

ENBRIDGE GAS DISTRIBUTION INC. RESPONSE TO  
BOARD STAFF INTERROGATORY #46

INTERROGATORY

Issue: D-3

*Are the proposed facilities designed in accordance with current technical and safety requirements?*

- a) Please file a copy of correspondence with the TSSA which confirms that the TSSA has reviewed the design and pipe specifications for the Project and that it has no outstanding concerns regarding Enbridge's compliance with pipeline design, technical and safety requirements under TSSA's jurisdiction.

RESPONSE

- (a) Please refer to the following two attachments for communication received from Oscar Alonso of the TSSA:
- Attachment 1 - Letter from Oscar Alonso dated November 26, 2013
  - Attachment 2 – Email from Oscar Alonso dated May 7, 2013.



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November 26, 2012

SR# 951814

Ms. Bonnie Jean Adams,  
Regulatory Coordinator, Regulatory Affairs  
Enbridge Gas Distribution Inc.  
500 Consumers Road - North York, ON M2J 1P8

**Re: Enbridge Gas Distribution Inc. - GTA Project - Environmental Report**

Dear Ms. Adams,

I reviewed the referenced project and toured the preferred route in company of EGD representatives on November 22, 2012.

The construction of two segments of natural gas pipelines, to upgrade the natural gas distribution system in the Greater Toronto Area, consists in the installation of pipe size (NPS) 36-inch (915 millimeter) diameter high pressure underground natural gas pipelines and associated facilities and identified as Segment A and Segment B.

Segment A originates at the proposed Parkway West Station located south of the intersection of Highway 407 and Highway 401 in the Town of Milton. The pipeline parallels an existing EGDI NPS 36 pipeline and travels northeast in the Parkway Belt and ends at the proposed expansion area for the Albion Road Station located on the southwest corner of Highway 427 and Albion Road, Toronto.

This segment will be operated at approx. 40% SMYS and be considered a transmission line as per the general requirements of the Oil and Gas Pipeline System Code Adoption Document (CAD), FS-196-12. As such, Section 2.(5) of the CAD, amending clause 4.3.4. of CSA Z662-11 is applicable. This amendment incorporates requirements for High Consequence Areas. Also applicable will be the amendment of Section 2.(9) of the CAD, requiring Emergency Communication Meetings.

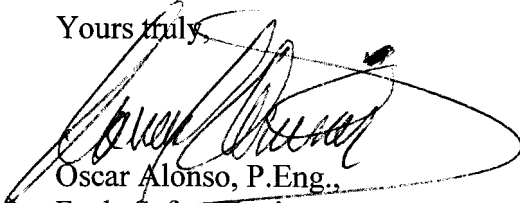
Segment B originates at the Keele/Canadian National Railway (CNR) Station located on Keele Street, approximately 400 north of Steeles Avenue in the City of Vaughan and ends within the utility corridor in the vicinity of Sheppard Avenue, between Pharmacy Avenue and Warden Avenue, in the City of Toronto. As this pipeline is designed to a stress level below 30% SMYS, it is considered a distribution line.

...2

Ms. Bonnie Jean Adams,  
November 26, 2012

The report prepared by Dillon Consulting Limited on the GTA Project dated September 20, 2012, prepared for Enbridge Gas Distribution, with the provisions noted, is acceptable to us.

Yours truly,



Oscar Alonso, P.Eng.,  
Fuels Safety Engineer  
Tel. 416 734 3353  
oalonso@tssa.org

c: Ms. Zora Cmojacki  
Chairperson, OPCC  
Ontario Energy Board  
P.O. Box 2319  
2300 Younger Street, 27<sup>th</sup>. Floor  
Toronto, ON M4P 1E4

I/fsesb/oa/GTA Project, Bonnie Adams

**Bonnie Adams**

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**From:** Oscar Alonso <oalonso@tssa.org>  
**Sent:** Tuesday, May 07, 2013 2:55 PM  
**To:** Bonnie Adams  
**Subject:** Re: Enbridge Gas Distribution Inc. - EB-2012-0451 - Greater Toronto Area ("GTA") Project

Dear Ms. Adams,

I reviewed the changes for the GTA Project, Environmental Report Amendment, February 2013 prepared by Dillon Consulting. I did receive additional information I requested from EGD and I'm satisfied that the alteration will bring benefits to the project.

EGD, as I was informed, will be re-evaluating the High Consequence Areas as consequence of installing a larger pipeline (NPS 42 instead of NPS 36) that will serve the needs of TransCanada and EGD. The NPS 42 will be operated by EGD.

