



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

Bonnie Jean Adams
Regulatory Coordinator
phone: (416) 495-6409
fax: (416) 495-6072
Email: bonnie.adams@enbridge.com

Monday October 26, 2009

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 – Monitoring Reports**

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, enclosed please find the following interim monitoring reports:

- Well TKC#61H,
- Well TKC#62H, and
- Well TW#13H

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 TKC#61H
EB-2007-0891 and EB-2008-0387**

Prepared by
Enbridge Gas Distribution Inc.
October 26, 2009

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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 (TKC#61H) in the Kimball-Colinville 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.

Report Title	Conducted by:	Date
Environmental Report: Tecumseh Storage Enhancement Project – Storage Infill Drilling	Stantec Consulting Limited	March 2008

Construction of this pipeline began on January 4, 2008 and was completed on September 5, 2008. The storage well was commissioned on February 9, 2009.

This report has been prepared in accordance with Ontario Energy Board (the “Board”) 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 August 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

Tecumseh Kimball-Colinville #62H 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 Kimball-Colinville Storage Pool is located primarily under Lots 17, 18 and 19 and Concessions V, VI, VII and VIII in St. Clair Township. TKC#61H is located approximately 950 m south of Rokeby Line, and 750 m west of Kimball Road in St. Clair Township 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 TKC#61H are summarized in Table 1. Photos of TKC#61H 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 (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.	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.

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.	If required, Enbridge would implement its' Water Well Monitoring program and retain a hydrogeologist to assess the need for monitoring wells proximal to the work area.
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	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 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 are no unresolved issues that remain at the time of completion of this report (September 2009) for the TKC#61H storage well.

6.0 Landowner Comments and Complaints

Several complaints were communicated by Tom Wilson, the landowner, to Enbridge Gas Storage regarding the drilling of the TKC#61H storage well. The nature of the complaints included landowner notification, compensation and lease agreement. On July 8, 2009 Enbridge and the Wilson family entered into a mutually satisfactory

compensation agreement that addressed all issues. A record of the Registered Complaint is found in Appendix C.

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 between the winter (2008) and spring (2009). In general, measures implemented during construction and clean-up have been successful. The Final Post-Construction Environmental Monitoring Report will be prepared in the summer of 2010. This report will document continued restoration activities if needed, and address additional issues that may arise.

APPENDIX A
STORAGE WELL LOCATION MAP

File: \\active\60960381\graphics\GIS\MXD\60960381_07.mxd



Source: GoogleEarthPro; Enbridge.

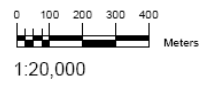
-  Study Area
-  Proposed Well Location
-  Existing Access Road
-  Proposed Temporary Access Road

PREPARED FOR:
 TECUMSEH STORAGE ENHANCEMENT PROJECT
 STORAGE INFILL DRILLING

FIGURE NO. 2.1

**PROPOSED WELL
 DEVELOPMENT
 LOCATIONS
 NORTH SECTION**

Initiated: March, 2008
 Revised:



