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May 12, 2023

VIA EMAIL and RESS

Nancy Marconi
Registrar
Ontario Energy Board
2300 Yonge Street, Suite 2700
Toronto, Ontario, M4P 1E4

Dear Nancy Marconi:

**Re: Enbridge Gas Inc. ("Enbridge Gas")
Ontario Energy Board ("OEB") File No.: EB-2020-0256
2021/2022 Storage Enhancement Project
Final Monitoring Report**

On July 25, 2019, the OEB issued its Report of the Ontario Energy Board for the drilling of stratigraphic test well ("TL9") in the EB-2019-0012 proceeding. On April 22, 2021, the OEB issued a Decision and Order in the EB-2020-0256 proceeding, which included a Report of the Ontario Energy Board for the drilling of one injection/withdrawal well ("TL9H") in the same wellbore as TL9. Both Reports contained several Conditions of Licence. As construction of TL9 and TL9H occurred consecutively and in the same wellbore, Enbridge Gas has treated them as one Project for the purposes of the Conditions of Licence reporting. As such, the construction and restoration practices for the drilling of well TL9 (EB-2019-0012) are included in the Final Monitoring Report for TL9H (EB-2020-0256).

Per section 8 (b) in the Conditions of Licence provided at Attachment A of the EB-2020-0256 Decision and Order, Enbridge Gas is to provide the OEB with a Final Monitoring Report, no later than fifteen months after the in-service date, or, where the deadline falls between December 1 and May 31, the following June 1. Please find an enclosed copy of the Final Monitoring Report.

Please contact me if you have any questions.

Yours truly,

Evan Tomek
Advisor, Regulatory Applications – Leave to Construct

**EB-2019-0012: TL9 WELL DRILLING AND
EB-2020-0256: 2021/2022 STORAGE
ENHANCEMENT PROJECT (TL9H WELL
DRILLING)**

FINAL MONITORING REPORT

**Prepared By: Enbridge Gas Inc.
Environment
April 2023**

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1.0 INTRODUCTION

This Final Monitoring Report is provided pursuant to the Ontario Energy Board's ("OEB") Report to the Ministry of Natural Resources Forestry ("MNRF") for the EB-2019-0012 proceeding ("EB-2019-0012 Report") and the OEB's Report to the MNRF and for the EB-2020-0256 proceeding ("EB-2020-0256 Report"). In the EB-2019-0012 Report (dated July 25, 2019), the OEB recommended the issuance of a well drilling licence to Enbridge Gas Inc. ("Enbridge Gas" or the "Company"), pursuant to section 40(1) of the *Ontario Energy Board Act, 1998* ("OEB Act") for the drilling of one natural gas stratigraphic test well (TL9) in the Ladysmith Storage Pool in St. Clair Township in the County of Lambton. In the EB-2020-0256 Report (dated April 22, 2021), the OEB recommended the issuance of a well drilling licence to Enbridge Gas, pursuant to section 40(1) of the OEB Act for the drilling of one injection/withdrawal well (TL9H) in the Ladysmith Storage Pool in St. Clair Township in the County of Lambton.

Within the TL9 application (EB-2019-0012), Enbridge Gas stated that if the test results from TL9 were favourable, that the Company would submit a separate application requesting permission to extend TL9 into the storage pool and make it an injection and withdrawal well to be referred to as TL9H.¹ Drilling of well TL9 was initiated on August 31, 2019 and was placed into service on November 20, 2020. After favourable results from TL9 were observed, the gravel drilling pad was left in place to support the drilling of well TL9H as it was drilled within the same wellbore. Drilling of well TL9H was initiated on June 23, 2021 and was placed into service on December 21, 2021. As the drilling of TL9H was dependent on favourable results from TL9 and was drilled in the same wellbore, the construction of the two wells was both in the same area and consecutive. As such, Enbridge Gas has combined the Final Monitoring Reports for EB-2019-0012 and EB-2020-0256, effectively treating both well drilling applications as one project for the purposes of Conditions of Licence reporting.

The requirements for and details of this Final Monitoring Report are outlined in the specific conditions issued by the OEB in its EB-2020-0256 Report as listed below. The complete Conditions of Licence ("COL") can be found in Appendix B of this report. The COL addressed in this report are as follows:

¹ EB-2019-0012, Decision and Order, July 25, 2019, pp. 2-3.

Condition 1

Enbridge Gas Inc. (Enbridge Gas) shall rely on the evidence filed with the OEB in the EB-2020-0256 proceeding and comply with the applicable laws, regulations and codes pertaining to the construction of the Proposed Well.

Condition 3

Enbridge Gas shall construct the facilities and restore the land in accordance with its application and evidence given to the OEB, except as modified by the licence and these Conditions.

Condition 4

Enbridge Gas shall implement all the recommendations of the Environmental Report filed in the proceeding.

Condition 5

Prior to commencement of construction of the Proposed Well, Enbridge Gas shall obtain all necessary approvals, permits, licences, certificates, agreements and rights required to construct, operate and maintain the Proposed Well.

Condition 6

Enbridge Gas shall ensure that the movement of equipment is carried out in compliance with all procedures filed with the OEB, and as follows:

- a) Enbridge Gas shall make reasonable efforts to keep the affected landowner(s) as well as adjacent landowners and their respective tenant farmers, or their designated representatives, informed of its plans and construction activities.
- b) The installation of facilities and construction shall be coordinated to minimize disruption of agricultural land and agricultural activities.

