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May 27, 2024

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-2021-0078
2022 Storage Enhancement Project (Project)
Final Monitoring Report**

On April 7, 2022, the OEB issued its Decision and Order for the above noted proceeding which included, as Appendix A and Attachment A, several Conditions of Approval and Recommended Conditions of Licence, respectively.

Per Condition of Approval 6 (b) and Recommended Condition of Licence 8 (b) in the aforementioned 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 for the 2022 Storage Enhancement Project.

Please contact me if you have any questions.

Yours truly,

Evan Tomek

Evan Tomek
Advisor, Regulatory Applications – Leave to Construct

EB-2021-0078
2022 STORAGE ENHANCEMENT
PROJECT

FINAL MONITORING REPORT

Prepared By: Enbridge Gas Inc.
Environment
May 2024

TABLE OF CONTENTS

2022 Storage Enhancement Project Final Monitoring Report

1.0 Introduction.....	1
2.0 Background.....	5
3.0 Potential Impacts and Mitigation	7
3.1 Application under Section 91 of the OEB Act – Conditions of Approval.....	7
3.1.1 Condition 1.....	7
3.1.2 Condition 3.....	7
3.1.3 Condition 4.....	8
3.1.4 Condition 5.....	8
3.1.5 Condition 6.....	9
3.2 Application under Section 40 of the OEB Act – Recommended Conditions of Licence	11
3.2.1 Condition 1.....	11
3.2.2 Condition 3.....	12
3.2.3 Condition 4.....	12
3.2.4 Condition 5.....	12
3.2.5 Condition 6.....	13
3.2.6 Condition 7.....	14
3.2.7 Condition 8.....	14

4.0 Summary	17
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Table 1 – Potential Impacts and Mitigation Measures

Appendix A – Project Mapping

Appendix B – Conditions of Approval

Appendix C – Conditions of Licence

Appendix D – Executive Certifications

1.0 INTRODUCTION

This Final Monitoring Report is provided pursuant to the Ontario Energy Board's ("OEB") Decision and Order for the EB-2021-0078 proceeding. In that Decision and Order (dated April 7, 2022), the OEB granted Enbridge Gas Inc. ("Enbridge Gas") the following:

- Approval to increase the maximum operating pressure (MOP) of the Dow Moore storage pool to a MOP gradient of 16.51 kPa/m (0.73 psi/ft) and the Payne storage pool to a MOP gradient of 17.19 kPa/m (0.76 psi/ft);
- Leave, pursuant to section 91 of the OEB Act, to construct a new pipeline to connect a new storage well being constructed as part of the project to an existing gathering pipeline; and
- A favourable report to the Minister of Natural Resources¹ supporting the well licence application made by Enbridge Gas to the Ministry of Northern Development, Mines, Natural Resources and Forestry ("MNDMNR") to drill injection/withdrawal well TKC 69 in the Kimball-Colinville storage pool, under section 40(1) of the OEB Act.

The requirements for and details of this report are outlined in the specific conditions issued by the OEB in its Decision and Order dated April 7, 2022 and as listed below. There are two separate sets of conditions issued by the OEB (Leave to Construct – Conditions of Approval and the Recommended Conditions of Licence). The complete Conditions of Approval can be found in Appendix B. The Conditions of Approval addressed in this report are as follows:

Leave to Construct – Conditions of Approval

Condition 1

Enbridge Gas Inc. (Enbridge Gas) shall construct the facilities and restore the land in accordance with the OEB's Decision and Order in EB-2021-0078 and these Conditions of Approval.

Condition 3

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

¹ Ministry of Northern Development, Mines, Natural Resources and Forestry.

Condition 4

Enbridge Gas shall implement all the recommendations of the Environmental Report filed in the proceeding, and all the recommendations and directives identified by the Ontario Pipeline Coordinating Committee review.