APPENDIX B
PHOTO LOG



Photo 1 – TKC#61H looking northeast



Photo 2 – Looking north; topsoil replaced



Photo 3: Looking northeast; topsoil replaced



Photo 4: Looking east; topsoil replaced

APPENDIX C

LANDOWNER COMPLAINT AND COMMENT LOG

**ENBRIDGE WELL DRILLING PROGRAM – KIMBALL COLINVILLE POOL
 EB-2007-0891**

REGISTERED COMPLAINTS

BY:	Terry Chupa	NUMBER:	001
		DATE:	Various
		MADE TO:	Terry Chupa, and other Enbridge Personnel
NATURE OF THE COMPLAINT			
<p>I (Terry Chupa) contacted Tom Wilson on February 13, 2008 to let him know that we were proposing to drill well TKC61H on his property. Tom made it clear that he had concerns about our proposal and let me to believe that he wondered what was in it for him, meaning how Enbridge intended on compensating him.</p> <p>The underlying issue related to Tom's compensation concern is that he owns the property but not the mineral rights. Tom's deed from Bruce Jarvis contains a provision that all right and benefit from Enbridge's operations are to go to Bruce Jarvis.</p> <p>Enbridge's understanding of that provision is that Bruce is to continue to receive all lease rental payments and annual payments for surface facilities, including any and all facilities after his sale of the property to Wilsons.</p> <p><u>Complaint #1</u> My understanding of the position of the Wilson family is that:</p> <ul style="list-style-type: none"> • Wilsons should receive payments for surface facilities installed after they bought the property • Enbridge has the right to conduct operations as set out in the lease agreements, however, it seems that Wilsons' approval of the scope of the project and acceptance of a level of compensation is required over and above the lease obligations for compensation for damages and restoration • There is a fundamental difference in how Enbridge and Wilsons are interpreting the lease agreements and the rights and obligations contained therein and that the Wilson family does not agree that they are subrogated to the lease agreements. <p><u>Complaint #2</u> The Wilson family said that Enbridge had not provided notice to the Wilsons of the name of the Project Manager as required by the OEB Decision with Reasons – Conditions of Approval, Clause 5.2</p>			

	<p><u>Complaint #3</u> In mid June, the Wilson family said that Enbridge did not present the Wilson family with a formal Letter of Understanding (LOU) outlining the proposed well drilling operations that had to be agreed to by the Wilson family.</p> <p><u>Complaint #4</u> In mid June, the Wilson family said that Enbridge did not present the Wilson family with a formal compensation offer for the proposed well drilling operations that had to be agreed to by the Wilson family.</p> <p><u>Complaint #5</u> In mid June, the Wilson family said that they felt that Enbridge ceased negotiations after the 30 day time period for them to send a letter with comments to the board ended.</p> <p><u>Complaint #6</u> In mid June, the Wilson family said that Enbridge did not present the Wilson family with a formal site plan for the proposed well drilling operations that had to be agreed to by the Wilson family, and that at no time to Enbridge indicate to them that the proposed site was going to be as extensive as the site already prepared for TKC62H.</p> <p><u>Complaint #7</u> In mid June, the Wilson family said that Enbridge installed the lateral for the proposed well on their property on, or about June 12, 2008 without notice to them, or receiving their approval and under unfavourable ground and soil conditions.</p> <p><u>Complaint #8</u> In mid June, the Wilson family said that the timing of the commencement of the proposed well drilling operations was not to their satisfaction and that operations on their land should be deferred until after the wheat was harvested and/or surface conditions were drier.</p>
RESOLUTION	
	<p>Complaint #1 – from the first contact on February 13, 2008 and continuing on into the fall of 2008, I, and other Enbridge personnel, had many meetings, phone conversations, proposals, offers and other communications with the Wilson family to reach a mutually satisfactory arrangement for the drilling of the well and the removal of the pipeline lateral that was installed in anticipation of the drilling of the well. This agreement was not achieved and Enbridge applied to the Board and received approval from the Board for the drilling of the well at an alternate location on land owned by Enbridge that abuts the east limit of the Wilson property.</p>
	<p>Complaint #2 – On July 15, 2008 I mailed a letter to Wilsons advising them</p>