Condition 7

Enbridge Gas shall, subject to the recommendation by an independent tile contractor and subject to the landowner's approval, construct upstream and downstream drainage headers adjacent to the drilling area and access roads that cross existing systematic drainage tiles, prior to the delivery of heavy equipment, so that continual drainage will be maintained.

Condition 8

Both during and after construction, Enbridge Gas shall monitor the impacts of construction, and shall file with the OEB one paper copy and one electronic (searchable PDF) version of each of the following reports:

- a) A Post Construction Report, within three months of the in-service date, which shall:
 - i. Provide a certification, by a senior executive of the company, of Enbridge Gas's adherence to Condition 1
 - ii. Describe any impacts and outstanding concerns identified during construction
 - iii. Describe the actions taken or planned to be taken to prevent or mitigate any identified impacts of construction
 - iv. Include a log of all complaints received by Enbridge Gas, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, the rationale for taking such actions
 - v. Provide a certification, by a senior executive of the company, that the company has obtained all other approvals, permits, licenses, and certificates required to construct, operate and maintain the proposed project.

- b) A Final Monitoring Report, no later than fifteen months after the in-service date, or, where the deadline falls between December 1 and May 31, the following June 1, which shall:
 - i. Provide a certification, by a senior executive of the company, of Enbridge Gas's adherence to Condition 1
 - ii. Describe the condition of any rehabilitated land
 - iii. Describe the effectiveness of any actions taken to prevent or mitigate any identified impacts of construction
 - iv. Include the results of analyses and monitoring programs and any recommendations arising therefrom
 - v. Include a log of all complaints received by Enbridge Gas, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, and the rationale for taking such actions.

Condition 11

Enbridge Gas shall designate one of its employees as project manager who will be responsible for the fulfillment of these conditions, shall provide the employee's name and contact information to the MNRF, the OEB and to all the affected landowners, and shall clearly post the project manager's contact information in a prominent place at the construction site.

2.0 BACKGROUND

Enbridge Gas filed an application with the MNRF for a licence to drill a stratigraphic test well, referred to as TL9, within the Ladysmith Storage Pool (EB-2019-0012). The application was referred to the OEB by the MNRF on February 27, 2019, pursuant to section 40 of the OEB Act. Enbridge Gas requested that the OEB issue a favourable report to the MNRF pursuant to subsection 40(1) of the OEB Act recommending that the MNRF grant a licence to Enbridge Gas to drill TL9. In this application, Enbridge Gas also stated that if the test results from TL9 were favourable, that the Company would submit a separate application requesting permission to extend TL9 into the storage pool and make it an injection and withdrawal well to be referred to a TL9H.² The OEB found that the TL9 well was necessary to determine if additional capacity can safely be developed in the Ladysmith Storage Pool and that it would not adversely impact Enbridge Gas' ratepayers. The OEB subsequently recommended the approval of the application for the well drilling licence for well TL9, subject to the Conditions of Licence set out in Appendix A, on July 25, 2019.

On November 13, 2020 Enbridge Gas filed an application with the OEB seeking approval for the 2021/2022 Storage Enhancement Project (EB-2020-0256). In this application, Enbridge Gas applied to the OEB for the following relief:

1. Leave to vary and/or increase the maximum operating pressure (MOP) of the Ladysmith, Corunna and Seckerton Storage Pools pursuant to section 38(1) of the OEB Act.
2. A favourable report from the OEB to the Minister of Natural Resources and Forestry supporting the well drilling licence application made by Enbridge Gas to the MNRF to drill an injection/withdrawal well TL9H in the Ladysmith Storage Pool, pursuant to section 40(1) of the OEB Act.

² EB-2019-0012, Decision and Order, July 25, 2019, pp. 2-3.

3. Leave to construct several gathering pipelines and associated facilities, pursuant to section 90(1) of the OEB Act.
4. Approval of the forms of agreement to be offered to landowners affected by the Project, pursuant to section 97 of the OEB Act.

On April 22, 2021, the OEB confirmed that the Project is in the public interest and issued a Decision approving the leave to construct application and issued a favourable report to the MNRF regarding the well licence application under OEB file No. EB-2020-0256. The OEB provided both i) Conditions of Approval, applicable to the leave to construct several gathering pipelines and associated facilities and ii) Conditions of Licence, applicable to the drilling of well TL9H in the Ladysmith Storage Pool. Both sets of conditions contained requirements to complete Post Construction and Final Monitoring Reports. This Final Monitoring Report is provided pursuant to the Conditions of Licence. A separate Final Monitoring Report will be prepared pursuant to the leave to construct Conditions of Approval, no later than fifteen months after the in-service date, or, where the deadline falls between December 1 and May 31, the following June 1.

Drilling of well TL9 was initiated on August 31, 2019 and was placed into service on November 20, 2020. The gravel drilling pad was left in place to support the drilling of well TL9H as it was drilled within the same wellbore as TL9. Drilling of well TL9H was initiated on June 23, 2021 and was placed into service on December 21, 2021.

The proposed well drilling and associated works occurred on land owned by Enbridge Gas, on Lot 20, Concession 5, Township of St. Clair, Lambton County, Ontario in the Ladysmith Storage Pool. Please see Appendix A for mapping of the Project Area.

