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BY EMAIL

September 20, 2021

Christine E. Long
Registrar
Ontario Energy Board
2300 Yonge Street, 27th Floor
Toronto ON M4P 1E4

Dear Ms. Long:

Re: EB-2021-0079 Application for the Corunna and Ladysmith Well Drilling Project

In accordance with Procedural Order #1, please find attached the Ontario Energy Board (OEB) staff interrogatories in the above proceeding. The applicant and intervenors have been copied on this filing.

Enbridge Gas Inc.'s (Enbridge Gas) responses to interrogatories are due by September 30, 2021.

Any questions relating to this letter should be directed to Judith Fernandes, Project Advisor at Judith.Fernandes@oeb.ca or at 416-440-7638. The Board's toll-free number is 1-888-632-6273.

Yours truly,

Judith Fernandes
Natural Gas Applications

Encl.

**OEB Staff Interrogatories
Enbridge Gas Inc.
EB-2021-0079**

Please note, Enbridge Gas is responsible for ensuring that all documents it files with the OEB, including responses to OEB staff interrogatories and any other supporting documentation, do not include personal information (as that phrase is defined in the *Freedom of Information and Protection of Privacy Act*), unless filed in accordance with rule 9A of the OEB's *Rules of Practice and Procedure*.

Staff-1

Ref.: Exh C/Tab 1/Sch 1, pp. 2,3

Preamble:

In its application, Enbridge Gas requested that a favourable report be issued by September 16, 2021 in order to undertake the well drilling activity in October 2021. Enbridge Gas stated that otherwise the Project will need to be deferred to 2022 following the close of storage withdrawal operations.

Questions:

1. Please provide a response to the following questions regarding the Project schedule:
 - a) Please explain why it is necessary for Enbridge Gas to install the proposed wells in the fall of this year.
 - b) Please comment on the implications for the Project if the planned well drilling cannot take place in October 2021.
 - c) What is the latest time by which Enbridge Gas would need to be licensed to permit Enbridge Gas to not defer the Project to 2022? For example, could Enbridge Gas stagger injections into the various pools such that observation wells TC 8 and TL 8 would be last in the injection cycle?
2. Please confirm whether Enbridge Gas has now deferred the Project to 2022.
 - a) If so, please advise when in 2022 Enbridge Gas expects to undertake the Project.
 - b) If not, please advise as to when a decision is needed if Enbridge Gas expects to undertake construction prior to 2022.
3. Does Enbridge Gas intend to construct both wells in a single construction project?

4. If only one well licence were granted in time for fall 2021 construction, would Enbridge Gas defer the construction of both wells to 2022, or would it proceed to install the one well for which a licence had been granted?

Staff-2

Ref: Exh E/Tab1/Sch 1/p.1-3

Preamble:

Section 10 of the *Oil, Gas and Salt Resources of Ontario, Provincial Operating Standards* requires that facilities for storage of hydrocarbons in underground formations shall be designed, constructed, operated, maintained and abandoned in accordance with CSA Standard Z341 – *Storage of Hydrocarbons in Underground Formations* (CSA Z341).

As a condition of approval in past proceedings, the OEB has required that the applicant conform with the relevant requirements of the CSA Z341 to the satisfaction of the Ministry of Northern Development, Mines, Natural Resources and Forestry (MNDMNRF). In its application, Enbridge Gas has acknowledged this requirement.

Enbridge Gas states that it has completed the following risk assessment activities for each of the storage pools:

- Assessment of neighbouring activities (“Assessment”) to determine the impact of the Project on wells within 1 km, operations within 5 km, and the integrity of all wells penetrating the storage zone
- “What If” Analysis of hazards and operability issues of well drilling for each of the Pools. This was provided to the MNDMNRF in 2015 for the drilling of TC 8 and TC 9H wells¹; in 2018 for the drilling of TL 9 and TL 8 wells² and in 2020 as part of Enbridge Gas’s 2021/2022 Storage Enhancement Project³:

Enbridge Gas further states that the MNDMNRF did not communicate any concern with any of these past “What if” analyses.

