

London Lines Replacement Project Virtual Open House



Purpose of the Virtual Open House

- Provide a safe alternative to an in-person meeting due to current social distancing requirements set out by the Province of Ontario and the Government of Canada.
- Consult with Indigenous communities, the public, and regulatory authorities regarding the proposed Preferred Route, and potential impacts.
- Provide an opportunity for these individuals and any affected landowners and the general public to review the proposed Project, and to ask any questions and/or provide comments to representatives from Enbridge and Stantec.



London Lines Replacement Project Virtual Open House



Environmental Study Process

The environmental study and Environmental Report will be completed as per the OEB's "*Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*."

The study will:

- Undertake consultation to understand the views of interested and potentially affected parties.
- Consult with Indigenous communities to understand interests and potential impacts.
- Be conducted during the earliest phase of the Project.
- Identify potential impacts of the Project.
- Develop environmental mitigation and protective measures to avoid or minimize potential impacts.
- Develop an appropriate environmental inspection, monitoring and follow-up program.



London Lines Replacement Project Virtual Open House



Ontario Energy Board (OEB) Review and Approval Process

The application to the OEB will include information on the Project including:

- The need for the Project
- Environmental Report and mitigation measures
- Facility alternatives
- Project costs and economics
- Pipeline design and construction
- Land requirements
- Consultation with Indigenous Communities

The OEB will then hold a public hearing to review the Project.

If the OEB determines that the Project is in the public interest it will approve construction of the Project.

Additional information about the
OEB process can be found at:
www.ontarioenergyboard.ca

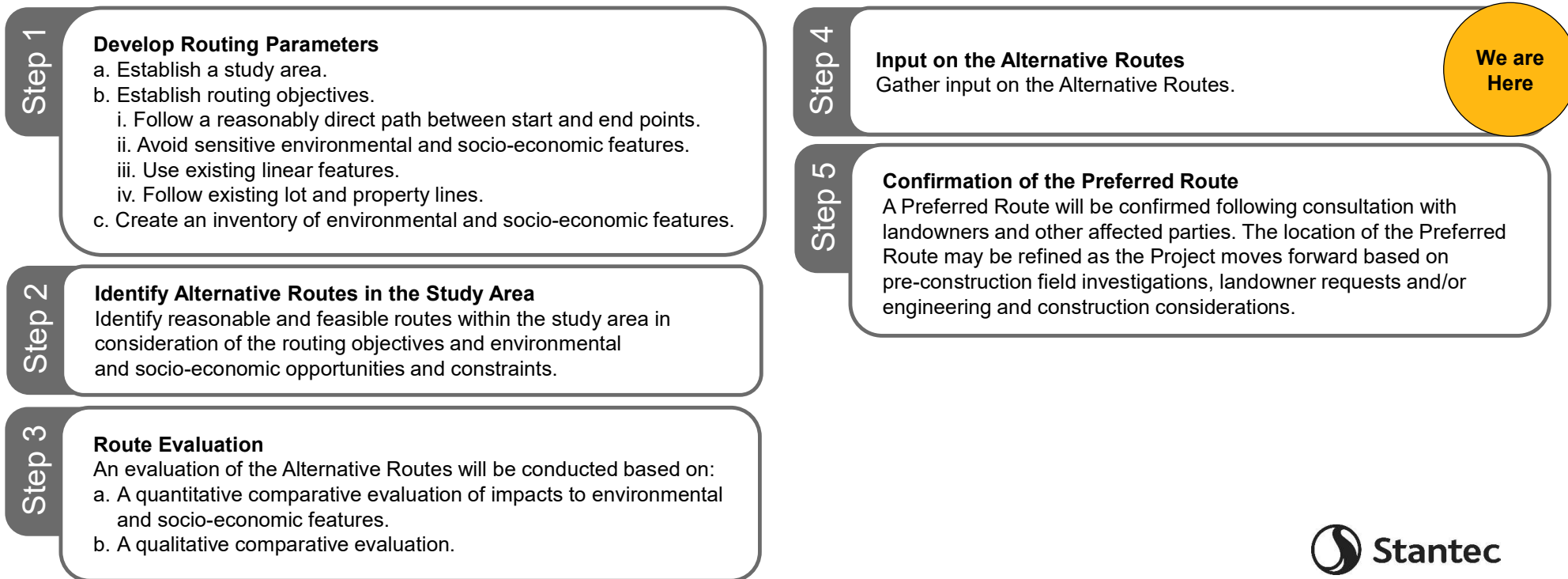


London Lines Replacement Project Virtual Open House



Preferred Route selection process

The Preferred Route for the proposed pipeline will be selected through a five-step process.



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Route Evaluation Methodology

- Study Area pipeline routing constraints include natural heritage features, slope, topography, and socio-economic features and landscapes.
- A GIS routing exercise was undertaken that examined all mapped routing constraints and opportunities to generate alternative segments.
- The alternative segments follow existing linear infrastructure such as road easements and avoid, to the extent possible, existing environmental and socio-economic features.

An interactive map that shows the entire proposed Route and the alternative segments can be accessed at:

<https://stantec.maps.arcgis.com/apps/webappviewer/index.html?id=08cbf589324748f598206747f7665976>

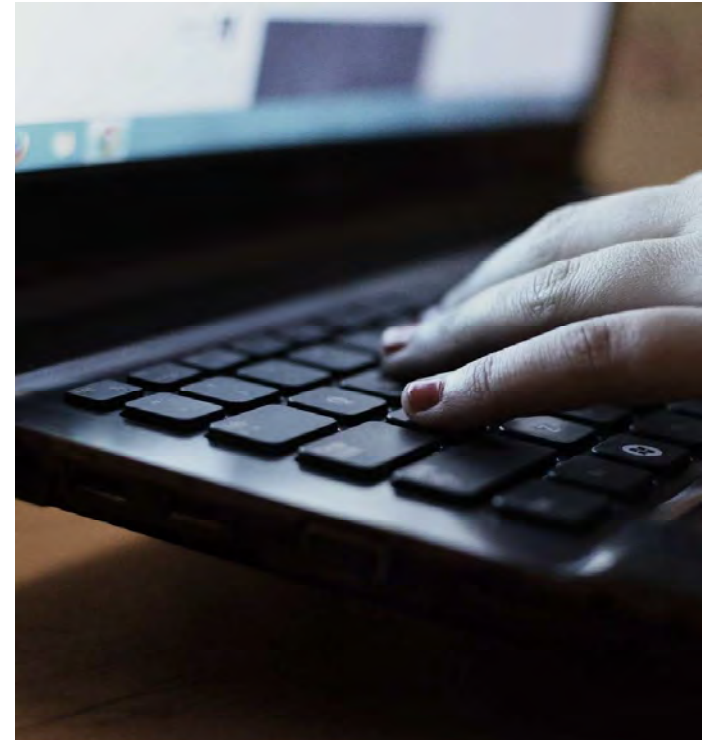


London Lines Replacement Project Virtual Open House

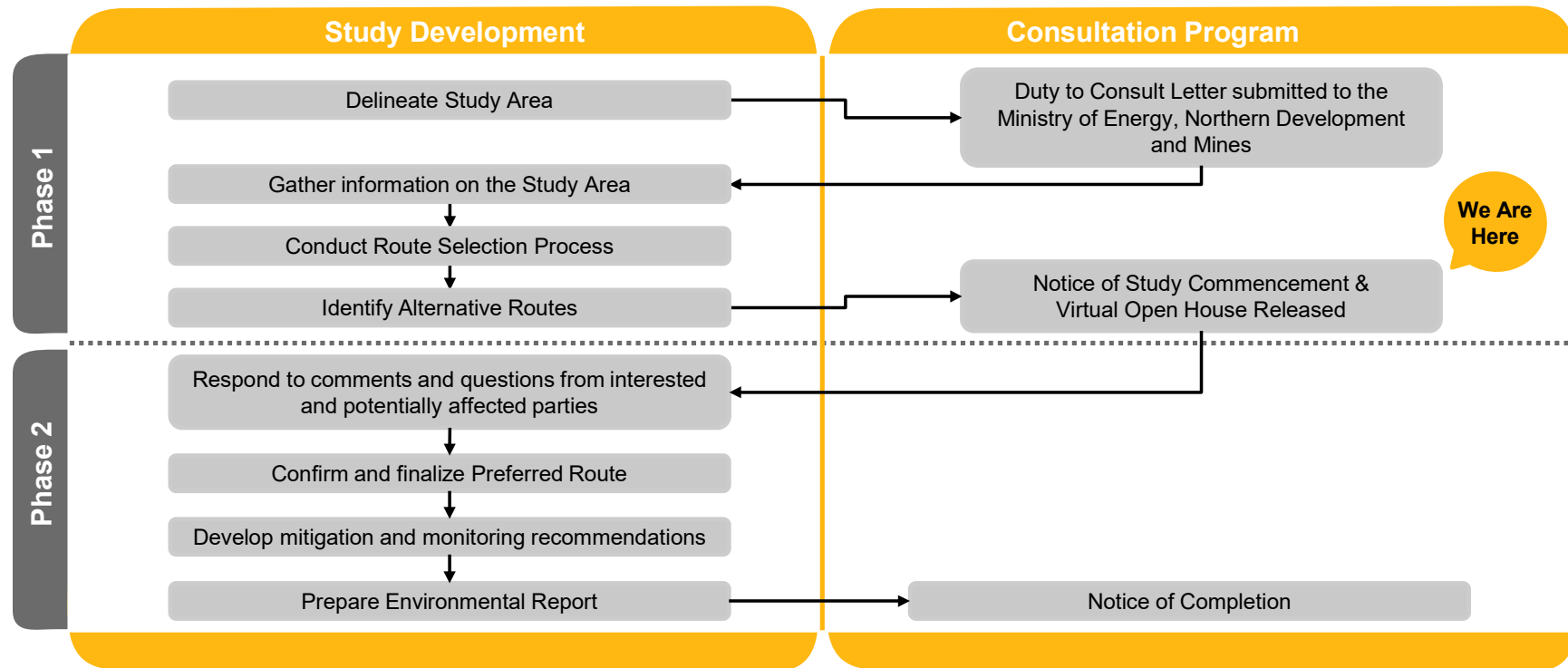


Consultation

- Consultation is a key component of the Environmental Report.
- The consultation program helps identify and address stakeholder concerns and issues, provides information about the Project to the stakeholders, and allow for participation in the Project review and development process.
- Input will be used to help finalize the preferred pipeline route and mitigation plans for the project.
- Once the Leave-to-Construct (LTC) application is made to the OEB, any party with an interest in the Project, including members of the public, can participate in the process.



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Environmental Study Process



London Lines Replacement Project Virtual Open House



Indigenous People Policy

Enbridge recognizes the diversity of Indigenous peoples who live where we work and operate. We understand from history the destructive impacts on the social and economic wellbeing of Indigenous Peoples. Enbridge recognizes and realizes the importance of reconciliation between Indigenous communities and the broader society. Positive relationships with Indigenous peoples, based on mutual respect and focused on achieving common goals, will create positive outcomes for Indigenous communities. Enbridge commits to pursue sustainable relationships with Indigenous Nations and groups in proximity to where Enbridge conducts business. To achieve this, Enbridge will govern itself by the following principles:

- We recognize the legal and constitutional rights possessed by Indigenous peoples, and the importance of the relationship between Indigenous Peoples and their traditional lands and resources. We commit to working with Indigenous communities in a manner that recognizes and respects those legal and constitutional rights and the traditional lands and resources to which they apply. We commit to ensuring that our projects and operations are carried out in an environmentally responsible manner.
- We understand the importance of the United Nations Declaration on the Rights of Indigenous Peoples in the context of existing Canadian law and the commitments that the government has made to protecting the rights of Indigenous Peoples.
- We engage in forthright and sincere consultation with Indigenous Peoples about Enbridge's projects and operations through processes that seek to achieve early and meaningful engagement. Indigenous engagement help define our projects that may occur on lands traditionally occupied by Indigenous Peoples.
- We commit to working with Indigenous Peoples to achieve benefits for them resulting from Enbridge's projects and operations, including opportunities in training and education, employment, procurement, business development, and community development.
- We foster understanding of the history and culture of Indigenous Peoples among Enbridge's employees and contractors, in order to create better relationships between Enbridge and Indigenous communities.

This commitment is a shared responsibility involving Enbridge and its affiliates, employees and contractors. We will conduct business in a manner that reflects the above principles. Enbridge will provide ongoing leadership and resources to effectively implement the above principles, including the development of implementation strategies and specific action plans. Enbridge commits to periodically review this policy so that it remains relevant and respects Indigenous culture and varied traditions.



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Environment, Health and Safety Policy

Our commitment

- Enbridge is committed to protecting the health and safety of all individuals affected by our activities.
- Enbridge will provide a safe and healthy working environment and will not compromise the health and safety of any individual.
- Our goal is to have no incidents and mitigate impacts on the environment by working with our stakeholders, peers and others to promote responsible environmental practices and continuous improvement.
- Enbridge is committed to environmental protection and stewardship and we recognize that pollution prevention, biodiversity and resource conservation are key to a sustainable environment.
- All employees are responsible and accountable for contributing to a safe working environment, for fostering safe working attitudes, and for operating in an environmentally responsible manner.



London Lines Replacement Project Virtual Open House



Access and Land Requirements

- Once a preferred route is selected, an Enbridge Land Agent will begin discussions with landowners for the appropriate land rights necessary for the construction, decommission and/or removal of the pipeline.
- Enbridge is committed to working with all directly affected landowners in anticipation of acquiring early access agreements in order to gather essential information, including but not limited to, land survey data, environmental, archaeological and property site features, along with negotiating the necessary land rights.
- These land rights will consist of permanent easements and/or temporary land rights. The temporary land rights are only required during project construction activities.
- Enbridge will ensure that a Land Agent is available to each landowner during all pipeline construction activities.
- The Land Agent will keep all landowners informed of the progress of the project and assist with any concerns that may arise as a result of the construction activities.



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Agricultural Soils

Enbridge has established and tested measures to preserve the integrity of agricultural soils throughout the construction phase:

- A third-party soils specialist will determine topsoil depth prior to stripping and supervise activities so the proper depth of topsoil is removed and replaced.
- Topsoil will be stripped from the right-of-way and other work areas and stockpiled along the right-of-way. A separation will be maintained between topsoil and subsoil.
- Enbridge Gas will implement a wet soil shutdown protocol on agricultural lands to minimize soil structure damage.
- The subsoil on the stripped portion of the right-of-way will be chisel ploughed or sub-soiled during cleanup activities to alleviate compaction.
- Any agricultural drainage systems impacted by construction will be repaired.
- Enbridge Gas will develop and implement a sampling program on agricultural easements along the pipeline route for potential pests and/or diseases that are known to the area, where appropriate.
- The entire outside boundaries of the work space necessary for construction of the project will be staked at regular intervals.
- A post-construction cover crop program will be available to landowners.



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Maintaining Agricultural Drainage Systems

- Landowners will be contacted prior to construction to confirm the location and type of existing drains. Any future drainage plans will also be discussed with the landowner.
- Field tile will be temporarily re-routed during pre-construction activities where required to ensure proper drainage during construction.
- Damaged and severed drains will be repaired following construction. After repair and prior to backfilling, landowners will be invited to inspect and approve the repair. Any on-going field tile issues resulting from pipeline construction will be addressed by Enbridge Gas as required.



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Socio-economic Features

The project will be constructed through road right of way, private business areas, agricultural and residential land, along with land regulated by both Canadian Pacific and Canadian National Railways, and land regulated by Hydro One, Lower Thames Valley Conservation Authority, St. Clair Region Conservation Authority, and Upper Thames River Conservation Authority.

Potential Effects

- Temporary increases in noise, dust and air emissions.
- Increased construction traffic volumes.
- Temporary impairment of the use and enjoyment of property.
- Vegetation clearing along the pipeline easement.

Example Mitigation Measures

- Provide access across the construction area.
- Restrict construction to daylight hours and adhere to applicable noise by-laws.
- Develop and implement a Traffic Control Plan.
- Place fencing at appropriate locations for safety.
- Implement a water well monitoring program.
- Making contact information for a designated Enbridge Gas representative available prior to and throughout construction.
- Dust control measures.
- Re-vegetation of cleared areas (seeding/planting).



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Aquatic Resources

Enbridge understands the importance of protecting wildlife during construction and therefore will implement recognized mitigation measures to minimize possible environmental effects.

Potential Effects

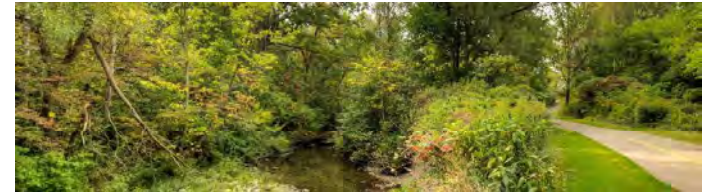
- Disruption and alteration to aquatic species and habitat and/or nuisance effects.
- Increased erosion, sedimentation, and turbidity resulting from removal of vegetation.

Example Mitigation Measures

- Conduct surveys of waterbodies.
- Obtain all agency permits and approvals.
- Limit in-channel construction, where possible, and conform to fish timing window guidelines.
- For in-channel construction, protect aquatic species and manage sedimentation and turbidity.
- Restore and seed areas to establish habitat and reduce erosion.
- Replant vegetation along waterways.



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Cultural Heritage Resources

During the course of construction, cultural heritage features such as archaeological finds, buildings, fences and landscapes may be encountered. Detailed field surveys will be conducted by independent, third-party archaeologists and cultural heritage professionals.

Potential Effects

- Damage or destruction of archaeological, paleontological or historical resources.

Example Mitigation Measures

- Archaeological assessment of the construction right-of-way, with review and comment from the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI).
- Cultural heritage assessment (for built heritage features and cultural heritage landscapes) of the construction right-of-way, with review and comment from MHSTCI.
- Reporting of any previously unknown archaeological, paleontological or historical resources uncovered, or suspected of being uncovered, during excavation.



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Terrestrial Resources

During the course of construction, natural heritage features such as wildlife habitat and vegetated/wooded areas will need to be crossed.

Potential Effects

- Damage or removal of vegetation and wildlife habitat adjacent to the construction area.
- Disturbance and/or mortality to local wildlife.

Example Mitigation Measures

- Conduct surveys (including Species at Risk surveys) in advance of construction to determine opportunities for wildlife habitat to exist.
- Clearly mark the construction area to avoid accidental damage.
- Restore and seed areas to establish habitat and reduce erosion.
- Secure any necessary permits and follow any conditions of approval.



London Lines Replacement Project Virtual Open House



Pipeline Design

The high-grade steel pipeline is designed to meet and/or exceed the regulations of the Canadian Standards Association (Z662 Oil and Gas Pipeline Systems) and the applicable regulations of the Technical Standards & Safety Association (TSSA).

Pipeline Safety and Integrity

We take many steps to ensure safe, reliable operation of our network of natural gas pipelines, such as:

- Design, construct, and test our pipelines to meet or exceed requirements set by industry standards and regulatory authorities,
- Continuously monitor the entire network, and
- Perform regular field surveys to detect leaks and confirm corrosion prevention methods are working as intended.



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Pipeline Construction

1. **Site Preparation:** The first crew to enter the construction site is typically the survey and staking crew who delineate the boundaries of the construction area. When required safety fence is installed at the edge of the construction area where public safety considerations are necessary, and aspects of the traffic management plan are implemented (i.e., signs, vehicle access).
2. **Clearing:** The clearing crew clears brush and other vegetation including the temporary work space to permit construction of the pipeline.
3. **Grading and Stripping:** Next, the grading crew prepares the construction area for access by construction equipment. Existing landscaping is also removed, and dewatering undertaken, where necessary.
4. **Stringing:** The stringing crew lays pipe on wooden skids or boxes adjacent to the trench area.
5. **Trenching:** Once the construction area has been prepared, a hydraulic hoe will excavate the trench which will then be prepared for the installation of the new pipeline.
6. **Pipe Fabrication and Lowering:** Next, the pipe is bent as required and the welding crew welds the pipe into continuous lengths. The pipe welds are x-rayed and coated then inspected before the pipeline is lowered into the trench. Crews also install pipes under obstacles such as roads or watercourses by directional drilling. The welds are global positioning system located with locations identified on the weld map along with the identification of each pipe section for future identification.
7. **Hydrostatic Test:** The pipeline is tested hydrostatically. Water is drawn from a suitable local source based on discussions with the appropriate authorities and will be disposed of appropriately (e.g., discharged to land or sanitary sewer, or removed by an Enbridge approved waste disposal provider). Upon completion of the hydrostatic testing, the pipeline is dried, purged of air and prepared for delivery of the product.
8. **Backfilling:** The backfilling crew backfills the originally excavated subsoil over the pipe in the trench. In shallow water table areas, the pipeline may be weighted to provide negative buoyancy. Surplus backfill material will be removed from the construction area. The trench line will be crowned where necessary to allow for soil settlement.
9. **Clean-Up and Restoration:** The clean-up crew is responsible for the restoration of the construction area and other work areas. In natural areas the clean-up crew undertakes restoration including re-seeding of the area and restoring ditch banks, watercourse crossings and wetland areas, and removing erosion and sediment controls. In developed areas the clean-up crew undertakes landscaping plans developed for site restoration.

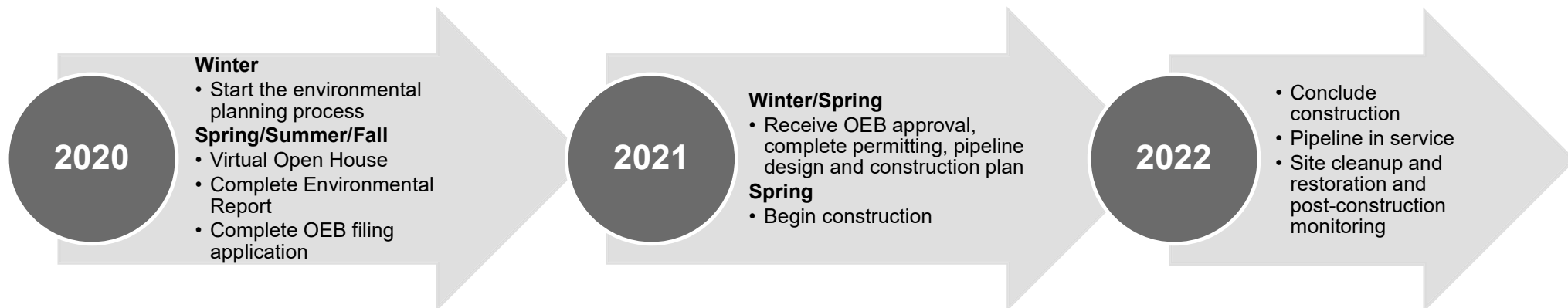


London Lines Replacement Project Virtual Open House

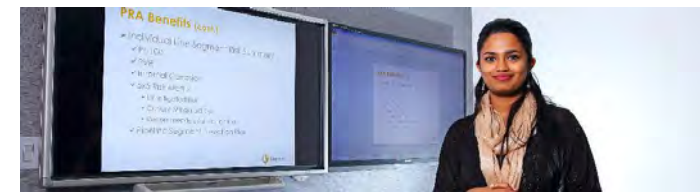


Next Steps

After this Virtual Open House, we intend to pursue the following schedule of activities:



London Lines Replacement Project Virtual Open House



Thank-you!

On behalf of the Project team, thank-you for listening to the Virtual Open House presentation. Please complete the Questionnaire, located in the Resources Tab.

Kelsey Mills

Environmental Advisor
Enbridge Gas Inc.
101 Honda Boulevard
Markham, ON L6C 0M6
Phone: (519) 780-8186
Email: LondonLines@Stantec.com

Rooly Georgopoulos

Senior Project Manager
Stantec Consulting Ltd.
300-675 Cochrane Drive, West Tower
Markham, ON L3R 0B8
Phone: (519) 780-8186
Email: LondonLines@Stantec.com

For more information about the proposed project, please visit our project website at:
<https://www.enbridgegas.com/About-Us> under "Projects"



From: [Lauren Whitwham](#)
To: Valerie.George@kettlepoint.org
Cc: [Ken McCorkle](#); [LondonLines](#)
Subject: Enbridge Gas London Lines Project: Open House and Alternative Route
Date: Friday, May 15, 2020 10:08:08 AM
Attachments: [let_160951170_Kettle-and-Stony_Notice-of-Change_20200513_fnl.pdf](#)

Good morning,

We hope this finds you and your family well.

I am following up with you on the Enbridge Gas London Lines Project on two topics.

First, we just wanted to follow up to confirm if you were able to access and view the VOH (Virtual Open House) for the London Lines Project? If you had any comments or would like more follow up please do not hesitate to contact us. We will be in contact with you regarding an opportunity for you to participate in monitoring on site for the Archaeological and Environmental surveys.

Secondly, I have attached a Notice of Project Change on the Enbridge Gas London Lines Project. For this Project, a third and fourth alternate route have been identified and included for consideration ("Strathroy Alternate 3" and "Strathroy Alternate 4") for the secondary pipeline to the community of Strathroy.

Stantec is request that any questions and/or comments regarding the Notice of Project Change or the proposed project be sent to them by May 29, 2020. The contact information for Stantec is also in the attachment.

If you have any questions or concerns about these two items, please feel free to reach out to Ken McCorkle or myself and we would be happy to assist.

We hope you enjoy the long weekend. Take care.

Many thanks,
Lauren

Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | lauren.whitwham@enbridge.com
109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect.



Stantec Consulting Ltd.
300W-675 Cochrane Drive, Markham ON L3R 0B8



May 13, 2020

Chippewas of Kettle and Stony Point First Nation
6247 Indian Lane
Lambton Shores, ON N0N 1J1

Dear Sir/Madam,

Reference: Enbridge Gas Inc. – London Lines Replacement Project: Notice of Project Change

Enbridge Gas Inc. (Enbridge) is proposing to replace a section of natural gas pipeline known as the London Lines in order to improve the integrity of the pipeline network and to increase system flexibility, as indicated in Enbridge's notification on April 8, 2020. The London Lines Replacement Project (LLRP) will include the construction of approximately 75 kilometers (km) of 8-inch, high pressure natural gas pipeline. This will replace the two current pipelines known collectively as the London Lines. The LLRP will also include the construction of approximately 10.5 km of a secondary 8-inch pipeline which will connect the replaced pipeline to the community of Strathroy.

You are receiving this letter because a third and fourth alternate route have been identified and included for consideration ("Strathroy Alternate 3" and "Strathroy Alternate 4") for the secondary pipeline to the community of Strathroy. For more details, please refer to the attached map.

As part of the planning process, Enbridge has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study of the construction and operation for the proposed natural gas pipeline. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge's application to the OEB as part of their Leave to Construct (LTC) application. The Environmental Report for the proposed project is anticipated to be completed by summer 2020. The OEB's review and approval is required before construction of the Project can proceed. If approved, construction of the pipeline is anticipated to begin in Spring/Summer 2021.

We request that any questions and/or comments regarding the Notice of Project Change or the proposed project be sent to the following contacts by May 29, 2020.

Yours truly,

Stantec Consulting Ltd.

Rodoly Georgopoulos B.Sc.
Senior Associate, Senior Project Manager
Phone: (519) 780-8186
LondonLines@stantec.com

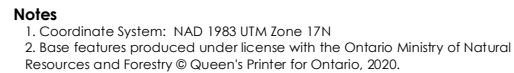
Attachment: Figure 1: London Lines Replacement Project

c. Kelsey Mills, Environmental Advisor, Enbridge Gas Inc.

Design with community in mind



- Existing / Alternative Route
- Alternative Segments
- Strathroy Alternate 1
- Strathroy Alternate 2
- Strathroy Alternate 3
- Strathroy Alternate 4
- Strathroy Alternatives Buffer 500m
- Expressway / Highway
- Major Road
- Minor Road
- Municipal Boundary, Lower



Project Location 160951031 REV4
Counties of Lambton and
Middlesex Prepared by SPE on 2020-05-12

Client/Project
ENBRIDGE GAS INC.

Figure No.	1
Title	London Lines Replacement Project

From: [Lauren Whitwham](#)
To: jessica.hill@oneida.on.ca; environment@oneida.on.ca
Cc: [Ken McCorkle](#); [LondonLines](#)
Subject: FW: Enbridge Gas London Lines Project
Date: Monday, March 9, 2020 2:08:43 PM
Attachments: [London Lines map.pdf](#)

Good afternoon,

Further to the email below, please find attached an updated map of the route for the Project.

We look forward to working with you on this project.

Thank you,
 Lauren

Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | lauren.whitwham@enbridge.com
 109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect.

From: Lauren Whitwham
Sent: Wednesday, February 26, 2020 2:55 PM
To: 'jessica.hill@oneida.on.ca' <jessica.hill@oneida.on.ca>; 'environment@oneida.on.ca' <environment@oneida.on.ca>
Cc: Ken McCorkle <Ken.McCorkle@enbridge.com>
Subject: Enbridge Gas London Lines Project

Good afternoon Chief Hill,

Please find attached our notification letter and map for the Enbridge Gas Inc. London Lines Project.

-

We would like to set up a time to come to speak with your environment/consultation committee to discuss the project and provide you with details. Please reach out to Ken McCorkle to arrange for a time for discussion.

We look forward to working with you on this project.

Thank you,
 Lauren

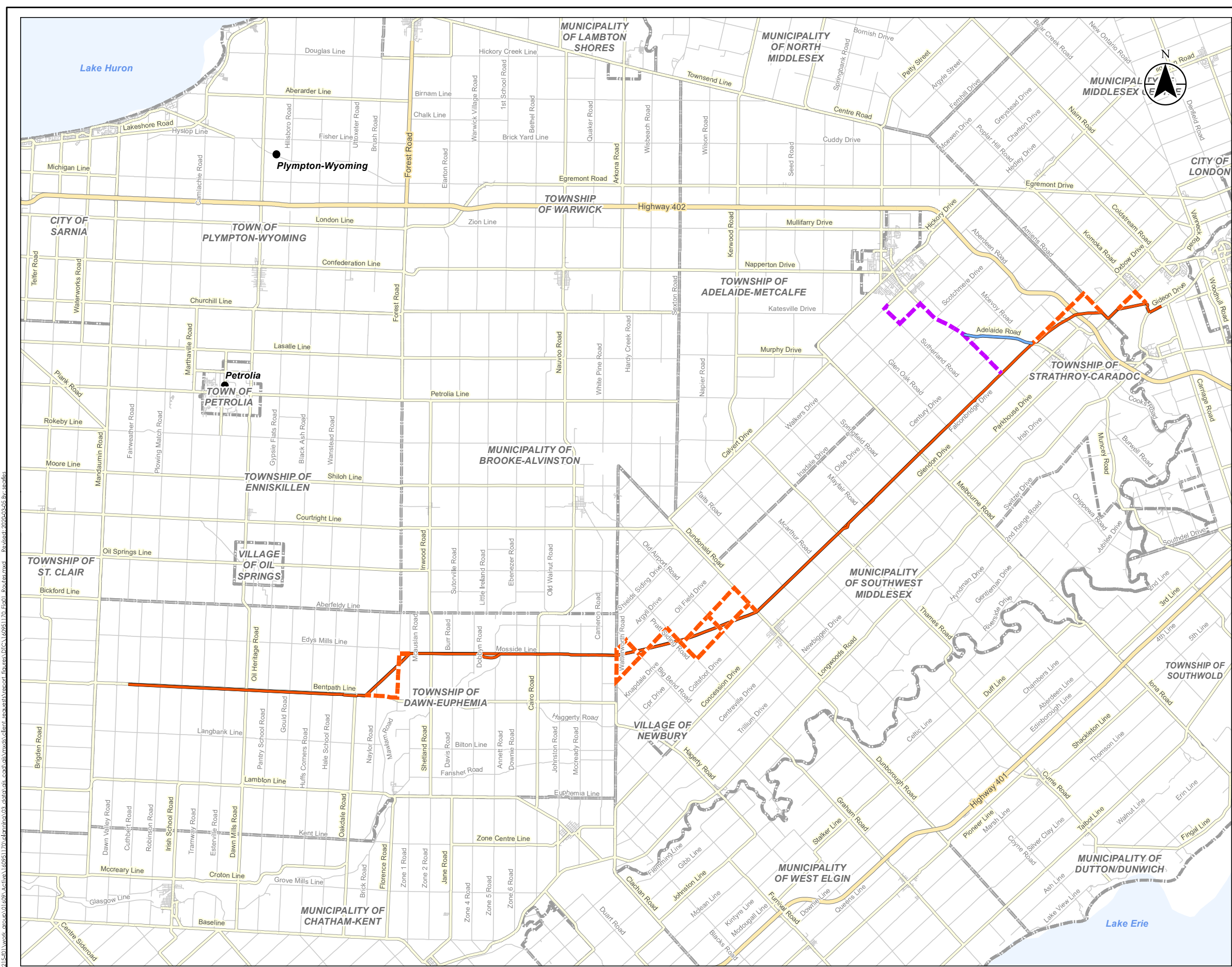
Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

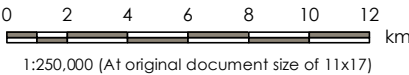
ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | lauren.whitwham@enbridge.com
109 Commissioners Road West, London, ON N6A4P1

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- Legend
- Existing / Alternative Route
 - Alternative Segments
 - Strathroy Alternate 1
 - Strathroy Alternate 2
 - Expressway / Highway
 - Major Road
 - Minor Road
 - Municipal Boundary, Lower



- Notes
- Coordinate System: NAD 1983 UTM Zone 17N
 - Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2020.