The main activities of the Project progressed as follows:

- Topsoil stripping at the locations of the proposed drilling pad;
- Construction of the drilling pad;
- Drilling of well TL9;
- Drilling of well TL9H (conversion of the stratigraphic test well to an injection/withdrawal well);

- Connecting well TL9H to the existing gathering system with the installation of a new NPS 10 inch pipeline; and
- Clean up and restoration.

The temporary gravel drilling pad will be left in-place until fall 2023 to support adjacent construction work. Upon completion of the adjacent work, the gravel pad will be reduced in size and centered around the well. Enbridge Gas will continue to monitor the area to ensure clean-up and restoration measures were successful and all disturbed areas are stable. Any areas that require additional restoration measures will be addressed as required.

3.0 POTENTIAL IMPACTS AND MITIGATION

3.1 Condition 1

Enbridge Gas Inc. (Enbridge Gas) shall rely on the evidence filed with the OEB in the EB-2020-0256 proceeding and comply with the applicable laws, regulations and codes pertaining to the construction of the Proposed Well.

Enbridge Gas relied on the evidence filed with the OEB in the EB2019-0012/ EB-2020-0256 proceedings and complied with the applicable laws, regulations and codes pertaining to the construction of the Proposed Wells.

3.2 Condition 3

Enbridge Gas shall construct the facilities and restore the land in accordance with its application and evidence given to the OEB, except as modified by the licence and these Conditions.

Enbridge Gas constructed the facilities and restored the land in accordance with the application and evidence given to the OEB including the Conditions of Licence.

3.3 Condition 4

Enbridge Gas shall implement all the recommendations of the Environmental Report filed in the proceeding.

Enbridge Gas implemented all the recommendations of the Environmental Reports filed in the proceedings. Please refer to Table 1 to confirm Enbridge Gas's adherence to the recommendations and mitigation measures identified in the Environmental Reports.

3.4 **Condition 5**

Prior to commencement of construction of the Proposed Well, Enbridge Gas shall obtain all necessary approvals, permits, licences, certificates, agreements and rights required to construct, operate and maintain the Proposed Well.

Enbridge Gas obtained all necessary approvals, permits, licences, certificates, agreements and rights required to construct, operate and maintain the Proposed Wells.

Enbridge Gas obtained the following environmental permits for construction:

Ministry of Heritage, Sport, Tourism and Culture Industries³

Project Information Form Number	Stage	Location
P256-0558-2018	1-2	Lot 20, Concession 5, Geographic Township of St. Clair, Lambton County, Ontario
P438-0224-2020	1	Part of Lots 19-21, Concessions 4-5, and Lots 18-22, Concessions 7-11, Township of St. Clair, Lambton County, Ontario
P438-0237-2020	2	Parts of Lot 20, Concession 5, and Lot 19, Concession 4, Township of St. Clair, Lambton County, Ontario

³ Ministry of Heritage, Sport, Tourism and Culture Industries is now referred to as the "Ministry of Citizenship and Multiculturalism."

St. Clair Region Conservation Authority

- Ontario Regulation 171/06 permit.

3.5 Condition 6

Enbridge Gas shall ensure that the movement of equipment is carried out in compliance with all procedures filed with the OEB, and as follows:

- a) Enbridge Gas shall make reasonable efforts to keep the affected landowner(s) as well as adjacent landowners and their respective tenant farmers, or their designated representatives, informed of its plans and construction activities; and*

All movement of equipment was carried out in compliance with all procedures filed with the OEB. Enbridge Gas's Lands Relations Agent kept the tenant farmer as well as adjacent landowners and their respective tenant farmers/designated representatives informed of its plans and construction activities and was available by phone throughout the duration of construction.

- b) The installation of facilities and construction shall be coordinated to minimize disruption of agricultural land and agricultural activities.*

Enbridge Gas coordinated the installation of facilities and construction so as to minimize disruption of agricultural land and agricultural activities by:

- Testing the agricultural field for Soybean Cyst Nematodes (SCN) to prevent the spread of SCN to fields not impacted by SCN.
- Disrupted or broken tile was repaired following Enbridge Gas's documented procedures for tile repair.
- Grading and any other work on wet soils was prohibited and wet soils shutdown practices were adhered to.
- Stripping topsoil prior to the construction of the all-weather access roads, temporary drilling pads, and pipelines to maintain soil integrity and prevent topsoil/subsoil mixing during restoration.

- Upon removal of the gravel pad, areas disrupted by drilling and pipeline construction will be restored by re-grading followed by chisel ploughing and disking.

3.6 Condition 7

Enbridge Gas shall, subject to the recommendation by an independent tile contractor and subject to the landowner's approval, construct upstream and downstream drainage headers adjacent to the drilling area and access roads that cross existing systematic drainage tiles, prior to the delivery of heavy equipment, so that continual drainage will be maintained.

Pre-tiling activities at the site were not required, and any disrupted or broken tile was repaired following the Company's documented procedures for tile repair.

Upon receipt of a complaint from a neighbouring landowner, a drainage contractor installed a 6" tile on Enbridge Gas property in proximity to the property line to intercept water runoff from the Enbridge Gas property before entering the adjacent property (please refer to Table 2 for more information).

Drainage was effectively maintained during construction.