Yours truly,

Oscar Alonso

On Mon, Apr 22, 2013 at 9:10 AM, Bonnie Adams <[Bonnie.Adams@enbridge.com](mailto:Bonnie.Adams@enbridge.com)> wrote:

Good Morning,

On February 12, 2013, Enbridge Gas Distribution Inc. ("Enbridge") filed an amendment to the application and evidence to notify the Ontario Energy Board (the "Board") and interested parties of the three changes to the proposed route for Segment A for the EB-2012-0451 GTA Project.

The three changes are summarized as:

1. Shorten Segment A due to a change in the Start Point;
2. Share and Re-size Segment A; and,
3. Relocate the Parkway West Gate Station and associated tie-in.

The proposed changes were reviewed by Dillon Consulting Limited and an amendment to the "*GTA Project: Environmental Report*" was included in the updates filed in February. For reference, attached please find the amendment to the report filed as Exhibit B, Tab 2, Schedule 1, Attachment 4.

Additional updates to the application and evidence were filed with the Board and interested parties on April 15, 2013 (email notification to the OPCC members provided below).

Further to the recent notification, I have attached for your review the updates to Exhibit C, Tab 1, Schedules 1 and 2. These exhibits were updated to provide information on the design specifications and hydrostatic test procedures for the change in the diameter the proposed pipeline for Segment A from an NPS 36 to NPS 42.

Please acknowledge you have received the notifications of the changes to Segment A of the proposed GTA Project (as outlined above) and advise if you required any additional information for your review.

Feel free to contact me if you have any questions and/or comments regarding the project.

Sincerely,

**Bonnie Jean Adams**

**Regulatory Project Coordinator - GTA Project**

Enbridge Gas Distribution Inc.

Phone: [\(416\)495-6409](tel:4164956409)

Email: [bonnie.adams@enbridge.com](mailto:bonnie.adams@enbridge.com)

Website: [www.enbridgegas.com/gtaproject](http://www.enbridgegas.com/gtaproject)

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**From:** EGD Regulatory Proceedings

**Sent:** Tuesday, April 16, 2013 4:39 PM

**To:** [Zora.Crnojacki@ontarioenergyboard.ca](mailto:Zora.Crnojacki@ontarioenergyboard.ca); [chris.schiller@ontario.ca](mailto:chris.schiller@ontario.ca); [tony.difabio@ontario.ca](mailto:tony.difabio@ontario.ca); [oalonso@tssa.org](mailto:oalonso@tssa.org); [goran.ciric@ontario.ca](mailto:goran.ciric@ontario.ca); [dan.panko@ontario.ca](mailto:dan.panko@ontario.ca); [angela.homewood@ontario.ca](mailto:angela.homewood@ontario.ca); [paula.allen@ontario.ca](mailto:paula.allen@ontario.ca); [Ruth.Orwin@ontario.ca](mailto:Ruth.Orwin@ontario.ca); [mark.smithson@ontario.ca](mailto:mark.smithson@ontario.ca); [steven.strong@ontario.ca](mailto:steven.strong@ontario.ca)

**Subject:** FW: Enbridge Gas Distribution Inc. - EB-2012-0451 - Greater Toronto Area ("GTA") Project - Updated Application and Evidence - OPCC

On December 21, 2012, Enbridge Gas Distribution Inc. ("Enbridge") filed a "Leave To Construct" Application with the Ontario Energy Board (the "Board") in respect to certain natural gas pipelines and related facilities in the Greater Toronto Area ("GTA"), known as the GTA Project. The GTA Project has a western component, referred to as Segment A and an eastern component, referred to as Segment B.

On February 12, 2013, Enbridge filed an amendment to the application and evidence to notify the Board of three changes to the proposed route for Segment A, including a change in the starting point. The new starting point lies along the original proposed routing.

Further to the above noted submissions, on April 15, 2013, Enbridge filed additional updates to the application and evidence for the project. A summary of the updates can be found at Exhibit A, Tab 2, Schedule 4.

All evidence filed with the Board for the GTA Project, as well as the Environmental Report Amendment, is available on the Enbridge website at the following link:  
[www.enbridgegas.com/gtaproject](http://www.enbridgegas.com/gtaproject).

Please contact me if you have any questions regarding the GTA Project.

Sincerely,

Shari Lynn Spratt  
Supervisor Regulatory Proceedings  
Regulatory Affairs  
Enbridge Gas Distribution Inc.  
[416 495-5499](tel:4164955499)  
[EGDRegulatoryProceedings@enbridge.com](mailto:EGDRegulatoryProceedings@enbridge.com)

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Oscar Alonso, P.Eng.,  
Fuels Safety Engineer

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ENBRIDGE GAS DISTRIBUTION INC. RESPONSE TO  
CONSUMERS COUNCIL OF CANADA INTERROGATORY #25

INTERROGATORY

3. Are the proposed facilities designed in accordance with current technical and safety requirements?

D.5-CCC-25

Reference: A/T3/S8

- a) Has the project being reviewed by the TSSA? If so please provide any report or comment provided the agency.
- b) What regulatory requirements does the TSSA require Enbridge to undertake prior to construction? Please provide a list and the estimated time table for completion.