Project Location
Counties of Lambton and Middlesex

160951031 REV4
Prepared by SPE on 2020-03-05

Client/Project
ENBRIDGE GAS INC.

Figure No.
1
Title
London Lines Replacement Project

From: [Hartwig, Emily](#)
To: ["jessica.hill@oneida.on.ca"](#)
Cc: ["Ken.McCorkle@enbridge.com"](#); [Georgopoulos, Rooly](#); ["Kelsey.Mills@enbridge.com"](#); ["londonlines@stantec.com"](#)
Subject: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)
Date: Wednesday, April 8, 2020 6:51:00 PM
Attachments: [let_160951170_Indigenous_NoC-VOH_JHill_2020-04-08_fnl.pdf](#)

Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

Emily Hartwig B.Sc., EP.
Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186
Mobile: 226 979-4457
Emily.Hartwig@stantec.com

Stantec
1-70 Southgate Drive
Guelph ON N1G 4P5



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Stantec Consulting Ltd.
300W-675 Cochrane Drive Markham, ON L3R 0B8



April 8, 2020

Attention: Chief Jessica Hill,
Oneida Nation of the Thames
2212 Elm Avenue
Southwold ON N0L 2G0

Dear Chief Hill,

Reference: Enbridge Gas – London Lines Replacement Project, Notice of Project Commencement and Virtual Open House

Enbridge Gas is proposing to replace a section of natural gas pipeline in order to improve the integrity of the pipeline network and to increase system flexibility. All current services will be maintained as a result of this project.

The London Lines Replacement Project (LLRP) will include the construction of approximately 75 kilometers (km) of 8-inch, high pressure natural gas pipeline. This will replace the two current pipelines known collectively as the London Lines. The LLRP will also include the construction of 10.5 km of a secondary 8-inch pipeline which will connect the replaced pipeline to the community of Strathroy. The LLRP will start within the Township of Dawn-Euphemia near Oil Heritage Road and Bentpath Lane. The pipeline project will continue through the municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre at Komoka Road and Glendon Drive; and at a proposed new station at Calvert Drive and Sutherland Road in the Municipality of Strathroy-Caradoc. The general location and study area of the proposed pipeline is shown on the attached map.

As part of the planning process, Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study of the construction and operation for the proposed natural gas pipeline. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge's application to the OEB as part of their Leave to Construct (LTC) application. The Environmental Report for the proposed project is anticipated to be completed by early summer 2020. The OEB's review and approval is required before construction of the Project can proceed. If approved, construction of the pipeline is anticipated to begin in Spring/Summer 2021.

Oneida Nation of the Thames is invited to provide comments regarding the proposed pipeline. Specifically, Stantec is seeking information about any adverse impacts that the proposed project may have on constitutionally protected Aboriginal or treaty rights and any measures for mitigating those adverse impacts.

Stantec is presently compiling an environmental, socio-economic, and archaeological/cultural heritage inventory of the Environmental Study Area. As an Indigenous community with a potential interest in developments in that area, you are invited to provide or coordinate comments regarding the proposed pipeline.

As part of the Environmental Study, Enbridge is in the process of contacting the following agencies:

- Indigenous and Northern Affairs Canada; and
- Ontario Ministry of Indigenous Relations and Reconciliation.



April 8, 2020
Page 2 of 2



Reference: Enbridge Gas Distribution Inc. – London Lines Replacement Project, Notice of Project Commencement and Information Session

Public consultation with Indigenous communities, landowners, government agencies, current customers serviced by the London Lines, the general public, and other interested persons is an integral component of the planning process. As a result of the social distancing requirements set out by the Government of Canada and the Province of Ontario due to **COVID-19**, a Virtual Open House will be held in place of an in-person Open House regarding the proposed LLRP. The Virtual Open House will be available beginning on **April 20, 2020** at 9:00 am EST until **May 1, 2020** at 5:00 pm EST at:

www.solutions.ca/LondonLines

If you are unable to log onto the Virtual Open House between April 20 and May 1, please dial (519) 780-8186, leave a message with your contact information, and we will respond as soon as possible.

There will be a questionnaire available at the end of the presentation and you will have the ability to submit comments and/or questions about the proposed LLRP, including proposed routes, design and the anticipated project schedule during the presentation. In addition, a copy of the open house story boards will be available to download. Input received will be used to inform the selection of the preferred pipeline route, and to develop site specific environmental protection or mitigation measures for the Project.

If you have questions or concerns regarding the Project, please do not hesitate to contact the undersigned.

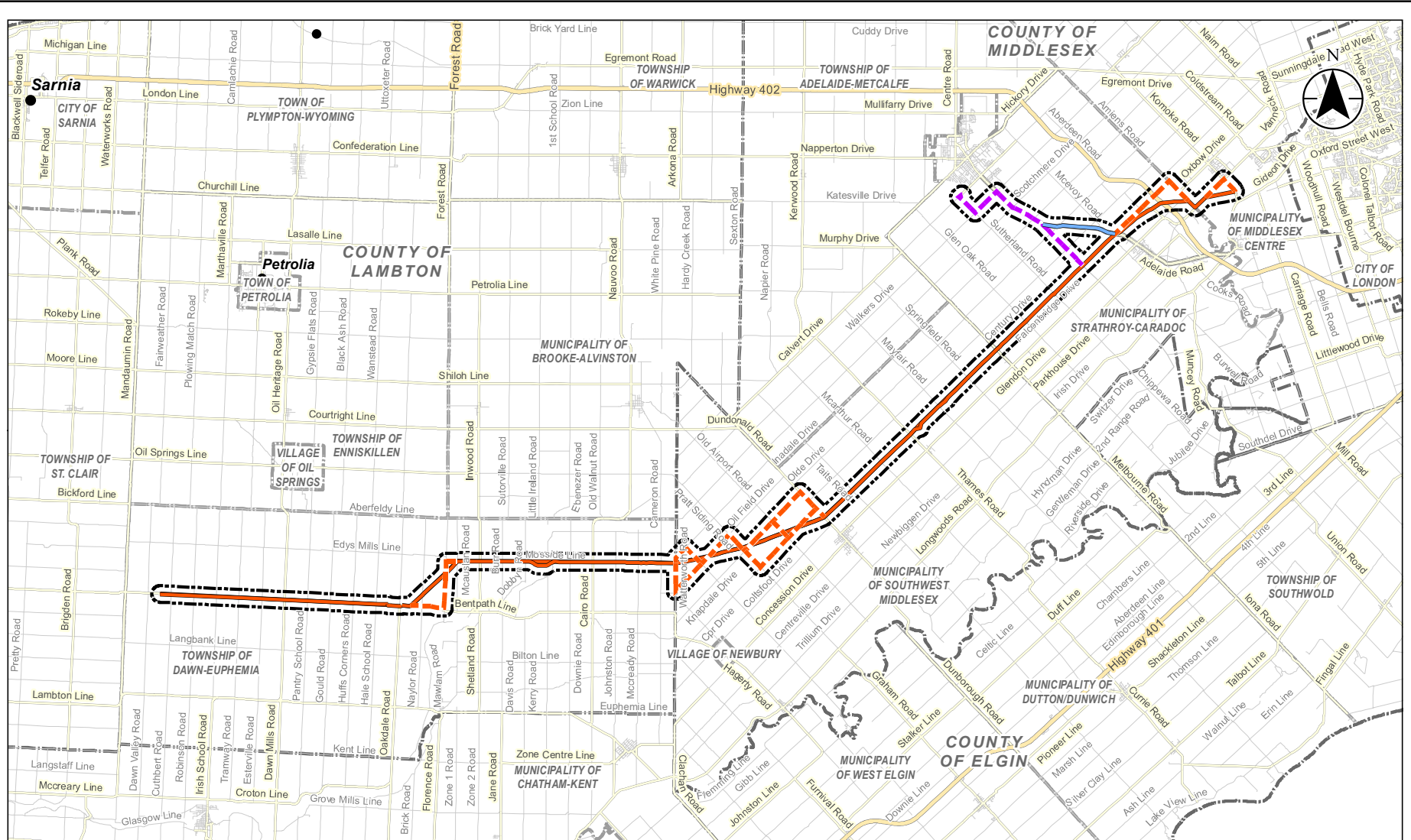
Regards,

ENBRIDGE GAS INC.

Ken McCorkle
Senior Advisor, Indigenous Affairs
Enbridge Gas Inc.
50 Keil Drive North
Chatham, ON, N7M 5M1
PH: 519-436-4600 ext. 5002243
Cell: 519-365-0584
Ken.McCorkle@enbridge.com

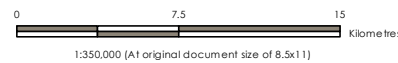
Attachment: Figure 1: London Lines Replacement Project

- c. Kelsey Mills, Sr. Environmental Analyst, Enbridge Gas Inc.
Rooley Georgopoulos, Senior Project Manager, Stantec Consulting Ltd.



Legend

- Existing / Alternative Route
- Alternative Segments
- Strathroy Alternate 1
- Strathroy Alternate 2
- Study Area
- Municipal Boundary, Upper
- Municipal Boundary, Lower



Notes
 1. Coordinate System: NAD 1983 UTM Zone 17N
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.

Project Location
 Counties of Lambton and Middlesex, ON
 160951031 REVA
 Prepared by SPE on 2020-04-08

Client/Project
 ENBRIDGE GAS INC.

Figure No.
1
 Title
London Lines Replacement Project

From: [Georgopoulos, Rooly](#)
To: jessica.hill@oneida.on.ca
Cc: Ken.McCorkle@enbridge.com; Kelsey.Mills@enbridge.com; [LondonLines](#); [Hartwig, Emily](#); [Lauren Whitwham](#)
Subject: RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)
Date: Wednesday, April 29, 2020 1:10:40 PM
Attachments: [51170_LLRP-Virtual-Open-House_20200416_fnl.pdf](#)

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Regards,
Rooly

Rooly Georgopoulos B.Sc.,
Senior Associate

Direct: 905-415-6367
 Mobile: 416-729-2300
 Fax: 905-474-9889
rooly.georgopoulos@stantec.com

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 300W-675 Cochrane Drive
 Markham ON L3R 0B8

Stantec



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From: Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>
Sent: Wednesday, April 29, 2020 11:47 AM
To: jessica.hill@oneida.on.ca
Cc: Ken.McCorkle@enbridge.com; Kelsey.Mills@enbridge.com; [LondonLines](#) <LondonLines@stantec.com>; Emily.Hartwig@stantec.com; [Lauren Whitwham](mailto:Lauren.Whitwham@enbridge.com) <Lauren.Whitwham@enbridge.com>
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Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

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London Lines Replacement Project Virtual Open House



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- Approximately 75 kilometers (km) of 8-inch, high pressure, steel, natural gas pipeline, and a secondary 10.5 km, 8-inch pipeline to connect the Town of Strathroy.
- Will replace the two current pipelines known collectively as the London Lines.
- Start within the Township of Dawn-Euphemia and will continue through the Municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre; and at a proposed new station in the Municipality of Strathroy-Caradoc.
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London Lines Replacement Project Virtual Open House



Purpose of the Virtual Open House

- Provide a safe alternative to an in-person meeting due to current social distancing requirements set out by the Province of Ontario and the Government of Canada.
- Consult with Indigenous communities, the public, and regulatory authorities regarding the proposed Preferred Route, and potential impacts.
- Provide an opportunity for these individuals and any affected landowners and the general public to review the proposed Project, and to ask any questions and/or provide comments to representatives from Enbridge and Stantec.



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The environmental study and Environmental Report will be completed as per the OEB's "*Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*."

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London Lines Replacement Project Virtual Open House



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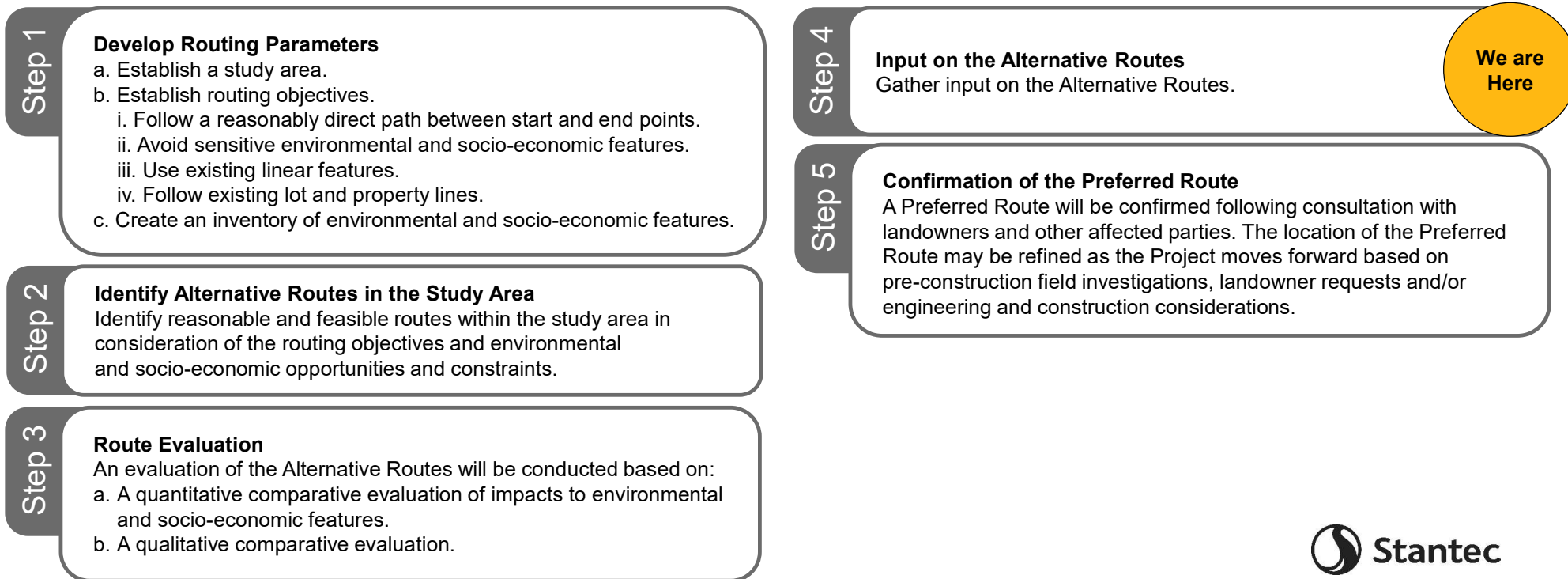


London Lines Replacement Project Virtual Open House



Preferred Route selection process

The Preferred Route for the proposed pipeline will be selected through a five-step process.



London Lines Replacement Project Virtual Open House



Route Evaluation Methodology

- Study Area pipeline routing constraints include natural heritage features, slope, topography, and socio-economic features and landscapes.
- A GIS routing exercise was undertaken that examined all mapped routing constraints and opportunities to generate alternative segments.
- The alternative segments follow existing linear infrastructure such as road easements and avoid, to the extent possible, existing environmental and socio-economic features.

An interactive map that shows the entire proposed Route and the alternative segments can be accessed at:

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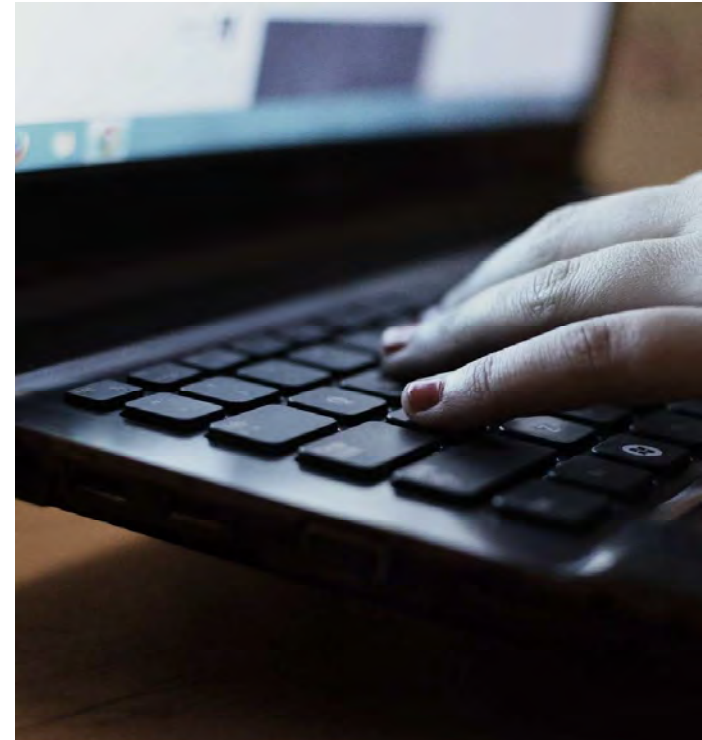


London Lines Replacement Project Virtual Open House

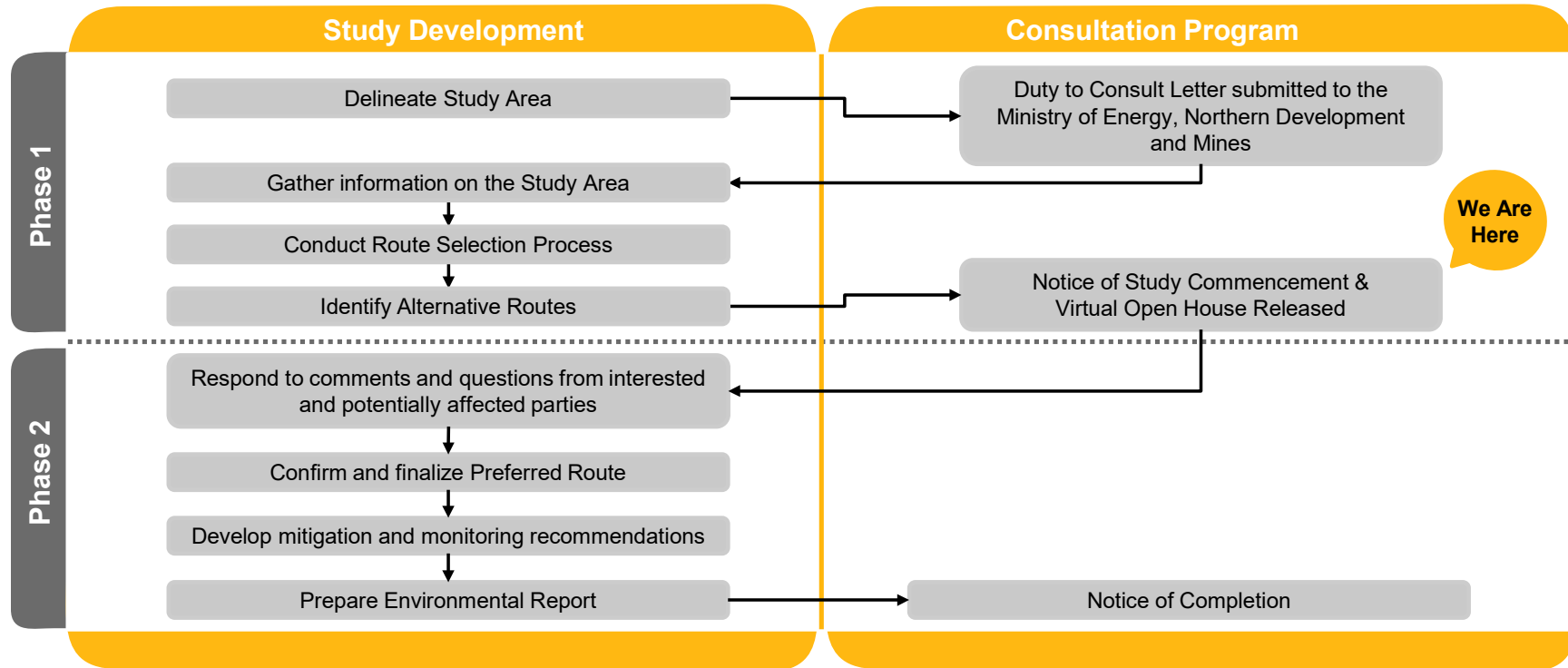


Consultation

- Consultation is a key component of the Environmental Report.
- The consultation program helps identify and address stakeholder concerns and issues, provides information about the Project to the stakeholders, and allow for participation in the Project review and development process.
- Input will be used to help finalize the preferred pipeline route and mitigation plans for the project.
- Once the Leave-to-Construct (LTC) application is made to the OEB, any party with an interest in the Project, including members of the public, can participate in the process.



London Lines Replacement Project Virtual Open House



Environmental Study Process



London Lines Replacement Project Virtual Open House



Indigenous People Policy

Enbridge recognizes the diversity of Indigenous peoples who live where we work and operate. We understand from history the destructive impacts on the social and economic wellbeing of Indigenous Peoples. Enbridge recognizes and realizes the importance of reconciliation between Indigenous communities and the broader society. Positive relationships with Indigenous peoples, based on mutual respect and focused on achieving common goals, will create positive outcomes for Indigenous communities. Enbridge commits to pursue sustainable relationships with Indigenous Nations and groups in proximity to where Enbridge conducts business. To achieve this, Enbridge will govern itself by the following principles:

- We recognize the legal and constitutional rights possessed by Indigenous peoples, and the importance of the relationship between Indigenous Peoples and their traditional lands and resources. We commit to working with Indigenous communities in a manner that recognizes and respects those legal and constitutional rights and the traditional lands and resources to which they apply. We commit to ensuring that our projects and operations are carried out in an environmentally responsible manner.
- We understand the importance of the United Nations Declaration on the Rights of Indigenous Peoples in the context of existing Canadian law and the commitments that the government has made to protecting the rights of Indigenous Peoples.
- We engage in forthright and sincere consultation with Indigenous Peoples about Enbridge's projects and operations through processes that seek to achieve early and meaningful engagement. Indigenous engagement help define our projects that may occur on lands traditionally occupied by Indigenous Peoples.
- We commit to working with Indigenous Peoples to achieve benefits for them resulting from Enbridge's projects and operations, including opportunities in training and education, employment, procurement, business development, and community development.
- We foster understanding of the history and culture of Indigenous Peoples among Enbridge's employees and contractors, in order to create better relationships between Enbridge and Indigenous communities.

This commitment is a shared responsibility involving Enbridge and its affiliates, employees and contractors. We will conduct business in a manner that reflects the above principles. Enbridge will provide ongoing leadership and resources to effectively implement the above principles, including the development of implementation strategies and specific action plans. Enbridge commits to periodically review this policy so that it remains relevant and respects Indigenous culture and varied traditions.



London Lines Replacement Project Virtual Open House



Environment, Health and Safety Policy

Our commitment

- Enbridge is committed to protecting the health and safety of all individuals affected by our activities.
- Enbridge will provide a safe and healthy working environment and will not compromise the health and safety of any individual.
- Our goal is to have no incidents and mitigate impacts on the environment by working with our stakeholders, peers and others to promote responsible environmental practices and continuous improvement.
- Enbridge is committed to environmental protection and stewardship and we recognize that pollution prevention, biodiversity and resource conservation are key to a sustainable environment.
- All employees are responsible and accountable for contributing to a safe working environment, for fostering safe working attitudes, and for operating in an environmentally responsible manner.



London Lines Replacement Project Virtual Open House



Access and Land Requirements

- Once a preferred route is selected, an Enbridge Land Agent will begin discussions with landowners for the appropriate land rights necessary for the construction, decommission and/or removal of the pipeline.
- Enbridge is committed to working with all directly affected landowners in anticipation of acquiring early access agreements in order to gather essential information, including but not limited to, land survey data, environmental, archaeological and property site features, along with negotiating the necessary land rights.
- These land rights will consist of permanent easements and/or temporary land rights. The temporary land rights are only required during project construction activities.
- Enbridge will ensure that a Land Agent is available to each landowner during all pipeline construction activities.
- The Land Agent will keep all landowners informed of the progress of the project and assist with any concerns that may arise as a result of the construction activities.



London Lines Replacement Project Virtual Open House



Agricultural Soils

Enbridge has established and tested measures to preserve the integrity of agricultural soils throughout the construction phase:

- A third-party soils specialist will determine topsoil depth prior to stripping and supervise activities so the proper depth of topsoil is removed and replaced.
- Topsoil will be stripped from the right-of-way and other work areas and stockpiled along the right-of-way. A separation will be maintained between topsoil and subsoil.
- Enbridge Gas will implement a wet soil shutdown protocol on agricultural lands to minimize soil structure damage.
- The subsoil on the stripped portion of the right-of-way will be chisel ploughed or sub-soiled during cleanup activities to alleviate compaction.
- Any agricultural drainage systems impacted by construction will be repaired.
- Enbridge Gas will develop and implement a sampling program on agricultural easements along the pipeline route for potential pests and/or diseases that are known to the area, where appropriate.
- The entire outside boundaries of the work space necessary for construction of the project will be staked at regular intervals.
- A post-construction cover crop program will be available to landowners.



London Lines Replacement Project Virtual Open House



Maintaining Agricultural Drainage Systems

- Landowners will be contacted prior to construction to confirm the location and type of existing drains. Any future drainage plans will also be discussed with the landowner.
- Field tile will be temporarily re-routed during pre-construction activities where required to ensure proper drainage during construction.
- Damaged and severed drains will be repaired following construction. After repair and prior to backfilling, landowners will be invited to inspect and approve the repair. Any on-going field tile issues resulting from pipeline construction will be addressed by Enbridge Gas as required.



London Lines Replacement Project Virtual Open House



Socio-economic Features

The project will be constructed through road right of way, private business areas, agricultural and residential land, along with land regulated by both Canadian Pacific and Canadian National Railways, and land regulated by Hydro One, Lower Thames Valley Conservation Authority, St. Clair Region Conservation Authority, and Upper Thames River Conservation Authority.

Potential Effects

- Temporary increases in noise, dust and air emissions.
- Increased construction traffic volumes.
- Temporary impairment of the use and enjoyment of property.
- Vegetation clearing along the pipeline easement.

Example Mitigation Measures

- Provide access across the construction area.
- Restrict construction to daylight hours and adhere to applicable noise by-laws.
- Develop and implement a Traffic Control Plan.
- Place fencing at appropriate locations for safety.
- Implement a water well monitoring program.
- Making contact information for a designated Enbridge Gas representative available prior to and throughout construction.
- Dust control measures.
- Re-vegetation of cleared areas (seeding/planting).



London Lines Replacement Project Virtual Open House



Aquatic Resources

Enbridge understands the importance of protecting wildlife during construction and therefore will implement recognized mitigation measures to minimize possible environmental effects.

Potential Effects

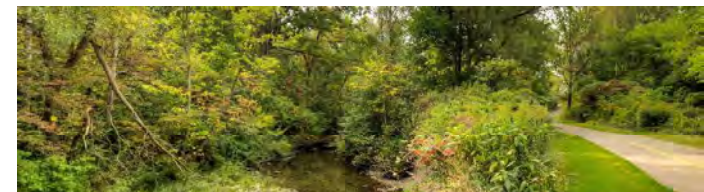
- Disruption and alteration to aquatic species and habitat and/or nuisance effects.
- Increased erosion, sedimentation, and turbidity resulting from removal of vegetation.

Example Mitigation Measures

- Conduct surveys of waterbodies.
- Obtain all agency permits and approvals.
- Limit in-channel construction, where possible, and conform to fish timing window guidelines.
- For in-channel construction, protect aquatic species and manage sedimentation and turbidity.
- Restore and seed areas to establish habitat and reduce erosion.
- Replant vegetation along waterways.



London Lines Replacement Project Virtual Open House



Cultural Heritage Resources

During the course of construction, cultural heritage features such as archaeological finds, buildings, fences and landscapes may be encountered. Detailed field surveys will be conducted by independent, third-party archaeologists and cultural heritage professionals.

Potential Effects

- Damage or destruction of archaeological, paleontological or historical resources.

Example Mitigation Measures

- Archaeological assessment of the construction right-of-way, with review and comment from the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI).
- Cultural heritage assessment (for built heritage features and cultural heritage landscapes) of the construction right-of-way, with review and comment from MHSTCI.
- Reporting of any previously unknown archaeological, paleontological or historical resources uncovered, or suspected of being uncovered, during excavation.



London Lines Replacement Project Virtual Open House



Terrestrial Resources

During the course of construction, natural heritage features such as wildlife habitat and vegetated/wooded areas will need to be crossed.

Potential Effects

- Damage or removal of vegetation and wildlife habitat adjacent to the construction area.
- Disturbance and/or mortality to local wildlife.

Example Mitigation Measures

- Conduct surveys (including Species at Risk surveys) in advance of construction to determine opportunities for wildlife habitat to exist.
- Clearly mark the construction area to avoid accidental damage.
- Restore and seed areas to establish habitat and reduce erosion.
- Secure any necessary permits and follow any conditions of approval.



London Lines Replacement Project Virtual Open House



Pipeline Design

The high-grade steel pipeline is designed to meet and/or exceed the regulations of the Canadian Standards Association (Z662 Oil and Gas Pipeline Systems) and the applicable regulations of the Technical Standards & Safety Association (TSSA).

Pipeline Safety and Integrity

We take many steps to ensure safe, reliable operation of our network of natural gas pipelines, such as:

- Design, construct, and test our pipelines to meet or exceed requirements set by industry standards and regulatory authorities,
- Continuously monitor the entire network, and
- Perform regular field surveys to detect leaks and confirm corrosion prevention methods are working as intended.



London Lines Replacement Project Virtual Open House



Pipeline Construction

1. **Site Preparation:** The first crew to enter the construction site is typically the survey and staking crew who delineate the boundaries of the construction area. When required safety fence is installed at the edge of the construction area where public safety considerations are necessary, and aspects of the traffic management plan are implemented (i.e., signs, vehicle access).
2. **Clearing:** The clearing crew clears brush and other vegetation including the temporary work space to permit construction of the pipeline.
3. **Grading and Stripping:** Next, the grading crew prepares the construction area for access by construction equipment. Existing landscaping is also removed, and dewatering undertaken, where necessary.
4. **Stringing:** The stringing crew lays pipe on wooden skids or boxes adjacent to the trench area.
5. **Trenching:** Once the construction area has been prepared, a hydraulic hoe will excavate the trench which will then be prepared for the installation of the new pipeline.
6. **Pipe Fabrication and Lowering:** Next, the pipe is bent as required and the welding crew welds the pipe into continuous lengths. The pipe welds are x-rayed and coated then inspected before the pipeline is lowered into the trench. Crews also install pipes under obstacles such as roads or watercourses by directional drilling. The welds are global positioning system located with locations identified on the weld map along with the identification of each pipe section for future identification.
7. **Hydrostatic Test:** The pipeline is tested hydrostatically. Water is drawn from a suitable local source based on discussions with the appropriate authorities and will be disposed of appropriately (e.g., discharged to land or sanitary sewer, or removed by an Enbridge approved waste disposal provider). Upon completion of the hydrostatic testing, the pipeline is dried, purged of air and prepared for delivery of the product.
8. **Backfilling:** The backfilling crew backfills the originally excavated subsoil over the pipe in the trench. In shallow water table areas, the pipeline may be weighted to provide negative buoyancy. Surplus backfill material will be removed from the construction area. The trench line will be crowned where necessary to allow for soil settlement.
9. **Clean-Up and Restoration:** The clean-up crew is responsible for the restoration of the construction area and other work areas. In natural areas the clean-up crew undertakes restoration including re-seeding of the area and restoring ditch banks, watercourse crossings and wetland areas, and removing erosion and sediment controls. In developed areas the clean-up crew undertakes landscaping plans developed for site restoration.