3.7 Condition 8

Both during and after construction, Enbridge Gas shall monitor the impacts of construction, and shall file with the OEB one paper copy and one electronic (searchable PDF) version of each of the following reports:

- a) A Post Construction Report, within three months of the in-service date, which shall:*
 - i. Provide a certification, by a senior executive of the company, of Enbridge Gas's adherence to Condition 1;*
 - ii. Describe any impacts and outstanding concerns identified during construction;*
 - iii. Describe the actions taken or planned to be taken to prevent or mitigate any identified impacts of construction;*

- iv. *Include a log of all complaints received by Enbridge Gas, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, the rationale for taking such actions; and*
- v. *Provide a certification, by a senior executive of the company, that the company has obtained all other approvals, permits, licenses, and certificates required to construct, operate and maintain the proposed project.*

A Post Construction Report that satisfied the above conditions was completed and filed with the OEB on March 21, 2022.

- b) *A Final Monitoring Report, no later than fifteen months after the in-service date, or, where the deadline falls between December 1 and May 31, the following June 1, which shall:*

- i) *provide a certification, by a senior executive of the company, of Enbridge Gas's adherence to Condition 1;*

This Final Monitoring Report is being filed with the OEB and is certified by Jim Redford, Vice President of Energy Services, that Enbridge Gas has relied on the evidence filed with the OEB in the EB-2019-0012/EB-2020-0256 proceedings and complied with the applicable laws, regulations and codes pertaining to the construction of the Proposed Wells. The signed executive certifications are provided in Appendix C to this report.

- ii) *Describe the condition of any rehabilitated land;*

The temporary gravel drilling pad will be left in-place until fall 2023 to support adjacent construction work. Upon completion of the adjacent work, the gravel pad will be reduced in size and centered around the well. Enbridge Gas will continue to monitor the area to

ensure clean-up and restoration measures are successful and all disturbed areas are stable. Any areas that require additional restoration measures will be addressed as required.

iii) Describe the effectiveness of any actions taken to prevent or mitigate any identified impacts of construction;

The actions taken to prevent or mitigate any identified impacts of construction were successful and are outlined in Table 1 of this report.

iv) Include the results of analyses and monitoring programs and any recommendations arising therefrom; and

Archaeological Assessments

Enbridge Gas retained the services of Stantec and Aecom to complete Archaeological Assessments for the project area. Clearance letters were received from the Ministry of Heritage, Sport, Tourism and Culture Industries for the project. No archaeological sites or artifacts were found during construction.⁴

Species at Risk

Enbridge Gas retained the services of Stantec and Aecom to complete detailed habitat assessments and field surveys to confirm Species at Risk (“SAR”) habitat within the project area. Three SAR were identified as having potential to occur within the vicinity of the project area and suitable habitat was classified as marginal for the SAR. Mitigation measures to avoid impacts to SAR were recommended by Stantec and Aecom and were adhered to by

⁴ Stantec was retained to provide environmental consulting services for the TL9 Well Drilling Project, and Aecom was retained for the 2021/2022 Storage Enhancement Project (TL9H Well Drilling).

Enbridge Gas throughout construction. No SAR were observed throughout construction.

Soybean Cyst Nematode Sampling

Soybean Cyst Nematode (“SCN”) is present in the topsoil of many agricultural fields in populations large enough to impact soybean yields. SCN has the potential to spread via topsoil stuck to machinery passing from an impacted field to a non-impacted field. SCN is common within agricultural lands in the area, and the construction area was therefore sampled for the presence of SCN prior to construction. Laboratory testing confirmed that SCN was not present.

Water Well Monitoring

Enbridge Gas retained a third-party hydrogeologist to conduct a standard well monitoring program. No residences or domestic water wells were identified within the Study Area and it was reported that businesses in the Study Area obtain domestic water through municipal water services. No impacts to local water wells were identified during construction.

- v) *Include a log of all complaints received by Enbridge Gas, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, and the rationale for taking such actions.*

Enbridge Gas’s Complaint Tracking System (Table 2), which identifies the current status of complaints received as a result of pipeline construction, was in effect for both the well drilling of TL9 and TL9H. A complaint is identified as a concern raised by a landowner or member of the public that has not been resolved to their satisfaction within three (3) working days.

Enbridge Gas will continue to monitor the state of the land and will address any landowner or public concerns should they arise.

3.8 Condition 11

Enbridge Gas shall designate one of its employees as project manager who will be responsible for the fulfillment of these conditions, shall provide the employee's name and contact information to the MNRF, the OEB and to all the affected landowners, and shall clearly post the project manager's contact information in a prominent place at the construction site.

The project manager's contact information was provided to the MNRF, OEB and all the affected landowners, and was clearly posted in a prominent place at the construction site:

Kathy McConnell, P. Geo.; PMP
Technical Manager Storage & Reservoir
Enbridge Gas Inc.
519-862-6032
Kathy.McConnell@enbridge.com
3501 Tecumseh Road, Mooretown, ON N0N 1M0

4.0 SUMMARY

This Final Monitoring Report has been prepared pursuant to the Conditions of Licence contained in the OEB's Reports to the MNRF for the EB-2019-0012 and EB-2020-0256 proceedings. This report provides confirmation that Enbridge Gas has complied with the Conditions of Licence and implemented all the recommendations of the Environmental Reports filed in the proceedings. This report also provides a description of the identified impacts of construction and the actions taken to mitigate such impacts. It is anticipated that these actions will effectively eliminate any long-term impacts to the environment.

Enbridge Gas will continue to monitor the site to evaluate the success of the restoration measures and identify any areas that require additional restoration, if necessary.

