues. Follow-up site inspections were carried out to ensure the water run-off problem was addressed. The resident was compensated for the damages to his garden.
14-Apr-09	Resident called in to report some settlement that occurred along the pipeline right-of-way. The settlement occurred on the south side of the public walkway connecting Crocus Dr and Cavehill Cres.	The area in question was inspected by Enbridge on the day of the complaint and fenced-in. The settlement problem was corrected by the pipeline contractor and the area was monitored to ensure no further settlement occurred. Follow-up site visits confirmed that there was no further settlement. The area was reseeded as required.
14-Apr-09	Resident called in to report some settlement that occurred along the pipeline right-of-way. The settlement occurred on the south side of the public walkway connecting Crocus Dr and Cavehill Cres.	The area in question was inspected by Enbridge on the day of the complaint and fenced-in to ensure safety to the public. The settlement problem was corrected by the pipeline contractor and the area was monitored to ensure no further settlement occurred. Follow-up site visits confirmed that there was no further settlement. The area was reseeded as required.
28-Apr-09	City Councillor Norm Kelly's office called to forward a complaint about the site conditions on the Right-of Way adjacent to his residence. Job site was not graded properly and no grass seed was put down. Pylons were left on the site. Water pooling on site. Temporary asphalt on sidewalk has settled and needs to be repaired.	The area in question was inspected by Enbridge on the day of the complaint and it was determined that the complaint was in regards to another project being completed by Enbridge and not as a result of the NPS 36 pipeline project. The complaint was forwarded to the appropriate contacts and the issues were resolved.

Complaint Log

Date of Complaint	Substance of Complaint	Actions Taken and Rationale
14-May-09	City Councillor Norm Kelly's office called to forward a complaint from a resident regarding debris left on the Right-of-Way adjacent to their residence.	The area in question was inspected by Enbridge on the day of the complaint and it was determined that the complaint was in regards to another project being completed by Enbridge and not as a result of the NPS 36 pipeline project. The complaint was forwarded to the appropriate contacts and the issues were resolved.
27-May-09	City Councillor Norm Kelly's office called to forward a complaint from a resident regarding settlement along the pipeline right-of-way. The settlement occurred on the south side of the public walkway connecting Crocus Dr and Cavehill Cres.	The area in question was inspected by Enbridge on the day of the complaint. It was determined that the settlement problem had already been corrected prior to Enbridge receiving the complaint from the councillors office.

APPENDIX C

PHOTO LOG
(May 2010)

Photo 1 – Looking north at Hydro ROW north of Sheppard Avenue (restoration complete)


Photo 2 – Looking south at Hydro ROW south of Sheppard Avenue

Photo 3: Looking north, south of Highway 401

Photo 4: Looking north, south of Highway 401; swale in foreground

Photo 5 – Looking south along Massey Creek from Lupin Drive

Photo 6 – Looking north along Hydro ROW towards Lupin Drive

Photo 7 – Looking south along Hydro ROW towards Ellesmere Road

Photo 8 – Looking south along Hydro ROW from Ellesmere Road

Photo 9 – Looking north along Hydro ROW from Dewey Drive

Photo 10 – Looking north along Hydro ROW from Brian Avenue

Photo 11 – Looking south along Hydro ROW towards Lawrence Avenue East

Photo 12 – Looking north along Hydro ROW from Clearfield Gate

Photo 13 – Looking south along Hydro ROW from Clearfield Gate


Photo 14 – Looking south towards the Wexford Woodlot

Photo15 – Edge restoration in Wexford Woodlot

Photo 16 – Edge restoration in Wexford Woodlot

Photo 17– Looking south along Wexford Woodlot

Photo 18– Looking southwest across Wexford Soccer Fields

Photo 19 –Tie-in point at Jonesville Feeder Station; looking west

Photo 20 - Tie-in point at Jonesville Feeder Station; looking northeast