Condition 5

Enbridge Gas shall advise the OEB of any proposed change to OEB-approved construction or restoration procedures. Except in an emergency, Enbridge Gas shall not make any such change without prior notice to and written approval of the OEB. In the event of an emergency, the OEB shall be informed immediately after the fact.

Condition 6

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, 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 4
- 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.

Recommended Conditions of Licence

Condition 1

Enbridge Gas Inc. (Enbridge Gas) shall rely on the evidence filed with the OEB in the EB-2021-0078 proceeding and comply with 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 this 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 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

2.0 BACKGROUND

Enbridge Gas identified the need to increase the deliverability and storage capacity of the existing Enbridge Gas storage facilities in Lambton County, Ontario to meet growing market demand for incremental storage space. To satisfy this demand, Enbridge Gas proposed to construct the 2022 Storage Enhancement Project (the "Project") and applied to the OEB on October 27, 2021 for the following:

- (1) Leave to vary and/or increase the maximum operating pressure of the Dow Moore and Payne storage pools under section 38(1) of the Ontario Energy Board Act, 1998 (OEB Act);
- (2) Leave to construct a new pipeline to connect a new storage well being constructed as part of the Project to an existing gathering pipeline, under section 91 of the OEB Act; and
- (3) A favourable report from the OEB to the Minister of Natural Resources supporting the well licence application made by Enbridge Gas to the MNMNR to drill

injection/withdrawal well TKC 69 in the Kimball-Colinville storage pool, under section 40(1) of the OEB Act.

On April 7, 2022, the OEB confirmed that the Project is in the public interest and issued a Decision and Order approving the application. In that Decision and Order, the OEB provided both Leave to Construct – Conditions of Approval and Recommended Conditions of Licence, applicable to the construction of the pipeline and drilling of the well, respectively. This Post Construction Report is provided pursuant to both sets of conditions.

Drilling of well TKC 69 was initiated on April 26, 2022 and was completed on May 15, 2022. Pipeline construction commenced on June 13, 2022 and was placed into service on September 9, 2022 which connected well TKC 69 to the existing gathering system. A Post Construction Report was provided to the OEB on December 1, 2022 pursuant to Condition of Approval 6 (a) and Recommended Condition of Licence 8 (a) contained in the EB-2021-0078 Decision and Order.

The proposed well drilling and associated works occurred on land owned by Enbridge Gas, on Lot 18, Concession 5, Township of St. Clair, Lambton County, Ontario in the Kimball-Colinville 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 location of the proposed temporary drilling pad;
- Construction of the temporary drilling pad;
- Drilling of well TKC 69;
- Connecting well TKC 69 to the existing gathering system with the installation of approximately 85 m of new Nominal Pipe Size (NPS) 10 inch pipeline; and
- Clean up and restoration.

The temporary gravel drilling pad was approximately 8100 square metres during well drilling and was reduced to approximately 60 square metres centred around the well upon completion. A permanent access laneway to the new well was also installed.

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 Application under Section 91 of the OEB Act – Conditions of Approval

3.1.1 Condition 1

Enbridge Gas Inc. (Enbridge Gas) shall construct the facilities and restore the land in accordance with the OEB's Decision and Order in EB-2021-0078 and these Conditions of Approval.

Enbridge Gas constructed the facilities and restored the land in accordance with the OEB's Decision and Order in the EB-2021-0078 proceeding and the Conditions of Approval.

3.1.2 Condition 3

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

Enbridge Gas obtained all approvals, permits, licences, and certificates required to construct, operate and maintain the well prior to the commencement of construction. The following environmental approvals were obtained for the Project:

St. Clair Region Conservation Authority

- Permit to drill a new natural gas well (TKC 69) and expand facilities at the Kimball-Colinville Storage Pool File Reference R#2021-0731.

Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI)

- Archaeology clearances under the MHSTCI File Numbers 0016240, 0015044, 0015043.