Table 1

Potential Impacts and Mitigation Measures

Table 1: Potential Impacts and Mitigation Measures		
Issue	Potential Impact	Mitigation Measure
Access Roads and Granular Work Areas	Vehicular traffic during and after drilling and pipeline installation (i.e. well operations and maintenance vehicles) may cause soil rutting, compaction or mixing, particularly if soils are wet.	- An existing laneway was utilized. - The granular work area was limited in size to the greatest extent possible. - All traffic was limited to the access road or granular work area to the greatest extent possible. - Culverts were used to ensure existing drainage patterns were maintained where required. - Geotextile fabric was used for areas to provide additional stability, minimize compaction and eliminate soil mixing with granular material.
Grading	Grading was necessary for the construction of access roads, drilling pads and pipeline work areas. On agricultural land, grading has the potential to impact soil productivity by disrupting tile drains and causing soil mixing, rutting and compaction, particularly during wet soil conditions.	- Pre-construction tiling was undertaken prior to the start of any drilling operations, if necessary. - Disrupted or broken tile was repaired following the Company's documented procedures for tile repair. - Grading was not conducted on wet soils and wet soils shutdown practices were adhered to. - In drilling and pipeline work areas where land would be returned to its former use (agricultural), topsoil was stripped and stockpiled along the edges of the work area following documented Company procedures.
Noise	Noise from the drilling rig, pipeline equipment and/or service vehicles may disrupt nearby residents.	- Noise was controlled to the greatest extent possible to minimize the disruption to nearby residents. - Local noise by-laws were adhered to. - All equipment was properly muffled.
Site Restoration	Improper site restoration could permanently affect soil productivity and vegetative growth.	- Areas disrupted by drilling and pipeline construction will be restored by re-grading followed by chisel ploughing and disking.
Fuel Storage and Handling	Improper fuel storage and handling may have caused	- Fuel was not stored near watercourses (i.e. within 50 m).

Table 1: Potential Impacts and Mitigation Measures		
Issue	Potential Impact	Mitigation Measure
	spilling and possible soil contamination.	- Fuel storage areas were clearly marked. - Containment dykes and protective plastic ground matting were used in fuel storage areas to protect against spillage and leakage where required. - Spill clean-up materials were stored onsite and were available in the event of a spill. If necessary, spills or leaks were to be reported to the appropriate authority immediately (Ministry of the Environment, Conservation and Parks Spills Action Centre at 1-800-268-6060).
Liquid and Solid Waste	Drilling fluids, solid wastes and lubricants must be properly handled, stored and disposed of to avoid the possible contamination of surrounding soil or water.	- Liquid and solid wastes were properly stored, handled and disposed of in an approved location. - Drilling fluids were properly contained in waste tanks and disposed of after drilling in an appropriate location. - The level of drilling fluids was frequently monitored to avoid possible overflows of the tanks.
Landowner Concerns	Disruption to landowners and tenants.	- Enbridge Gas provided the tenant with the telephone numbers of Company personnel. - A Landowner Relations Program was established to track complaints during construction.
Roadside Ditches	Water quality concerns.	- Ditches were returned to pre-construction conditions or better as quickly as possible.
Nuisance Dust	Disturbance to landowners and tenants.	- Dust was controlled as required.
Underground Utilities	Disruption of services.	- Locates were obtained from all utilities. - Any damages to utilities were repaired as soon as possible.

Table 1: Potential Impacts and Mitigation Measures		
Issue	Potential Impact	Mitigation Measure
Archaeology, Cultural Heritage Landscapes and Built Heritage Resources	Disturbance of heritage resources.	- Archaeological Assessments were completed prior to construction. - Direction was given to stop construction if artifacts were encountered and to notify the Ministry of Heritage, Sport, Tourism and Culture Industries. - A Cultural Heritage consultant was retained to determine if impacts to cultural heritage landscapes and/or built heritage resources were anticipated and to develop a mitigation plan if required.
Water Wells	Disruption to water supply.	- Enbridge Gas implemented its standard well monitoring program. - If water quality/quantity concerns occurred as a result of construction activities, the Company would supply potable water until the situation was corrected.
Trees	Damage to trees and disturbance to wildlife.	- Tree removal did not occur as part of construction.
Natural Areas	Sedimentation run-off.	- Sediment barriers such as straw bales/sediment fencing were used where there was potential for runoff.
Vegetative cover	Loss of vegetative cover leading to soil erosion.	- Where necessary, cover was restored by means of seeding or hydro-seeding as soon as possible.
Contaminated Soils	Dealing with contaminated materials. Public safety issue.	- No contaminated soils were encountered, however; if suspect soils were uncovered, direction was provided to stop work immediately, contact the Enbridge Gas Environmental Department, and clean up contaminated material following Company and Ministry of the Environment, Conservation and Parks procedures.