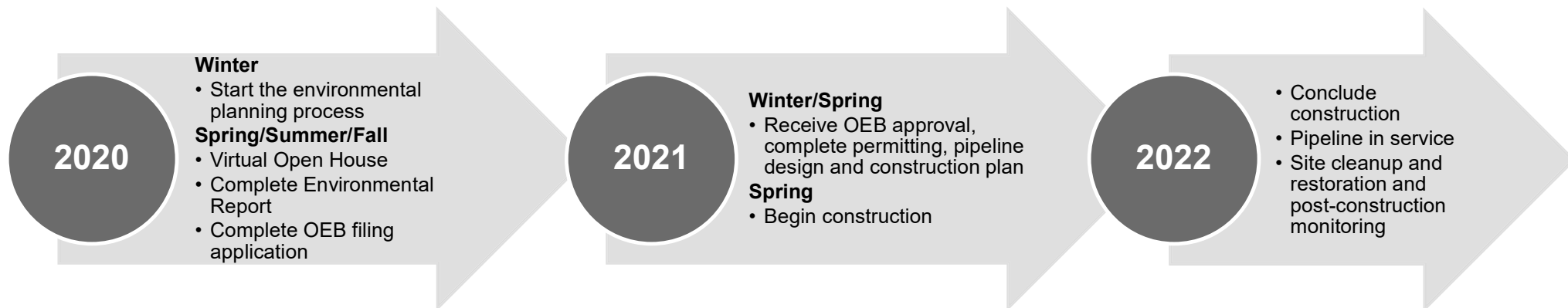


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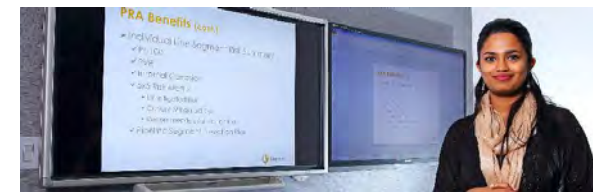


Next Steps

After this Virtual Open House, we intend to pursue the following schedule of activities:



London Lines Replacement Project Virtual Open House



Thank-you!

On behalf of the Project team, thank-you for listening to the Virtual Open House presentation. Please complete the Questionnaire, located in the Resources Tab.

Kelsey Mills

Environmental Advisor
Enbridge Gas Inc.
101 Honda Boulevard
Markham, ON L6C 0M6
Phone: (519) 780-8186
Email: LondonLines@Stantec.com

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For more information about the proposed project, please visit our project website at:
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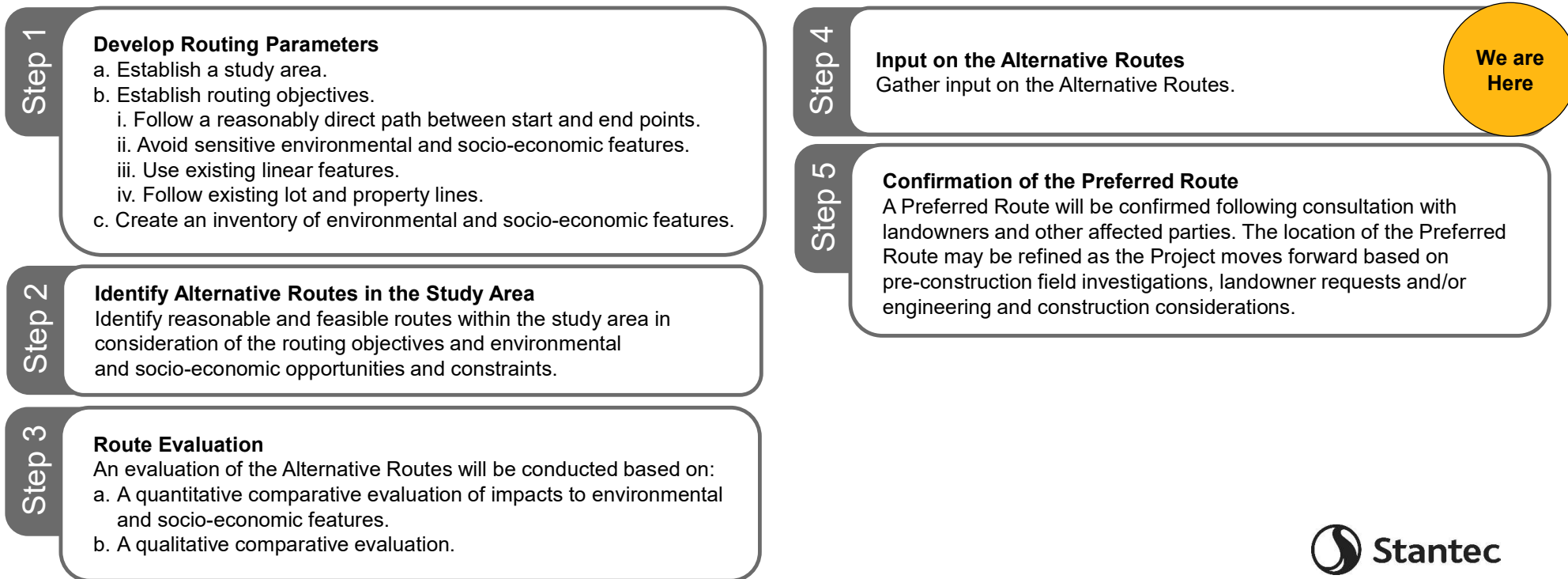


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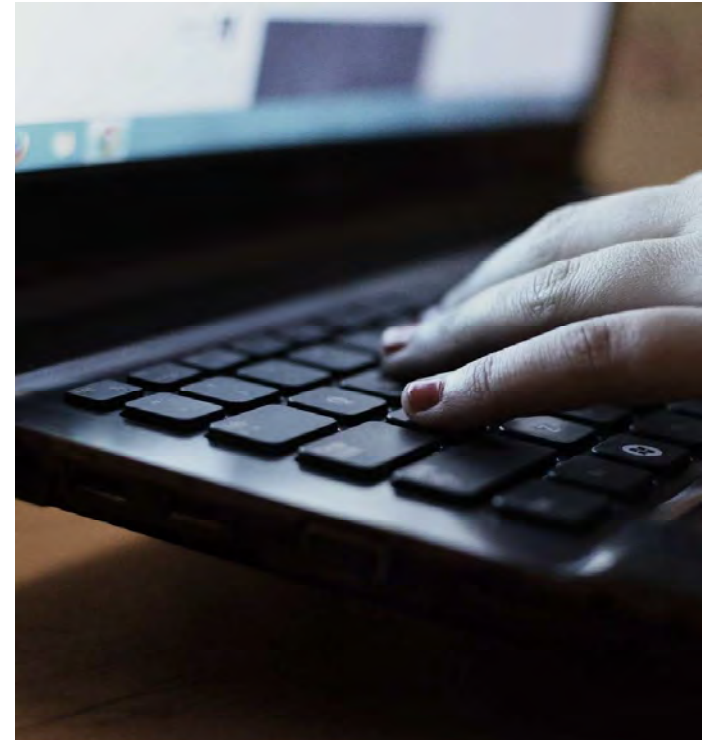


London Lines Replacement Project Virtual Open House

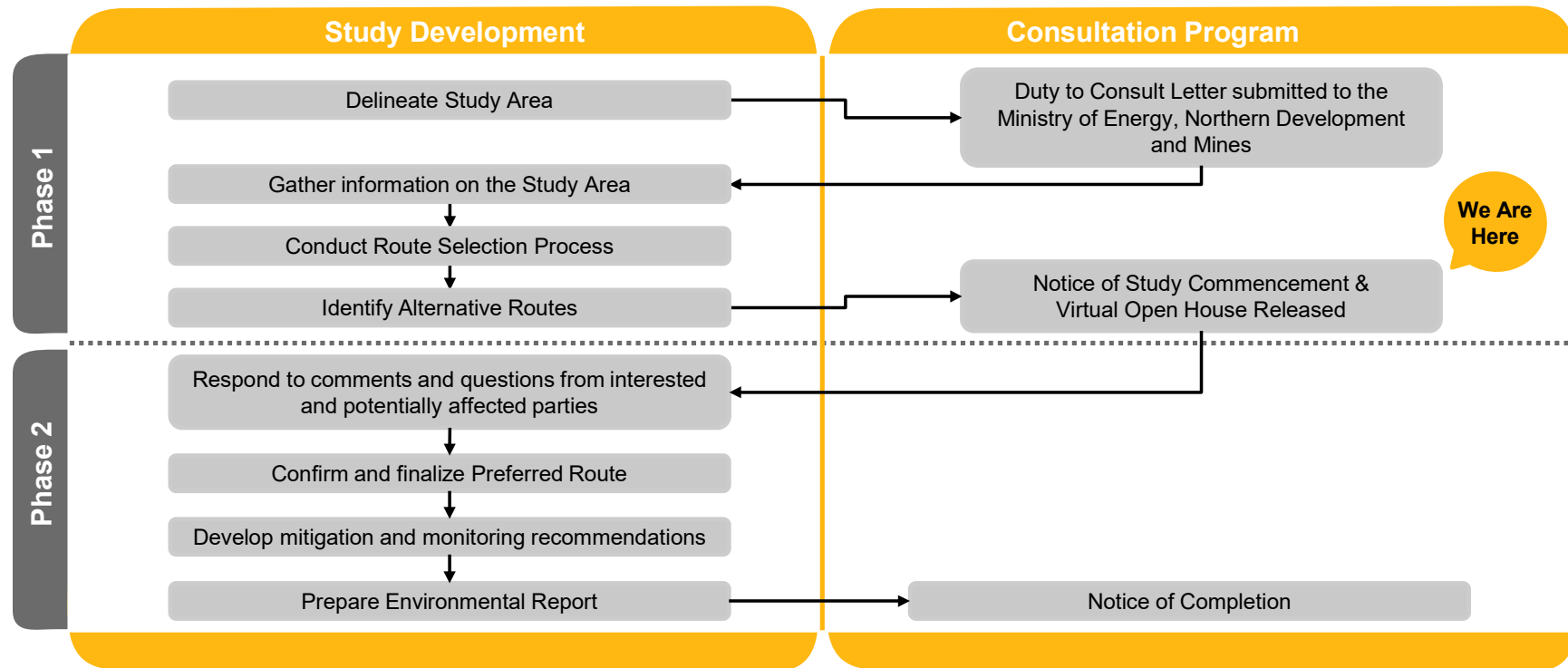


Consultation

- Consultation is a key component of the Environmental Report.
- The consultation program helps identify and address stakeholder concerns and issues, provides information about the Project to the stakeholders, and allow for participation in the Project review and development process.
- Input will be used to help finalize the preferred pipeline route and mitigation plans for the project.
- Once the Leave-to-Construct (LTC) application is made to the OEB, any party with an interest in the Project, including members of the public, can participate in the process.



London Lines Replacement Project Virtual Open House



Environmental Study Process



London Lines Replacement Project Virtual Open House



Indigenous People Policy

Enbridge recognizes the diversity of Indigenous peoples who live where we work and operate. We understand from history the destructive impacts on the social and economic wellbeing of Indigenous Peoples. Enbridge recognizes and realizes the importance of reconciliation between Indigenous communities and the broader society. Positive relationships with Indigenous peoples, based on mutual respect and focused on achieving common goals, will create positive outcomes for Indigenous communities. Enbridge commits to pursue sustainable relationships with Indigenous Nations and groups in proximity to where Enbridge conducts business. To achieve this, Enbridge will govern itself by the following principles:

- We recognize the legal and constitutional rights possessed by Indigenous peoples, and the importance of the relationship between Indigenous Peoples and their traditional lands and resources. We commit to working with Indigenous communities in a manner that recognizes and respects those legal and constitutional rights and the traditional lands and resources to which they apply. We commit to ensuring that our projects and operations are carried out in an environmentally responsible manner.
- We understand the importance of the United Nations Declaration on the Rights of Indigenous Peoples in the context of existing Canadian law and the commitments that the government has made to protecting the rights of Indigenous Peoples.
- We engage in forthright and sincere consultation with Indigenous Peoples about Enbridge's projects and operations through processes that seek to achieve early and meaningful engagement. Indigenous engagement help define our projects that may occur on lands traditionally occupied by Indigenous Peoples.
- We commit to working with Indigenous Peoples to achieve benefits for them resulting from Enbridge's projects and operations, including opportunities in training and education, employment, procurement, business development, and community development.
- We foster understanding of the history and culture of Indigenous Peoples among Enbridge's employees and contractors, in order to create better relationships between Enbridge and Indigenous communities.

This commitment is a shared responsibility involving Enbridge and its affiliates, employees and contractors. We will conduct business in a manner that reflects the above principles. Enbridge will provide ongoing leadership and resources to effectively implement the above principles, including the development of implementation strategies and specific action plans. Enbridge commits to periodically review this policy so that it remains relevant and respects Indigenous culture and varied traditions.



London Lines Replacement Project Virtual Open House



Environment, Health and Safety Policy

Our commitment

- Enbridge is committed to protecting the health and safety of all individuals affected by our activities.
- Enbridge will provide a safe and healthy working environment and will not compromise the health and safety of any individual.
- Our goal is to have no incidents and mitigate impacts on the environment by working with our stakeholders, peers and others to promote responsible environmental practices and continuous improvement.
- Enbridge is committed to environmental protection and stewardship and we recognize that pollution prevention, biodiversity and resource conservation are key to a sustainable environment.
- All employees are responsible and accountable for contributing to a safe working environment, for fostering safe working attitudes, and for operating in an environmentally responsible manner.



London Lines Replacement Project Virtual Open House



Access and Land Requirements

- Once a preferred route is selected, an Enbridge Land Agent will begin discussions with landowners for the appropriate land rights necessary for the construction, decommission and/or removal of the pipeline.
- Enbridge is committed to working with all directly affected landowners in anticipation of acquiring early access agreements in order to gather essential information, including but not limited to, land survey data, environmental, archaeological and property site features, along with negotiating the necessary land rights.
- These land rights will consist of permanent easements and/or temporary land rights. The temporary land rights are only required during project construction activities.
- Enbridge will ensure that a Land Agent is available to each landowner during all pipeline construction activities.
- The Land Agent will keep all landowners informed of the progress of the project and assist with any concerns that may arise as a result of the construction activities.



London Lines Replacement Project Virtual Open House



Agricultural Soils

Enbridge has established and tested measures to preserve the integrity of agricultural soils throughout the construction phase:

- A third-party soils specialist will determine topsoil depth prior to stripping and supervise activities so the proper depth of topsoil is removed and replaced.
- Topsoil will be stripped from the right-of-way and other work areas and stockpiled along the right-of-way. A separation will be maintained between topsoil and subsoil.
- Enbridge Gas will implement a wet soil shutdown protocol on agricultural lands to minimize soil structure damage.
- The subsoil on the stripped portion of the right-of-way will be chisel ploughed or sub-soiled during cleanup activities to alleviate compaction.
- Any agricultural drainage systems impacted by construction will be repaired.
- Enbridge Gas will develop and implement a sampling program on agricultural easements along the pipeline route for potential pests and/or diseases that are known to the area, where appropriate.
- The entire outside boundaries of the work space necessary for construction of the project will be staked at regular intervals.
- A post-construction cover crop program will be available to landowners.



London Lines Replacement Project Virtual Open House



Maintaining Agricultural Drainage Systems

- Landowners will be contacted prior to construction to confirm the location and type of existing drains. Any future drainage plans will also be discussed with the landowner.
- Field tile will be temporarily re-routed during pre-construction activities where required to ensure proper drainage during construction.
- Damaged and severed drains will be repaired following construction. After repair and prior to backfilling, landowners will be invited to inspect and approve the repair. Any on-going field tile issues resulting from pipeline construction will be addressed by Enbridge Gas as required.



London Lines Replacement Project Virtual Open House



Socio-economic Features

The project will be constructed through road right of way, private business areas, agricultural and residential land, along with land regulated by both Canadian Pacific and Canadian National Railways, and land regulated by Hydro One, Lower Thames Valley Conservation Authority, St. Clair Region Conservation Authority, and Upper Thames River Conservation Authority.

Potential Effects

- Temporary increases in noise, dust and air emissions.
- Increased construction traffic volumes.
- Temporary impairment of the use and enjoyment of property.
- Vegetation clearing along the pipeline easement.

Example Mitigation Measures

- Provide access across the construction area.
- Restrict construction to daylight hours and adhere to applicable noise by-laws.
- Develop and implement a Traffic Control Plan.
- Place fencing at appropriate locations for safety.
- Implement a water well monitoring program.
- Making contact information for a designated Enbridge Gas representative available prior to and throughout construction.
- Dust control measures.
- Re-vegetation of cleared areas (seeding/planting).



London Lines Replacement Project Virtual Open House



Aquatic Resources

Enbridge understands the importance of protecting wildlife during construction and therefore will implement recognized mitigation measures to minimize possible environmental effects.

Potential Effects

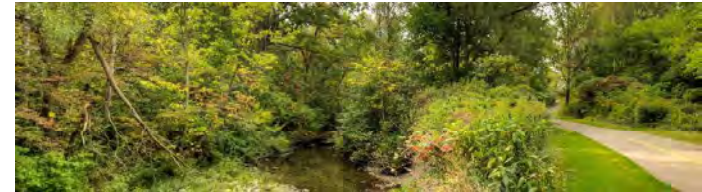
- Disruption and alteration to aquatic species and habitat and/or nuisance effects.
- Increased erosion, sedimentation, and turbidity resulting from removal of vegetation.

Example Mitigation Measures

- Conduct surveys of waterbodies.
- Obtain all agency permits and approvals.
- Limit in-channel construction, where possible, and conform to fish timing window guidelines.
- For in-channel construction, protect aquatic species and manage sedimentation and turbidity.
- Restore and seed areas to establish habitat and reduce erosion.
- Replant vegetation along waterways.



London Lines Replacement Project Virtual Open House



Cultural Heritage Resources

During the course of construction, cultural heritage features such as archaeological finds, buildings, fences and landscapes may be encountered. Detailed field surveys will be conducted by independent, third-party archaeologists and cultural heritage professionals.

Potential Effects

- Damage or destruction of archaeological, paleontological or historical resources.

Example Mitigation Measures

- Archaeological assessment of the construction right-of-way, with review and comment from the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI).
- Cultural heritage assessment (for built heritage features and cultural heritage landscapes) of the construction right-of-way, with review and comment from MHSTCI.
- Reporting of any previously unknown archaeological, paleontological or historical resources uncovered, or suspected of being uncovered, during excavation.



London Lines Replacement Project Virtual Open House



Terrestrial Resources

During the course of construction, natural heritage features such as wildlife habitat and vegetated/wooded areas will need to be crossed.

Potential Effects

- Damage or removal of vegetation and wildlife habitat adjacent to the construction area.
- Disturbance and/or mortality to local wildlife.

Example Mitigation Measures

- Conduct surveys (including Species at Risk surveys) in advance of construction to determine opportunities for wildlife habitat to exist.
- Clearly mark the construction area to avoid accidental damage.
- Restore and seed areas to establish habitat and reduce erosion.
- Secure any necessary permits and follow any conditions of approval.



London Lines Replacement Project Virtual Open House



Pipeline Design

The high-grade steel pipeline is designed to meet and/or exceed the regulations of the Canadian Standards Association (Z662 Oil and Gas Pipeline Systems) and the applicable regulations of the Technical Standards & Safety Association (TSSA).

Pipeline Safety and Integrity

We take many steps to ensure safe, reliable operation of our network of natural gas pipelines, such as:

- Design, construct, and test our pipelines to meet or exceed requirements set by industry standards and regulatory authorities,
- Continuously monitor the entire network, and
- Perform regular field surveys to detect leaks and confirm corrosion prevention methods are working as intended.



London Lines Replacement Project Virtual Open House



Pipeline Construction

1. **Site Preparation:** The first crew to enter the construction site is typically the survey and staking crew who delineate the boundaries of the construction area. When required safety fence is installed at the edge of the construction area where public safety considerations are necessary, and aspects of the traffic management plan are implemented (i.e., signs, vehicle access).
2. **Clearing:** The clearing crew clears brush and other vegetation including the temporary work space to permit construction of the pipeline.
3. **Grading and Stripping:** Next, the grading crew prepares the construction area for access by construction equipment. Existing landscaping is also removed, and dewatering undertaken, where necessary.
4. **Stringing:** The stringing crew lays pipe on wooden skids or boxes adjacent to the trench area.
5. **Trenching:** Once the construction area has been prepared, a hydraulic hoe will excavate the trench which will then be prepared for the installation of the new pipeline.
6. **Pipe Fabrication and Lowering:** Next, the pipe is bent as required and the welding crew welds the pipe into continuous lengths. The pipe welds are x-rayed and coated then inspected before the pipeline is lowered into the trench. Crews also install pipes under obstacles such as roads or watercourses by directional drilling. The welds are global positioning system located with locations identified on the weld map along with the identification of each pipe section for future identification.
7. **Hydrostatic Test:** The pipeline is tested hydrostatically. Water is drawn from a suitable local source based on discussions with the appropriate authorities and will be disposed of appropriately (e.g., discharged to land or sanitary sewer, or removed by an Enbridge approved waste disposal provider). Upon completion of the hydrostatic testing, the pipeline is dried, purged of air and prepared for delivery of the product.
8. **Backfilling:** The backfilling crew backfills the originally excavated subsoil over the pipe in the trench. In shallow water table areas, the pipeline may be weighted to provide negative buoyancy. Surplus backfill material will be removed from the construction area. The trench line will be crowned where necessary to allow for soil settlement.
9. **Clean-Up and Restoration:** The clean-up crew is responsible for the restoration of the construction area and other work areas. In natural areas the clean-up crew undertakes restoration including re-seeding of the area and restoring ditch banks, watercourse crossings and wetland areas, and removing erosion and sediment controls. In developed areas the clean-up crew undertakes landscaping plans developed for site restoration.

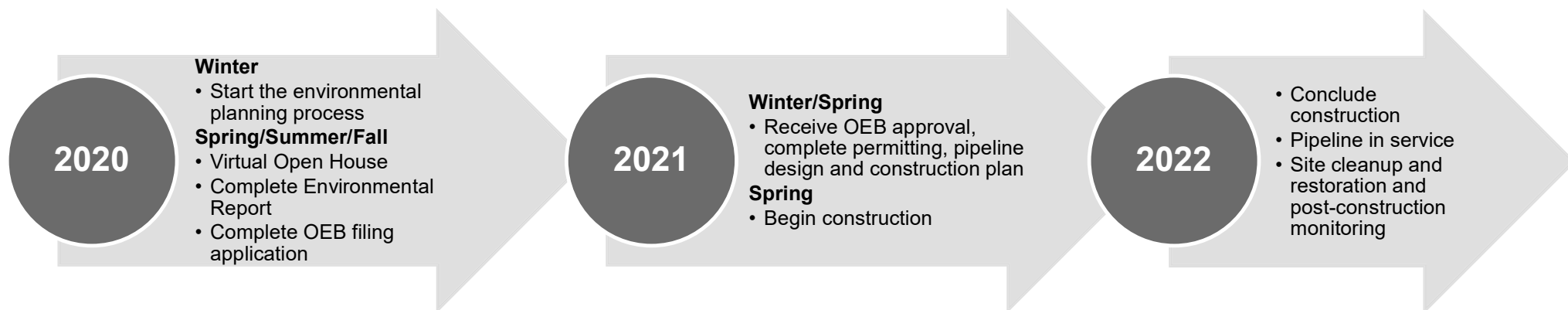


London Lines Replacement Project Virtual Open House

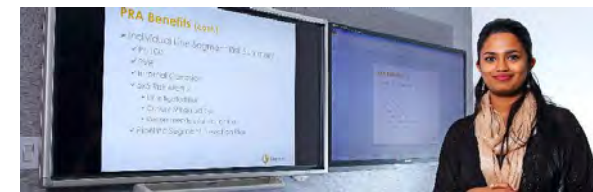


Next Steps

After this Virtual Open House, we intend to pursue the following schedule of activities:



London Lines Replacement Project Virtual Open House



Thank-you!

On behalf of the Project team, thank-you for listening to the Virtual Open House presentation. Please complete the Questionnaire, located in the Resources Tab.

Kelsey Mills

Environmental Advisor
Enbridge Gas Inc.
101 Honda Boulevard
Markham, ON L6C 0M6
Phone: (519) 780-8186
Email: LondonLines@Stantec.com

Rooly Georgopoulos

Senior Project Manager
Stantec Consulting Ltd.
300-675 Cochrane Drive, West Tower
Markham, ON L3R 0B8
Phone: (519) 780-8186
Email: LondonLines@Stantec.com

For more information about the proposed project, please visit our project website at:
<https://www.enbridgegas.com/About-Us> under "Projects"



From: [Lauren Whitwham](#)
To: environment@oneida.on.ca
Cc: [Ken McCorkle](#); [LondonLines](#)
Subject: Enbridge Gas London Lines Project: Open House and Alternative Route
Date: Friday, May 15, 2020 10:02:26 AM
Attachments: [let_160951170_Oneida_Notice-of-Change_20200513_fnl.pdf](#)

Good morning,

We hope this finds you and your family well.

I am following up with you on the Enbridge Gas London Lines Project on two topics.

First, we just wanted to follow up to confirm if you were able to access and view the VOH (Virtual Open House) for the London Lines Project? If you had any comments or would like more follow up please do not hesitate to contact us. We will be in contact with you regarding an opportunity for you to participate in monitoring on site for the Archaeological and Environmental surveys.

Secondly, I have attached a Notice of Project Change on the Enbridge Gas London Lines Project. For this Project, a third and fourth alternate route have been identified and included for consideration ("Strathroy Alternate 3" and "Strathroy Alternate 4") for the secondary pipeline to the community of Strathroy.

Stantec is request that any questions and/or comments regarding the Notice of Project Change or the proposed project be sent to them by May 29, 2020. The contact information for Stantec is also in the attachment.

If you have any questions or concerns about these two items, please feel free to reach out to Ken McCorkle or myself and we would be happy to assist.

We hope you enjoy the long weekend. Take care.

Many thanks,
Lauren

Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | lauren.whitwham@enbridge.com
109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect.



Stantec Consulting Ltd.
300W-675 Cochrane Drive, Markham ON L3R 0B8



May 13, 2020

Oneida Nation of the Thames

2212 Elm Avenue
Southwold, ON N0L 2G0

Dear Sir/Madam,

Reference: Enbridge Gas Inc. – London Lines Replacement Project: Notice of Project Change

Enbridge Gas Inc. (Enbridge) is proposing to replace a section of natural gas pipeline known as the London Lines in order to improve the integrity of the pipeline network and to increase system flexibility, as indicated in Enbridge's notification on April 8, 2020. The London Lines Replacement Project (LLRP) will include the construction of approximately 75 kilometers (km) of 8-inch, high pressure natural gas pipeline. This will replace the two current pipelines known collectively as the London Lines. The LLRP will also include the construction of approximately 10.5 km of a secondary 8-inch pipeline which will connect the replaced pipeline to the community of Strathroy.

You are receiving this letter because a third and fourth alternate route have been identified and included for consideration ("Strathroy Alternate 3" and "Strathroy Alternate 4") for the secondary pipeline to the community of Strathroy. For more details, please refer to the attached map.

As part of the planning process, Enbridge has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study of the construction and operation for the proposed natural gas pipeline. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge's application to the OEB as part of their Leave to Construct (LTC) application. The Environmental Report for the proposed project is anticipated to be completed by summer 2020. The OEB's review and approval is required before construction of the Project can proceed. If approved, construction of the pipeline is anticipated to begin in Spring/Summer 2021.

We request that any questions and/or comments regarding the Notice of Project Change or the proposed project be sent to the following contacts by May 29, 2020.

Yours truly,

Stantec Consulting Ltd.






Rooly Georgopoulos B.Sc.
Senior Associate, Senior Project Manager
Phone: (519) 780-8186
LondonLines@stantec.com

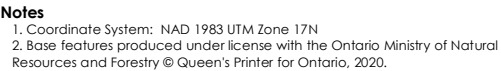
Attachment: Figure 1: London Lines Replacement Project

c. Kelsey Mills, Environmental Advisor, Enbridge Gas Inc.

Design with community in mind



-  Existing / Alternative Route
-  Alternative Segments
-  Strathroy Alternate 1
-  Strathroy Alternate 2
-  Strathroy Alternate 3
-  Strathroy Alternate 4
-  Strathroy Alternatives Buffer 500m
-  Expressway / Highway
-  Major Road
-  Minor Road
-  Municipal Boundary, Lower



Project Location 160951031 REV4
Counties of Lambton and
Middlesex Prepared by SPE on 2020-05-12

Client/Project
ENBRIDGE GAS INC

Figure No.	1
Title	London Lines Replacement Project

From: [Lauren Whitwham](#)
To: dan.miskokomon@wifn.org
Cc: [Ken McCorkle](#); [LondonLines](#)
Subject: FW: Enbridge Gas London Lines Project
Date: Monday, March 9, 2020 2:10:31 PM
Attachments: [London Lines map.pdf](#)

Good afternoon Chief Miskokoman,

Further to the email below, please find attached an updated map of the route for the Project.

We look forward to working with you on this project.

Thank you,
 Lauren

Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | lauren.whitwham@enbridge.com
 109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect.

From: Lauren Whitwham
Sent: Wednesday, February 26, 2020 3:01 PM
To: 'dan.miskokomon@wifn.org' <dan.miskokomon@wifn.org>
Cc: Ken McCorkle <Ken.McCorkle@enbridge.com>
Subject: Enbridge Gas London Lines Project

Good afternoon Chief Miskokoman,

Please find attached our notification letter and map for the Enbridge Gas Inc. London Lines Project.

-

We would like to set up a time to come to speak with your environment/consultation committee to discuss the project and provide you with details. Please reach out to Ken McCorkle to arrange for a time for discussion.

We look forward to working with you on this project.

Thank you,
 Lauren

Lauren Whitwham

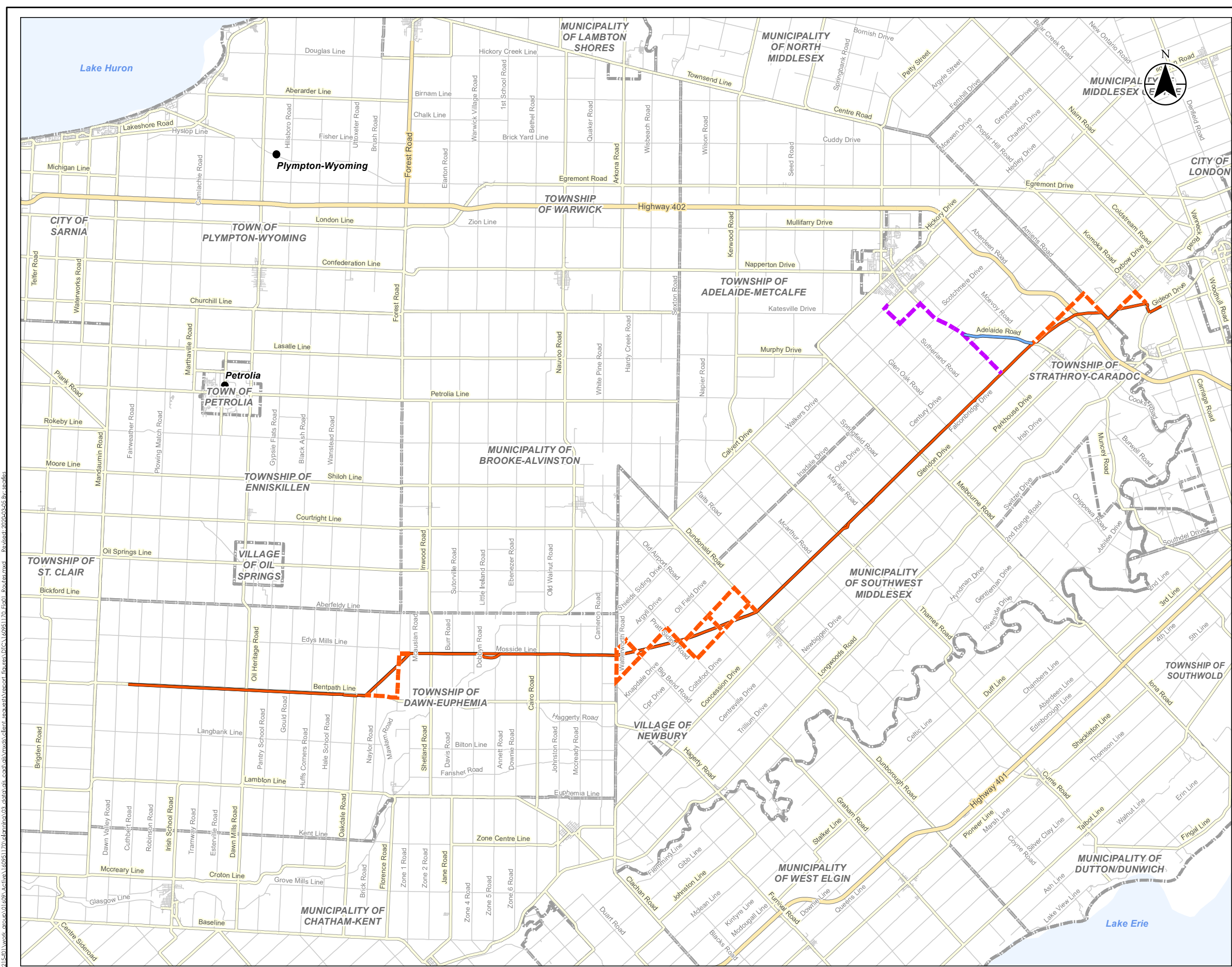
Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

ENBRIDGE GAS INC.