- Stage 1-2 Archaeological Assessment for Part of Lot 21, Concession 7, Geographic Township of Moore, now Township of St. Clair, Lambton County, Ontario.
- Stage 1-2 Archaeological Assessment for Part of Lot 18, Concession 5, Geographic Township of Moore, now Township of St. Clair, Lambton County, Ontario.
- Stage 1-2 Archaeological Assessment for Part of Lot 22, Concession 7, Geographic Township of Moore, now Township of St. Clair, Lambton County, Ontario.

3.1.3 Condition 4

Enbridge Gas shall implement all the recommendations of the Environmental Report filed in the proceeding, and all the recommendations and directives identified by the Ontario Pipeline Coordinating Committee review.

Enbridge Gas implemented all the recommendations of the Environmental Report filed in the proceeding and all the recommendations and directives identified by the Ontario Pipeline Coordinating Committee review. Please refer to Table 1 to confirm Enbridge Gas's adherence to the recommendations and mitigation measures identified in the Environmental Report.

3.1.4 Condition 5

Enbridge Gas shall advise the OEB of any proposed change to OEB-approved construction or restoration procedures. Except in an emergency, Enbridge Gas shall not make any such change without prior notice to and written approval of the OEB. In the event of an emergency, the OEB shall be informed immediately after the fact.

There were no changes to OEB-approved construction or restoration procedures during the Project.

3.1.5 Condition 6

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, 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 December 1, 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 4*

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 implemented all the recommendations of the Environmental Report filed in the proceeding, and all the recommendations and directives identified by the Ontario Pipeline

Coordinating Committee review. The signed executive certification is provided in Appendix D of this report.

ii. describe the condition of any rehabilitated land

All disturbed land has been returned to at least pre-construction conditions or to the satisfaction of the impacted landowner, municipality and/or agency. All natural areas were re-vegetated/returned to a suitable state for intended purposes and no further clean-up is 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

Archaeological Assessments

Enbridge Gas retained the services of Stantec to complete Archaeological Assessments for the Project area. Clearance letters were received from the MHSTCI for Stage 1 and Stage 2 Archaeological Assessments prior to construction. No archaeological sites or artifacts were identified during construction.

Water Well Monitoring

Prior to construction, Enbridge Gas retained a third-party hydrogeologist (Stantec) to conduct a water well monitoring program in the Project area as recommended in the Environmental Report. The purpose of the program was to establish baseline groundwater conditions for comparative purposes should groundwater interference complaints arise as a result of construction or operation of the well. Letters were sent to landowners within the study area of 1 km. One resident replied and

requested water well testing. No adverse effects to water well quality occurred as a result of construction.

Species at Risk

Prior to construction, Stantec completed detailed habitat assessments and field surveys to confirm species at risk (SAR) habitat and species occurrences in the Project Area. SAR habitat was not identified in the Project Area; however, awareness of SAR was promoted to the construction contractor (via fact sheets) and measures to mitigate potential impacts to all wildlife were also communicated to the contractor should SAR or other wildlife be encountered during construction. There were no impacts to SAR 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, which identifies the status of complaints received as a result of pipeline construction, was in effect. A complaint is identified as a concern raised by a landowner or member of the public that has not been resolved to their satisfaction. No complaints were received during construction therefore a complaints log was not created.

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

3.2 Application under Section 40 of the OEB Act – Recommended Conditions of Licence

3.2.1 Condition 1

Enbridge Gas Inc. (Enbridge Gas) Shall rely on the evidence filed with the OEB in the EB-2021-0078 proceeding and comply with 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 EB-2021-0078 proceeding and complied with the applicable laws, regulations and codes pertaining to the construction of the Proposed Well.

3.2.2 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 this 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.

3.2.3 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 Report filed in the proceeding. Please refer to Table 1 to confirm Enbridge Gas's adherence to the recommendations and mitigation measures identified in the Environmental Report.