Table 1: Potential Impacts and Mitigation Measures		
Issue	Potential Impact	Mitigation Measure
Soil Handling	Improper soil handling could permanently affect soil productivity and vegetative growth.	- Topsoil from agricultural lands was stripped during dry soil conditions and stockpiled for use during cleanup and rehabilitation. - Colour and texture changes between the topsoil and subsoil interface were monitored to ensure that all topsoil was stripped and there was no mixing of topsoil and subsoil. - Enbridge Gas's Wet Soil Shutdown practice was implemented when wet soils were encountered. - Stockpiles were protected from wind erosion where required.
Soybean Cyst Nematode (SCN)	SCN can be spread between agricultural fields via machinery and can reduce soybean crop yields.	- Laboratory testing was completed to identify if SCN was present within the Study Areas. - No SCN was identified within the Study Areas.
Hydrogeology and near-water works	Water well, ground water, and surface water impacts.	- In addition to Enbridge Gas's water well monitoring program and standard erosion and sediment controls, the follow measures were implemented: - o Fuels, chemicals, and lubricants were stored on level ground in properly contained/sealed storage areas. - o Refueling activities were monitored. - o Vehicles were not left unattended while being refueled and refueling of maintenance vehicles occurred at a minimum distance of 100 m from the edge of a waterbody. - o Containers, hoses and nozzles were free of leaks.

Table 1: Potential Impacts and Mitigation Measures		
Issue	Potential Impact	Mitigation Measure
		○ Fuel nozzles were equipped with functional automatic shut-offs where applicable. ○ Fuel remaining in hoses were returned to the fuel storage facility where applicable. ○ Appropriate spill management equipment was readily available and maintained within the refueling areas.
Wildlife and Species at Risk	Harm to wildlife/species at risk.	- Restrict vehicles, machinery and personnel to the access roads and approved work areas. - Nuisance wildlife were to be reported to the Ministry of Natural Resources and Forestry (MNRF) district ecologist if warranted. - If larger wildlife (e.g., deer) were struck with vehicles or equipment, the MNRF was to be notified. - Food waste and other debris were properly contained, and were collected and removed from the site daily to an approved facility. - Wildlife were not fed or interacted with. - The possession of firearms was prohibited. - Pets were not allowed on the Project site. - For work that occurred during the active season for snake species (i.e. between March 15 and October 15, weather dependent), the following mitigation measures were adhered to: ○ All persons entering the site were provided training about Butler's Gartersnakes. ○ Continual awareness and avoidance of snakes crossing roadways was encouraged through training programs for

Table 1: Potential Impacts and Mitigation Measures		
Issue	Potential Impact	Mitigation Measure
		individuals with access to the Project location. ○ Large equipment was brought in using a spotter to prevent interactions with snakes on roadways. ○ Daily inspection of equipment stored onsite each morning before equipment is started, if applicable. ○ Vehicle speeds were restricted to 30 km/h or less. ○ Vehicular traffic remained on access roads and within construction envelope. ○ Wildlife friendly sediment and erosion controls were utilized where required. - No Butler's Gartersnakes were observed and no impacts to nesting birds occurred during construction. - Mitigation for bird species included avoidance of existing nests on structures, if applicable, and travelling at reduced speeds to avoid collisions with construction equipment and vehicles.

Table 2

Complaint Tracking System

TL9 & TL9H: Summary of Landowner Complaints					
Date	Property ID	Landowner	Complaint	Resolution	Status
June 13, 2019	43303-0080		An adjacent landowner submitted a letter of comment to the OEB. In that letter of comment the landowner indicated concerns that the existing lane way on the Ladysmith site has caused drainage issues and that additional development on the Ladysmith site could lead to further drainage issues. The landowner requested that assurances be given, and plans provided for how the water drainage issue will be addressed and mitigated.	July 12, 2019: Enbridge Gas met with the landowner on the Ladysmith site. At that meeting the landowner showed Enbridge Gas his area of concern. The area of concern is a naturally occurring lower elevation spot located adjacent to the existing laneway which provides access to the Ladysmith site. Upon initial inspection of the land, it does not appear as though the drainage issue is caused by the Ladysmith project. However, in order to understand the cause of the drainage issue and to address the landowner's concern, Enbridge Gas has retained a drainage contractor to survey the area and determine potential solutions to mitigate the drainage issue. September 3 & 4, 2019: The drainage contractor installed a 6" tile on Enbridge Gas property just west of the property line to intercept water runoff from the Enbridge Gas property before entering the landowner's property. Enbridge Gas staff confirmed with the landowner that this was acceptable.	Resolved.