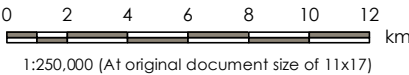
TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | lauren.whitwham@enbridge.com

109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect.



- Legend
- Existing / Alternative Route
 - Alternative Segments
 - Strathroy Alternate 1
 - Strathroy Alternate 2
 - Expressway / Highway
 - Major Road
 - Minor Road
 - Municipal Boundary, Lower



- Notes
- Coordinate System: NAD 1983 UTM Zone 17N
 - Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2020.



Project Location
Counties of Lambton and Middlesex

160951031 REV4
Prepared by SPE on 2020-03-05

Client/Project
ENBRIDGE GAS INC.

Figure No.
1
Title
London Lines Replacement Project

From: [Hartwig, Emily](#)
To: dan.miskokomon@wifn.org
Cc: Ken.McCorkle@enbridge.com; [Georgopoulos, Rooly](#); Kelsey.Mills@enbridge.com; londonlines@stantec.com
Subject: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)
Date: Wednesday, April 8, 2020 6:51:00 PM
Attachments: [let_160951170_Indigenous_NoC-VOH_DMiskokomon_2020-04-08_fnl.pdf](#)

Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

Emily Hartwig B.Sc., EP.
Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186
Mobile: 226 979-4457
Emily.Hartwig@stantec.com

Stantec
1-70 Southgate Drive
Guelph ON N1G 4P5



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Stantec Consulting Ltd.
300W-675 Cochrane Drive Markham, ON L3R 0B8



April 8, 2020

Attention: Chief Dan Miskokomon,
Walpole Island First Nation
117 Tahghoning Road
Walpole Island ON N8A 4K9

Dear Chief Miskokomon,

Reference: Enbridge Gas – London Lines Replacement Project, Notice of Project Commencement and Virtual Open House

Enbridge Gas is proposing to replace a section of natural gas pipeline in order to improve the integrity of the pipeline network and to increase system flexibility. All current services will be maintained as a result of this project.

The London Lines Replacement Project (LLRP) will include the construction of approximately 75 kilometers (km) of 8-inch, high pressure natural gas pipeline. This will replace the two current pipelines known collectively as the London Lines. The LLRP will also include the construction of 10.5 km of a secondary 8-inch pipeline which will connect the replaced pipeline to the community of Strathroy. The LLRP will start within the Township of Dawn-Euphemia near Oil Heritage Road and Bentpath Lane. The pipeline project will continue through the municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre at Komoka Road and Glendon Drive; and at a proposed new station at Calvert Drive and Sutherland Road in the Municipality of Strathroy-Caradoc. The general location and study area of the proposed pipeline is shown on the attached map.

As part of the planning process, Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study of the construction and operation for the proposed natural gas pipeline. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge's application to the OEB as part of their Leave to Construct (LTC) application. The Environmental Report for the proposed project is anticipated to be completed by early summer 2020. The OEB's review and approval is required before construction of the Project can proceed. If approved, construction of the pipeline is anticipated to begin in Spring/Summer 2021.

Walpole Island First Nation is invited to provide comments regarding the proposed pipeline. Specifically, Stantec is seeking information about any adverse impacts that the proposed project may have on constitutionally protected Aboriginal or treaty rights and any measures for mitigating those adverse impacts.

Stantec is presently compiling an environmental, socio-economic, and archaeological/cultural heritage inventory of the Environmental Study Area. As an Indigenous community with a potential interest in developments in that area, you are invited to provide or coordinate comments regarding the proposed pipeline.

As part of the Environmental Study, Enbridge is in the process of contacting the following agencies:

- Indigenous and Northern Affairs Canada; and
- Ontario Ministry of Indigenous Relations and Reconciliation.



April 8, 2020
Page 2 of 2



Reference: Enbridge Gas Distribution Inc. – London Lines Replacement Project, Notice of Project Commencement and Information Session

Public consultation with Indigenous communities, landowners, government agencies, current customers serviced by the London Lines, the general public, and other interested persons is an integral component of the planning process. As a result of the social distancing requirements set out by the Government of Canada and the Province of Ontario due to **COVID-19**, a Virtual Open House will be held in place of an in-person Open House regarding the proposed LLRP. The Virtual Open House will be available beginning on **April 20, 2020** at 9:00 am EST until **May 1, 2020** at 5:00 pm EST at:

www.solutions.ca/LondonLines

If you are unable to log onto the Virtual Open House between April 20 and May 1, please dial (519) 780-8186, leave a message with your contact information, and we will respond as soon as possible.

There will be a questionnaire available at the end of the presentation and you will have the ability to submit comments and/or questions about the proposed LLRP, including proposed routes, design and the anticipated project schedule during the presentation. In addition, a copy of the open house story boards will be available to download. Input received will be used to inform the selection of the preferred pipeline route, and to develop site specific environmental protection or mitigation measures for the Project.

If you have questions or concerns regarding the Project, please do not hesitate to contact the undersigned.

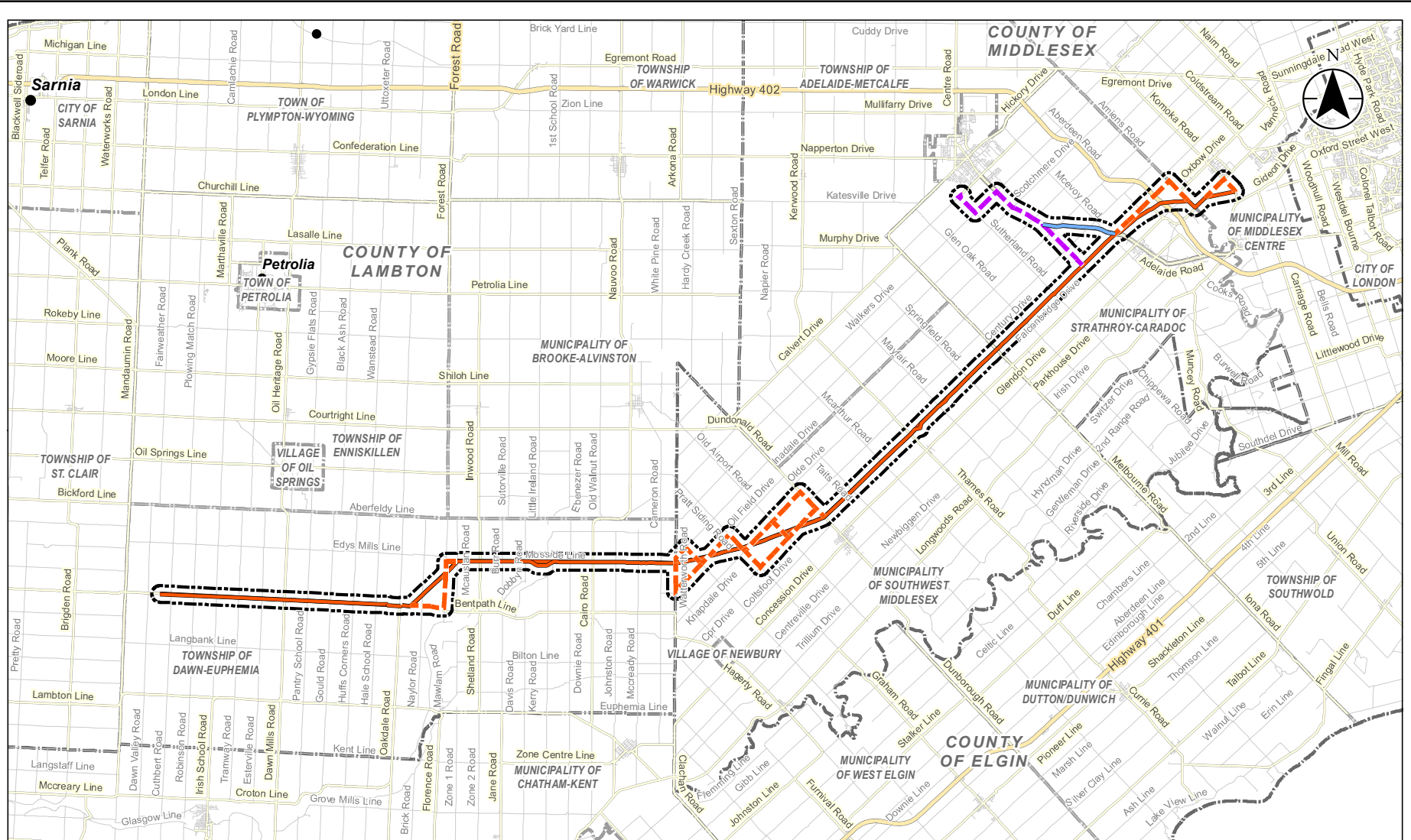
Regards,

ENBRIDGE GAS INC.

Ken McCorkle
Senior Advisor, Indigenous Affairs
Enbridge Gas Inc.
50 Keil Drive North
Chatham, ON, N7M 5M1
PH: 519-436-4600 ext. 5002243
Cell: 519-365-0584
Ken.McCorkle@enbridge.com

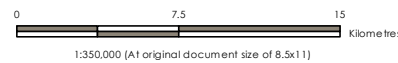
Attachment: Figure 1: London Lines Replacement Project

- c. Kelsey Mills, Sr. Environmental Analyst, Enbridge Gas Inc.
Rooley Georgopoulos, Senior Project Manager, Stantec Consulting Ltd.



Legend

- Existing / Alternative Route
- Alternative Segments
- Strathroy Alternate 1
- Strathroy Alternate 2
- Study Area
- Municipal Boundary, Upper
- Municipal Boundary, Lower



Notes
 1. Coordinate System: NAD 1983 UTM Zone 17N
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.

Project Location
 Counties of Lambton and Middlesex, ON
 160951031 REVA
 Prepared by SPE on 2020-04-08

Client/Project
 ENBRIDGE GAS INC.

Figure No.
 1
 Title
London Lines Replacement Project

From: [Georgopoulos, Rooly](#)
To: [Dean.Jacobs@wfn.org](#)
Cc: [Ken.McCorkle@enbridge.com](#); [Kelsey.Mills@enbridge.com](#); [LondonLines](#); [Hartwig, Emily](#)
Subject: RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)
Date: Wednesday, April 29, 2020 1:14:55 PM
Attachments: [51170_LLRP-Virtual-Open-House_20200416_fnl.pdf](#)

Good afternoon, I apologize for the multiple emails, but it has been brought to my attention that the Virtual Open House Presentation Boards that I attached to my last email could not be opened. Please see attached updated version of the Virtual Open House Presentation Boards for the London Lines Replacement Project.

Regards,
Rooly

Rooly Georgopoulos B.Sc.,
Senior Associate

Direct: 905-415-6367
 Mobile: 416-729-2300
 Fax: 905-474-9889
rooly.georgopoulos@stantec.com

Stantec
 300W-675 Cochrane Drive
 Markham ON L3R 0B8

Stantec



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From: Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>
Sent: Wednesday, April 29, 2020 11:42 AM
To: Dean.Jacobs@wfn.org
Cc: Ken.McCorkle@enbridge.com; Kelsey.Mills@enbridge.com; [LondonLines](#) <LondonLines@stantec.com>; Emily.Hartwig@stantec.com
Subject: RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)

Good morning,

Please find attached the Virtual Open House Presentation Boards and associated script for the London Lines Replacement Project.

Regards,
Rooly

Rooley Georgopoulos B.Sc.,

Senior Associate

Direct: 905-415-6367

Mobile: 416-729-2300

Fax: 905-474-9889

rooly.georgopoulos@stantec.com

Stantec

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From: Hartwig, Emily <Emily.Hartwig@stantec.com>

Sent: Wednesday, April 8, 2020 6:52 PM

To: Dean.Jacobs@wfn.org

Cc: Ken.McCorkle@enbridge.com; Georgopoulos, Rooley <Rooley.Georgopoulos@stantec.com>; Kelsey.Mills@enbridge.com; LondonLines <LondonLines@stantec.com>

Subject: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

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1-70 Southgate Drive

Guelph ON N1G 4P5



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London Lines Replacement Project Virtual Open House



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- Enbridge is committed to involving community members
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London Lines Replacement Project Virtual Open House



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- Approximately 75 kilometers (km) of 8-inch, high pressure, steel, natural gas pipeline, and a secondary 10.5 km, 8-inch pipeline to connect the Town of Strathroy.
- Will replace the two current pipelines known collectively as the London Lines.
- Start within the Township of Dawn-Euphemia and will continue through the Municipality of Southwest Middlesex and will end at two locations: within the Municipality of Middlesex Centre; and at a proposed new station in the Municipality of Strathroy-Caradoc.
- If approved by the Ontario Energy Board (OEB), construction of the proposed pipeline is planned to begin as early as spring 2021 and be in service by the end of 2021.



London Lines Replacement Project Virtual Open House



Purpose of the Virtual Open House

- Provide a safe alternative to an in-person meeting due to current social distancing requirements set out by the Province of Ontario and the Government of Canada.
- Consult with Indigenous communities, the public, and regulatory authorities regarding the proposed Preferred Route, and potential impacts.
- Provide an opportunity for these individuals and any affected landowners and the general public to review the proposed Project, and to ask any questions and/or provide comments to representatives from Enbridge and Stantec.



London Lines Replacement Project Virtual Open House



Environmental Study Process

The environmental study and Environmental Report will be completed as per the OEB's "*Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario (2016)*."

The study will:

- Undertake consultation to understand the views of interested and potentially affected parties.
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- Be conducted during the earliest phase of the Project.
- Identify potential impacts of the Project.
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London Lines Replacement Project Virtual Open House



Ontario Energy Board (OEB) Review and Approval Process

The application to the OEB will include information on the Project including:

- The need for the Project
- Environmental Report and mitigation measures
- Facility alternatives
- Project costs and economics
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- Land requirements
- Consultation with Indigenous Communities

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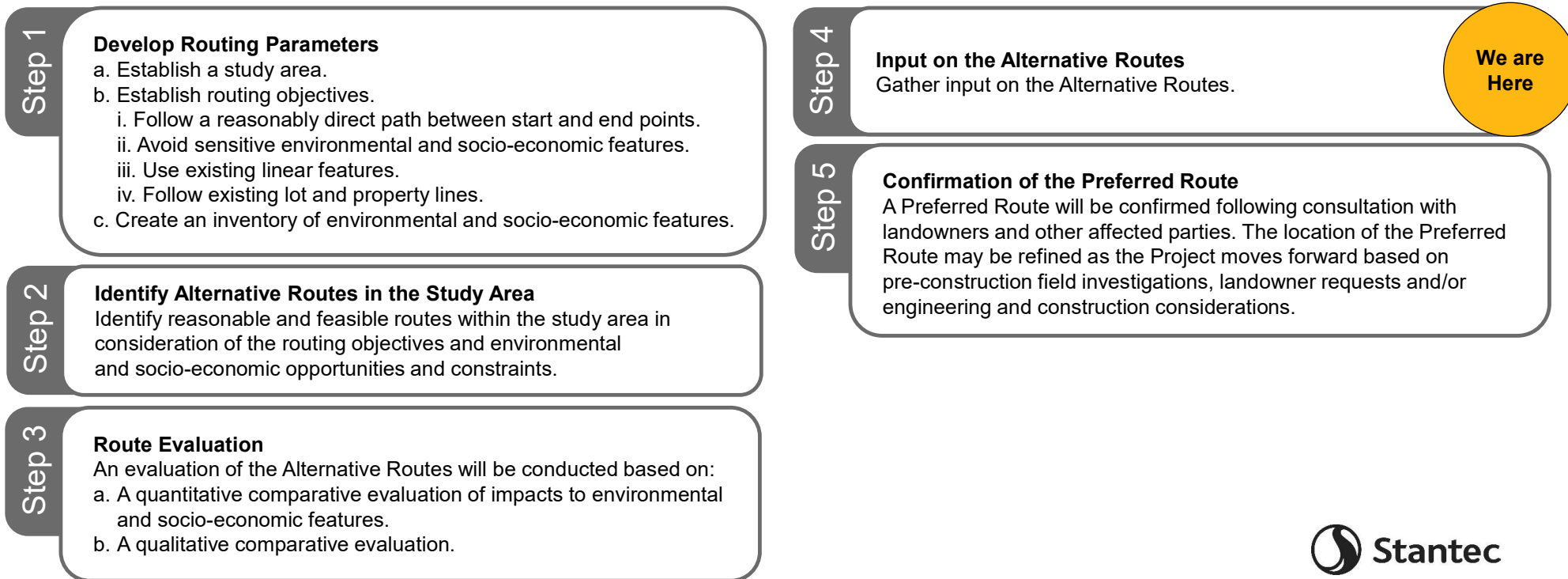


London Lines Replacement Project Virtual Open House



Preferred Route selection process

The Preferred Route for the proposed pipeline will be selected through a five-step process.



London Lines Replacement Project Virtual Open House



Route Evaluation Methodology

- Study Area pipeline routing constraints include natural heritage features, slope, topography, and socio-economic features and landscapes.
- A GIS routing exercise was undertaken that examined all mapped routing constraints and opportunities to generate alternative segments.
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An interactive map that shows the entire proposed Route and the alternative segments can be accessed at:

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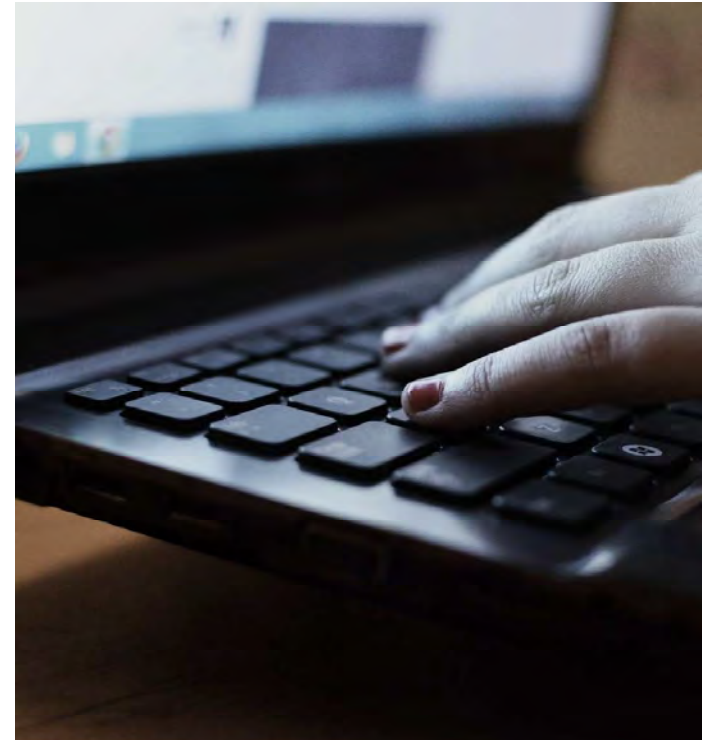


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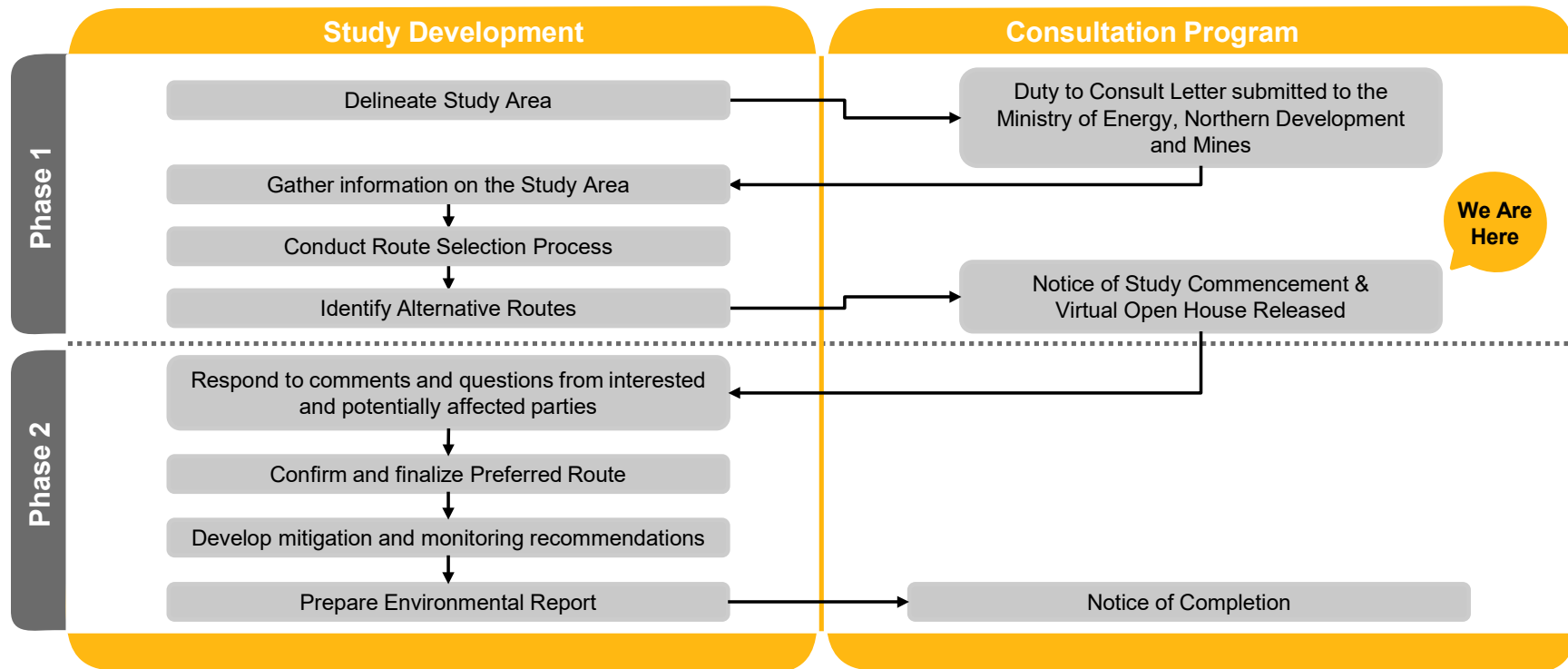


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- The consultation program helps identify and address stakeholder concerns and issues, provides information about the Project to the stakeholders, and allow for participation in the Project review and development process.
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London Lines Replacement Project Virtual Open House



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London Lines Replacement Project Virtual Open House



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London Lines Replacement Project Virtual Open House



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- Enbridge is committed to environmental protection and stewardship and we recognize that pollution prevention, biodiversity and resource conservation are key to a sustainable environment.
- All employees are responsible and accountable for contributing to a safe working environment, for fostering safe working attitudes, and for operating in an environmentally responsible manner.



London Lines Replacement Project Virtual Open House



Access and Land Requirements

- Once a preferred route is selected, an Enbridge Land Agent will begin discussions with landowners for the appropriate land rights necessary for the construction, decommission and/or removal of the pipeline.
- Enbridge is committed to working with all directly affected landowners in anticipation of acquiring early access agreements in order to gather essential information, including but not limited to, land survey data, environmental, archaeological and property site features, along with negotiating the necessary land rights.
- These land rights will consist of permanent easements and/or temporary land rights. The temporary land rights are only required during project construction activities.
- Enbridge will ensure that a Land Agent is available to each landowner during all pipeline construction activities.
- The Land Agent will keep all landowners informed of the progress of the project and assist with any concerns that may arise as a result of the construction activities.



London Lines Replacement Project Virtual Open House



Agricultural Soils

Enbridge has established and tested measures to preserve the integrity of agricultural soils throughout the construction phase:

- A third-party soils specialist will determine topsoil depth prior to stripping and supervise activities so the proper depth of topsoil is removed and replaced.
- Topsoil will be stripped from the right-of-way and other work areas and stockpiled along the right-of-way. A separation will be maintained between topsoil and subsoil.
- Enbridge Gas will implement a wet soil shutdown protocol on agricultural lands to minimize soil structure damage.
- The subsoil on the stripped portion of the right-of-way will be chisel ploughed or sub-soiled during cleanup activities to alleviate compaction.
- Any agricultural drainage systems impacted by construction will be repaired.
- Enbridge Gas will develop and implement a sampling program on agricultural easements along the pipeline route for potential pests and/or diseases that are known to the area, where appropriate.
- The entire outside boundaries of the work space necessary for construction of the project will be staked at regular intervals.
- A post-construction cover crop program will be available to landowners.



London Lines Replacement Project Virtual Open House



Maintaining Agricultural Drainage Systems

- Landowners will be contacted prior to construction to confirm the location and type of existing drains. Any future drainage plans will also be discussed with the landowner.
- Field tile will be temporarily re-routed during pre-construction activities where required to ensure proper drainage during construction.
- Damaged and severed drains will be repaired following construction. After repair and prior to backfilling, landowners will be invited to inspect and approve the repair. Any on-going field tile issues resulting from pipeline construction will be addressed by Enbridge Gas as required.



London Lines Replacement Project Virtual Open House



Socio-economic Features

The project will be constructed through road right of way, private business areas, agricultural and residential land, along with land regulated by both Canadian Pacific and Canadian National Railways, and land regulated by Hydro One, Lower Thames Valley Conservation Authority, St. Clair Region Conservation Authority, and Upper Thames River Conservation Authority.

Potential Effects

- Temporary increases in noise, dust and air emissions.
- Increased construction traffic volumes.
- Temporary impairment of the use and enjoyment of property.
- Vegetation clearing along the pipeline easement.

Example Mitigation Measures

- Provide access across the construction area.
- Restrict construction to daylight hours and adhere to applicable noise by-laws.
- Develop and implement a Traffic Control Plan.
- Place fencing at appropriate locations for safety.
- Implement a water well monitoring program.
- Making contact information for a designated Enbridge Gas representative available prior to and throughout construction.
- Dust control measures.
- Re-vegetation of cleared areas (seeding/planting).



London Lines Replacement Project Virtual Open House



Aquatic Resources

Enbridge understands the importance of protecting wildlife during construction and therefore will implement recognized mitigation measures to minimize possible environmental effects.

Potential Effects

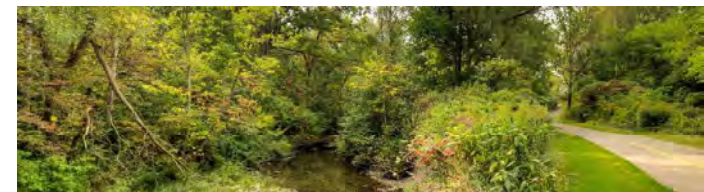
- Disruption and alteration to aquatic species and habitat and/or nuisance effects.
- Increased erosion, sedimentation, and turbidity resulting from removal of vegetation.

Example Mitigation Measures

- Conduct surveys of waterbodies.
- Obtain all agency permits and approvals.
- Limit in-channel construction, where possible, and conform to fish timing window guidelines.
- For in-channel construction, protect aquatic species and manage sedimentation and turbidity.
- Restore and seed areas to establish habitat and reduce erosion.
- Replant vegetation along waterways.



London Lines Replacement Project Virtual Open House



Cultural Heritage Resources

During the course of construction, cultural heritage features such as archaeological finds, buildings, fences and landscapes may be encountered. Detailed field surveys will be conducted by independent, third-party archaeologists and cultural heritage professionals.

Potential Effects

- Damage or destruction of archaeological, paleontological or historical resources.

Example Mitigation Measures

- Archaeological assessment of the construction right-of-way, with review and comment from the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI).
- Cultural heritage assessment (for built heritage features and cultural heritage landscapes) of the construction right-of-way, with review and comment from MHSTCI.
- Reporting of any previously unknown archaeological, paleontological or historical resources uncovered, or suspected of being uncovered, during excavation.



London Lines Replacement Project Virtual Open House



Terrestrial Resources

During the course of construction, natural heritage features such as wildlife habitat and vegetated/wooded areas will need to be crossed.

Potential Effects

- Damage or removal of vegetation and wildlife habitat adjacent to the construction area.
- Disturbance and/or mortality to local wildlife.

Example Mitigation Measures

- Conduct surveys (including Species at Risk surveys) in advance of construction to determine opportunities for wildlife habitat to exist.
- Clearly mark the construction area to avoid accidental damage.
- Restore and seed areas to establish habitat and reduce erosion.
- Secure any necessary permits and follow any conditions of approval.



London Lines Replacement Project Virtual Open House



Pipeline Design

The high-grade steel pipeline is designed to meet and/or exceed the regulations of the Canadian Standards Association (Z662 Oil and Gas Pipeline Systems) and the applicable regulations of the Technical Standards & Safety Association (TSSA).

Pipeline Safety and Integrity

We take many steps to ensure safe, reliable operation of our network of natural gas pipelines, such as:

- Design, construct, and test our pipelines to meet or exceed requirements set by industry standards and regulatory authorities,
- Continuously monitor the entire network, and
- Perform regular field surveys to detect leaks and confirm corrosion prevention methods are working as intended.



London Lines Replacement Project Virtual Open House



Pipeline Construction

1. **Site Preparation:** The first crew to enter the construction site is typically the survey and staking crew who delineate the boundaries of the construction area. When required safety fence is installed at the edge of the construction area where public safety considerations are necessary, and aspects of the traffic management plan are implemented (i.e., signs, vehicle access).
2. **Clearing:** The clearing crew clears brush and other vegetation including the temporary work space to permit construction of the pipeline.
3. **Grading and Stripping:** Next, the grading crew prepares the construction area for access by construction equipment. Existing landscaping is also removed, and dewatering undertaken, where necessary.
4. **Stringing:** The stringing crew lays pipe on wooden skids or boxes adjacent to the trench area.
5. **Trenching:** Once the construction area has been prepared, a hydraulic hoe will excavate the trench which will then be prepared for the installation of the new pipeline.
6. **Pipe Fabrication and Lowering:** Next, the pipe is bent as required and the welding crew welds the pipe into continuous lengths. The pipe welds are x-rayed and coated then inspected before the pipeline is lowered into the trench. Crews also install pipes under obstacles such as roads or watercourses by directional drilling. The welds are global positioning system located with locations identified on the weld map along with the identification of each pipe section for future identification.
7. **Hydrostatic Test:** The pipeline is tested hydrostatically. Water is drawn from a suitable local source based on discussions with the appropriate authorities and will be disposed of appropriately (e.g., discharged to land or sanitary sewer, or removed by an Enbridge approved waste disposal provider). Upon completion of the hydrostatic testing, the pipeline is dried, purged of air and prepared for delivery of the product.
8. **Backfilling:** The backfilling crew backfills the originally excavated subsoil over the pipe in the trench. In shallow water table areas, the pipeline may be weighted to provide negative buoyancy. Surplus backfill material will be removed from the construction area. The trench line will be crowned where necessary to allow for soil settlement.
9. **Clean-Up and Restoration:** The clean-up crew is responsible for the restoration of the construction area and other work areas. In natural areas the clean-up crew undertakes restoration including re-seeding of the area and restoring ditch banks, watercourse crossings and wetland areas, and removing erosion and sediment controls. In developed areas the clean-up crew undertakes landscaping plans developed for site restoration.