3.2.4 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 approvals, permits, licences, and certificates required to construct, operate, and maintain the well. The following environmental approvals were obtained for the Project:

St. Clair Region Conservation Authority

- Permit to drill a new natural gas well (TKC 69) and expand facilities at the Kimball-Colinville Storage Pool File Reference R#2021-0731.

Ministry of Heritage, Sport, Tourism and Culture Industries

- Archaeology clearances under the MHSTCI File Numbers 0016240, 0015044, 0015043.
- Stage 1-2 Archaeological Assessment for Part of Lot 21, Concession 7, Geographic Township of Moore, now Township of St. Clair, Lambton County, Ontario.
- Stage 1-2 Archaeological Assessment for Part of Lot 18, Concession 5, Geographic Township of Moore, now Township of St. Clair, Lambton County, Ontario.
- Stage 1-2 Archaeological Assessment for Part of Lot 22, Concession 7, Geographic Township of Moore, now Township of St. Clair, Lambton County, Ontario.

3.2.5 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.*

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:

- 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 temporary drilling pads and pipeline to maintain soil integrity and prevent topsoil/subsoil mixing during restoration.
- Upon removal of the gravel pad, areas disrupted by drilling and pipeline construction were restored to pre-construction conditions to allow for agricultural operations to continue.

3.2.6 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.

Drainage was effectively maintained during construction.

3.2.7 Condition 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*

A Post Construction Report that satisfied the above conditions was completed and filed with the OEB on December 1, 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-2021-0078 proceeding and complied with applicable laws, regulations and codes pertaining to the construction of the Proposed Well. The signed executive certification is provided in Appendix D of this report.

- ii. Describe the condition of any rehabilitated land*

All disturbed land has been returned to at least pre-construction conditions or to the satisfaction of the impacted landowner, municipality and/or agency. All natural areas were re-vegetated/returned to a suitable state for intended purposes and no further clean-up is required.

iii. Describe the effectiveness of any actions taken to prevent or mitigate any identified impacts during 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

Archaeological Assessments

Enbridge Gas retained the services of Stantec to complete Archaeological Assessments for the Project area. Clearance letters were received from the MHSTCI for Stage 1 and Stage 2 Archaeological Assessments prior to construction. No archaeological sites or artifacts were identified during construction.

Water Well Monitoring

Prior to construction, Enbridge Gas retained a third-party hydrogeologist (Stantec) to conduct a water well monitoring program in the Project area as recommended in the Environmental Report. The purpose of the program was to establish baseline groundwater conditions for comparative purposes should groundwater interference complaints arise as a result of construction or operation of the well. Letters were sent to landowners within the study area of 1 km. One resident replied and requested water well testing. No adverse effects to water well quality occurred as a result of construction.

Species at Risk

Prior to construction, Stantec completed detailed habitat assessments and field surveys to confirm SAR habitat and species occurrences in the Project Area. SAR habitat was not identified in the Project Area; however, awareness of SAR was promoted to the construction contractor (via fact sheets) and measures to mitigate potential impacts to all wildlife were also communicated to the contractor should

SAR or other wildlife be encountered during construction. There were no impacts to SAR 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, the rationale for taking such actions

Enbridge Gas's Complaint Tracking System, which identifies the status of complaints received because of pipeline construction, was in effect. A complaint is identified as a concern raised by a landowner or member of the public that has not been resolved to their satisfaction. No complaints were received during construction therefore a complaints log was not created.