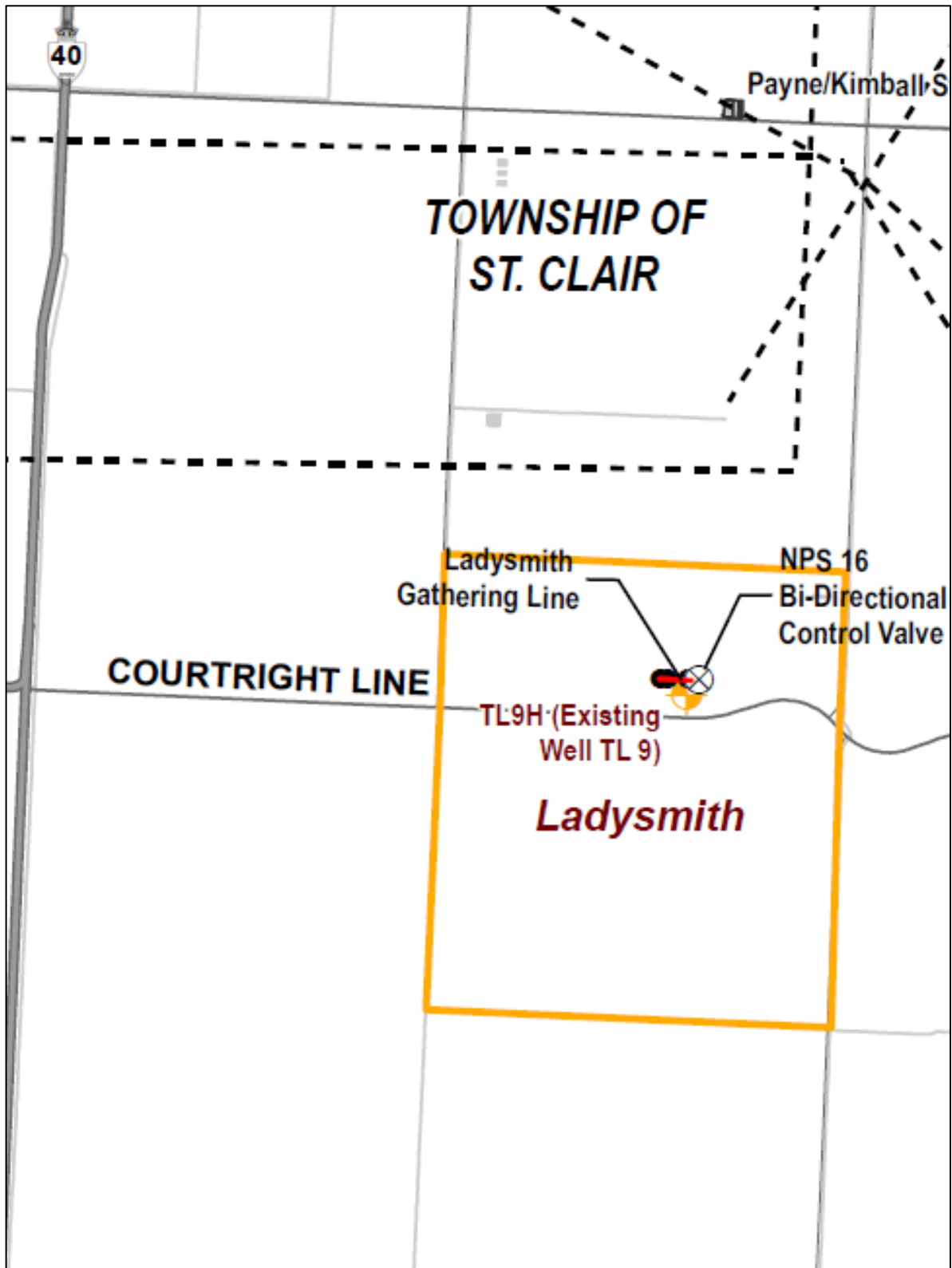
TL9 & TL9H: Summary of Landowner Complaints

Date	Property ID	Landowner	Complaint	Resolution	Status
November 22, 2019	43303-0098	[REDACTED]	A nearby landowner emailed Enbridge Gas inquiring if a permit was obtained to make noise after 9pm. The landowner also explained that he takes his dog outside a number of times throughout the night and his dog is attracted to the lights and noise coming from the drilling rig.	November 26, 2019: Enbridge Gas replied to the landowner in a letter that was emailed to him. In the letter Enbridge Gas stated that “Enbridge complies with all applicable by-laws and all necessary permits and approvals are in place to complete this work. Also, the rig is scheduled to begin leaving the site on November 26, 2019.”	Resolved.
May 14, 2020	43303-0080	[REDACTED]	Meeting with an adjacent landowner to discuss a farm drainage tile blow out that was potentially caused by an Enbridge Gas contractor driving off the road and into landowner’s field.	During that same meeting, it was decided that adjacent landowner was going to put in an Ontario One Call locate request and coordinate digging up the tile himself with the Utility Operator. Once complete, Enbridge Gas agreed to compensate him for his time and material used. To Enbridge Gas’s knowledge, the landowner never completed this work because an Ontario One Call ticket was never created and he never submitted his time and expenses.	Resolved. If the landowner completes the work, Enbridge will compensate as agreed upon.
July 14, 2021	43310-0079	[REDACTED]	In a meeting on July 14th, 2021 regarding proposed well TL 8, a nearby landowner complained about the noise and light	At this time the drilling was complete and Enbridge Gas not able to do anything. Enbridge Gas is taking steps to address these issues during the drilling of well TL 8 on their property.	Resolved.

TL9 & TL9H: Summary of Landowner Complaints					
Date	Property ID	Landowner	Complaint	Resolution	Status
			from the drilling rig at TL9H.		

Appendix A

Project Mapping



Appendix B

Conditions of Licence

Application under Section 40 of the OEB Act

Enbridge Gas Inc. EB-2020-0256

RECOMMENDED CONDITIONS OF LICENCE

1. Enbridge Gas Inc. (Enbridge Gas) shall rely on the evidence filed with the OEB in the EB-2020-0256 proceeding and comply with applicable laws, regulations and codes pertaining to the construction of the Proposed Well.
2. The authority granted under this licence to Enbridge Gas is not transferable to another party without leave of the OEB. For the purpose of this condition another party is any party except Enbridge Gas.
3. Enbridge Gas shall construct the facilities and restore the land in accordance with its application and evidence given to the OEB, except as modified by this licence and these Conditions.
4. Enbridge Gas shall implement all the recommendations of the Environmental Report filed in the proceeding.
5. Prior to commencement of construction of the Proposed Well, Enbridge Gas shall obtain all necessary approvals, permits, licences, certificates, agreements and rights required to construct, operate and maintain the Proposed Well.
6. Enbridge Gas shall ensure that the movement of equipment is carried out in compliance with all procedures filed with the OEB, and as follows:
 - a) Enbridge Gas shall make reasonable efforts to keep the affected landowner(s) as well as adjacent landowners and their respective tenant farmers, or their designated representatives, informed of its plans and construction activities.
 - b) The installation of facilities and construction shall be coordinated to minimize disruption of agricultural land and agricultural activities.
7. Enbridge Gas shall, subject to the recommendation by an independent tile contractor and subject to the landowner's approval, construct upstream and downstream drainage headers adjacent to the drilling area and access roads that cross existing

systematic drainage tiles, prior to the delivery of heavy equipment, so that continual drainage will be maintained.