	that Paul Druet is the Project Manager for the project.
	<p>Complaint #3 – On April 1, 2008 I mailed a letter to the Wilson family with a very high level overview of the proposed drilling operations. The letter contained references to future communications with the landowner to provide more information and address landowner concerns. Enbridge did not, and does not, consider entering into a LOU as an obligation that it is required to perform and is not aware of that being a Condition of Approval required by the Board. I personally have the view that the Gas Storage Lease agreement and the Board Order designating Enbridge as the operator for the storage pool, constitute the framework of a LOU. However, in response to the request of the Wilson family for a LOU, I had several communications with them about the details that would typically be included in a LOU. These communications ceased when Enbridge received approval to drill the well on the alternate site that was not on the Wilson property.</p>
	<p>Complaint #4 – from the first contact on February 13, 2008 and continuing well into the summer months, I, and other Enbridge personnel, had many meetings, phone conversations, proposals, offers and other communications with the Wilson family trying to arrive at a mutually satisfactory compensation package. This was not achieved and ceased when Enbridge received approval to drill the well on the alternate location.</p>
	<p>Complaint #5 – Negotiations with the Wilson family continued well past May 28, 2008, being the date until which the Wilson family could submit a letter with comments to the Board. Please note that the extensive time period of the negotiations were a result of the actions of both parties, not just Enbridge.</p>
	<p>Complaint #6 – On June 17, 2008 I prepared a letter to the Wilson family that addressed complaints numbered 3, 4 and 6. This letter was not mailed on that date due to the evolving differences at that time. On June 19, 2008 Tom Wilson came to my office. My recollection is that I showed him the letter and we talked about it and it is possible that he took his copy with him. The meeting ended rather abruptly and I am not certain of that fact.</p>
	<p>Complaint #7 – When Tom Wilson talked with me about his concerns about the installation of the lateral, I told him that Brad Pilon had told me that he spoke with Tom on the phone on May 27, 2008 and that at the conclusion of the conversation that he and Tom had reached an agreement that provided for the commencement of drilling operations and that the lateral was installed pursuant to that understanding. Tom said if Brad thought this was the agreement they had reached, then Brad is sadly mistaken. In subsequent conversations with both Brad and Tom, both of them were convinced that their respective, yet opposing, understanding is correct and that the other party has misunderstood their agreement.</p> <p>Without interference from, but without approval from, the Wilson family, Enbridge completed removal of the lateral on, or about, December 24, 2008, subject to final restoration and placement of the top soil that was deferred at the request of Tom Wilson.</p>

	<p>Prior to the removal of the lateral, Enbridge and the Wilson family had been communicating to arrive at a mutually satisfactory arrangement regarding the removal of the lateral, restoration of the lands and reasonable compensation for the work done on the Wilson property. Eventually these communications digressed and both parties sought legal counsel. This process is currently on going.</p>
	<p>Complaint #8 - I, and other Enbridge personnel, had many meetings, phone conversations, proposals, offers and other communications with the Wilson family to reach a mutually satisfactory arrangement for the timing and conditions for the commencement of drilling operations. We also talked about the time lines that Enbridge faced and that were becoming more of an issue as time went on. This issue was not resolved and further communications ceased when Enbridge received approval to drill the well on the alternate location.</p>
	<p>On July 8, 2009 Enbridge and the Wilson family entered into a mutually satisfactory compensation agreement that addressed all issues.</p>
DATE:	August 13, 2009
MANAGER:	BY: Terry Chupa <i>T. Chupa</i> Aug 13/09 <i>JMM</i> 5/13/09 IAN MICROBIE

File:

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

**TECUMSEH GAS STORAGE WELL TKC#62H
EB-2007-0891 and EB-2008-0387**

Prepared by
Enbridge Gas Distribution Inc.
October 26, 2009

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APPENDIX A: STORAGE WELL LOCATION MAP

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APPENDIX B: PHOTOLOG

APPENDIX C: LANDOWNER COMMENT AND COMPLAINT LOG

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 (TKC#62H) in the Kimball-Colinville 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.

Report Title	Conducted by:	Date
Environmental Report: Tecumseh Storage Enhancement Project – Storage Infill Drilling	Stantec Consulting Limited	March 2008

Construction of this pipeline began on January 4, 2008 and was completed on September 5, 2008. The storage well was commissioned on September 5, 2008.