RESPONSE

- (a) Please refer to the response to Board Staff Interrogatory #46 found at Exhibit I.D3.STAFF.46 Attachments 1 and 2.
- (b) No regulatory requirements were identified by the TSSA. All required permits and easements will be obtained prior to construction.

Witness: B. Madrid



ENBRIDGE GAS DISTRIBUTION INC. RESPONSE TO  
ENERGY PROBE RESEARCH FOUNDATION INTERROGATORY #84

INTERROGATORY

Issue D3      Are the proposed facilities designed in accordance with current technical and safety requirements?

Ref:    EB-2012-0451 Exhibit B, Tab 2, Schedule 1, Environmental Report, 5.6.3 Consultation Feedback from Open Houses, Page 136, Table 22

Preamble: Enbridge indicates it undertakes regular inspection and maintenance of all system components.

Please provide EGD's planned maintenance schedule for the system components of Segment A and Segment B.

RESPONSE

With respect to Exhibit B, Tab 2, Schedule 1, Environmental Report, 5.6.3 Consultation Feedback from Open Houses, page 136, Table 22, both Segment A and B will be added to the Company's Integrity Management Program. Enbridge's pipeline integrity program requires In-Line Inspections ("ILI") using sophisticated Robot (i.e., "Smart Pig") for all the integrity pipelines, to be conducted on a seven-year interval as per the current Company policy. Both Segment A and B pipelines and all associated stations will be included in the yearly maintenance programs which include the following; leak survey, corrosion survey, valve inspection/maintenance, and weekly aerial patrols.

For the GTA Project, there will be an ILI conducted on both Segment A and Segment B following the construction of the pipelines to verify installation quality. This will in turn serve as a baseline for all future ILI's on the two pipelines. The baseline inspection will be completed using intelligent ILI tools that have the capacity to identify pipeline features, such as mechanical damage, manufacturing defects, corrosion, and cracks.

Witness: B. Madrid

ENBRIDGE GAS DISTRIBUTION INC. RESPONSE TO  
TORONTO DISTRICT SCHOOL BOARD INTERROGATORY #43

INTERROGATORY

Issues: D.3 and D.6

A number of Toronto District School Board ("TDSB") schools are located within 100 m of Segment B of Enbridge Gas Distribution Inc.'s ("Enbridge") proposed pipeline.

- a) Please advise what measures Enbridge will take to prevent students from accessing the pipeline construction areas.
- b) Please advise what measures Enbridge will take to ensure that dust and noise from the construction of the pipeline do not affect students at the schools.
- c) Please advise what measures Enbridge will take to direct students safely around the construction areas.
- d) Can Enbridge undertake to appoint a liaison person to communicate the timing of construction work to the impacted schools?
- e) Please advise of any other safeguards that Enbridge will take to ensure that students and staff at the impacted schools are not adversely affected by the construction.

RESPONSE

- a) Enbridge will work to limit construction adjacent to schools during the school year where possible. In the cases where this is not possible, Enbridge will fence off construction areas and provide signage that clearly marks the construction areas. We will have an Enbridge community liaison on site to help guide students around the site at lunch and before and after school. Where possible, construction will take place in the summer months when there are fewer people accessing schools. Regular communication will take place with school representatives throughout the construction period. Enbridge will also strive, where possible, to have surface facilities placed away from the school property.

Witness: B. Madrid

- b) Enbridge recognizes that there are potential construction impacts and is committed to discussing concerns and working with the schools and communities. Enbridge will abide by all municipal Noise By-Laws for the duration of the construction period, and will work to reduce the noise impacts on local residents and students. Enbridge will control dust by appropriate watering of active construction areas. Details of the construction plan, mitigation of construction effects, and commitments from Enbridge regarding managing the construction phase are documented in the Environmental Report provided in Exhibit B, Tab 2, Schedule 1. The Environmental Report includes recommended measures for limiting noise, dust and traffic impacts during construction as well as other construction related impacts that may arise. Enbridge will liaise with local communities and schools on construction timing and mitigation during the months closer to commencement of the construction period.
- c) Please refer to response for (a) above.
- d) Yes.
- e) As part of the detailed engineering design process and construction planning, Enbridge will continue to engage School Board representatives throughout the process.

Refer to the Correspondence Tables at the following references for information Enbridge communicated to the TDSB: Exhibit B, Tab 2, Schedule 1, Attachment 5, as captured in the Comment Response – Public and Stakeholders section (pages 49 to 66); Exhibit B, Tab 2, Schedule 1, Appendix A.14 (f) in the Comment Response - Public and Stakeholders section (pages 510 to 525).