

**ENBRIDGE GAS DISTRIBUTION INC.
BATHURST PIPELINE LEAVE TO CONSTRUCT
EB-2018-0097**

OEB STAFF INTERROGATORIES

Interrogatory # 1

Ref: Pre-filed Evidence, page 1

Preamble:

Enbridge Gas Distribution Inc. (Enbridge) requests leave to construct approximately 3.2 kilometers nominal pipe size (NPS) 12-inch and 20 metres of NPS 8-inch natural gas pipeline in the City of Toronto.

Questions:

- a) Please provide a reference number for the applicable Municipal Franchise Agreement(s).
- b) Please provide a reference number for the applicable certificate(s) of public convenience and necessity.

Interrogatory # 2

Ref: Application cover letter
Exhibit A, Tab 2, Schedule 1, page 1
Exhibit B, Tab 1, Schedule 1, page 2
Exhibit C, Tab 1, Schedule 1, page 3

Preamble:

The application cover letter states that Enbridge is proposing to build “up to 3.6 km” of pipeline (the length of the alternative route). Elsewhere in its application, Enbridge Gas describes the proposed pipeline as being 3.2 km in length (the length of the preferred route).

Questions:

- a) Please confirm the length of the proposed pipeline.
- b) If the proposed length of the pipeline is 3.2 km but there may be a need to construct up to 3.6 km, please explain what would necessitate any additional length and where the additional length would be constructed.

- c) Please confirm that any additional length is considered in the Environmental Report.
- d) Please confirm that any additional length is accounted for in the project economics.

Interrogatory # 3

Ref: Exhibit C, Tab 1, Schedule 2, page 2

Preamble:

Enbridge states that additional Species at Risk mitigation measures may be developed based on ongoing conversations with the Ministry of Natural Resources and Forestry.

Question:

Please provide an update on conversations with the Ministry of Natural Resources and Forestry and any additional Species at Risk mitigation measures.

Interrogatory # 4

Ref: Exhibit C, Tab 1, Schedule 3, page 1

Preamble:

Copies of the Environmental Reports were resubmitted to the Ontario Pipeline Coordination Committee (OPCC) on July 13, 2018. At the time of submission of the Application, no comments had been received from the OPCC. Enbridge will update the OEB regarding the OPCC review process of the ER should further information become available.

Question:

Please file an update on the comments (in tabular format) that Enbridge has received as part of the OPCC review. Include the dates of communication, the issues and concerns identified by the parties, as well as Enbridge's responses and actions to address these issues and concerns.

Interrogatory # 5

Ref: Exhibit C, Tab 1, Schedule 4, page 1

Preamble:

A Stage 1 Archaeological Assessment of the preferred and alternate routes were completed and submitted to the Ministry of Tourism, Culture, and Sport (MTCS) for review. At the time of submission of the Application, no comments had been received from the MTCS.

Questions:

- a) What is the status of MTCS' review of the Stage 1 Archaeological Assessment?
- b) Please provide copies of any correspondence Enbridge has received from MTCS since providing the Stage 1 Archaeological Assessment for review.

Interrogatory # 6

Ref: Exhibit D, Tab 1, Schedule 2, page 1

Preamble:

The design pressure of the pipeline is reported as being 5675 kPa. This is higher than the typical design pressure of 4500 kPa reported in previous Enbridge Gas pipeline applications.¹

Question:

Please explain why the design pressure is higher for this project than for other recent Enbridge projects.

Interrogatory # 7

Ref: Exhibit C, Tab 1, Schedule 3, page 1
Exhibit D, Tab 2, Schedule 1, page 1
Exhibit E, Tab 1, Schedule 1, page 2

Preamble:

The primary pipeline installation method will be via horizontal directional drill (HDD). The estimated Labour and Construction Cost is approximately \$5.5 million representing approximately 80% of the project sub-total (i.e., the project cost less contingency and interest during construction). There is a 30% contingency applied to the project sub-total. The Profitability Index (PI) of the project is 0.857.

Questions:

¹ Examples include: Fenelon Falls EB-2017-0147 E/1/2/1, Scugog Island EB-2017-0261 E/1/2/1, Don River EB-2018-0108 D/1/2/1.