This report has been prepared in accordance with Ontario Energy Board (the “Board”) 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 August 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

Tecumseh Kimball-Colinville #62H 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 Kimball-Colinville Storage Pool is located primarily under Lots 17, 18 and 19 and Concessions V, VI, VII and VIII in St. Clair Township. TKC#62H is located on the north side of Moore Line, approximately 250 meters (m) east of Tecumseh Road in St. Clair Township 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 TKC#62H are summarized in Table 1. Photos of TKC#62H 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 (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.	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.
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.	If required, Enbridge would implement its' Water Well Monitoring program and retain a hydrogeologist to assess the need for monitoring wells proximal to the work area.
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	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 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 are no unresolved issues that remain at the time of completion of this report (September 2009) for the TKC#62H storage well.

6.0 Landowner Comments and Complaints

Several complaints were communicated by Matt Starr, a local resident, to Enbridge Gas Storage during the drilling of the TKC#62C storage well. The nature of the complaints included noise, hours of operation and increased vehicle activity. The complaints occurred between June 20th and August 1st, 2008. Each complaint was addressed immediately upon receipt to the satisfaction of Mr. Starr. A record of the Registered

Complain is found in Appendix C.

Enbridge has since developed a policy whereby landowners with residences within 300 m of well drilling, where the noise and inconvenience level are deemed to be unacceptable, will be paid a one-time payment of \$500.00. Payment was made to 5 landowners within 300 m of TKC#62H in July 2009.

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 between the winter (2008) and spring (2009). In general, measures implemented during construction and clean-up have been successful. The Final Post-Construction Environmental Monitoring Report will be prepared in the summer of 2010. This report will document continued restoration activities if needed, and address additional issues that may arise.

APPENDIX A
STORAGE WELL LOCATION MAP



File: \\active\60960381\graphics\GIS\MXD\60960381_07.mxd

Source: GoogleEarthPro; Enbridge.

-  Study Area
-  Proposed Well Location
-  Existing Access Road
-  Proposed Temporary Access Road

PREPARED FOR:
 TECUMSEH STORAGE ENHANCEMENT PROJECT
 STORAGE INFILL DRILLING

FIGURE NO. 2.1

**PROPOSED WELL
 DEVELOPMENT
 LOCATIONS
 NORTH SECTION**

Initiated: March, 2008
 Revised:



APPENDIX B
PHOTO LOG



Photo 1 – TKC#62H looking north



Photo 2 – Looking northeast; topsoil replaced and cultivated



Photo 3: Looking northwest; topsoil replaced and cultivated



Photo 4: Looking southeast towards Moore Road; Access Road

APPENDIX C

LANDOWNER COMPLAINT AND COMMENT LOG

**ENBRIDGE WELL DRILLING PROGRAM – KIMBALL COLINVILLE POOL
 EB-2007-0891**

REGISTERED COMPLAINTS

BY:		NUMBER: 001
		DATE: various
		MADE TO: various
NATURE OF THE COMPLAINT		
	<p>Matt Starr called several times during the well drilling process to complain about the noise, hours of operations and increased vehicle activity.</p> <p>June 20, 2008 9:00 pm, Matt phoned the operator in the control room, who in turn phoned Ed Nicol, who in turn phoned me and I in turn called Jim McDonald seeing as Jim was the supervisor of the pad construction, which was the work gong on at the time.</p>	
	<p>The evening of July 9, 2008, Matt phoned the operator in the control room to complain about the noise.</p>	
	<p>At 10:19 pm on July 16, 2008, Matt again phoned the operator with the same complaint. Matt asked the operator who my (Terry Chupa) supervisor was and his phone number. Matt left a phone message for Brad Pilon, my supervisor.</p>	
	<p>Matt Starr left a phone message on my answering machine at 9:00 am on August 1, 2008. He was angry about the noise.</p>	
RESOLUTION		
	<p>With regard to June 20th, Jim said that the crew was trying to complete the work that night, but in light of the complaint, he had them shut the work down until the next day.</p>	
	<p>With regard to July 9th, in the evening of July 10, 2008, I called several of the other landowners near the well drilling site and was told that for the most part, the drilling operations were not bothering them.</p> <p>I had left a phone message with one of the landowners. He returned my call on July 21, 2008 and said there is a noise concern and that they are keeping their windows closed and running their AC more often and that they should be compensated for the extra electricity costs. No payment has been made by Enbridge to date.</p>	
	<p>With regard to July 16th, Brad played Matt's phone message to me in the morning of the 17th. At 5:00 pm of July 18, 2008 I was able to reach Matt's wife LouAnne by phone. She said that they were frustrated by the noise and added it was poor timing because Matt's brother Brian, who lived right across the road from the drilling site was in extremely bad health and that they were anxious for the drilling operations to end.</p>	