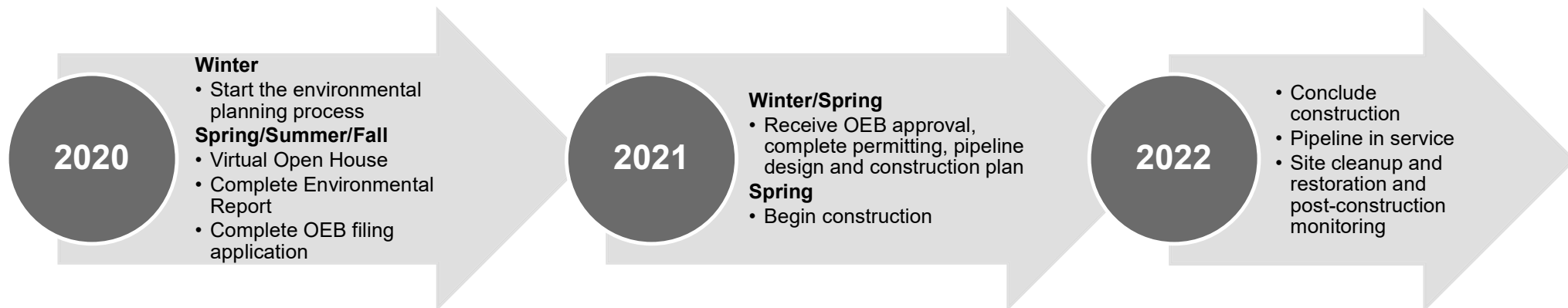


London Lines Replacement Project Virtual Open House

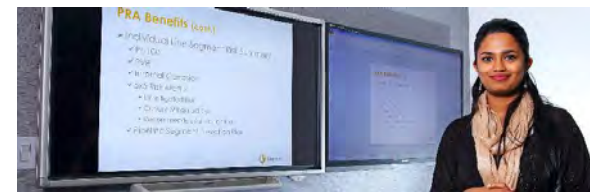


Next Steps

After this Virtual Open House, we intend to pursue the following schedule of activities:



London Lines Replacement Project Virtual Open House



Thank-you!

On behalf of the Project team, thank-you for listening to the Virtual Open House presentation. Please complete the Questionnaire, located in the Resources Tab.

Kelsey Mills

Environmental Advisor
Enbridge Gas Inc.
101 Honda Boulevard
Markham, ON L6C 0M6
Phone: (519) 780-8186
Email: LondonLines@Stantec.com

Rooly Georgopoulos

Senior Project Manager
Stantec Consulting Ltd.
300-675 Cochrane Drive, West Tower
Markham, ON L3R 0B8
Phone: (519) 780-8186
Email: LondonLines@Stantec.com

For more information about the proposed project, please visit our project website at:
<https://www.enbridgegas.com/About-Us> under "Projects"



From: [Georgopoulos, Rooly](#)
To: [Janet.macbeth@wifn.org](#)
Cc: [Ken.McCorkle@enbridge.com](#); [Kelsey.Mills@enbridge.com](#); [LondonLines](#); [Hartwig, Emily](#); [Lauren Whitwham](#)
Subject: RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)
Date: Wednesday, April 29, 2020 1:15:43 PM
Attachments: [51170_LLRP-Virtual-Open-House_20200416_fnl.pdf](#)

Good afternoon, I apologize for the multiple emails, but it has been brought to my attention that the Virtual Open House Presentation Boards that I attached to my last email could not be opened. Please see attached updated version of the Virtual Open House Presentation Boards for the London Lines Replacement Project.

Regards,
Rooly

Rooly Georgopoulos B.Sc.,
Senior Associate

Direct: 905-415-6367
 Mobile: 416-729-2300
 Fax: 905-474-9889
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From: Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>
Sent: Wednesday, April 29, 2020 11:42 AM
To: Janet.macbeth@wifn.org
Cc: Ken.McCorkle@enbridge.com; Kelsey.Mills@enbridge.com; [LondonLines](#) <LondonLines@stantec.com>; Emily.Hartwig@stantec.com; [Lauren Whitwham](#) <Lauren.Whitwham@enbridge.com>
Subject: RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

Sent on behalf of Ken McCorkle (Enbridge Gas Inc.)

Good morning,

Please find attached the Virtual Open House Presentation Boards and associated script for the London Lines Replacement Project.

Regards,

Rooly

Rooly Georgopoulos B.Sc.,
Senior Associate

Direct: 905-415-6367

Mobile: 416-729-2300

Fax: 905-474-9889

rooly.georgopoulos@stantec.com

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London Lines Replacement Project Virtual Open House



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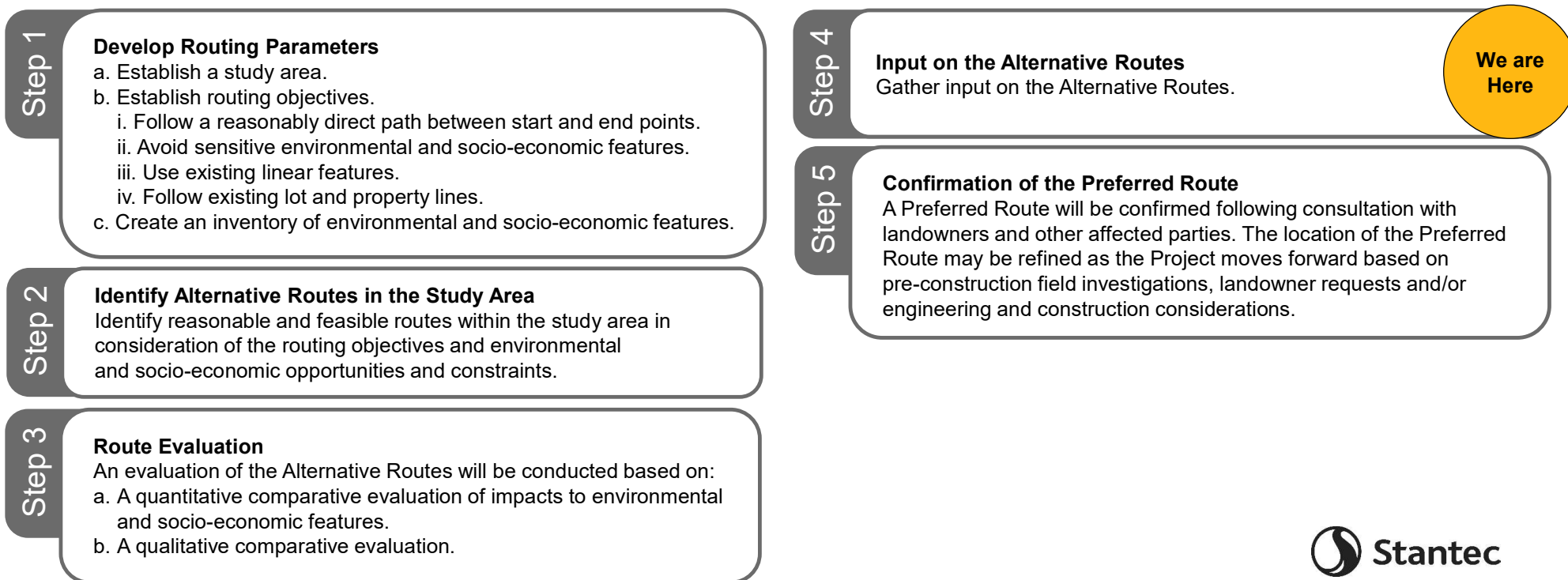
London Lines Replacement Project

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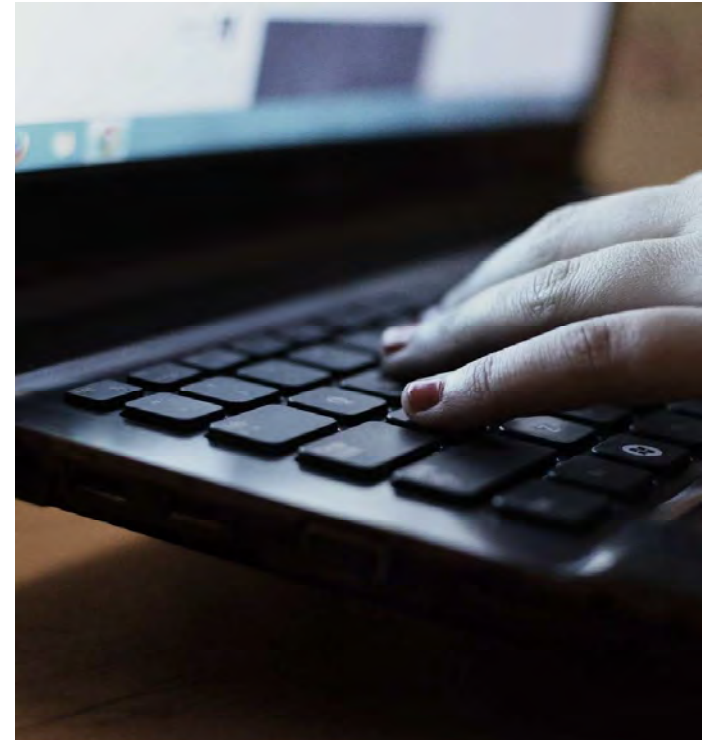


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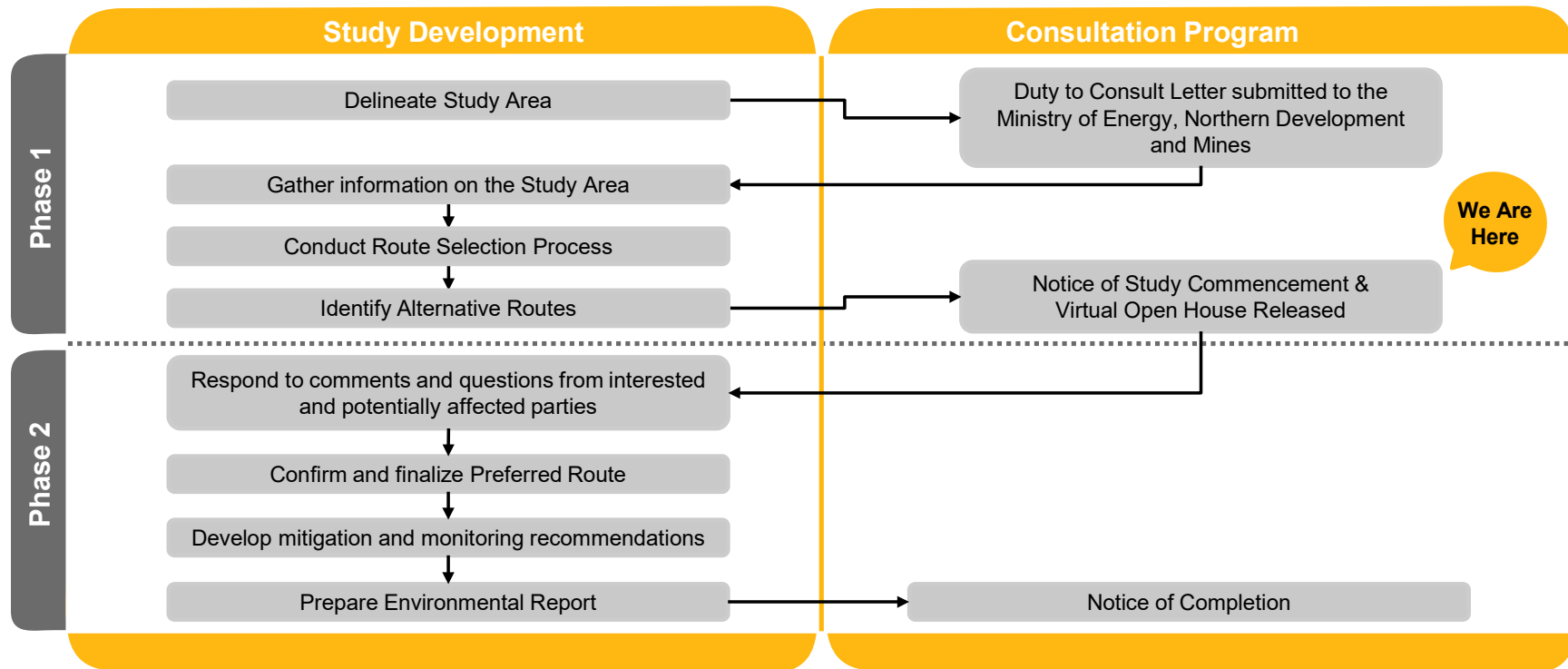


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- Our goal is to have no incidents and mitigate impacts on the environment by working with our stakeholders, peers and others to promote responsible environmental practices and continuous improvement.
- Enbridge is committed to environmental protection and stewardship and we recognize that pollution prevention, biodiversity and resource conservation are key to a sustainable environment.
- All employees are responsible and accountable for contributing to a safe working environment, for fostering safe working attitudes, and for operating in an environmentally responsible manner.



London Lines Replacement Project Virtual Open House



Access and Land Requirements

- Once a preferred route is selected, an Enbridge Land Agent will begin discussions with landowners for the appropriate land rights necessary for the construction, decommission and/or removal of the pipeline.
- Enbridge is committed to working with all directly affected landowners in anticipation of acquiring early access agreements in order to gather essential information, including but not limited to, land survey data, environmental, archaeological and property site features, along with negotiating the necessary land rights.
- These land rights will consist of permanent easements and/or temporary land rights. The temporary land rights are only required during project construction activities.
- Enbridge will ensure that a Land Agent is available to each landowner during all pipeline construction activities.
- The Land Agent will keep all landowners informed of the progress of the project and assist with any concerns that may arise as a result of the construction activities.



London Lines Replacement Project Virtual Open House



Agricultural Soils

Enbridge has established and tested measures to preserve the integrity of agricultural soils throughout the construction phase:

- A third-party soils specialist will determine topsoil depth prior to stripping and supervise activities so the proper depth of topsoil is removed and replaced.
- Topsoil will be stripped from the right-of-way and other work areas and stockpiled along the right-of-way. A separation will be maintained between topsoil and subsoil.
- Enbridge Gas will implement a wet soil shutdown protocol on agricultural lands to minimize soil structure damage.
- The subsoil on the stripped portion of the right-of-way will be chisel ploughed or sub-soiled during cleanup activities to alleviate compaction.
- Any agricultural drainage systems impacted by construction will be repaired.
- Enbridge Gas will develop and implement a sampling program on agricultural easements along the pipeline route for potential pests and/or diseases that are known to the area, where appropriate.
- The entire outside boundaries of the work space necessary for construction of the project will be staked at regular intervals.
- A post-construction cover crop program will be available to landowners.



London Lines Replacement Project Virtual Open House



Maintaining Agricultural Drainage Systems

- Landowners will be contacted prior to construction to confirm the location and type of existing drains. Any future drainage plans will also be discussed with the landowner.
- Field tile will be temporarily re-routed during pre-construction activities where required to ensure proper drainage during construction.
- Damaged and severed drains will be repaired following construction. After repair and prior to backfilling, landowners will be invited to inspect and approve the repair. Any on-going field tile issues resulting from pipeline construction will be addressed by Enbridge Gas as required.



London Lines Replacement Project Virtual Open House



Socio-economic Features

The project will be constructed through road right of way, private business areas, agricultural and residential land, along with land regulated by both Canadian Pacific and Canadian National Railways, and land regulated by Hydro One, Lower Thames Valley Conservation Authority, St. Clair Region Conservation Authority, and Upper Thames River Conservation Authority.

Potential Effects

- Temporary increases in noise, dust and air emissions.
- Increased construction traffic volumes.
- Temporary impairment of the use and enjoyment of property.
- Vegetation clearing along the pipeline easement.

Example Mitigation Measures

- Provide access across the construction area.
- Restrict construction to daylight hours and adhere to applicable noise by-laws.
- Develop and implement a Traffic Control Plan.
- Place fencing at appropriate locations for safety.
- Implement a water well monitoring program.
- Making contact information for a designated Enbridge Gas representative available prior to and throughout construction.
- Dust control measures.
- Re-vegetation of cleared areas (seeding/planting).



London Lines Replacement Project Virtual Open House



Aquatic Resources

Enbridge understands the importance of protecting wildlife during construction and therefore will implement recognized mitigation measures to minimize possible environmental effects.

Potential Effects

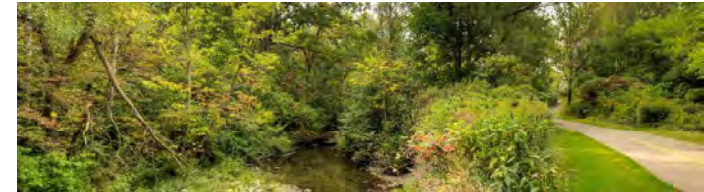
- Disruption and alteration to aquatic species and habitat and/or nuisance effects.
- Increased erosion, sedimentation, and turbidity resulting from removal of vegetation.

Example Mitigation Measures

- Conduct surveys of waterbodies.
- Obtain all agency permits and approvals.
- Limit in-channel construction, where possible, and conform to fish timing window guidelines.
- For in-channel construction, protect aquatic species and manage sedimentation and turbidity.
- Restore and seed areas to establish habitat and reduce erosion.
- Replant vegetation along waterways.



London Lines Replacement Project Virtual Open House



Cultural Heritage Resources

During the course of construction, cultural heritage features such as archaeological finds, buildings, fences and landscapes may be encountered. Detailed field surveys will be conducted by independent, third-party archaeologists and cultural heritage professionals.

Potential Effects

- Damage or destruction of archaeological, paleontological or historical resources.

Example Mitigation Measures

- Archaeological assessment of the construction right-of-way, with review and comment from the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI).
- Cultural heritage assessment (for built heritage features and cultural heritage landscapes) of the construction right-of-way, with review and comment from MHSTCI.
- Reporting of any previously unknown archaeological, paleontological or historical resources uncovered, or suspected of being uncovered, during excavation.



London Lines Replacement Project Virtual Open House



Terrestrial Resources

During the course of construction, natural heritage features such as wildlife habitat and vegetated/wooded areas will need to be crossed.

Potential Effects

- Damage or removal of vegetation and wildlife habitat adjacent to the construction area.
- Disturbance and/or mortality to local wildlife.

Example Mitigation Measures

- Conduct surveys (including Species at Risk surveys) in advance of construction to determine opportunities for wildlife habitat to exist.
- Clearly mark the construction area to avoid accidental damage.
- Restore and seed areas to establish habitat and reduce erosion.
- Secure any necessary permits and follow any conditions of approval.



London Lines Replacement Project Virtual Open House



Pipeline Design

The high-grade steel pipeline is designed to meet and/or exceed the regulations of the Canadian Standards Association (Z662 Oil and Gas Pipeline Systems) and the applicable regulations of the Technical Standards & Safety Association (TSSA).

Pipeline Safety and Integrity

We take many steps to ensure safe, reliable operation of our network of natural gas pipelines, such as:

- Design, construct, and test our pipelines to meet or exceed requirements set by industry standards and regulatory authorities,
- Continuously monitor the entire network, and
- Perform regular field surveys to detect leaks and confirm corrosion prevention methods are working as intended.



London Lines Replacement Project Virtual Open House



Pipeline Construction

1. **Site Preparation:** The first crew to enter the construction site is typically the survey and staking crew who delineate the boundaries of the construction area. When required safety fence is installed at the edge of the construction area where public safety considerations are necessary, and aspects of the traffic management plan are implemented (i.e., signs, vehicle access).
2. **Clearing:** The clearing crew clears brush and other vegetation including the temporary work space to permit construction of the pipeline.
3. **Grading and Stripping:** Next, the grading crew prepares the construction area for access by construction equipment. Existing landscaping is also removed, and dewatering undertaken, where necessary.
4. **Stringing:** The stringing crew lays pipe on wooden skids or boxes adjacent to the trench area.
5. **Trenching:** Once the construction area has been prepared, a hydraulic hoe will excavate the trench which will then be prepared for the installation of the new pipeline.
6. **Pipe Fabrication and Lowering:** Next, the pipe is bent as required and the welding crew welds the pipe into continuous lengths. The pipe welds are x-rayed and coated then inspected before the pipeline is lowered into the trench. Crews also install pipes under obstacles such as roads or watercourses by directional drilling. The welds are global positioning system located with locations identified on the weld map along with the identification of each pipe section for future identification.
7. **Hydrostatic Test:** The pipeline is tested hydrostatically. Water is drawn from a suitable local source based on discussions with the appropriate authorities and will be disposed of appropriately (e.g., discharged to land or sanitary sewer, or removed by an Enbridge approved waste disposal provider). Upon completion of the hydrostatic testing, the pipeline is dried, purged of air and prepared for delivery of the product.
8. **Backfilling:** The backfilling crew backfills the originally excavated subsoil over the pipe in the trench. In shallow water table areas, the pipeline may be weighted to provide negative buoyancy. Surplus backfill material will be removed from the construction area. The trench line will be crowned where necessary to allow for soil settlement.
9. **Clean-Up and Restoration:** The clean-up crew is responsible for the restoration of the construction area and other work areas. In natural areas the clean-up crew undertakes restoration including re-seeding of the area and restoring ditch banks, watercourse crossings and wetland areas, and removing erosion and sediment controls. In developed areas the clean-up crew undertakes landscaping plans developed for site restoration.

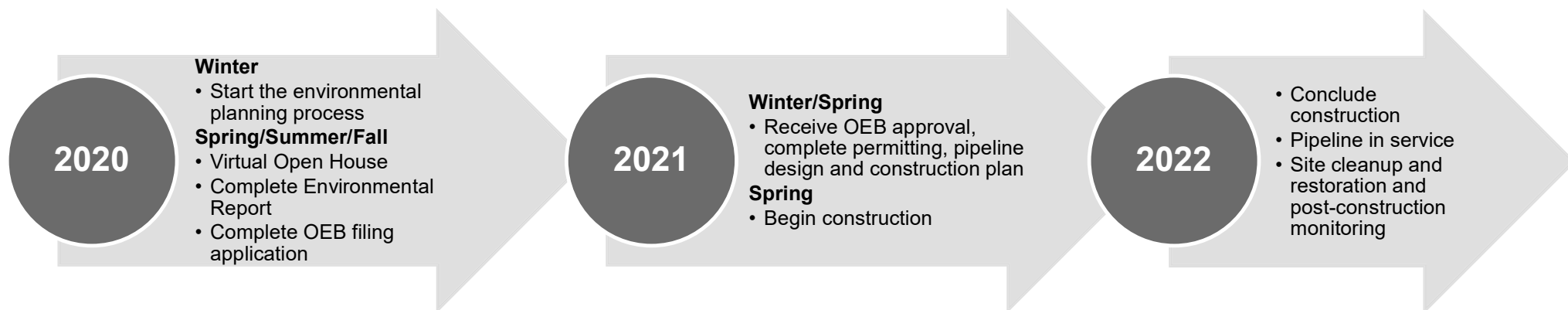


London Lines Replacement Project Virtual Open House

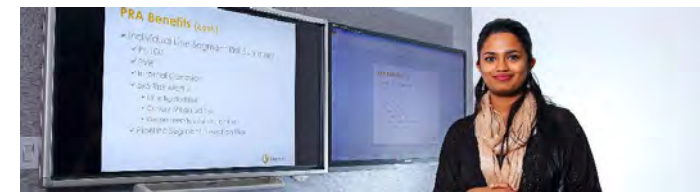


Next Steps

After this Virtual Open House, we intend to pursue the following schedule of activities:



London Lines Replacement Project Virtual Open House



Thank-you!

On behalf of the Project team, thank-you for listening to the Virtual Open House presentation. Please complete the Questionnaire, located in the Resources Tab.

Kelsey Mills

Environmental Advisor
Enbridge Gas Inc.
101 Honda Boulevard
Markham, ON L6C 0M6
Phone: (519) 780-8186
Email: LondonLines@Stantec.com

Rooly Georgopoulos

Senior Project Manager
Stantec Consulting Ltd.
300-675 Cochrane Drive, West Tower
Markham, ON L3R 0B8
Phone: (519) 780-8186
Email: LondonLines@Stantec.com

For more information about the proposed project, please visit our project website at:
<https://www.enbridgegas.com/About-Us> under "Projects"



From: [Lauren Whitwham](#)
To: dan.miskokomon@wifn.org; [Janet Macbeth](#); [Dean Jacobs](#)
Cc: [Ken McCorkle](#); [LondonLines](#)
Subject: Enbridge Gas London Lines Project: Open House and Alternative Route
Date: Friday, May 15, 2020 10:07:32 AM
Attachments: [let_160951170_Walpole_Notice-of-Change_20200513_fnl.pdf](#)

Good morning,

We hope this finds you and your family well.

I am following up with you on the Enbridge Gas London Lines Project on two topics.

First, we just wanted to follow up to confirm if you were able to access and view the VOH (Virtual Open House) for the London Lines Project? If you had any comments or would like more follow up please do not hesitate to contact us. We will be in contact with you regarding an opportunity for you to participate in monitoring on site for the Archaeological and Environmental surveys.

Secondly, I have attached a Notice of Project Change on the Enbridge Gas London Lines Project. For this Project, a third and fourth alternate route have been identified and included for consideration ("Strathroy Alternate 3" and "Strathroy Alternate 4") for the secondary pipeline to the community of Strathroy.

Stantec is request that any questions and/or comments regarding the Notice of Project Change or the proposed project be sent to them by May 29, 2020. The contact information for Stantec is also in the attachment.

If you have any questions or concerns about these two items, please feel free to reach out to Ken McCorkle or myself and we would be happy to assist.

We hope you enjoy the long weekend. Take care.

Many thanks,
Lauren

Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | lauren.whitwham@enbridge.com
109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect.



Stantec Consulting Ltd.
300W-675 Cochrane Drive, Markham ON L3R 0B8



May 13, 2020

Walpole Island First Nation
117 Tahghoning Road
Walpole Island, ON N8A 4K9

Dear Sir/Madam,

Reference: Enbridge Gas Inc. – London Lines Replacement Project: Notice of Project Change

Enbridge Gas Inc. (Enbridge) is proposing to replace a section of natural gas pipeline known as the London Lines in order to improve the integrity of the pipeline network and to increase system flexibility, as indicated in Enbridge's notification on April 8, 2020. The London Lines Replacement Project (LLRP) will include the construction of approximately 75 kilometers (km) of 8-inch, high pressure natural gas pipeline. This will replace the two current pipelines known collectively as the London Lines. The LLRP will also include the construction of approximately 10.5 km of a secondary 8-inch pipeline which will connect the replaced pipeline to the community of Strathroy.

You are receiving this letter because a third and fourth alternate route have been identified and included for consideration ("Strathroy Alternate 3" and "Strathroy Alternate 4") for the secondary pipeline to the community of Strathroy. For more details, please refer to the attached map.

As part of the planning process, Enbridge has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study of the construction and operation for the proposed natural gas pipeline. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)".

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge's application to the OEB as part of their Leave to Construct (LTC) application. The Environmental Report for the proposed project is anticipated to be completed by summer 2020. The OEB's review and approval is required before construction of the Project can proceed. If approved, construction of the pipeline is anticipated to begin in Spring/Summer 2021.

We request that any questions and/or comments regarding the Notice of Project Change or the proposed project be sent to the following contacts by May 29, 2020.

Yours truly,

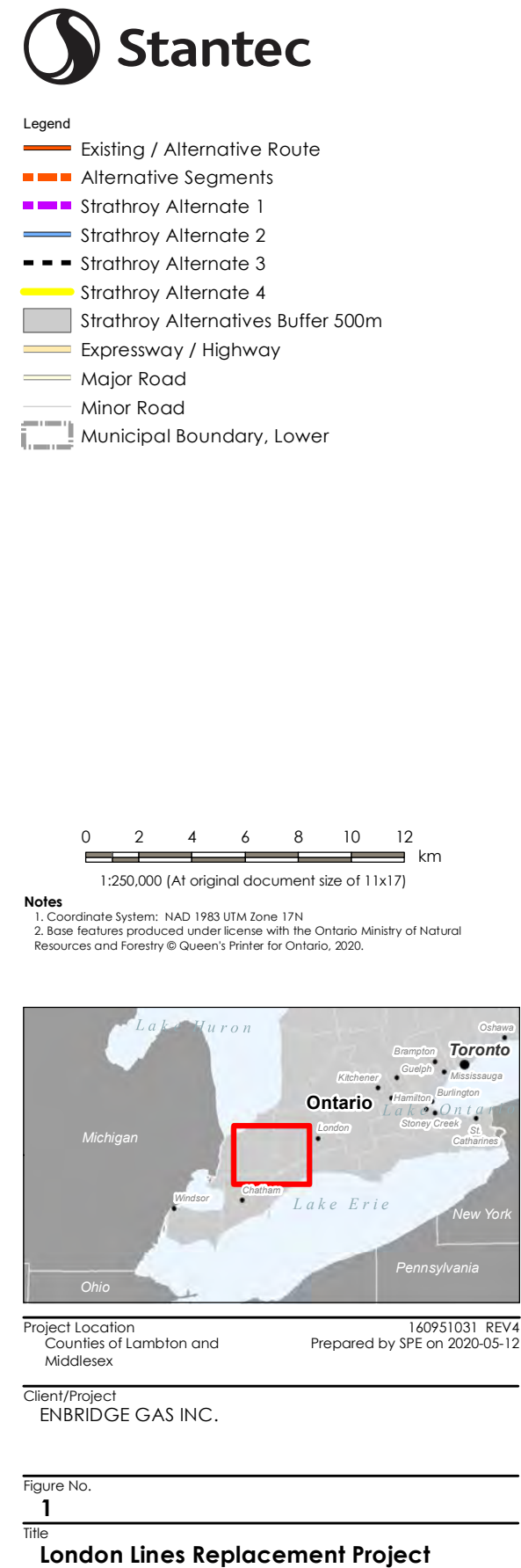
Stantec Consulting Ltd.

Rooy Georgopoulos B.Sc.
Senior Associate, Senior Project Manager
Phone: (519) 780-8186
LondonLines@stantec.com

Attachment: Figure 1: London Lines Replacement Project

c. Kelsey Mills, Environmental Advisor, Enbridge Gas Inc.

Design with community in mind



December 9, 2019

VIA EMAIL – dan.delaquis@ontario.ca

Ministry of Energy, Northern Development and Mines
Dan Delaquis
Manager (Acting), Indigenous Energy Policy
Unit 77 Grenville St.
6th Floor
Toronto, ON
M7A 1B3

Dear Mr. Delaquis:

Re: London Lines Replacement Project

The *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition 2016* (the “Guidelines”) issued by the Ontario Energy Board (the “Board”) indicate that a project applicant shall provide the Ministry of Energy, Northern Development and Mines (the “Ministry”) with a description of a project while in the planning process such that the Ministry can determine if there are any Duty to Consult requirements for the project.

The purpose of this letter is to inform the Ministry that Enbridge Gas Inc. (“Enbridge Gas”) has identified the need to replace an existing set of pipelines which run from Enbridge Gas’ Dawn Hub facility in the Township of Dawn-Euphemia, to Komoka in the Municipality of Middlesex Centre. Additionally, a new pipeline will be installed connecting the replacement pipeline to Strathroy in the Municipality of Strathroy-Caradoc. The Project will require Enbridge Gas to file a Leave to Construct application with the Board. Enbridge Gas is therefore contacting the Ministry to determine whether the Project triggers the Duty to Consult.

Attachment 1 contains a description of the Project’s characteristics and its location for the Ministry’s review, and to assist it with its determination as to whether it will delegate the procedural aspects of the Duty to Consult to Enbridge. While work on the Project is still in its early stages, Enbridge Gas would be pleased to discuss the Project with you should you have any questions.

Regards,

Asha Patel
Technical Manager, Regulatory Applications
Enbridge Gas Inc.
416-495-5642

Attachment 1: Project Description

1.0 Project Summary

Enbridge Gas Inc. (“Enbridge Gas”) has identified the need to replace approximately 75 km of Nominal Pipe Size (“NPS”) 8 and 10 inch steel natural gas main with NPS 8 steel natural gas main, and the need to reinforce the delivery to Strathroy in the Municipality of Strathroy-Caradoc with approximately 12 km of NPS 8 steel natural gas main (the “Project”). The majority of the replacement pipeline route will follow the existing pipeline route to maintain gas connections with existing communities and customers. The project also involves upgrades to services and stations along the route of the proposed pipeline. The existing NPS 8 and 10 pipelines along this route will be abandoned.

The Project will require the construction of an NPS 8 steel natural gas main and the abandonment of both existing NPS 8 and NPS 10 steel natural gas mains. The Project will tie into a steel natural gas main at the Enbridge Dawn Hub on Bentpath Line, east of Dawn Valley Road on the west end of the Project (Township of Dawn-Euphemia). On the east end, the Project will tie into a regulating station located south of the intersection of Glendon Road and Komoka Road in Komoka (Municipality of Middlesex Centre), located on the periphery of Komoka Provincial Park.

Figure 1 below shows the existing pipeline with potential alternative routes being considered.

The proposed pipeline route starts in the Township of Dawn-Euphemia on Bentpath Line, just east of Dawn Valley Road at Enbridge Gas’ Dawn Hub facility. The pipeline then travels along Bethpath Line to just east of Oakdale Road.