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

4.0 SUMMARY

This Final Monitoring Report has been prepared pursuant to the Conditions of Approval and Recommended Conditions of Licence for the EB-2021-0078 proceeding. The report provides confirmation that Enbridge Gas has complied with the Conditions of Approval and the Recommended Conditions of Licence, includes the results of analyses and monitoring programs and any recommendations arising therefrom, describes the condition of any rehabilitated land, and describes the effectiveness of any actions taken to prevent or mitigate any identified impacts during construction. 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.	<ul style="list-style-type: none"> - 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. - 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.	<ul style="list-style-type: none"> - Pre-construction tiling was determined not to be necessary for this project. - No tiles were disrupted or broken during the construction. - 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.	<ul style="list-style-type: none"> - 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.	<ul style="list-style-type: none"> - Areas disrupted by drilling and pipeline construction were restored by re-grading followed by chisel ploughing and disking.
Fuel Storage and Handling	Improper fuel storage and handling may have caused spilling and possible soil contamination.	<ul style="list-style-type: none"> - Fuel was not stored near watercourses (i.e. within 50 m). - Fuel storage areas were clearly marked. - Secondary containment was used in fuel storage areas to protect against spillage and leakage.

Table 1: Potential Impacts and Mitigation Measures		
Issue	Potential Impact	Mitigation Measure
		<ul style="list-style-type: none"> - 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.	<ul style="list-style-type: none"> - 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.	<ul style="list-style-type: none"> - 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.	<ul style="list-style-type: none"> - Ditches were returned to pre-construction conditions or better as quickly as possible.
Nuisance Dust	Disturbance to landowners and tenants.	<ul style="list-style-type: none"> - Dust control was not required for the duration of the construction.
Underground Utilities	Disruption of services.	<ul style="list-style-type: none"> - Locates were obtained from all utilities. - Any damages to utilities were repaired as soon as possible.
Archaeology, Cultural Heritage Landscapes and Built Heritage Resources	Disturbance of heritage resources.	<ul style="list-style-type: none"> - Archaeological Assessments were completed prior to construction. - Direction was given to stop construction if artifacts were encountered and to notify the

Table 1: Potential Impacts and Mitigation Measures		
Issue	Potential Impact	Mitigation Measure
		<p>Ministry of Heritage, Sport, Tourism and Culture Industries.</p> <ul style="list-style-type: none"> - 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. No Cultural Heritage features were identified as part of the project footprint and therefore no mitigation plan was required.
Water Wells	Disruption to water supply.	<ul style="list-style-type: none"> - Enbridge Gas implemented its standard well monitoring program. - If water quality/quantity concerns occurred because of construction activities, the Company would supply potable water until the situation was corrected. - No disruption to water supply occurred as part of this project and therefore supply of potable water was not required.
Trees	Damage to trees and disturbance to wildlife.	<ul style="list-style-type: none"> - Tree removal did not occur as part of construction.
Natural Areas	Sedimentation run-off.	<ul style="list-style-type: none"> - Sediment barriers such as straw bales/sediment fencing were used where there was potential for runoff.
Contaminated Soils	<p>Dealing with contaminated materials.</p> <p>Public safety issue.</p>	<ul style="list-style-type: none"> - 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.