At 5:00 pm on July 23, 2008, I was able to reach Matt by phone. Matt's concern was about the noise and lights, especially from the brine trucks in support of drilling needs.

In response to the noise complaints, Enbridge had the drilling personnel take noise mitigation actions including the elimination of the use of horns that typically are used by drilling personnel as a form of communication.

I pointed out to Matt that we conduct drilling operations very infrequently and that the current operations, noise and activity were typical and necessary for the drilling process, and once commenced must continue. I added that our annual payments are intended to include this type of inconvenience when it occurs from time to time.

Matt said that we should have a policy and practices re compensation for noise and the inconvenience from this type of work. I told we do not have a formal policy for this type of concern.

With regard to August 1st, I talked to our drilling supervisors and they were surprised about the complaint because they were rigging down and for the most part it should have been pretty quiet.

I was able to reach Matt by phone on August 8, 2008. He had calmed down and reiterated his prior complaint that the level of noise during the drilling operations were unacceptable and that he, and the neighboring landowners should be compensated for the inconvenience. I asked him what he thought would be an appropriate compensation amount and he said that he did not know. I asked him the same question in a meeting on a different matter in December. At that time he threw out a number of \$5,000.00. I told him that we would not pay that amount, but that I would discuss his concerns with management to determine what, if anything, we would pay the landowners.

We decided that the drilling operations were conducted in a reasonable and necessary manner and that there would not be any compensation payments made for this temporary inconvenience.

During the winter months we considered these matter and I presented a policy that was approved by management whereby landowners with residences within 300 m of well drilling where the noise and inconvenience level is deemed to be unacceptable, will be paid a one time payment of \$500.00.

Payment of \$500.00 to each of 5 landowners with residences within 300 m of TKC62H was made in July of 2009.

All 5 landowners received the payment and seemed to be satisfied seeing as they did not ask any questions or enter into further discussion on this matter.

DATE: August 13, 2009	BY: Terry Chupa <i>Terry Chupa</i> Aug 13/09
MANAGER: Ian MacRobbie <i>I MacRobbie</i>	8/13/09

File:

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

**TECUMSEH GAS STORAGE WELL TW#13H
EB-2007-0891 and EB-2008-0387**

Prepared by
Enbridge Gas Distribution Inc.
October 26, 2009

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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#13H) 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.

Report Title	Conducted by:	Date
Environmental Report: Tecumseh Storage Enhancement Project – Storage Infill Drilling	Stantec Consulting Limited	March 2008

Construction of this pipeline began on January 4, 2008 and was completed on September 5, 2008. The storage well was commissioned on April 24, 2009.

This report has been prepared in accordance with Ontario Energy Board (the “Board”) 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 August 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

Tecumseh Wilkesport #13H 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#13H 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 (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.	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.
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).
Activity	Duration	Potential Effect	Mitigation Measures

Groundwater	Throughout Construction	During well drilling the water table may be breached and the supply of water to adjacent water wells be affected temporarily.	If required, Enbridge would implement its' Water Well Monitoring program and retain a hydrogeologist to assess the need for monitoring wells proximal to the work area.
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	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 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 are two unresolved issue that remain at the time of completion of this report (September 2009) for the TW#13H gas storage well. These issues will need to be addressed prior to 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, the topsoil has not yet been replaced. Enbridge is planning to construct TW#14 in the near future in the vicinity of newly constructed TW#13. Following the completion of TW#14 the topsoil will be replaced.