Questions:

1. Has Enbridge Gas had any discussions with the MNDMNRF regarding MNDMNRF’s review and provision of its comments and conclusion on compliance with CSA Z341? If so, please provide a summary of those discussions.

¹ EB-2015-0303

² EB-2019-0012

³ EB-2020-0256

2. Does Enbridge Gas have any objection to the OEB imposing a condition of approval that requires Enbridge Gas to conform to the relevant requirements of CSA Z341 to the satisfaction of the MNDMNR? If so, please explain Enbridge Gas's opposition to such a condition.
3. The facilities addressed by CSA Z341 include wells, well heads, subsurface equipment, and safety equipment (including monitoring, control, and emergency shutdown systems). Does Enbridge Gas accept that as operator of these facilities it has a responsibility to ensure that all safety and environmental issues are addressed and that it will comply with the *Oil, Gas and Salt Resources of Ontario Act*, O. Reg. 245/97 and CSA Z341?

Staff-3

Ref: Exh F/ Tab 1/ Sch 1/ p. 2,3 and Attachment 4

Preamble:

Enbridge Gas states that the Stage 2 AA survey for observation well TL 8 identified one archaeological location (Location 1), with 19th to 20th century Euro-Canadian artifact scatter. Enbridge states that given the presence of at least 20 diagnostic artifacts that date to a period of use before 1900, Location 1 fulfills the criteria for further Stage 3 archaeological investigation. Enbridge Gas states that the Stage 3 AA survey will be completed in summer 2021.

Questions:

1. Please confirm whether the Stage 3 AA survey has been completed.
2. Has the Stage 3 AA report been submitted to the Ministry of Heritage, Sport, Tourism and Cultural Industries (MHSTCI)?
3. Has Enbridge Gas received the MHSTCI clearance letter? If not, please provide an update on the status of this approval including when Enbridge Gas expects to receive approval.

Staff-4

Ref: Exh G/Tab 1/Sch1/pp.1-3 and Summary of OPCC Comments, Exh F/ Tab 1/ Sch 1/ Attachment 8, p.1

Preamble:

Enbridge Gas states that land use requirements for the Project consist of the construction of gravel pads and access lanes, all located on privately owned lands. Enbridge Gas also states that its land agents have contacted the parties directly impacted by the Project.

Questions:

1. Please confirm whether any of the landowners that have been notified have indicated their support of the Project. If possible, please provide any letters of support from the landowners. If not, please provide an update on the status of any negotiations that are underway.
2. Enbridge Gas states that its legal right to drill observation well TL8 is based on the existing Gas Storage Lease with the third party farmer and this negates any concerns from ongoing negotiations. Enbridge Gas also states that it has provided the third party farmer with a Letter of Acknowledgment.
 - a) Please explain what Enbridge Gas means by these statements. What is the purpose of the Letter of Acknowledgment given the existing Gas Storage Lease with the third party farmer?
 - b) Please explain the nature of the ongoing negotiations.
 - c) If possible, please provide a copy of the Gas Storage Lease.
3. Has Enbridge Gas obtained the required easement from Infrastructure Ontario for the permanent gravel lane to be constructed that intersects with the existing gravel road owned by St. Clair Township? If not, please provide an update on the status of obtaining this easement.
4. Has Enbridge Gas obtained the access road easement required from Hydro One Networks Inc.? If not, please provide an update on the status of this required easement.
5. The application states that St. Clair Township has agreed to transfer ownership of the existing gravel road to Enbridge Gas and that Enbridge Gas has signed the transfer agreement. Please provide an update on the status of this transfer.

Staff-5

Ref: Intervention Request letter of Claire and Helen Robbins (the Robbins) and Environmental Report, p.3

Preamble:

The Robbins state that the proposed well TL8 will infringe on their farming infrastructure and future development of buildings and residential sites. They state that recent work on TL9 (which was located 635 metres from their residence) produced excessive noise, vibration and lighting distractions which brought concerns for both their health and the health of their livestock. They further state that as the proposed well TL8 will only be 175 metres from their residence and livestock facilities, they expect the disruption will be magnified.