The pipeline then travels through an easement to the intersection of Mcauslan Road and Mossdale Line, where it continues east along Mossdale Line to the intersection of Mossdale Line and Watterworth Road. The pipe then enters the Municipality of Southwest Middlesex and continues through another easement to Big Bend Road and Knapdale Drive. From there, it travels along Knapdale Drive to Old Airport Road. At Knapdale Drive and Old Airport Road, the pipe continues along Old Airport Road to CPR Drive. The pipe follows CPR Drive to Dundonald Road. From there, the pipe runs along Dundonald Road to Falconbridge Drive. The pipe follows Falconbridge Drive, entering the Municipality of Strathroy-Caradoc, to Rougham Road.

The pipeline then travels through an easement to the intersection of Amiens Rd and Glendon Drive. The pipe runs along Glendon Drive, entering the Municipality of Middlesex Centre, then through another easement to the existing Enbridge Komoka regulating station.

At the intersection of Falconbridge Road and Adelaide Road in the Municipality of Strathroy-Caradoc, the NPS 8 pipeline will tie into the new pipeline replacement and be installed along Adelaide Road to Walkers Drive. The pipe then travels along Walkers Drive to Sunderland Road. From there, the pipe runs along Sunderland Road until Calvert Drive. It then travels along Calvert Drive to the existing Enbridge Strathroy regulating station.

The existing pipeline is located in both existing road allowances as well as within easements. The replacement pipeline will be located in the same road allowances where possible to ensure existing customers are still able to have natural gas delivered. Where possible, pipeline that is currently in an easement will be moved to existing road allowances. The proposed alternative routes primarily comprise the options to relocate from the easement to the road allowance.

Temporary working space and laydown areas may also be required adjacent to these areas to facilitate the movement and storage of equipment necessary for construction. Enbridge Gas will work with regulators and landowners to identify and secure appropriate working space as required.

Preparation of an Environmental Report (“ER”) for the Project has been initiated. The ER will examine the alternative routes and determine, from an environmental and socio-economic perspective, the preferred route for the Project. Engineering design is expected to be finalized during the permitting stage of the Project.

2.0 Authorizations and Recommendations Required

An ER for the Project will be prepared in accordance with the Ontario Energy Board’s (the “Board”) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines in Ontario, 7th Edition* 2016. The ER will identify the potential authorizations required. Enbridge Gas’ preliminary work on the Project has identified the following potential authorizations:

Federal approvals:

- Department of Fisheries and Oceans

Provincial approvals:

- Ontario Energy Board
- Lower Thames Valley Conservation Authority
- Upper Thames River Conservation Authority
- St. Clair Region Conservation Authority
- Ministry of Transportation
- Ministry of Heritage, Sport, Tourism and Culture Industries
- Ministry of Environment, Conservation and Parks
- Ministry of Indigenous Affairs

Municipal approvals:

- Township of Dawn-Euphemia
- Municipality of Southwest Middlesex
- Municipality of Strathroy-Caradoc
- Municipality of Middlesex Centre

- County of Lambton
- Middlesex County

Additionally, approval from other utilities in the area may be required. Other authorizations, notifications, permits and/or approvals may be required in addition to those identified above.

3.0 Project Activities

Planning activities for the Project commenced in 2019 and will continue until the commencement of construction in Q2 of 2021. Pursuant to the Guidelines an ER will be prepared and geotechnical and archaeological studies will be completed. The design process involves the selection of a specific running line location, appropriate materials, the selection of valves/fittings and location(s) for trenchless drilling activities. Information obtained from the geotechnical analysis, subsurface utility engineering and soil sampling is typically used to inform pipeline design.

Engineered drawings will be produced with the final design and issued to local municipalities and other regulators for approval. Once all approvals are obtained, final engineered drawings will be prepared for construction.

The pipelines and associated facilities may be installed via open-trench and/or trenchless technologies. Normal depth of ground cover over the pipeline will be 1.2 m; however, it may be installed deeper to provide additional protection in areas where it crosses underneath existing infrastructure and other sensitive environmental and/or socio-economic features.

4.0 Potential Environmental Effects and Mitigation Measures

The area in which the Project is to be constructed is within multiple municipalities. It is expected that the majority of adverse environmental and/or socio-economic effects will be construction related. These effects are expected to be temporary and transitory. The Project will also be underground once construction is complete, further limiting the potential for any long-term effects.

Mitigation measures recommended in the ER will be followed in conjunction with Enbridge Gas' Construction and Maintenance Manual. In addition, Enbridge Gas will use professional judgement, past experience, industry best practices and any additional feedback received through the consultation process when constructing the Project.

5.0 Project Benefits

The Project will allow Enbridge Gas to continue to provide natural gas to customers in the surrounding area in a safe and reliable manner by replacing an existing pair of pipelines with known integrity issues. The Project will also provide additional capacity in the area to deliver natural gas to new customers.

6.0 Contact Information

Regulatory Applications:

Asha Patel

Asha.Patel@enbridge.com

416-495-5642

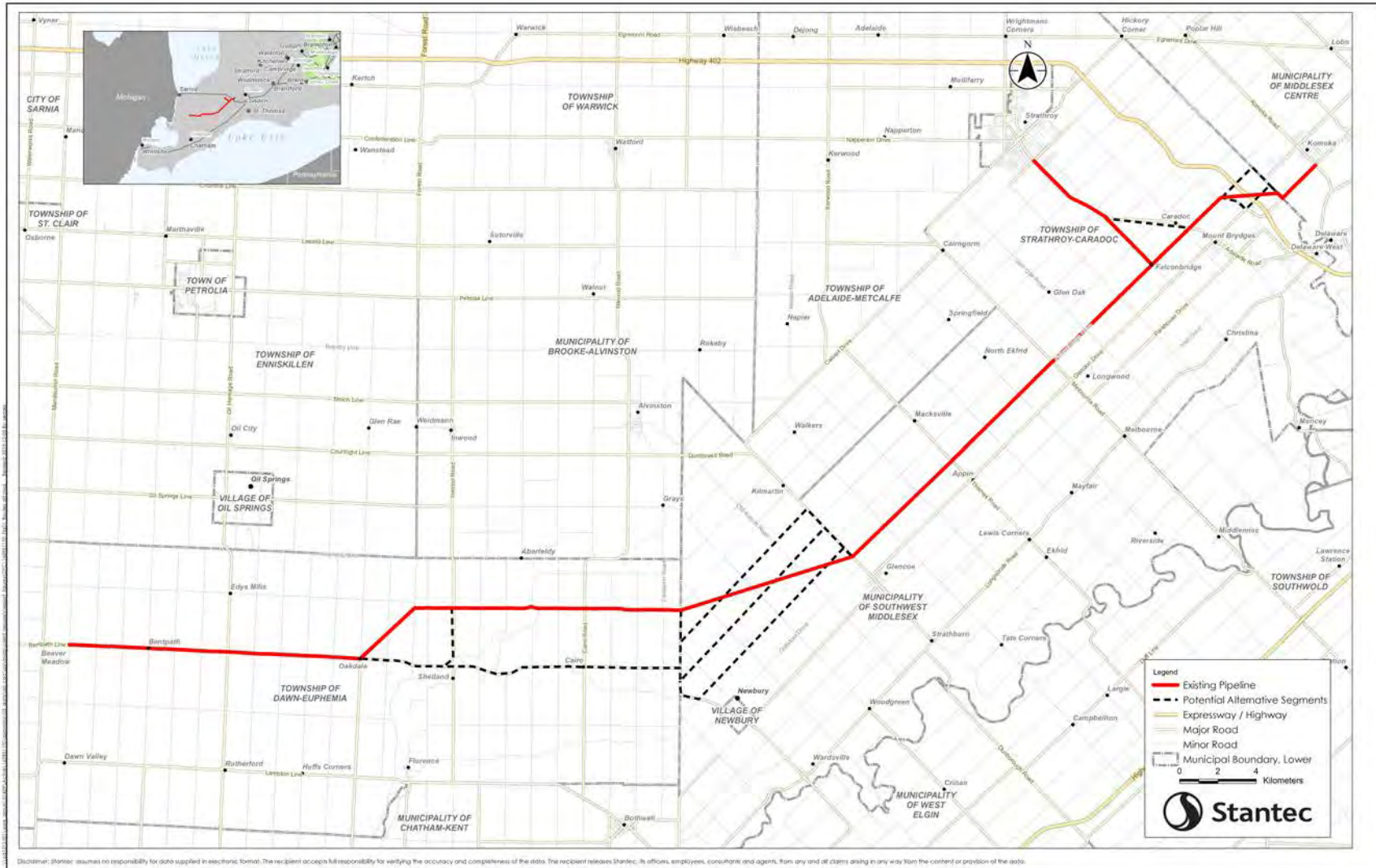
Indigenous Affairs:

Ken McCorkle

KMcCorkle@uniongas.com

519-436-4600 x5002243

Figure 1: Preliminary and potential alternative routes being considered.



**Ministry of Energy,
Northern
Development and
Mines**

**Ministère de
l'Énergie, du
Développement du
Nord et des Mines**



77 Grenville Street 77, rue Grenville
6th Floor 6^e étage
Toronto ON M7A 2C1 Toronto ON M7A 2C1

VIA EMAIL

February 25, 2020

Asha Patel
Technical Manager, Regulatory Applications
Enbridge Gas Distribution Inc
500 Consumers Road, North York

Re: London Lines Replacement Project

Dear Asha Patel:

Thank you for your email dated December 9, 2019 notifying the Ministry of Energy, Northern Development and Mines (ENDM) of Enbridge Gas Distribution Inc's intention to apply to the Ontario Energy Board (OEB) for Leave to Construct for the London Lines Replacement Project (the Project).

I understand that Enbridge Gas Distribution Inc has identified the need to replace approximately 75 km of Nominal Pipe Size ("NPS") 8 and 10 inch steel natural gas main with NPS 8 steel natural gas main, and the need to reinforce the delivery to Strathroy in the Municipality of Strathroy-Caradoc with approximately 12 km of NPS 8 steel natural gas main (the "Project"). The majority of the replacement pipeline route will follow the existing pipeline route to maintain gas connections with existing communities and customers. The project also involves upgrades to services and stations along the route of the proposed pipeline. The existing NPS 8 and 10 pipelines along this route will be abandoned.

The Project will require the construction of an NPS 8 steel natural gas main and the abandonment of both existing NPS 8 and NPS 10 steel natural gas mains. The Project will tie into a steel natural gas main at the Enbridge Dawn Hub on Bentpath Line, east of Dawn Valley Road on the west end of the Project (Township of Dawn-Euphemia). On the east end, the Project will tie into a regulating station located south of the intersection of Glendon Road and Komoka Road in Komoka (Municipality of Middlesex Centre), located on the periphery of Komoka Provincial Park.

On behalf of the Government of Ontario (the Crown), ENDM has reviewed the information provided by Enbridge Gas Distribution Inc with respect to the Project and assessed it against the Crown's current understanding of the interests and rights of Aboriginal communities who hold or claim Aboriginal or treaty rights protected under Section 35 of Canada's Constitution Act 1982 (Indigenous Communities) in the area. In doing so, ENDM has determined that the Project may have the potential to affect such Indigenous communities.

The Crown has a constitutional duty to consult and, where appropriate, accommodate Indigenous communities when the Crown contemplates conduct that might adversely impact established or asserted Aboriginal or Treaty rights. These consultations are in addition to consultation imposed by statute.

While the legal responsibility to meet the duty to consult lies with the Crown, the Crown may delegate the day-to-day, procedural aspects of consultation to project Proponents. Such a delegation by the Crown to Proponents is routine practice for ENDM.

I am writing to advise you that on behalf of the Crown, ENDM is delegating the procedural aspects of consultation in respect of the Project to Enbridge Gas Distribution Inc (Proponent) through this letter. ENDM expects that the Proponent will undertake the procedural aspects of consultation with respect to any regulated requirements for the proposed Project. The Crown will fulfill the substantive aspects of consultation and retain oversight over all aspects of the process for fulfilling the Crown's duty.

Please see the appendix for information on the roles and responsibilities of both the Crown and the Proponent.

Based on the Crown's assessment of First Nation and Métis community rights and potential project impacts, the following Indigenous communities should be consulted on the basis that they have or may have constitutionally protected Aboriginal or Treaty rights that may be adversely affected by the Project.

Community	Mailing Address
Oneida Nation of the Thames	2212 Elm Avenue Southwold, ON N0L 2G0
Aamjiwnaang,	974 Tashmoo Avenue Sarnia, ON N7T 7H5
Caldwell	14 Orange Street Leamington, ON N8H 1P5
Chippewas of the Thames	320 Chippewa Road

	Muncey, ON N0L 1Y0
Chippewas of Kettle and Stony Point	6247 Indian Lane Lambton Shores, ON N0N 1J2
Bkejwanong (Walpole Island)	117 Tahgahoning Road Walpole Island, ON N8A 4K9

This rights-based consultation list is based on information that is subject to change. Consultation is ongoing throughout the duration of the project, including project development and design, consultation, approvals, construction, operation and decommissioning. First Nation and Métis communities may make new rights assertions at any time, and further project related developments can occur that may require additional First Nation and/or Métis communities to be notified and/or consulted.

If you become aware of potential rights impacts on Indigenous communities that are not listed above at any stage of project, please bring this to the attention of ENDM with any supporting information regarding the claim at your earliest convenience.

ENDM is assuming a coordinating role within government in relation to rights-based Aboriginal consultation on the Project. We recommend contacting the following ministry representatives if you have any questions or concerns relating to a specific ministry's mandate:

Ministry/Contact	Phone/Email
Kristen Bromfield – Policy Advisor, Indigenous Energy Unit Ministry of Energy, Northern Development and Mines	Kristen.Bromfield@ontario.ca 416- 735-3297
Peter Brown – Consultation Advisor, Environmental Assessment and Permissions Division Ministry of the Environment, Conservation and Parks	peter.brown@ontario.ca 416-314-0149
Joe Vecchiolla – Policy Lead, Realty Policy Branch, Ministry of Government and Consumer Services	Joseph.vecchiolla@ontario.ca 647-267-3247

Acknowledgement

By accepting this letter, the Proponent acknowledges this Crown delegation and the procedural consultation responsibilities enumerated in the appendix. If you have any questions about this request, you may contact Kristen Bromfield (see above).

I trust that this information provides clarity and direction regarding the respective roles of the Crown and Enbridge Gas Distribution Inc. If you have any questions about this letter or require any additional information, please contact me directly.

Sincerely,

A handwritten signature in black ink, appearing to be 'Dan Delaquis', enclosed within a hand-drawn oval.

Dan Delaquis
Manager, Indigenous Energy Policy

C: Ontario Pipeline Coordinating Committee (OPCC)

APPENDIX: PROCEDURAL CONSULTATION

Roles and Responsibilities Delegated to the Proponent

On behalf of the Crown, please be advised that your responsibilities as Project Proponent for this Project include:

- providing notice and information about the Project to Indigenous communities, with sufficient detail and at a stage in the process that allows the communities to prepare their views on the Project and, if appropriate, for changes to be made to the Project. This can include:
 - accurate, complete and plain language information including a detailed description of the nature and scope of the Project and translations into Aboriginal languages where appropriate;
 - maps of the Project location and any other affected area(s);
 - information about the potential negative effects of the Project on the environment, including their severity, geographic scope and likely duration. This can include, but is not limited to, effects on ecologically sensitive areas, water bodies, wetlands, forests or the habitat of species at risk and habitat corridors;
 - a description of other provincial or federal approvals that may be required for the Project to proceed;
 - whether the Project is on privately owned or Crown controlled land;
 - any information the Proponent may have on the potential effects of the Project, including particularly any likely adverse impacts on established or asserted Aboriginal or treaty rights;
 - a written request asking the Indigenous community to provide in writing or through a face-to-face meeting:
 - any information available to them that should be considered when preparing the Project documentation;
 - any information the community may have about any potential adverse impacts on their Aboriginal or treaty rights; and
 - any suggested measures for avoiding, minimizing or mitigating potential adverse impacts;
 - information about how information provided by the Indigenous community as part of the consultation process will be collected, stored, used, and shared for their approval;

- identification of any mechanisms that will be applied to avoid, minimize or mitigate potential adverse impacts;
 - identification of a requested timeline for response from the community and the anticipated timeline for meeting Project milestones following each notification;
 - an indication of the Proponent's availability to discuss the process and provide further information about the Project;
 - the Proponent's contact information; and
 - any additional information that might be helpful to the community;
- following up, as necessary, with Indigenous communities to ensure they received Project notices and information and are aware of the opportunity to comment, raise questions or concerns and identify potential adverse impacts on their established or asserted rights;
 - gathering information about how the Project may adversely affect Aboriginal or treaty rights;
 - bearing the reasonable costs associated with the procedural aspects of consultation (paying for meeting costs, making technical support available, etc.) and considering reasonable requests by communities for capacity funding to assist in participating in the consultation process;
 - considering and responding to comments and concerns raised by Indigenous communities and answering questions about the Project and its potential impacts on Aboriginal or treaty rights;
 - as appropriate, discussing and implementing changes to the Project in response to concerns raised by Indigenous communities. This could include modifying the Project to avoid or minimize an impact on an Aboriginal or treaty right (e.g. altering the season when construction will occur to avoid interference with mating or migratory patterns of wildlife); and
 - informing Indigenous communities about how their concerns were taken into consideration and whether the Project proposal was altered in response. It is considered a best practice to provide the Indigenous community with a copy of the consultation record as part of this step for verification.

If you are unclear about the nature of a concern raised by an Indigenous community, you should seek clarification and further details from the community, provide opportunities to listen to community concerns and discuss options, and clarify any issues that fall outside the scope of the consultation process. These steps should

be taken to ensure that the consultation process is meaningful and that concerns are heard and, where possible, addressed.

You can also seek guidance from the Crown at any time. It is recommended that you contact the Crown if you are unsure about how to deal with a concern raised by an Indigenous community, particularly if the concern relates to a potential adverse impact on established or asserted Aboriginal or treaty rights.

The consultation process must maintain sufficient flexibility to respond to new information, and we request that you make all reasonable efforts to build positive relationships with all Indigenous communities potentially affected by the Project. If a community is unresponsive to efforts to notify and consult, you should nonetheless make attempts to update the community on the progress of the Project, the environmental assessment (if applicable) and other regulatory approvals.

If you reach a business arrangement with an Indigenous community that may affect or relate to the Crown's duty to consult, we ask that that Crown be advised of those aspects of such an arrangement that may relate to or affect the Crown's consultation obligations, and that the community itself be apprised of the Proponent's intent to so-appraise the Crown. Whether or not any such business arrangements may be reached with any community, the Crown expects the Proponent to fulfill all of its delegated procedural consultation responsibilities to the satisfaction of the Crown.

If the Crown considers that there are outstanding issues related to consultation, the Crown may directly undertake additional consultation with Indigenous communities, which could result in delays to the Project. The Crown reserves the right to provide further instructions or add communities throughout the consultation process.

Roles and responsibilities assumed directly by the Crown

The role of the Crown in fulfilling any duty to consult and accommodate in relation to this Project includes:

- identifying for the Proponent, and updating as appropriate, the Indigenous communities to consult for the purposes of fulfillment of the Crown duty;
- carrying out, from time to time, any necessary assessment of the extent of consultation or, where appropriate, accommodation, required for the project to proceed;
- supervising the aspects of the consultation process delegated to the Proponent;
- determining in the course of Project approvals whether the consultation of Indigenous communities was sufficient;

- determining in the course of Project approvals whether accommodation of Indigenous communities, if required, is appropriate and sufficient.

Consultation Record

It is important to ensure that all consultation activities undertaken with Indigenous communities are fully documented. This includes all attempts to notify or consult the community, all interactions with and feedback from the community, and all efforts to respond to community concerns. Crown regulators require a complete consultation record in order to assess whether Aboriginal consultation and any necessary accommodation is sufficient for the Project to receive Ontario government approvals. The consultation record should include, but not be limited to, the following:

- a list of the identified Indigenous communities that were contacted;
- evidence that notices and Project information were distributed to, and received by, the Indigenous communities (via courier slips, follow up phone calls, etc.). Where a community has been non-responsive to multiple efforts to contact the community, a record of such multiple attempts and the responses or lack thereof.
- a written summary of consultations with Indigenous communities and appended documentation such as copies of notices, any meeting summaries or notes including where the meeting took place and who attended, and any other correspondence (e.g., letters and electronic communications sent and received, dates and records of all phone calls);
- responses and information provided by Indigenous communities during the consultation process. This includes information on Aboriginal or treaty rights, traditional lands, claims, or cultural heritage features and information on potential adverse impacts on such Aboriginal or treaty rights and measures for avoiding, minimizing or mitigating potential adverse impacts to those rights; and
- a summary of the rights/concerns, and potential adverse impacts on Aboriginal or treaty rights or on sites of cultural significance (e.g. burial grounds, archaeological sites), identified by Indigenous communities; how comments or concerns were considered or addressed; and any changes to the Project as a result of consultation, such as:
 - changing the Project scope or design;
 - changing the timing of proposed activities;
 - minimizing or altering the site footprint or location of the proposed activity;
 - avoiding impacts to the Aboriginal interest;

- environmental monitoring; and
- other mitigation strategies.

As part of its oversight role, the Crown may, at any time during the consultation and approvals stage of the Project, request records from the Proponent relating to consultations with Indigenous communities. Any records provided to the Crown will be subject to the *Freedom of Information and Protection of Privacy Act*, however may be exempted from disclosure under section 15.1 (Relations with Aboriginal communities) of the Act. Additionally, please note that the information provided to the Crown may also be subject to disclosure where required under any other applicable laws.

The contents of what will make up the consultation record should be shared at the onset with the Indigenous communities consulted with and their permission should be obtained. It is considered a best practice to share the record with the Indigenous community prior to finalizing it to ensure it is a robust and accurate record of the consultation process.

From: [Hartwig, Emily](#)
To: [Robert Cascaden](#)
Cc: [Lauren.Whitwham@enbridge.com](#); [Georgopoulos, Rooly](#); [Kelsey.Mills@enbridge.com](#); [LondonLines](#)
Subject: RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)
Date: Wednesday, April 8, 2020 8:00:30 PM
Attachments:

Good evening Robert,

Thank-you for your prompt reply. I can confirm that we have sent the Notice of Commencement and Virtual Open House to individuals at Middlesex County, including Chris Traini.

Regards,

Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

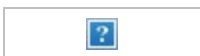
Mobile: 226 979-4457

Emily.Hartwig@stantec.com

Stantec

1-70 Southgate Drive

Guelph ON N1G 4P5



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From: Robert Cascaden <cascaden@middlesexcentre.on.ca>

Sent: Wednesday, April 8, 2020 7:36 PM

To: Hartwig, Emily <Emily.Hartwig@stantec.com>

Cc: Lauren.Whitwham@enbridge.com; Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>; Kelsey.Mills@enbridge.com; [LondonLines](mailto:LondonLines@stantec.com) <LondonLines@stantec.com>

Subject: RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

Hi Emily,

Thank you for the information. You are likely fully aware but I thought I should point out that Glendon Drive is a county road and as such you should circulate this to Middlesex County as well. I only point this out as there have been several instances of confusion between Middlesex County and the Municipality of Middlesex Centre. The contact at the county is Chris Traini, County Engineer.

Thanks

Rob



Rob Cascaden, P.Eng.

Director of Public Works and Engineering

[Middlesex Centre](#) | cascaden@middlesexcentre.on.ca



10227 Ilderton Road, RR#2 | Ilderton, Ontario, N0M 2A0
Tel: 519.666.0190 Ext. 245 | Fax: 519.666.0271



Please consider your environmental responsibility before printing this e-mail.

From: Hartwig, Emily <Emily.Hartwig@stantec.com>
Sent: Wednesday, April 8, 2020 7:19 PM
To: Robert Cascaden <cascaden@middlesexcentre.on.ca>
Cc: Lauren.Whitwham@enbridge.com; Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>; Kelsey.Mills@enbridge.com; LondonLines <LondonLines@stantec.com>
Subject: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

CAUTION: This email originated from outside of the Middlesex Centre email system. Please use caution when clicking links or opening attachments unless you recognize the sender and know the content is safe.

Sent on behalf of Rooly Georgopoulos (Stantec Consulting Ltd.)

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

Emily Hartwig B.Sc., EP.
Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

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1-70 Southgate Drive

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CONTACT RECORD

NAME(S):	<u>Ben Puzanov</u>	PROJECT NO.:	<u>160951170</u>
	<u>County of Lambton</u>	REPRESENTING:	<u>Stantec Consulting Ltd.</u>
TELEPHONE:	<u></u>	DATE/TIME:	<u>4/14/2020</u>
RE:	<u>London Lines Replacement</u>	RECORDED BY:	<u>Emily Hartwig</u>
	<u>Project (LLRP)</u>		

☒ **CALL RECEIVED**☐ **CALL PLACED**☐ **MEETING**

NOTES:

The County of Lambton called regarding the LLRP Notice and left a voicemail. Specific to Dawn-Euphemia township, representatives have noted that there are no development applications within the Study Area. The County is checking with their cultural services department to see if there are any items of cultural interest in the area.

From: [Lambton Federation of Agriculture](#)
To: [Hartwig, Emily](#)
Subject: Re: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)
Date: Wednesday, April 15, 2020 4:58:00 PM
Attachments: [200415 Letter to Stantec Consulting Ltd.pdf](#)

Good afternoon,

Please find attached, a letter to Rooly Georgopolous, Senior Project Manager, regarding the Notice of Commencement and Virtual Open House for the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Sincerely,
Gary Martin, President
Lambton Federation of Agriculture

On Wed, Apr 8, 2020 at 8:01 PM Hartwig, Emily <Emily.Hartwig@stantec.com> wrote:

Sent on behalf of Rooly Georgopoulos (Stantec Consulting Ltd.)

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186
Mobile: 226 979-4457
Emily.Hartwig@stantec.com

Stantec
1-70 Southgate Drive
Guelph ON N1G 4P5



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Officers

GARY MARTIN
President/PAC Member

DARCY FULLER
1st Vice President

MIKE BELAN
2nd Vice President

JOANNE FULLER
Member Service Rep.

CRISPIN COLVIN
Zone Director

CHRISTINA HYATT
Treasurer

KAYTIE CLARKE
Office Administrator

Directors

BRADLEY COUWENBERG
Director

GEORGE DICKENSON
Director

CHLOE DUFFY
Director

DOUG KRALL
Director

DON MCCABE
Director

MATT MCRAE
Director

BURT MCKINLAY
Director/PAC Member

LAUREN VAN EWYK
Director/PAC Member

April 15, 2020

Rooly Georgopoulos, B.Sc.
Senior Project Manager
Stantec Consulting Ltd.
300W-675 Cochrane Drive
Markham, ON L3R 0B8

Dear Rooly Georgopolous,

With respect to your instructions for those without the capability to participate in your "Virtual Open House" due to a lack of internet, or sufficient internet connectivity:

RE: from your letter dated April 8, 2020

If you are unable to log onto the Virtual Open House between April 20 and May 1, please dial (519) 780-8186, leave a message with your contact information, and we will respond as soon as possible.

We would like to inquire what your plans are to host an in-person public Open House whenever feasible, to accommodate those who are unable to participate online.

We also want to know if this "Virtual Open House" will be the only consultation you host, or if you plan on hosting a second public meeting later this year.

Also, have you advertised this meeting in local newspapers and sent notices via mail to affected land owners?

As you may or may not know, some within the catchment area of the London Lines Replacement Project (LLRP) do not have reliable options for internet of sufficient speed to participate online, and some may not have internet at all.

Reliable internet access is the norm in urban areas of Ontario, but continues to be a problem in many rural areas of the province, often only a few miles from major cities. Access to high speed internet in rural and remote areas of Ontario is an ongoing struggle.

We would like to make sure that all have an opportunity to participate in your required consultation.

Sincerely,

Gary Martin, President

Lambton Federation of Agriculture

From: [Georgopoulos, Rooly](#)
To: info@lambtonfederation.ca
Cc: [LondonLines](#); [Allison Chong](#); [Kelsey Mills](#)
Subject: FW: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)
Date: Friday, April 17, 2020 4:41:23 PM

Good afternoon Gary,

Thank you very much for your letter and your comments.

We understand that access to internet may not be available to all residents and stakeholders within the study area of the Project. Enbridge has tried to address this limitation in a few ways to ensure all interested residents and stakeholders have the ability to provide input on the proposed Project and potential routes while protecting the health and safety of all those involved.

Enbridge has a project-specific phone line that is available for any resident or stakeholder to contact at any time. A representative from Stantec would then be able to provide this resident or stakeholder with the option being emailed or of having a printed copy of the Open House information mailed to them, as well as a print out of the audio script, questionnaire and a paid postage return envelope to mail the completed questionnaire back, if needed.

The Notice of Commencement was mailed to all residents and stakeholders within the study area and it was also published in The Age Dispatch (serves Strathroy-Middlesex area) and The Herald (serves Thamesville and Bothwell area). The Notices were published this week and will be published again in the same papers next week (during the week of April 20-24). The project-specific phone number is included in the notices dropped off to all stakeholders and in the published newspaper Notice of Commencement.

At this time, Enbridge will not be considering an in-person public Open House, as the timeline of when this may be able to proceed is unknown.

if you have any further questions or comments please feel free to reach out to the Project Team at your convenience.

Regards,
Rooly

From: Lambton Federation of Agriculture <info@lambtonfederation.ca>
Sent: Wednesday, April 15, 2020 4:56:25 PM
To: Hartwig, Emily <Emily.Hartwig@stantec.com>
Subject: Re: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

Good afternoon,

Please find attached, a letter to Rooly Georgopolous, Senior Project Manager, regarding the Notice of Commencement and Virtual Open House for the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Sincerely,
Gary Martin, President
Lambton Federation of Agriculture

On Wed, Apr 8, 2020 at 8:01 PM Hartwig, Emily <Emily.Hartwig@stantec.com> wrote:

Sent on behalf of Rooly Georgopoulos (Stantec Consulting Ltd.)

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186
Mobile: 226 979-4457
Emily.Hartwig@stantec.com

Stantec
1-70 Southgate Drive
Guelph ON N1G 4P5



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From: [Lauren Whitwham](#)
To: [Bill Rayburn](#); [Chris Traini](#)
Cc: [Kelsey Mills](#); [LondonLines](#); [Brian Lennie](#)
Subject: London Lines Proposed Route and contact information
Date: Thursday, April 16, 2020 4:43:54 PM
Attachments: [NOC_51170_20200408_newspaper.pdf](#)
[London Lines Proposed route Southwest Middlesex 20200408.pdf](#)
[London Lines Proposed route Middlesex Centre 20200408.pdf](#)
[London Lines Proposed route Strathroy Caradoc 20200408.pdf](#)
[London Lines Proposed roads Middlesex county 20200408.pptx](#)

Good afternoon Bill and Chris,

Thank you for taking the time to meet with us yesterday to discuss the early stages of the London Lines Replacement project. We look forward to working with the County on this project.

In follow up to the call, I would like to provide you with some information.

- Detailed description of the road route as it travels through your county.
- A notice that you can use on the County website is attached.
- The Project team contact information is below. Please feel free to reach out to them if you have any questions or concerns.
- Also below is the information for you for residents that would like to reach out to Enbridge about connecting to natural gas along the route.

London Lines Replacement Project team:

Allison Chong	Project lead	allison.chong@enbridge.com
Kelsey Mills	Environment	kelsey.mills@enbridge.com
Addie White	Permitting and Lands	addie.white@enbridge.com
Alicja Pagaduan	Permitting	alicja.pagaduan@enbridge.com

General Southwest contacts:

James Whittaker	Regional Manager, Construction	James.whittaker@enbridge.com
Nick Jones	Supervisor, Construction	nick.jones@enbridge.com
Brian Lennie	Senior Advisor, Municipal Affairs	brian.lennie@enbridge.com
Lauren Whitwham	Analyst, Municipal Affairs	lauren.whitwham@enbridge.com

Environmental Assessment:

If there are any questions or concerns regarding the environmental assessment or proposed routes please contact:

Phone: (519) 780-8186

Email: Londonlines@Stantec.com

Connecting to Gas/New Customer:

If any residents would like to inquire about connecting to Natural Gas please contact us at:

<https://www.uniongas.com/switchtogas/>

Phone: 1-866-772-1045

Please feel free to reach out to any of us with questions, concerns or issues you might have.

Again, thank you for your time. Take care.

Lauren

Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | lauren.whitwham@enbridge.com

109 Commissioners Road West, London, ON N6A4P1

Safety. Integrity. Respect.

From: [Kelsey Mills](#)
To: [Lauren Whitwham](#)
Cc: [LondonLines](#)
Subject: RE: London Lines : Follow up to our call today
Date: Thursday, April 16, 2020 1:20:50 PM

Great – thanks Lauren!