5.2 Vegetation

A large specimen tree is located to the north of the driveway and TW#13H (see Appendix B). Several branches appear to be removed and there is evidence of stress in the foliage. This may be a result of an insect infestation or related to the branch removal. Enbridge will continue to periodically monitor this tree.

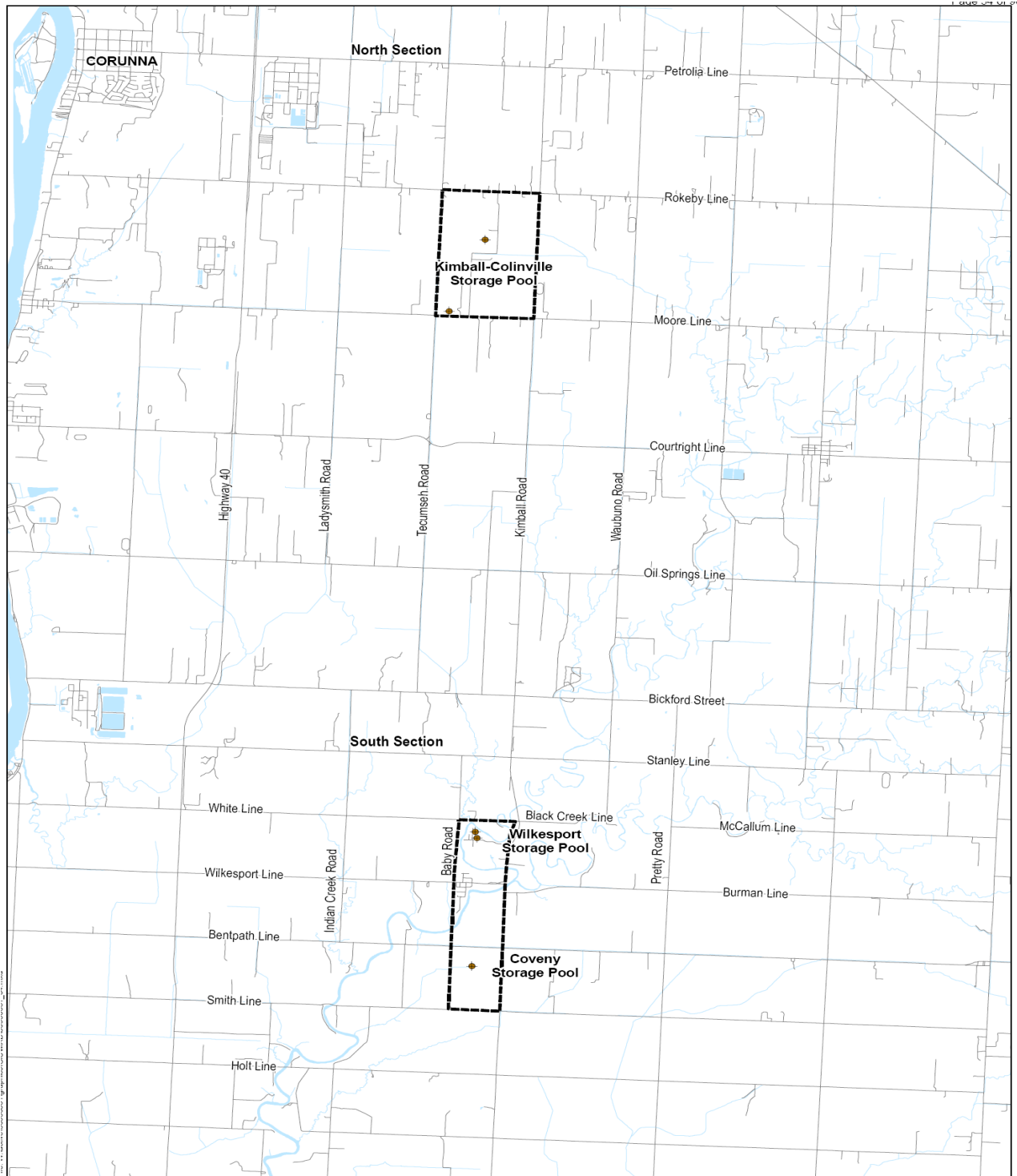
6.0 Landowner Comments and Complaints

There were no landowner comments or complaints associated with the construction of the TW#13H 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 between the winter (2008) and spring (2009). In general, measures implemented during construction and clean-up have been successful. Two outstanding issues will