The Environmental Report (ER) notes that Enbridge Gas may be required to obtain a permit/approval with respect to By-Law Number 44 of 2014 of the Corporation of the Township of St. Clair, being a by-law regulating and prohibiting within the Township of St. Clair noise or noises likely to disturb the inhabitants.

Questions:

1. Please provide Enbridge Gas's response to the Robbins' concerns:
 - a) Please include without limitation, a discussion of any noise, vibration and lighting distractions in relation to the Robbins' property that may be caused by the proposed TL8 well.
 - b) Please provide a summary of any discussions that Enbridge Gas has had with the Robbins.
 - c) Please describe any actions that Enbridge Gas has undertaken or that Enbridge Gas intends to undertake to address the concerns raised by the Robbins.
2. Please discuss Enbridge Gas's experience with mitigating impacts of well drilling projects on livestock.
3. Please confirm whether Enbridge Gas does require a permit/approval with respect to By-Law Number 44. If so, please provide an update on the status of this permit/approval and advise how this permit/approval has a bearing, if any, on the concerns raised by the Robbins.

Staff-6

Ref: Letter of Comment - Gary Robbins

Preamble:

Mr. Gary Robbins (referred to as Gary Robbins to distinguish him from Claire and Helen Robbins, referred to in Staff-5), who has an adjacent property, raises concern about the Project stating that Enbridge Gas installed a new drain last year where the former swale and tile drain but it is proving insufficient to catch much of the water due to the significantly increased amount of runoff. Gary Robbins states that the Enbridge Gas development has changed the grades and elevations and there are increasing amounts of water running off onto his property.

Questions:

1. Please provide Enbridge Gas's response to Gary Robbins' concern:
 - a) Please describe Enbridge Gas's understanding of the issue described by Gary Robbins.
 - b) Please discuss how the proposed TL8 project is expected to affect drainage on the Gary Robbins property.
 - c) Please provide a summary of any discussions that Enbridge Gas has had with Gary Robbins.
 - d) Please describe any actions that Enbridge Gas has undertaken or that Enbridge Gas intends to undertake to address Gary Robbins' concern.

Staff-7

Ref: Environmental Report, Section 1.4, p. 3 and Exh H/ Tab 1/ Sch 1/ Att 1, p.3

Preamble:

Enbridge Gas has identified that approval may be required from the St. Clair Region Conservation Authority.

Question:

1. Please confirm whether any approval or permit that is required from St. Clair Region Conservation Authority has been obtained. If not, please provide an update on the status of any required permit/approval.

Staff-8

Ref.: Exh A/Tab 2/Sch 1

Preamble:

Enbridge Gas has applied for well drilling licences under section 40(1) of the OEB Act. Should the OEB determine that it is appropriate to do so it would issue a favourable report to the Minister of Natural Resources⁴ recommending the issuance of the well licences and may also recommend certain conditions.

Question:

⁴ Currently the Minister of Northern Development, Mines, Natural Resources and Forestry

1. Please comment on the OEB staff proposed conditions of licence set out below. Please note that these conditions are draft and subject to additions or changes.

**Application under Section 40 of the OEB Act
Enbridge Gas Inc. EB-2021-0079**

PROPOSED CONDITIONS OF LICENCE

1. Enbridge Gas Inc. (Enbridge Gas) shall rely on the evidence filed with the OEB in the EB-2021-0079 proceeding and comply with applicable laws, regulations and codes pertaining to the construction of the proposed wells.
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:
 - i. 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
 - ii. 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; and
 - 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; and
 - 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 with:
- a) CSA Z341.1-18 "Storage of Hydrocarbons in Underground Formations" to the satisfaction of the Ministry of Northern Development, Mines, Natural Resources and Forestry (MNDMNRF); and

- b) 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 MNDMNRF.
10. Enbridge Gas shall designate one of its 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 MNDMNRF, 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.