Kelsey Mills

—
 TEL: 905-927-3145 | CELL: 416-454-9539

From: Lauren Whitwham <Lauren.Whitwham@enbridge.com>
Sent: Thursday, April 16, 2020 1:16 PM
To: Kelsey Mills <Kelsey.Mills@enbridge.com>
Cc: londonlines@stantec.com
Subject: FW: London Lines : Follow up to our call today

Hi Kelsey,

I sent this yesterday after the meeting. I will cc you and the London lines email going forward as I reach out to the other municipalities.

Thanks,
 Lauren

From: Lauren Whitwham
Sent: Wednesday, April 15, 2020 3:39 PM
To: Donna Clermont <Clerk@dawneuphemia.on.ca>; roads@dawneuphemia.on.ca
Cc: Brian Lennie <Brian.Lennie@enbridge.com>
Subject: London Lines : Follow up to our call today

Hi Donna and Paul,

Thank you much for meeting with us today to discuss the London Lines Replacement Project. We look forward to working with the Township on the project.

In following up to the call, I would like to provide you with some information.

- The notice that you can use on your township website is attached.
- The contact information for the project team is below. Please feel free to reach out to them if you have any questions or concerns.
- Also below is the contact information for you in case residents would like to reach out about connecting to natural gas.

London Lines Replacement Project team:

Allison Chong	Project lead	allison.chong@enbridge.com
Kelsey Mills	Environment	kelsey.mills@enbridge.com
Addie White	Permitting and Lands	addie.white@enbridge.com
Alicja Pagaduan	Permitting	alicia.pagaduan@enbridge.com

General Southwest contacts:

James Whittaker	Regional Manager, Construction	James.whittaker@enbridge.com
Nick Jones	Supervisor, Construction	nick.jones@enbridge.com
Brian Lennie	Senior Advisor, Municipal Affairs	brian.lennie@enbridge.com
Lauren Whitwham	Analyst, Municipal Affairs	lauren.whitwham@enbridge.com

Environmental Assessment:

If there are any questions or concerns regarding the environmental assessment or proposed routes please contact:

Phone: (519) 780-8186

Email: Londonlines@Stantec.com

Connecting to Gas/New Customer:

If any residents would like to inquire about connecting to Natural Gas please contact us at:

<https://www.uniongas.com/switchtogas/>

Phone: 1-866-772-1045

Feel free to reach out if you have any questions or concerns. Again, thanks for taking the time.

Take care and all the best,
Lauren

Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | lauren.whitwham@enbridge.com

109 Commissioners Road West, London, ON N6A4P1

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From: [Lauren Whitwham](#)
To: [Donna Clermont](#)
Cc: [Kelsey Mills](#); [LondonLines](#)
Subject: FW: Presentations
Date: Thursday, April 16, 2020 1:49:33 PM
Attachments: [160951170_Fig01_Routes_MunMapbook_20200408_Dawn-Euphemia.pdf](#)

Hi Donna,

Further to my email yesterday, please find attached the zoomed in map for your township.

Thank you,

Lauren

From: [Lauren Whitwham](#)
To: [George Elliott](#); [Fred Tranquilli](#); [Demetri Makrakos](#); [Jake Straus](#); [Jennifer Huff](#)
Cc: [Brian Lennie](#); [Kelsey Mills](#); [LondonLines](#)
Subject: RE: London Lines : Follow up to our call
Date: Wednesday, April 29, 2020 4:47:11 PM
Attachments:

[Stations for Strathroy-Caradoc.pdf](#)
[Enbridge responses to Strathroy Caradoc email April 21.pdf](#)

Good afternoon George,

Thank you for the email last week. You provided us some valuable feedback that was taken to the Project team for their consideration.

I have attached responses to the questions, concerns and comments you provided us. The Project team looks forward to continuing the conversation with you on these areas.

I have also attached a map with the proposed stations locations and examples of how they would look.

Thanks again,

Lauren

From: George Elliott <gelliott@strathroy-caradoc.ca>
Sent: Tuesday, April 21, 2020 12:12 PM
To: Lauren Whitwham <Lauren.Whitwham@enbridge.com>; Fred Tranquilli <ftranquilli@strathroy-caradoc.ca>; Demetri Makrakos <dmakrakos@strathroy-caradoc.ca>; Jake Straus <jstrauss@strathroy-caradoc.ca>; Jennifer Huff <jhuff@strathroy-caradoc.ca>
Cc: Brian Lennie <Brian.Lennie@enbridge.com>; Kelsey Mills <Kelsey.Mills@enbridge.com>; londonlines@stantec.com
Subject: [External] RE: London Lines : Follow up to our call

EXTERNAL: PLEASE PROCEED WITH CAUTION.

This e-mail has originated from outside of the organization. Do not respond, click on links or open attachments unless you recognize the sender or know the content is safe.

Kelsey Mills / Lauren Whitwham

Thanks for the conference call last week. We have accessed and viewed your virtual open house information as well.

From the EA level of study perspective, Strathroy-Caradoc does not have any concerns and supports your initiative.

To assist you going forward with the project, the following are a number of items and points for your possible consideration.

1. For the purpose of providing Municipal Consent access to our right of ways, we will need the typical drawing submissions identifying location of infrastructure in the right of way with offsets from property lines and other features. A set of typical cross sections would be ideal to assist in this review. We would also welcome the opportunity for pre-consultation during the design phase and would look to support you through the preliminary and final designs as well.
2. We would like to see all locations and details of any infrastructure that is above grade (test ports, pressure reducers, valves, markers etc)
3. For the section of works on Falconbridge Drive between Melbourne Road and Rougham Road, there is one railway siding that crosses the road going into the Ontario Hydro sub-station (crossing agreement?)
4. Below is a rough sketch of the pipeline across the north end of the Mount Brydges community. The piping is within the settlement boundary of the community. We have had pre-consultations on two parcels of land shown below regarding residential subdivisions. The pipeline relocation out of these lands onto Falconbridge Drive will have positive development benefits. We can assist with making contact with the developers if you need.



5. Also shown in the picture above, our Public Works yard has the pipeline bisecting the property. The relocation of the pipe will also benefit our operations.
6. At the intersection of Falconbridge Dr and Springwell Road, there is our trunk waterline feed from the Lake Huron Water Supply system. It has a control panel and valve/meter chamber to avoid. The picture below is that panel.



7. As well at this intersection, the configuration of the intersection is currently being considered for a possible realignment. The main flow of traffic from Springwell to Falconbridge heading toward Mount Brydges has been identified as a possible improvement need. The gas pipeline works may need to consider future realignment of the road works.



8. Your pipeline location proposal shows the alignment turning onto Amiens Road at Avro Drive. Amiens Road is a boundary road with Middlesex Centre. The maintenance and control of this section of Amiens Road is under their jurisdiction and control.
9. The gas line route on Amiens Road will cross the CN Tracks. This road crossing is grade separated with an old, narrow low height bridge. It is anticipated that your new pipe crossing would best be placed under the tracks well offset the road allowance to be clear of any future bridge abutment construction that may be planned in the future. Being a low height bridge (3.7 m), it may also pose a construction barrier to equipment crossing to both sides of the tracks. There is a significant history of collisions with this structure.

10. Regarding the north south leg of piping to connect to Strathroy, the alignment on Sutherland Road may be more viable. It is a low volume rural gravel road. We would support options to use this corridor to avoid the higher traffic County Road.
11. Similarly, the proposed alternative alignment on Christina Road may be more viable due to the lower traffic volumes and existing corridor uses. Christina Road is a tar & chip road. Although there is no current plan for its widening and upgrading to asphalt, it is a definite candidate for these types of improvements.
12. We would like to make Enbridge aware as well that McEvoy Road from Adelaide Road to Hickory Drive (full length) we be under construction from the fall of 2020 through to the end of 2021 with a widening and resurfacing project. The works will also include Inadale Drive from McEvoy to Adelaide Road. If there is a desire to use this alignment for the north south pipe line to connect Strathroy, please advise ASAP and we can link you to our project design team.
13. From the business service connections perspective, there are numerous long existing agriculture sites that could be serviced within the lands between Mount Brydges and Strathroy. We would be interested in seeing your proposed business case of which properties may be possible to connect. One recent new development that Enbridge may not be aware of is the WeedMD plant on Inadale Drive near Adelaide Road. It may have significant service demands for natural gas.

Lastly, copied to this email are our team contacts noted previous.

- Jake Straus, Manager of Public Works (Roads)
- Jennifer Huff, Manager of Planning
- Demetri Makrakos, Economic Development Officer

We look forward to working with you.

Regards

George Elliott, P.Eng.

Director of Engineering & Public Works

Phone: 519-245-1105 ext. 270



Municipality of Strathroy-Caradoc

52 Frank Street | Strathroy, ON | N7G 2R4

Visit us online at www.strathroy-caradoc.ca

From: Lauren Whitwham <Lauren.Whitwham@enbridge.com>

Sent: April 20, 2020 11:26 AM

To: Fred Tranquilli <ftranquilli@strathroy-caradoc.ca>; George Elliott <gelliott@strathroy-caradoc.ca>; Demetri Makrakos <dmakrakos@strathroy-caradoc.ca>; Jake Straus <jstrauss@strathroy-caradoc.ca>

Cc: Brian Lennie <Brian.Lennie@enbridge.com>; Kelsey Mills <Kelsey.Mills@enbridge.com>; londonlines@stantec.com

Subject: London Lines : Follow up to our call

Greetings,

Thank you for taking the time to meet with us to discuss the early stages of the London Lines Replacement project. We look forward to working with your Municipality on this project.

In follow up to the call, I would like to provide you with some information.

- A notice and map that you can use on your municipal website is attached.
- The Project team contact information is below. Please feel free to reach out to them if you have any questions or concerns.
- Also below is the information for you for residents that would like to reach out to Enbridge about connecting to natural gas along the route.

London Lines Replacement Project team:

Allison Chong	Project lead	allison.chong@enbridge.com
Kelsey Mills	Environment	kelsey.mills@enbridge.com
Addie White	Permitting and Lands	addie.white@enbridge.com
Alicja Pagaduan	Permitting	alicja.pagaduan@enbridge.com

General Southwest contacts:

James Whittaker	Regional Manager, Construction	James.whittaker@enbridge.com
Nick Jones	Supervisor, Construction	nick.jones@enbridge.com
Brian Lennie	Senior Advisor, Municipal Affairs	brian.lennie@enbridge.com
Lauren Whitwham	Analyst, Municipal Affairs	lauren.whitwham@enbridge.com

Environmental Assessment:

If there are any questions or concerns regarding the environmental assessment or proposed routes please contact:

Phone: (519) 780-8186

Email: Londonlines@Stantec.com

Connecting to Gas/New Customer:

If any residents would like to inquire about connecting to Natural Gas please contact us at:

<https://www.uniongas.com/switchtogas/>

Phone: 1-866-772-1045

Please feel free to reach out to any of us with questions, concerns or issues you might have.

Again, thank you for your time. Take care.

Lauren

Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | lauren.whitwham@enbridge.com

109 Commissioners Road West, London, ON N6A4P1

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From: [Lauren Whitwham](#)
To: [Jill Bellchamber-glazier](#); gstorms@southwestmiddlesex.ca
Cc: [Kelsey Mills](#); [LondonLines](#); [Brian Lennie](#)
Subject: London Lines : Follow up to our call today
Date: Thursday, April 16, 2020 4:25:23 PM
Attachments: [NOC_51170_20200408_newspaper.pdf](#)
[London Lines Proposed route Southwest Middlesex 20200408.pdf](#)

Greetings Jill and Greg,

Thank you for taking the time to meet with us today to discuss the early stages of the London Lines Replacement project. We look forward to working with your Municipality on this project.

In follow up to the call, I would like to provide you with some information.

- The notice that you can use on your township website is attached.
- The Project team contact information is below. Please feel free to reach out to them if you have any questions or concerns.
- Also below is the information for you for residents that would like to reach out to Enbridge about connecting to natural gas along the route.

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Please feel free to reach out to any of us with questions, concerns or issues you might have.

Again, thank you for your time. Take care.

Lauren

Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | lauren.whitwham@enbridge.com

109 Commissioners Road West, London, ON N6A4P1

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From: [Lauren Whitwham](#)
To: ron.vanhorne@county-lambton.on.ca; jason.cole@county-lambton.on.ca; [Matt Deline](#)
Cc: [Brian Lennie](#); [Kelsey Mills](#); [LondonLines](#)
Subject: London Lines : Follow up to our call
Date: Monday, April 20, 2020 11:37:09 AM
Attachments: [NOC_51170_20200408_newspaper.pdf](#)
[London Lines Proposed route Dawn Euphemia 20200408.pdf](#)

Greetings,

Good morning,

Thank you for taking the time to meet with us to discuss the early stages of the London Lines Replacement project. We look forward to working with your County on this project.

In follow up to the call, I would like to provide you with some information.

- A notice and map that you can use on your County website is attached.
- The Project team contact information is below. Please feel free to reach out to them if you have any questions or concerns.
- Also below is the information for you for residents that would like to reach out to Enbridge about connecting to natural gas along the route.

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Please feel free to reach out to any of us with questions, concerns or issues you might have.

Again, thank you for your time. Take care.

Lauren

Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | lauren.whitwham@enbridge.com

109 Commissioners Road West, London, ON N6A4P1

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From: [Michael Di Lullo](#)
To: [Lauren Whitwham](#); [Robert Cascaden](#); [Lee Smith](#)
Cc: [Brian Lennie](#); [Kelsey Mills](#); [LondonLines](#)
Subject: RE: London Lines : Follow up to our call
Date: Monday, April 20, 2020 1:25:34 PM
Attachments:

Hi Lauren

Thanks for sharing, we have informed our Council about this project and will post information to share the notice / open houses that will be taking place as well.

As discussed during the presentation last week, when the time is right to attend council – please contact Ann Wright, Municipal Clerk at wright@middlesexcentre.on.ca to confirm arrangements.

Thanks
 Michael



Michael Di Lullo, MPA, CMM III

Chief Administrative Officer

[Middlesex Centre](#) | dilullo@middlesexcentre.on.ca

10227 Ilderton Road, RR#2 | Ilderton, ON N0M 2A0

Tel: 519.666.0190 Ext. 226 | Fax: 519.666.0271

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Thank you for your co-operation and assistance

From: Lauren Whitwham [mailto:Lauren.Whitwham@enbridge.com]

Sent: April 20, 2020 11:25 AM

To: Michael Di Lullo <dilullo@middlesexcentre.on.ca>; Robert Cascaden <cascaden@middlesexcentre.on.ca>; Lee Smith <smith@middlesexcentre.on.ca>

Cc: Brian Lennie <Brian.Lennie@enbridge.com>; Kelsey Mills <Kelsey.Mills@enbridge.com>; londonlines@stantec.com

Subject: RE: London Lines : Follow up to our call

CAUTION: This email originated from outside of the Middlesex Centre email system. Please use caution when clicking links or opening attachments unless you recognize the sender and know the content is safe.

My apologies. I attached the deck. Here is the map.

From: Lauren Whitwham

Sent: Monday, April 20, 2020 11:18 AM

To: Michael Di Lullo <dilullo@middlesexcentre.on.ca>; Robert Cascaden

<cascaden@middlesexcentre.on.ca>; Lee Smith <smith@middlesexcentre.on.ca>

Cc: Brian Lennie <Brian.Lennie@enbridge.com>; Kelsey Mills <Kelsey.Mills@enbridge.com>; londonlines@stantec.com

Subject: London Lines : Follow up to our call

Greetings,

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In follow up to the call, I would like to provide you with some information.

- A notice and map that you can use on your municipal website is attached.
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Phone: 1-866-772-1045

Please feel free to reach out to any of us with questions, concerns or issues you might have.

Again, thank you for your time. Take care.

Lauren

Lauren Whitwham

Analyst, Indigenous, Municipal Affairs & Stakeholder Relation

—

ENBRIDGE GAS INC.

TEL: 519-667-4100 x 5153545 | CELL: 519-852-3474 | lauren.whitwham@enbridge.com

109 Commissioners Road West, London, ON N6A4P1

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From: [Hartwig, Emily](#)
To: [Ben Puzanov](#)
Cc: [Lauren.Whitwham@enbridge.com](#); [Georgopoulos, Rooly](#); [Kelsey.Mills@enbridge.com](#); [LondonLines](#); [Laurie Webb](#); [Andrew Meyer](#); ["Donna Clermont"](#); [Ezio Nadalin](#); [Matt Deline](#); [Jason Cole](#); [Corrine Nauta](#); [Terrie Dewsbury](#)
Subject: RE: [EXTERNAL] Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)
Date: Wednesday, April 22, 2020 1:37:18 PM
Attachments:

Good afternoon Mr. Puzanov,

Thank-you for providing the information noted below.

Should we have any questions, I will reach out to Laurie Webb.

Regards,

Emily Hartwig B.Sc., EP.
 Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186
 Mobile: 226 979-4457
Emily.Hartwig@stantec.com

Stantec
 1-70 Southgate Drive
 Guelph ON N1G 4P5



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From: Ben Puzanov <Ben.Puzanov@county-lambton.on.ca>

Sent: Tuesday, April 21, 2020 2:42 PM

To: Hartwig, Emily <Emily.Hartwig@stantec.com>

Cc: Lauren.Whitwham@enbridge.com; Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>; Kelsey.Mills@enbridge.com; LondonLines@stantec.com; [Laurie Webb](mailto:Laurie.Webb@county-lambton.on.ca) <Laurie.Webb@county-lambton.on.ca>; [Andrew Meyer](mailto:Andrew.Meyer@county-lambton.on.ca) <Andrew.Meyer@county-lambton.on.ca>; 'Donna Clermont' <Clerk@dawneuphemia.on.ca>; [Ezio Nadalin](mailto:Ezio.Nadalin@county-lambton.on.ca) <Ezio.Nadalin@county-lambton.on.ca>; [Matt Deline](mailto:Matt.Deline@county-lambton.on.ca) <Matt.Deline@county-lambton.on.ca>; [Jason Cole](mailto:Jason.Cole@county-lambton.on.ca) <Jason.Cole@county-lambton.on.ca>; [Corrine Nauta](mailto:Corrine.Nauta@county-lambton.on.ca) <Corrine.Nauta@county-lambton.on.ca>; [Terrie Dewsbury](mailto:Terrie.Dewsbury@county-lambton.on.ca) <Terrie.Dewsbury@county-lambton.on.ca>

Subject: FW: [EXTERNAL] Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

Ms. Hartwig,

Further to your request of April 8th and my subsequent voice message to you, please see below. Should you have any questions or require additional information, please contact Laurie Webb, Manager of Museums, Gallery & Archives (cc'd on this email).

Thank you,

Ben Puzanov, MPL, MPA, MCIP, RPP
 Manager of Planning and Development Services
 County of Lambton
 (519) 845-0809 x5342
ben.puzanov@county-lambton.on.ca

From: Andrew Meyer

Sent: April 21, 2020 2:29 PM

To: Ben Puzanov; Laurie Webb

Subject: FW: [EXTERNAL] Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

Ben,

Further to your email last week, Laurie did some excellent research on the path of the LLRP project. Please see below. Please let us know if you have any questions.

Best regards,

Andrew Meyer
 General Manager, Cultural Services Division
 The Corporation of the County of Lambton
 789 Broadway Street, Box 3000
 Wyoming, ON N0N 1T0
 Tel: 519.845.0809 x5236
 Fax: 519.845.0818
 Email: andrew.meyer@county-lambton.on.ca



From: Laurie Webb
Sent: April 21, 2020 2:01 PM
To: Andrew Meyer
Subject: RE: [EXTERNAL] Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

Hey Andrew,

Sorry for the delay in sending this, but I did a bit of research and found the following they may want to be aware of:

1. According to the book "Euphemia Township History, 1849 - 1999", published in 1999, and the Belden's Atlas of 1878 there was once a church located at the SE corner of Mossie Line & Dobbryn Road (Con. 5, Lot 30 Euphemia).

<http://digital.library.mcgill.ca/CountyAtlas/Images/Maps/TownshipMaps/lam-m-euphemia.jpg>



- a. Euphemia Township History (p.6) states that "black settlers" lived on the north side of the Sydenham River and had a small church at this location. It also mentions that "grave stones . . . still survive" (presumably in 1999) which indicates that there was a cemetery there at some point. This is the only mention I could find of a cemetery at this location in the materials I have access to. I could check the land records at LCA and delve deeper into this if it is warranted. There is no record on the County GIS of a cemetery there, and from Google street view it seems to be a plowed field now.
2. The Euphemia Township book discusses Indigenous (p.3) use of the area in the Archaic and late Woodland periods and specifically mentions camps along the flood plains of the Sydenham River, particularly between Alvinston and Florence. There is a photo in the book of an archaeological dig near Shetland, further south than the area under study now, but there could have been digs closer (I have no access to information to tell me where digs have been completed). They also indicate that the area shows evidence of shared territory between the Iroquoian and Western Basin communities, which could be of significance if any materials were found. I could ask Nicole to check to see if there are known sites, I believe she has access to the Provincial databases.
 3. Just south of the SE corner of Bentpath Line & Oakdale Road the book "Oakdale 100 Years of Heritage 1879-1979" shows a map on p.86 with an oil pump house just south of where the general store once stood (Con 13, Lot 25 Dawn). I am not certain if anything survives from the oil extraction that took place briefly in the area, but if it does it could be important to the overall oil story of the County.

I've attached scans of the relevant maps and documentation from the books. If you feel there is reason for me to dig into anything further, please let me know.

Thanks,
 Laurie

From: Andrew Meyer
Sent: April-10-20 11:54 AM
To: Laurie Webb
Subject: Fwd: [EXTERNAL] Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

Laurie,

Please see below - I am not aware of anything of historical significance in the path of the LLRP. We can review and respond next week.

Take care.

Andrew Meyer
 General Manager, Cultural Services Division

The Corporation of the County of Lambton
 789 Broadway Street, Box 3000
 Wyoming, ON N0N 1T0
 Tel: 519.845.0809 x5236
 Fax: 519.845.0818
 Email: andrew.meyer@county-lambton.on.ca



Begin forwarded message:

From: Ben Puzanov <Ben.Puzanov@county-lambton.on.ca>
Date: April 9, 2020 at 3:50:00 PM EDT
To: Andrew Meyer <Andrew.Meyer@county-lambton.on.ca>
Subject: FW: [EXTERNAL] Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

Andrew,

I hope all is well. I am compiling information for Stantec stemming from its request on behalf of Enbridge Gas. I've contacted Dawn-Euphemia regarding any heritage properties that may be located within the study area and also wanted to reach out to you to check if there are any cultural heritage resources here that Stantec should be made aware of.

Please call or e-mail if you'd like to discuss.

Thanks,

Ben Puzanov, MPL, MPA, MCIP, RPP
 Manager of Planning and Development Services
 County of Lambton
 (519) 845-0809 x5342
ben.puzanov@county-lambton.on.ca

From: Hartwig, Emily [<mailto:Emily.Hartwig@stantec.com>]
Sent: April 8, 2020 7:18 PM
To: Planning.Public
Cc: Lauren.Whitwham@enbridge.com; Georgopoulos, Rooley; Kelsey.Mills@enbridge.com; LondonLines
Subject: [EXTERNAL] Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

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Sent on behalf of Rooley Georgopoulos (Stantec Consulting Ltd.)

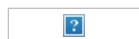
Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

Emily Hartwig B.Sc., EP.
 Environmental Consultant, Assessment and Permitting
 Direct: 519 780-8186
 Mobile: 226 979-4457
Emily.Hartwig@stantec.com

Stantec
 1-70 Southgate Drive
 Guelph ON N1G 4P5



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519-845-0801 extension 5405 or email itsupport@county-lambton.on.ca.

From: [Rodek, Amanda \(MTO\)](#)
To: [Hartwig, Emily](#)
Subject: RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)
Date: Friday, April 24, 2020 10:53:21 AM
Attachments: [\(April 23, 2020\) MTO Comments - Enbridge London Line Replacement.pdf](#)

Hi Emily,

I hope you are doing well.

Stantec's, April 8, 2020 email to Tony Di Fabio regarding the Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP), has been forwarded to my attention for review and response.

Please see attached comments from the Ministry of Transportation for your consideration regarding the proposed pipeline.

The comments were provided by Michael Kilgore, Highway Corridor Management Officer in our West Region office. Michael is requesting you contact him directly at Michael.Kilgore@ontario.ca to set up a teleconference to discuss this project further.

Have a great day!

Thanks.

Amanda Rodek
 Program Analyst
 Ministry of Transportation
 Highway Standards Branch
 Corridor Management and Property Office
 301 St. Paul Street
 St. Catharines, ON L2R 7R4
 Tel. (905) 704-2916

From: Hartwig, Emily <Emily.Hartwig@stantec.com>
Sent: April-08-20 7:58 PM
To: Di Fabio, Tony (MTO) <Tony.DiFabio@ontario.ca>
Cc: Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>; Kelsey.Mills@enbridge.com; LondonLines <LondonLines@stantec.com>
Subject: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Sent on behalf of Rooly Georgopoulos (Stantec Consulting Ltd.)

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

Stantec

1-70 Southgate Drive

Guelph ON N1G 4P5



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Ministry of Transportation

Operations Office
Corridor Management Section
West Region

659 Exeter Road
London, Ontario N6E 1L3
Telephone: (226) 973-7021
Facsimile: (519) 873-4228

Ministère des Transports

Bureau du génie
Section de gestion des couloirs routiers
Région de l'Ouest

659, chemin Exeter
London (Ontario) N6E 1L3
Téléphone: (226) 973-7021
Télécopieur: (519) 873-4228



April 23, 2020

Stantec Consulting Ltd.
300W-675 Cochrane Drive
Markham, ON L3R 0B8

Attn: Rooly Georgopoulos, Senior Project Manager

RE: MTO Comments – Class EA for the Planned Enbridge London Line Replacement Project

The Ministry of Transportation (MTO) has completed a review of the proposed work noted in the Class EA distribution. The proposal has been considered in accordance with the requirements of the *Public Transportation and Highway Improvement Act* (PTHIA), MTO's Highway Access Management Manual (HAMM) and all related policies. The following outlines our comments:

The proposed Enbridge London Line corridor crosses Highway 402 and is within MTO's ownership. As identified in the PTHIA portions of this work fall within the MTO's Permit Control Area (PCA). MTO permits are required before any demolition, grading, construction or alteration to the site commences.

MTO's main concerns with the proposed work are the potential impacts to the travelling public and future conflicts with highway improvement projects. To ensure MTO's concerns are addressed, Enbridge will be required to meet the following conditions:

- MTO permits will be required for any work within 45m of any limit of a provincial highway right-of-way or within 395m of the centre point of an intersection on a highway.
- Crossing or parallel installations on a highway should be avoided if possible.
- If crossings are unavoidable, they will need to be installed through trenchless methods. Highway crossings may be required to be fully encased within the highway right-of-way and installed at a minimum depth of 5m below the bottom of ditch.
- Details of the highway crossings must be submitted for our review and approval prior to the proposed pipeline's construction. This should include, but not be limited to, Geotechnical Investigation reports, plans and cross sections indicating the location, depth, and method of crossing for the pipe, etc.

Additionally, as part of the permit application, MTO will require the following information;

- Detailed site drawings, including offset dimensions from proposed sending and receiving pits to MTO property limits and vertical profile information (cross section) at crossings locations.
- Method proposed to complete trenchless installation of new pipeline, as well as safety measures to be utilized, and the duration of work.
- Proposed construction access locations/routes for work area. Direct highway access will not be permitted, alternative access shall be secured.

To avoid delays to the Enbridge proposed work, a meeting held early in the design process is recommended to ensure MTO concerns can be addressed. Please contact the undersigned to schedule a meeting between MTO and Enbridge staff to discuss this proposal further.

Yours truly,

A handwritten signature in black ink, appearing to read "Michael Kilgore", written in a cursive style.

Michael Kilgore
Corridor Management Officer
Corridor Management Office, West Region
Cell: 226-973-7021
E-mail: Michael.Kilgore@ontario.ca

From: allison.chong@enbridge.com on behalf of [Alicja Pagaduan](#)
To: [LondonLines](#)
Subject: FW: Enbridge London Lines Project - Hwy 402 Crossing
Start: Thursday, June 25, 2020 1:00:00 PM
End: Thursday, June 25, 2020 2:00:00 PM
Location: Skype Meeting

For LTC Consultation Log Purposes.

-----Original Appointment-----

From: Alicja Pagaduan <Alicja.Pagaduan@enbridge.com>
 Sent: Thursday, June 4, 2020 7:28 AM
 To: Alicja Pagaduan; Allison Chong; Azhar Ahmed; Addie White; Kilgore, Michael (MTO)
 Cc: Kelsey Mills
 Subject: Enbridge London Lines Project - Hwy 402 Crossing
 When: Thursday, June 25, 2020 1:00 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).
 Where: Skype Meeting

Hello,

I have booked the time a lot as discussed. Michael I understand you will call into the number below. We will send you any files we'll be discussing in advance so you can follow along.

Please include anyone else from the MTO that you feel should attend.

I will include an agenda prior to the meeting.

Thanks again.

Join Skype Meeting <<https://meet.uniongas.com/apagaduan/0YQ4EDBE>>

Trouble Joining? Try Skype Web App <<https://meet.uniongas.com/apagaduan/0YQ4EDBE?sl=1>>

Join by phone

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+1-226-312-2069 Chatham, ON,,582672# (All - Enbridge (condensed))	English (United States)
+1-587-773-1984 Edmonton, AB,,582672# (All - Enbridge (condensed))	English (United States)
+1-647-317-0410 Toronto, ON (GTA),,582672# (All - Enbridge (condensed))	English (United States)
+1-713-904-7540 Houston, TX,,582672# (All - Enbridge (condensed))	English (United States)
+1-715-718-3265 Superior, WI,,582672# (All - Enbridge (condensed))	English (United States)
+1-855-342-0119 Toll Free North America,,582672# (All - Enbridge (condensed))	English (United States)
*CONF (*2663) - Enbridge Cisco Phone,,582672# (All - Enbridge (condensed))	English (United States)

Find a local number <<https://dialin.enbridge.com?id=582672>>

Conference ID: 582672

Forgot your dial-in PIN? <<https://dialin.enbridge.com>> |Help <<https://o15.officeredir.microsoft.com/r/rldLync15?clid=1033&p1=5&p2=2009>>

From: [Georgopoulos, Rooly](#)
To: [LondonLines](#)
Cc: [Kelsey Mills](#)
Subject: FW: Leave to Construct Application - London Lines Replacement
Date: Friday, April 24, 2020 12:44:13 PM
Attachments: [2020-04-24_EnbridgeLondonLinesReplacement_MHSTCI-Ltr.pdf](#)

From: Harvey, Joseph (MHSTCI) <Joseph.Harvey@ontario.ca>
Sent: Friday, April 24, 2020 12:15 PM
To: Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>
Cc: Kelsey.Mills@enbridge.com; Kirzati, Katherine (MHSTCI) <Katherine.Kirzati@ontario.ca>; Barboza, Karla (MHSTCI) <Karla.Barboza@ontario.ca>; zora.crnojacki@oeb.ca
Subject: Leave to Construct Application - London Lines Replacement

Rooly Georgopoulos,

Please find attached, our initial comments on the above referenced application.
Contact the undersigned with any further questions or concerns.

Joseph Harvey
On behalf of

Katherine Kirzati
Heritage Planner
Heritage Planning Unit
Katherine.Kirzati@Ontario.ca

From: [Hartwig, Emily](#)
To: [Joseph.Harvey@ontario.ca](#)
Cc: [Kirzati, Katherine \(MTCS\)](#); [Karla.barboza@ontario.ca](#); [Georgopoulos, Rooly](#); [Kelsey Mills](#); [Allison Chong](#)
Bcc: [londonlines@stantec.com](#)
Subject: FW: Leave to Construct Application - London Lines Replacement
Date: Monday, July 13, 2020 1:17:00 PM

Sent on behalf of Rooly Georgopoulos (Stantec Consulting Ltd.)

Good afternoon Joseph,

Thank-you for your letter and comments regarding the London Lines Replacement Project. Enbridge is committed to continuous consultation and receiving all applicable permits and approvals prior to construction.

As part of the Environmental Report a Stage 1 Archaeological assessment was completed outlining areas of potential for further study and is appended to the ER. A cultural heritage checklist was also completed and findings were included in the Environmental Report. A Cultural Heritage Evaluation Report will be completed prior to construction. All reports and findings will be submitted to the MHSTCI for review.

As part of the Ontario Pipeline Coordinating Committee, the Environmental Report will be circulated to the MHSTCI for review for 42 days prior to applying to the OEB for Leave to Construct.