8. Both during and after construction, Enbridge Gas shall monitor the impacts of construction, and shall file with the OEB one electronic (searchable PDF) version of each of the following reports:
 - a) A Post Construction Report, within three months of the in-service date, which shall:
 - i. Provide a certification, by a senior executive of the company, of Enbridge Gas's adherence to Condition 1
 - ii. Describe any impacts and outstanding concerns identified during construction
 - iii. Describe the actions taken or planned to be taken to prevent or mitigate any identified impacts of construction
 - iv. Include a log of all complaints received by Enbridge Gas, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, the rationale for taking such actions
 - v. Provide a certification, by a senior executive of the company, that the company has obtained all other approvals, permits, licences, and certificates required to construct, operate, and maintain the proposed project
 - b) A Final Monitoring Report, no later than fifteen months after the in-service date, or, where the deadline falls between December 1 and May 31, the following June 1, which shall:
 - i. Provide a certification, by a senior executive of the company, of Enbridge Gas's adherence to Condition 1
 - ii. Describe the condition of any rehabilitated land
 - iii. Describe the effectiveness of any actions taken to prevent or mitigate any identified impacts during construction
 - iv. Include the results of analyses and monitoring programs and any recommendations arising therefrom
 - v. Include a log of all complaints received by Enbridge Gas, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, the rationale for taking such actions

10. For the purposes of these conditions, Enbridge Gas shall conform:
- a) With CSA Z341.1-18 "Storage of Hydrocarbons in Underground Formations" to the satisfaction of the Ministry of Natural Resources and Forestry (MNRF)
 - b) With the requirements for wells as specified in the Oil, Gas and Salt Resources Act, its Regulation 245/97, and the Provincial Operating Standards v.2 to the satisfaction of the MNRF
11. Enbridge Gas shall designate one of its employees as project manager who will be responsible for the fulfillment of these conditions, shall provide the employee's name and contact information to the MNRF, the OEB and to all the affected landowners, and shall clearly post the project manager's contact information in a prominent place at the construction site.

Appendix C

Executive Certifications



Application to Drill a Well in the Ladysmith Storage Pool
EB-2019-0012
Report of the Ontario Energy Board
July 25, 2019

I hereby certify that Enbridge Gas Inc. has relied on the evidence filed with the OEB in the EB-2019-0012 proceeding and complied with applicable laws, regulations and codes pertaining to the construction of the proposed well in accordance with the OEB's Report of the Ontario Energy Board, EB-2019-0012, Appendix A, Condition 7 (b)(i).

2023-04-28

Date

A handwritten signature in black ink, appearing to read "Jim Redford", written over a horizontal line.

Jim Redford

VP, Energy Services
Enbridge Gas Inc.

Condition 7 (a)(i).

7. Both during and after construction, Enbridge Gas shall monitor the impacts of construction, and shall file with the OEB one paper copy and one electronic (searchable PDF) version of each of the following reports:
 - b) A Final Monitoring Report, no later than fifteen months after the in-service date, or, where the deadline falls between December 1 and May 31, the following June 1, which shall:
 - i. Provide a certification, by a senior executive of the company, of Enbridge's adherence to Condition 1.

Condition 1

Enbridge Gas Inc. (Enbridge Gas) shall rely on the evidence filed with the OEB in the EB-2019-0012 proceeding and comply with the applicable laws, regulations and codes pertaining to the construction of the proposed wells.



Application by Enbridge Gas Inc. to Drill a Well in the Ladysmith Storage Pool
EB-2020-0256
Report of the Ontario Energy Board
April 22, 2021

I hereby certify that Enbridge Gas Inc. has relied on the evidence filed with the OEB in the EB-2020-0256 proceeding and complied with applicable laws, regulations and codes pertaining to the construction of the Proposed Well in accordance with the OEB's Report of the Ontario Energy Board, EB-2020-0256, Attachment A, Condition 8 (b)(i).

2023-04-26
Date


Jim Redford
VP, Energy Services
Enbridge Gas Inc.

Condition 8 (b)(i).

8. Both during and after construction, Enbridge Gas shall monitor the impacts of construction, and shall file with the OEB one electronic (searchable PDF) version of each of the following reports:
 - b) A Final Monitoring Report, no later than fifteen months after the in-service date, or, where the deadline falls between December 1 and May 31, the following June 1, which shall:
 - i. Provide a certification, by a senior executive of the company, of Enbridge Gas's adherence to Condition 1.

Condition 1

Enbridge Gas Inc. (Enbridge Gas) shall rely on the evidence filed with the OEB in the EB-2020-0256 proceeding and comply with the applicable laws, regulations and codes pertaining to the construction of the Proposed Well.