- a) How many kilometres of the estimated length of the pipeline is planned to be installed by HDD?
- b) Please explain how the estimate for Labour and Construction Cost was determined.
- c) If the estimate for Labour and Construction Cost has been updated since the Application was filed, please provide the new estimate along with a variance explanation.
- d) Please explain the need for a 30% contingency.
- e) If the need for a 30% contingency was the result of uncertainties associated with the stage of planning and design the project was in at the time of the Application, please provide an updated estimate for the contingency based on the latest available information.
- f) If the estimated Labour and Construction Cost and/or contingency costs have changed, please provide an updated PI.
- g) Please compare the total capital cost of the project to two or more comparable projects completed by Enbridge in the last five years.

Interrogatory # 8

Ref: Exhibit F, Tab 1, Schedule 1, page 1
Exhibit F, Tab 1, Schedule 1, Attachment 1
Exhibit F, Tab 1, Schedule 2, page 1
Exhibit F, Tab 1, Schedule 3, Attachment 1

Preamble:

According to section 97 of the Ontario Energy Board Act, 1998 (OEB Act), "In an application under section 90, 91 or 92, leave to construct shall not be granted until the applicant satisfies the Board that it has offered or will offer to each owner of land affected by the approved route or location an agreement in a form approved by the Board."

Enbridge states that the preferred route is completely within the public road allowance. Some temporary working areas may be required. Enbridge filed its form of temporary working area agreement as part of the Application.

Enbridge further states that a permanent easement is required from the Toronto and Region Conservation Authority (TRCA). Enbridge did not file its form of permanent easement agreement as part of the Application.

Questions:

- a) Has the form of temporary working area agreement filed as part of the Application been previously approved by the OEB? If so, in what proceeding?
- b) Please explain why a permanent easement is required from the TRCA. Also, please provide an update on easement negotiations with the TRCA.
- c) Please provide a copy of the proposed form of permanent easement agreement.
- d) Has the form of easement agreement Enbridge has offered (or will offer) to the TRCA been previously approved by the OEB? If so, in which proceeding?

Interrogatory # 9

Ref: Exhibit C, Tab 1, Schedule 1, page 2

Preamble:

The evidence shows that more than one routing alternative was considered. However, there is no evidence that any alternatives to constructing a pipeline in the vicinity of Bathurst Street and Steeles Avenue West were considered (e.g., increasing station outlet pressures in surrounding networks, pressure elevation(s), looping the network at a different location(s), etc.).

Question:

Please identify and describe the alternatives to constructing a pipeline in the vicinity of Bathurst Street and Steeles Avenue West that were considered. . Please include cost and timing estimates for each alternative. If no alternatives were considered, please explain why not.

Interrogatory # 10

Ref: Pre-filed Evidence, page 1

Enbridge applied for leave to construct facilities under section 90(1) of the OEB Act.

Question:

OEB staff has prepared the following draft Conditions of Approval. If Enbridge does not agree to any of the draft conditions of approval noted below, please identify the specific conditions that Enbridge disagrees with and explain why.

For conditions in respect of which Enbridge would like to recommend changes, please provide the proposed changes.

Draft
Leave to Construct Conditions of Approval
Application under Section 90 of the OEB Act
Enbridge Gas Distribution Inc.
EB-2018-0097

1. Enbridge Gas Distribution Inc. (Enbridge) shall construct the facilities and restore the land in accordance with the OEB's Decision and Order in EB-2018-0097 and these Conditions of Approval.
2. (a) Authorization for leave to construct shall terminate 18 months after the decision is issued, unless construction has commenced prior to that date.

(b) Enbridge shall give the OEB notice in writing:
 - i. Of the commencement of construction, at least ten days prior to the date construction commences
 - ii. Of the planned in-service date, at least ten 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. Enbridge 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.
4. Enbridge shall advise the OEB of any proposed change to OEB-approved construction or restoration procedures. Except in an emergency, Enbridge 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.
5. Concurrent with the final monitoring report referred to in Condition 6(b), Enbridge shall file a Post Construction Financial Report, which shall indicate the actual capital costs of the project and shall provide an explanation for any significant variances from the cost estimates filed in this proceeding. Enbridge shall also file a copy of the Post Construction Financial Report in the proceeding where the actual capital costs of the project are proposed to be included in rate base or any proceeding where Enbridge proposes to start collecting revenues associated with the

project, whichever is earlier.

6. Both during and after construction, Enbridge 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'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, 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's adherence to Condition 3
 - 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, 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