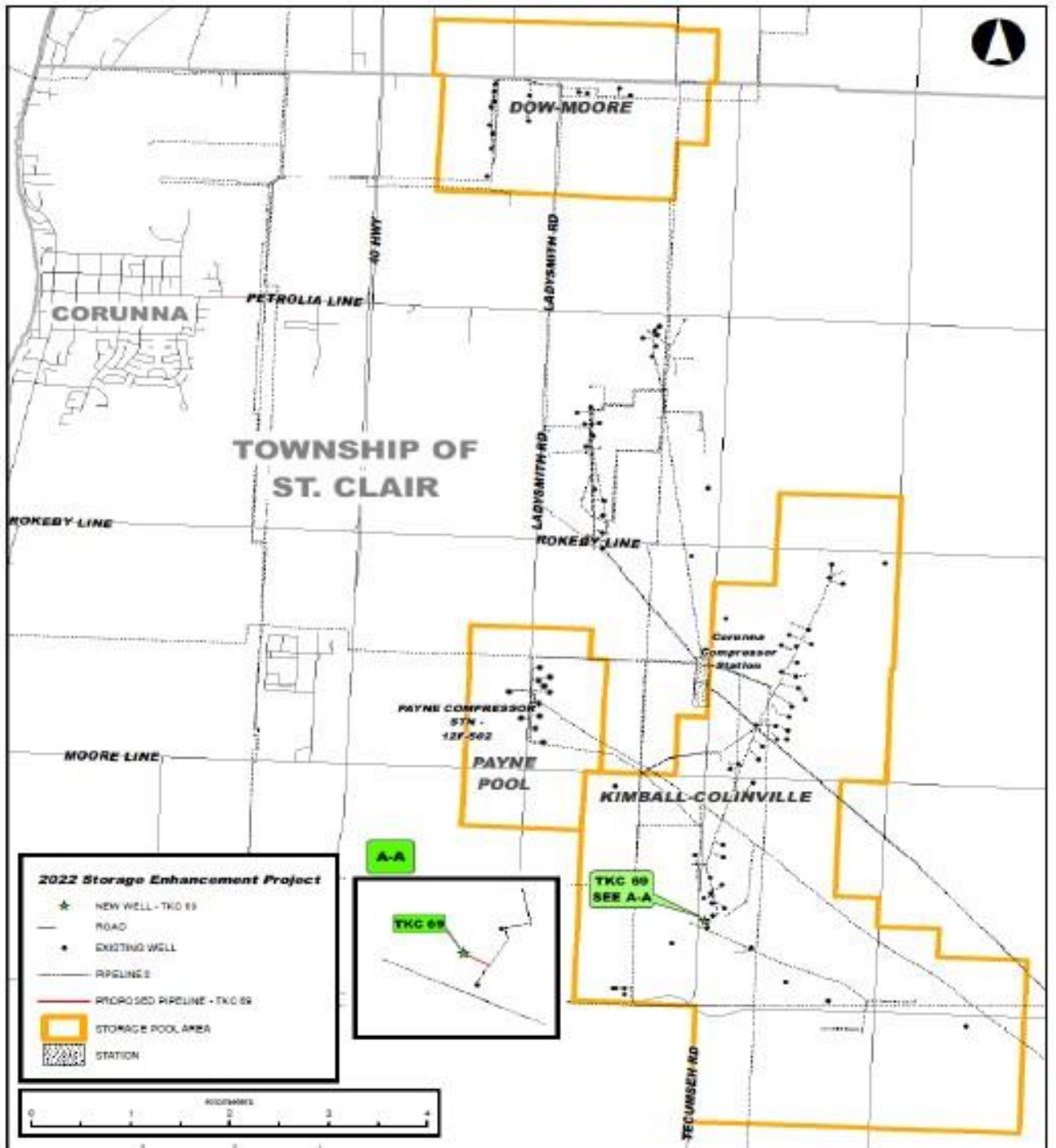
Table 1: Potential Impacts and Mitigation Measures		
Issue	Potential Impact	Mitigation Measure
Soil Handling	Improper soil handling could permanently affect soil productivity and vegetative growth.	<ul style="list-style-type: none"> - Topsoil from agricultural lands was stripped during dry soil conditions 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.	<ul style="list-style-type: none"> - 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.	<ul style="list-style-type: none"> - In addition to Enbridge Gas's water well monitoring program and standard erosion and sediment controls, the follow measures were implemented: <ul style="list-style-type: none"> 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
		<ul style="list-style-type: none"> ○ Fuel nozzles were equipped with functional automatic shutoffs 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.	<ul style="list-style-type: none"> - Vehicles, machinery and personnel were restricted 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. - No Nuisance wildlife was observed or reported as part of this project. - If larger wildlife (e.g., deer) were struck with vehicles or equipment, the MNRF was to be notified. - No collisions with wildlife occurred during this project. - Food waste and other debris were properly contained and were collected and removed from the site daily to an approved facility. - Wildlife was not fed or interacted with. - The possession of firearms on Enbridge facilities and projects is 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: <ul style="list-style-type: none"> ○ All persons entering the site were provided training about Butler's Gartersnakes.