be addressed in the Final Post-Construction Environmental Monitoring Report that will be prepared in the summer of 2010. This report will document continued remediation activities if needed, and address additional issues that may arise.

APPENDIX A
STORAGE WELL LOCATION MAP



Source: LIDS 2006.

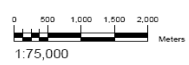
- Study Area
- Proposed Well Location



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#13H; looking west



Photo 2 – TW#13H; looking southwest



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



Photo 4: Looking south



Photo 5: Looking southeast



Photo 6: Looking east

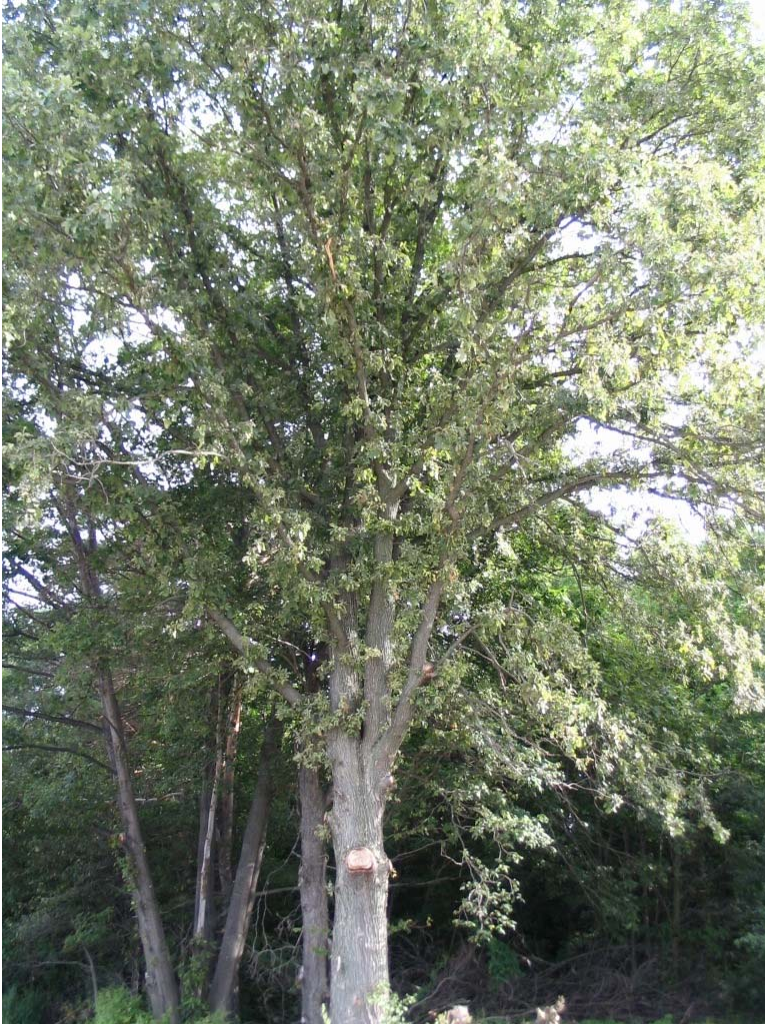


Photo 7: Specimen Tree; looking north from TW#13H