Table 1: Potential Impacts and Mitigation Measures		
Issue	Potential Impact	Mitigation Measure
		<ul style="list-style-type: none"> ○ Continual awareness and avoidance of snakes crossing roadways was encouraged through training programs for 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.

Appendix A

Project Mapping



Appendix B

Conditions of Approval

Application under Section 91 of the OEB Act

Enbridge Gas Inc. EB-2021-0078

CONDITIONS OF APPROVAL

1. Enbridge Gas Inc. (Enbridge Gas) shall construct the facilities and restore the land in accordance with the OEB's Decision and Order in EB-2021-0078 and these Conditions of Approval.
2. (a) Authorization for leave to construct shall terminate 12 months after the decision is issued, unless construction has commenced prior to that date.
(b) Enbridge Gas shall give the OEB notice in writing:
 - i. of the commencement of construction, at least 10 days prior to the date construction commences
 - ii. of the planned in-service date, at least 10 days prior to the date the facilities go into service
 - iii. of the date on which construction was completed, no later than 10 days following the completion of construction
 - iv. of the in-service date, no later than 10 days after the facilities go into service
3. Prior to the commencement of construction of the Proposed Pipeline, Enbridge Gas shall obtain all necessary approvals, permits, licences, certificates, agreements and rights required to construct, operate and maintain the Proposed Pipeline.
4. Enbridge Gas shall implement all the recommendations of the Environmental Report filed in the proceeding, and all the recommendations and directives identified by the Ontario Pipeline Coordinating Committee review.
5. Enbridge Gas shall advise the OEB of any proposed change to OEB-approved construction or restoration procedures. Except in an emergency, Enbridge Gas shall not make any such change without prior notice to and written approval of the OEB. In the event of an emergency, the OEB shall be informed immediately after the fact.
6. 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, 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 4
 - 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
- 7. Enbridge Gas shall designate one of their employees as project manager who will be the point of contact for these conditions, and shall provide the employee's name and contact information to the OEB and to all affected landowners, and shall clearly post the project manager's contact information in a prominent place at the construction site.

Appendix C

Conditions of Licence

Application under Section 40 of the OEB Act

Enbridge Gas Inc.

EB-2021-0078

RECOMMENDED CONDITIONS OF LICENCE

1. Enbridge Gas Inc. (Enbridge Gas) shall rely on the evidence filed with the OEB in the EB-2021-0078 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

9. 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 Northern Development, Mines, Natural Resources and Forestry (Natural Resources)
 - 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 Natural Resources
10. 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 Natural Resources, 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 D


Executive Certifications



Application by Enbridge Gas Inc. under Section 91 of the OEB Act
EB-2021-0078
Conditions of Approval
April 7, 2022

I hereby certify that Enbridge Gas Inc. has implemented all the recommendations of the Environmental Report filed in the proceeding, and all the recommendations and directives identified by the Ontario Pipeline Coordinating Committee review in accordance with the OEB's Decision and Order in EB-2021-0078 and the Conditions of Approval, as per Condition 6 (b)(i).

May 15/2024
Date


Jim Redford
Vice President, Energy Services
Enbridge Gas Inc.

Condition 6 (b)(i).

6. Both during and after construction, Enbridge Gas shall monitor the impacts of construction, and shall file with the OEB an 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 4.

Condition 4

Enbridge Gas shall implement all the recommendations of the Environmental Report filed in the proceeding, and all the recommendations and directives identified by the Ontario Pipeline Coordinating Committee Review.



Application under Section 40 of the OEB Act

Enbridge Gas Inc.

EB-2021-0078

Recommended Conditions of Licence

April 7, 2022

I hereby certify that Enbridge Gas Inc. has relied on the evidence filed with the OEB in the EB-2021-0078 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-2021-0078, Attachment A, Condition 8 (b)(i).

MAY 15, 2024

Date



Jim Redford

Vice President, 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.