If you have any further comments please don't hesitate to reach out.

Best,

Emily Hartwig B.Sc., EP.
 Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

Stantec
 1-70 Southgate Drive
 Guelph ON N1G 4P5



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From: Harvey, Joseph (MHSTCI) <Joseph.Harvey@ontario.ca>

Sent: Friday, April 24, 2020 12:15 PM

To: Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>

Cc: Kelsey.Mills@enbridge.com; Kirzati, Katherine (MHSTCI) <Katherine.Kirzati@ontario.ca>;

Barboza, Karla (MHSTCI) <Karla.Barboza@ontario.ca>; zora.crnojacki@oeb.ca

Subject: Leave to Construct Application - London Lines Replacement

Rooly Georgopoulos,

Please find attached, our initial comments on the above referenced application.
Contact the undersigned with any further questions or concerns.

Joseph Harvey

On behalf of

Katherine Kirzati

Heritage Planner

Heritage Planning Unit

Katherine.Kirzati@Ontario.ca

From: [Kourosh Manouchehri](#)
To: Kelsey.Mills@enbridge.com
Cc: [Georgopoulos, Rooly](#); [LondonLines](#); [Hartwig, Emily](#)
Subject: RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)
Date: Monday, April 27, 2020 8:34:12 AM
Attachments:

Hi Kelsey,

Thank you for the provided information about this project. An application needs to be filled and submitted for the review of this project by TSSA as part of Ontario Pipeline Coordinating Committee. Please fill [Application for Review of Pipeline Project](#) and send it to the email address provided on the form.

If you have any question, please contact me.

Regards,



Kourosh Manouchehri, P.Eng., PMP | Engineer

Fuels Safety

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-3539 | Fax: +1-416-231-7525 | E-Mail: kmanouchehri@tssa.org

www.tssa.org



From: Hartwig, Emily <Emily.Hartwig@stantec.com>

Sent: April 8, 2020 19:58

To: Kourosh Manouchehri <KManouchehri@tssa.org>

Cc: Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>; Kelsey.Mills@enbridge.com; LondonLines <LondonLines@stantec.com>

Subject: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Sent on behalf of Rooly Georgopoulos (Stantec Consulting Ltd.)

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

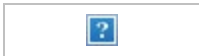
Mobile: 226 979-4457

Emily.Hartwig@stantec.com

Stantec

1-70 Southgate Drive

Guelph ON N1G 4P5



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From: [EnviroOnt](#)
To: [Hartwig, Emily](#)
Subject: RE: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)
Date: Thursday, April 30, 2020 12:01:00 PM

Hello,

Thank you for your correspondence. Please note Transport Canada **does not** require receipt of all individual or Class EA related notifications. We are requesting project proponents to self-assess if their project:

1. Will interact with a federal property and/or waterway by reviewing the Directory of Federal Real Property, available at www.tbs-sct.gc.ca/dfrp-rbif/; **and**
2. Will require approval and/or authorization under any Acts administered by Transport Canada* available at <http://www.tc.gc.ca/eng/acts-regulations/menu.htm>.

Projects that will occur on federal property prior to exercising a power, performing a function or duty in relation to that project, will be subject to a determination of the likelihood of significant adverse environmental effects, per Section 82 of the *Impact Assessment Act, 2019*.

If the aforementioned does not apply, the Environmental Assessment program should not be included in any further correspondence and future notifications will not receive a response. If there is a role under the program, correspondence should be forwarded *electronically* to: EnviroOnt@tc.gc.ca with a **brief description of Transport Canada's expected role**.

*Below is a summary of the most common Acts that have applied to projects in an Environmental Assessment context:

- **Canadian Navigable Waters Act (CNWA)** – the Act applies primarily to works constructed or placed in, on, over, under, through, or across navigable waters set out under the Act. The Navigation Protection Program administers the CNWA through the review and authorization of works affecting navigable waters. Information about the Program, CNWA and approval process is available at: <http://www.tc.gc.ca/eng/programs-621.html>. Enquiries can be directed to NPPONT-PPNONT@tc.gc.ca or by calling (519) 383-1863.
- **Railway Safety Act (RSA)** – the Act provides the regulatory framework for railway safety, security, and some of the environmental impacts of railway operations in Canada. The Rail Safety Program develops and enforces regulations, rules, standards and procedures governing safe railway operations. Additional information about the Program is available at: <https://www.tc.gc.ca/eng/railsafety/menu.htm>. Enquiries can be directed to RailSafety@tc.gc.ca or by calling (613) 998-2985.
- **Transportation of Dangerous Goods Act (TDGA)** – the transportation of dangerous goods by air, marine, rail and road is regulated under the TDGA. Transport Canada, based on risks, develops safety standards and regulations, provides oversight and gives expert advice on

dangerous goods to promote public safety. Additional information about the transportation of dangerous goods is available at: <https://www.tc.gc.ca/eng/tdg/safety-menu.htm>. Enquiries can be directed to TDG-TMDOntario@tc.gc.ca or by calling (416) 973-1868.

- **Aeronautics Act** – Transport Canada has sole jurisdiction over aeronautics, which includes aerodromes and all related buildings or services used for aviation purposes. Aviation safety in Canada is regulated under this Act and the Canadian Aviation Regulations (CARs). Elevated Structures, such as wind turbines and communication towers, would be examples of projects that must be assessed for lighting and marking requirements in accordance with the CARs. Transport Canada also has an interest in projects that have the potential to cause interference between wildlife and aviation activities. One example would be waste facilities, which may attract birds into commercial and recreational flight paths. The *Land Use In The Vicinity of Aerodromes* publication recommends guidelines for and uses in the vicinity of aerodromes, available at: <https://www.tc.gc.ca/eng/civilaviation/publications/tp1247-menu-1418.htm>. Enquires can be directed to at tc.aviationservicesont-servicesaviationont.tc@tc.gc.ca or by calling 1 (800) 305-2059 / (416) 952-0230.

Please advise if additional information is needed.

Thank you,

Environmental Assessment Program, Ontario Region

Transport Canada / Government of Canada / 4900 Yonge St., Toronto, ON M2N 6A5
EnviroOnt@tc.gc.ca / Facsimile : (416) 952-0514 / TTY: 1-888-675-6863

Programme d'évaluation environnementale, Région de l'Ontario

Transports Canada / Gouvernement du Canada / 4900, rue Yonge, Toronto, ON, M2N 6A5
EnviroOnt@tc.gc.ca / télécopieur: (416) 952-0514

From: Hartwig, Emily [<mailto:Emily.Hartwig@stantec.com>]

Sent: Wednesday, April 08, 2020 7:57 PM

To: EnviroOnt <EnviroOnt@tc.gc.ca>

Cc: Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>; Kelsey.Mills@enbridge.com; LondonLines <LondonLines@stantec.com>

Subject: Enbridge Gas Inc.: Notice of Commencement and Virtual Open House - London Lines Replacement Project (LLRP)

Sent on behalf of Rooly Georgopoulos (Stantec Consulting Ltd.)

Good evening,

Please find attached a Notice of Commencement and Virtual Open House regarding the Enbridge Gas Inc. ("Enbridge") London Lines Replacement Project (LLRP).

Regards,

Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

Stantec

1-70 Southgate Drive

Guelph ON N1G 4P5



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From: [Georgopoulos, Rooly](#)
To: [Karen Winfield](#); [LondonLines](#)
Cc: [Valerie Towsley](#); mdeisley@scrca.on.ca
Subject: RE: Enbridge Gas - London Lines Replacement Project
Date: Monday, May 4, 2020 9:01:17 AM

[Thanks Karen](#)

From: Karen Winfield <WinfieldK@thamesriver.on.ca>
Sent: Friday, May 1, 2020 4:13 PM
To: LondonLines <LondonLines@stantec.com>; Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>
Cc: Valerie Towsley <valerie.towsley@ltvca.ca>; mdeisley@scrca.on.ca
Subject: Enbridge Gas - London Lines Replacement Project

Hi Rooly,

Please see attached UTRCA Comments regarding the Enbridge Gas - London Lines Replacement Project in the Municipalities of Middlesex Centre, Strathroy-Caradoc and Dawn-Euphemia.

Thank-you,

Karen Winfield

Land Use Regulations Officer
1424 Clarke Road London, Ontario, N5V 5B9
519.451.2800 Ext. 237 | Fax: 519.451.1188
winfieldk@thamesriver.on.ca





"Inspiring a Healthy Environment"



May 1, 2020

Stantec Consulting Limited
300-675 Cochrane Drive, West Tower
Markham, Ontario
L3R 0B8

Attention: **Rooly Georgopoulos** – (via e-mail: Rooly.Georgopolous@stantec.com)

Dear Mr. Georgopoulos:

Re: **Enbridge Gas – London Lines Replacement Project**
 Notice of Project Commencement and Virtual Open House
 Municipality of Strathroy-Caradoc, Township of Dawn-Euphemia,
 Municipality of Middlesex Centre

Upper Thames River Conservation Authority (UTRCA) staff have reviewed the Virtual Open House Slides and are in receipt of the associated letter (dated April 8, 2020) from Stantec to the UTRCA regarding the Enbridge Gas – London Lines Replacement Project, Notice of Project Commencement and Virtual Open House. We are of the understanding the environmental study area for this pipeline project includes portions of the Municipality of Strathroy-Caradoc, the Township of Dawn-Euphemia and the Municipality of Middlesex Centre. We offer the following comments under Ontario Regulation 157/06 and our responsibilities as a commenting agency providing technical review and advisement related to natural heritage, water resources and natural hazard management pursuant to relevant legislation and policies set out in the UTRCA Planning Policy Manual (June 28, 2006):

General Comments

- 1) We would appreciate the opportunity for our technical staff to review and provide comments on any upcoming draft documents and proposed alternatives. Please note that our scope of review is based on the policies set out in the Upper Thames River Conservation Authority Planning Policy Manual (June 28, 2006). Environmental study/assessment (ES/EA) and any subsequent detail design project review for the Enbridge Gas – London Lines Replacement Project would generally be guided by, but not limited to, natural heritage, natural hazard and pollution prevention areas of concern for lands regulated within our jurisdiction.

UTRCA Regulated Areas

- 2) According to the enclosed project location mapping, portions of the study area occur within natural hazard and natural heritage areas regulated by the Conservation Authority. The UTRCA regulates

development within the Regulation Limit in accordance with Ontario Regulation 157/06 made pursuant to Section 28 of the *Conservation Authorities Act*. This regulation requires proponents to obtain written approval from the UTRCA prior to undertaking any works in the regulated area including filling, grading, construction, alteration to a watercourse and/or interference with a wetland.

- 3) A sizeable portion of the study area falls outside the boundaries of our watershed and under the jurisdiction of the St. Clair Region Conservation Authority (SCRCA) and/or the Lower Thames Valley Conservation Authority (LTVCA). We recommend you contact SCRCA & LTVCA directly regarding those portions of the project, if you haven't done so already.
- 4) With the scale of project mapping currently provided it is challenging to confirm the location of the existing and/or proposed pipeline routes through our watershed. Without knowing where approximately within a lot/concession the routes are proposed we are unable to feasibly comment on the alternatives proposed. Would it be possible for your office to provide a more detailed map of the existing and currently proposed pipeline routes and at a more definable scale?

Digital Mapping

- 5) Our staff can provide digital mapping which outlines the boundaries of the natural heritage and natural hazard features present within the UTRCA watershed/study area as well as any lands owned by the UTRCA. Our natural heritage and natural hazard features digital mapping may be obtained by contacting our GIS department (contact: Phil Simm, 519-451-2800 x 247). Please note there may be a fee involved with obtaining digital mapping of our natural heritage and natural hazard features and this may also be discussed with our GIS department.

Terrestrial and Aquatic Ecology and Aquatic Species At Risk

- 6) Detailed fish/mussel and benthic sampling records may be available from our office for most watercourses within our watershed and the study area. Generally there is a fee involved with obtaining this information.
- 7) Our data indicates the potential presence of federally and/or provincially protected aquatic (fish/mussels) species at risk (SAR) within some of the watercourses through the study area.

Water Quality, Woodlands and Other Natural Heritage Features

- 8) Within the UTRCA watershed the study area lies within portions of the Komoka Creek and River Bend subwatersheds. Please refer to our latest (2017) edition of the Upper Thames River Watershed Report Cards for information related to water quality, woodlands and other natural heritage features in these subwatersheds, available on our website at:

<http://thamesriver.on.ca/watershed-health/watershed-report-cards/>

- 9) The study areas contain significant natural heritage features, identified in the 2014 Middlesex Natural Heritage Systems Study, such as wetlands and woodlands. Boundary verification and impacts to these features should be addressed as part of the site specific field work associated with proposed pipeline relocation alternatives.

Drinking Water Source Protection

- 10) This ES/EA is the best time to consider regulatory requirements of the Ontario *Clean Water Act* and local Source Protection Plans as well as designated vulnerable areas. The Environmental Study process offers an excellent opportunity to document how these factors have been considered in assessing pipeline route alternatives.
- 11) We note there are identified Highly Vulnerable Aquifers and Significant Groundwater Recharge Areas in the approved Assessment Report for the Upper Thames River Source Protection Area through the study area. These are areas where certain activities may be a threat to drinking water. Any proposed pipeline route alternatives should consider impact to these designated vulnerable areas and features. This should include an assessment of the activities/risks related to potential drinking water threats and how these risks may be mitigated. The Tables of Drinking Water Threats (Ontario Ministry of the Environment, 2009) identify the chemicals which may make these risks/activities a threat to drinking water.
- 12) You may wish to contact the UTRCA to request digital mapping of the vulnerable areas which can be utilized for the project study area.
- 13) If the proponents have questions on how source protection and the local plan may affect the proposed alternatives they may contact UTRCA Drinking Water Source Protection (DWSP) staff or the local municipal Risk Management Officials (RMO).

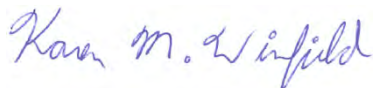
Summary

Please note that given the broad study area, scale and concept proposal at this time, we are unable to provide detailed technical comments regarding the project or any proposed alternatives. However, we appreciate being contacted early in the process and are always open to meeting with you to discuss and work through any concerns or complications along the way.

Our office would like to be included in future circulations regarding this project. We would appreciate receiving information and reports as they become available in order to ensure that we can meet the project deadlines with our comments.

If you have any questions regarding the above information, please contact the undersigned.

Yours truly,
UPPER THAMES RIVER CONSERVATION AUTHORITY



Karen M. Winfield
Land Use Regulations Officer

c.c. – Kelsey Mills, Enbridge Gas Inc. – (via e-mail: LondonLines@Stantec.com)
Melissa Diesley, SCRCA – (via e-mail: mdeisley@scrca.on.ca)
Valerie Towsley, LTVCA – (via e-mail: valerie.towsley@ltvca.ca)

From: [Rowland, Rob](#)
To: [Jason Homewood](#)
Cc: [Georgopoulos, Rooly](#); [Hartwig, Emily](#)
Subject: RE: Permitting Process for London Lines Consultation
Date: Tuesday, May 26, 2020 8:53:20 AM

Hi Jason:

Enbridge agrees we don't need a call given the few crossing in LTVCA. Once I have a definitive number and location of crossings I will submit with the information required similar to what we did for Windsor.

Thanks

RR

Rob Rowland M.Sc., P.Geo.

Associate, Environmental Services, Assessment and Permitting

Direct: 519 780-8105

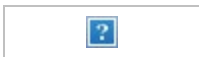
Mobile: 519 820-0748

Rob.Rowland@stantec.com

Stantec

1-70 Southgate Drive

Guelph ON N1G 4P5



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From: Jason Homewood <Jason.Homewood@ltvca.ca>

Sent: Monday, May 25, 2020 10:23 AM

To: Rowland, Rob <Rob.Rowland@stantec.com>

Cc: Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>; Hartwig, Emily <Emily.Hartwig@stantec.com>

Subject: RE: Permitting Process for London Lines Consultation

Hi Rob,

Based on the shapefile you provided on the 19th, it looks like you are only crossing three regulated watercourses in our jurisdiction. A permit would be required for each of those three. Each application would be \$125 (assuming they are just water crossings). I've attached the application form. Will need to know the locations of each crossing, method of crossing, depth of crossing, and sediment and erosion control plans. Typically we like to see replacement pipelines a minimum of 2.5 m below the existing bottom of the watercourse or below the design depth of the watercourse (if it's a municipal drain). Whatever is deepest.

I'm super busy with the day-to-day stuff but my calendar is wide open for scheduled things. Any day this week and next week works at this point if you want to have a call and talk about it. This looks like it will be an easy one. So glad most of it is in St. Clair's area.

Jason

From: Rowland, Rob <Rob.Rowland@stantec.com>
Sent: Friday, May 22, 2020 1:06 PM
To: Jason Homewood <Jason.Homewood@ltvca.ca>
Cc: Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>; Hartwig, Emily <Emily.Hartwig@stantec.com>
Subject: RE: Permitting Process for London Lines Consultation

Hi Jason:
Do you have some dates for a call sometime over the next couple of weeks?
Thanks and have a good weekend.
RR

Rob Rowland M.Sc., P.Geo.
Associate, Environmental Services, Assessment and Permitting

Direct: 519 780-8105
Mobile: 519 820-0748
Rob.Rowland@stantec.com

Stantec
1-70 Southgate Drive
Guelph ON N1G 4P5



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From: Jason Homewood <Jason.Homewood@ltvca.ca>
Sent: Tuesday, May 19, 2020 11:54 AM
To: Rowland, Rob <Rob.Rowland@stantec.com>
Cc: Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>; Hartwig, Emily <Emily.Hartwig@stantec.com>
Subject: RE: Permitting Process for London Lines Consultation

Hi Rob,

Are you able to send me a shapefile or KMZ file of where the project location will be? I don't know if I've heard of this one yet. I think our GIS guy was providing someone with regulated area mapping a while ago, might have been for this. Will it be mainline and service lines? New or replacements?

Thanks,

Jason Homewood, P.Geo.
Water Resources and Regulations Technician



Lower Thames Valley Conservation Authority
100 Thames Street
Chatham, Ontario, N7L 2Y8
519-354-7310 x225

jason.homewood@ltvca.ca
www.ltvca.ca

From: Jason Wintermute <Jason.Wintermute@ltvca.ca>
Sent: Tuesday, May 12, 2020 3:14 PM
To: Jason Homewood <Jason.Homewood@ltvca.ca>
Subject: Fw: Permitting Process for London Lines Consultation

From: Randall Van Wagner <Randall.VanWagner@ltvca.ca>
Sent: Tuesday, May 12, 2020 3:01 PM
To: Jason Wintermute <Jason.Wintermute@ltvca.ca>
Cc: Mark Peacock <Mark.Peacock@ltvca.ca>
Subject: Fw: Permitting Process for London Lines Consultation

From: Rowland, Rob <Rob.Rowland@stantec.com>
Sent: Tuesday, May 12, 2020 11:21 AM
To: Randall Van Wagner <Randall.VanWagner@ltvca.ca>
Cc: Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>; Hartwig, Emily <Emily.Hartwig@stantec.com>
Subject: Permitting Process for London Lines Consultation

Hello Randall:

Stantec is working with Enbridge Gas Inc. (Enbridge) on the London Lines Pipeline Project. As part of that we would like to start the process of permitting construction activities in regulated areas within the Lower Thames Valley Conservation Authority watershed. We would like to take some time within the next couple of weeks to meet with LTVCA to introduce the Project, determine the CA information needs for the application(s) and discuss CA review and permitting timelines. We can set the discussion up via telephone. Attendees from the project team will be the Enbridge Project representative, Stantec Project manager and myself (permitting lead).

If you could propose some meeting times within the next couple of weeks that would much appreciated.

Thank you.
RR

Rob Rowland M.Sc., P.Geo.
Associate, Environmental Services, Assessment and Permitting

Direct: 519 780-8105
Mobile: 519 820-0748
Rob.Rowland@stantec.com

Stantec
1-70 Southgate Drive
Guelph ON N1G 4P5

May 14, 2020

VIA EMAIL – dan.delaquis@ontario.ca; kristen.bromfield@ontario.ca

Ministry of Energy, Northern Development and Mines
Dan Delaquis, Kristen Bromfield
Manager (Acting), Indigenous Energy Policy
Unit 77 Grenville St.
6th Floor
Toronto, ON
M7A 1B3

Dear Mr. Delaquis, Ms. Bromfield:

Re: London Lines Replacement Project Update

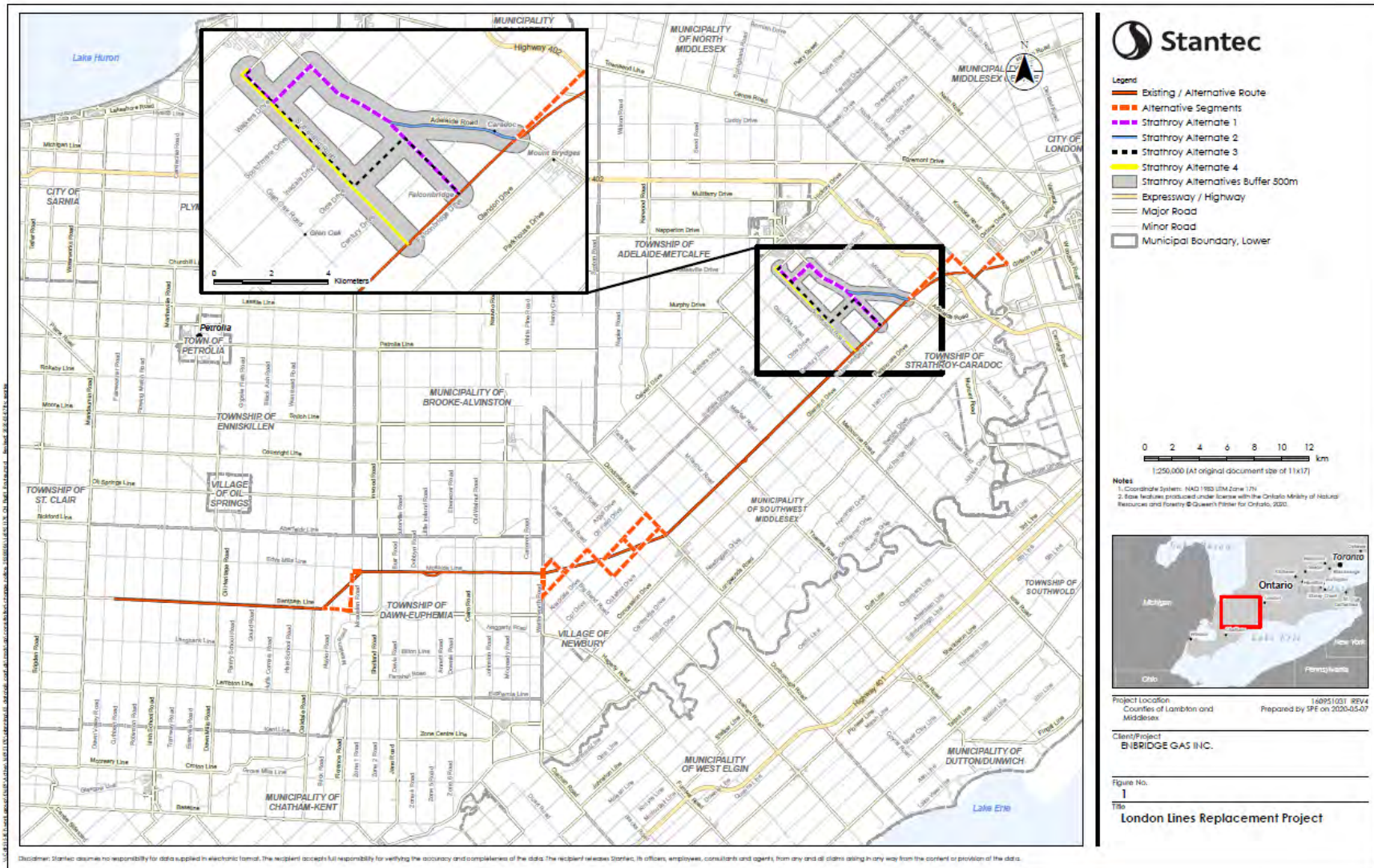
On December 9, 2019 Enbridge Gas Inc. ("Enbridge Gas") submitted a letter to the Ministry of Energy, Northern Development and Mines' ("MENDM") regarding the London Lines Replacement Project ("Project"), inclusive of a description of the Project and a request for a response from the MENDM regarding whether it would delegate the procedural aspects of any applicable Duty to Consult to Enbridge Gas.

As noted in Enbridge Gas's correction letter submitted March 24, 2020, the Project includes 12 km of nominal pipe size ("NPS") 8 to bring additional natural gas from the Strathroy-Caradoc area to the main London Lines project. Subsequent to Enbridge Gas's March 24, 2020 letter, the Municipality of Strathroy-Caradoc expressed concerns relating to constructability and coordination between Project work and municipal work scheduled to occur within the same timeframe. On this basis, Enbridge has proposed alternative routes in consultation with the Municipality of Strathroy-Caradoc. Please find attached an updated project map depicting the alternate routes.

Enbridge Gas requests confirmation from the MENDM that the update provided above does not alter the requirements or direction laid out in the MENDM's February 25, 2020 Project Delegation Letter. Should you have any questions regarding the above please contact the undersigned.

Sincerely,

Brandon Ott
Technical Manager, Regulatory Applications
Enbridge Gas Inc.
416-495-7468
cc: Asha Patel (asha.patel@enbridge.com)



CONTACT RECORD

NAME(S):	Mark McGill Glencoe	PROJECT NO.:	160951170
TELEPHONE:	519-287-3055	REPRESENTING:	Stantec Consulting Ltd.
RE:	London Lines Replacement Project (LLRP)	DATE/TIME:	5/14/2020
		RECORDED BY:	Emily Hartwig

☒ **CALL RECEIVED**☐ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner called regarding the LLRP.

Stantec called back on May 14, no response (left a voicemail). Enbridge (Municipal Affairs and Stakeholder Relations) contacted Councillor McGill on May 27. Councillor McGill noted two farmers have reached out to say they did not receive a notice. Enbridge will provide copies of the two letters (Notice of Commencement, and the Change Notice) via email. Councillor McGill asked; if there will be crop damage payment to landowners

1. Will there be crop damage paid to landowners. Enbridge responded yes, but it will not be discussed until a route is chosen and finalized and then landowner discussions would begin.

2. Is the route going to be generally the same? Enbridge responded yes, except in the areas with proposed alternative routes to move the pipeline off farm fields into road allowances. Enbridge noted this may mean additional customers are connected and cautioned that we are still in the route study phase with Stantec.

3. Should I get a quote to extend service to my home. Enbridge responded yes, but cautioned that he should wait to do so once the final running line is chosen

From: [Hartwig, Emily](#)
To: [Melissa Deisley](#); [Kelsey Mills](#); [Allison Chong](#); [Georgopoulos, Rooly](#); [Rowland, Rob](#)
Subject: Enbridge Gas Inc. LLRP - SCRCA Meeting Minutes
Date: Tuesday, May 26, 2020 11:12:00 AM
Attachments: [not_51170_LLRP_SCRCA_20202521.pdf](#)

Good morning everyone,

Please find attached the meeting minutes from our call yesterday afternoon.

If you have any questions or concerns, please let me know.

Regards,

Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

Stantec

1-70 Southgate Drive

Guelph ON N1G 4P5



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Meeting Notes

Enbridge Gas Inc. (EGI) meeting with St. Clair Region Conservation Authority (SCRCA)
London Lines Replacement Project (LLRP) / 160951170

Date/Time: May 25, 2020 / 2:30 PM
Place: Skype
Next Meeting: N/A
Attendees: Melissa Deisley (SCRCA), Allison Chong (EGI), Kelsey Mills (EGI), Rob Rowland (Stantec), Rooly Georgopoulos (Stantec), Emily Hartwig (Stantec)
Absentees: N/A
Distribution: All Attendees

Item:	Action:
--------------	----------------

Introduction

N/A

Rooly Georgopoulos (**RG**) introduced the attendees on the call.

Presentation - Overview

N/A

Allison Chong (**AC**) discussed the information on slides 1 – 7; provided an overview of the project, discussed the need for the project, and provided a timeline for the project activities including submission to the OEB.

Presentation – Environmental Report

N/A

RG provided a general overview of the Environmental Report including an estimated date for finalization.

Presentation – Stantec/EGI Requests

RG noted the natural environmental features within the SCRCA regulated boundaries (i.e. the number of watercourses and wetlands crossed, thermal regime of the watercourses etc.)

MD to provide Stantec/Enbridge with a list of the municipal drainage superintendents.

Melissa Deisley (**MD**) – Are most of the crossings going to be done by Horizontal Directional Drilling (HDD)?

Stantec to provide borehole locations for the geotechnical program to SCRCA once the preferred route is selected.

AC – We have not settled on the construction methods yet; the methods will be shaped by the environmental studies as part of the Environmental Report

MD – If the trenching method is to be used, we (SCRCA) would need to see proper damming etc.; if HDD is used we would want to see the location of entry and exit pits, a profile of how far under the waterbed the drill will be (typically 1.5 m below the bed of the watercourse and 10 – 15 m from the edge of the watercourse). This may vary between entry and exit points. As for wetlands, depending on the crossing method, there might be some instances where the wetland edge meets the road. Depending on the feature and how close the pipeline will lay you may need to follow directional drilling requirements.

May 25, 2020

Enbridge Gas Inc. (EGI) meeting with St. Clair Region Conservation Authority (SCRCA)

Page 2 of 2

Item:

Action:

Rob Rowland (RR) – Maybe we can triage the permits according to sensitivity (i.e. combine relevant permits)?

MD – We ask that the permits are grouped by roads. The SCRCA would be willing to work with the Project team to determine the areas that can be started first.

MD – There may be instances where you need to cross the floodplain areas; the SCRCA would need to see that the land is returned to its natural condition, remove the excess fill etc. (typical remediation measures).

RR – In the event that some of the watercourses are designated as a municipal drain, how would we proceed?

MD – Municipal drain crossing permit requests would go through the municipality's drainage superintendent, then the CA will get involved at the municipality's direction. **MD** to provide a list of the municipal drainage superintendents.

RG – Once we have determined the preferred route, we will start the geotechnical portion of the project. Is there a permit that Enbridge will be required to obtain to conduct this work?

MD – There is no permit per-se, but the CA would request an email noting the borehole locations to ensure there are no concerns.

SCRCA Application Review Timeline

N/A

RR – Are there impacts on your review timelines due to COVID-19?

MD – Permits are still being processed, no foreseeable issues with timing.

The foregoing is considered to be a true and accurate record of all items discussed. If any discrepancies or inconsistencies are noted, please contact the writer immediately.

Stantec Consulting Ltd.



Emily Hartwig B.Sc., EP.
Environmental Consultant

Phone: (519) 780-8186
Cell: (226) 979-4457
Emily.Hartwig@stantec.com

From: [Karen Winfield](#)
To: [Hartwig, Emily](#)
Cc: [Allison Chong](#); [Kelsey Mills](#); [LondonLines](#)
Subject: EXTERNAL EXTERNAL RE: EXTERNAL EXTERNAL LLRP - Meeting Minutes (June 02, 2020)
Date: Thursday, June 11, 2020 10:04:47 AM
Attachments:

Thanks Emily!

Karen W.

>>> "Hartwig, Emily" <Emily.Hartwig@stantec.com> 6/10/2020 3:21 PM >>>
[Good afternoon Karen,](#)

[Thank-you for your edits – I have revised the meeting minutes \(see attached\).](#)

[Please let me know if any other edits are required.](#)

[Regards,](#)

Emily Hartwig B.Sc., EP.
 Environmental Consultant, Assessment and Permitting
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From: Karen Winfield <WinfieldK@thamesriver.on.ca>
Sent: Tuesday, June 9, 2020 1:02 PM
To: Hartwig, Emily <Emily.Hartwig@stantec.com>
Cc: Allison Chong <allison.chong@enbridge.com>; Kelsey Mills <Kelsey.Mills@enbridge.com>;
 LondonLines <LondonLines@stantec.com>
Subject: Re: EXTERNAL EXTERNAL LLRP - Meeting Minutes (June 02, 2020)

Hi Emily,

Appreciate you providing the minutes. I have attached a number of minor comments for clarification purposes. Let me know if you can't view.

Thank-you,

Karen Winfield

Land Use Regulations Officer

1424 Clarke Road London, Ontario, N5V 5B9

519.451.2800 Ext. 237 | Fax: 519.451.1188

winfieldk@thamesriver.on.ca



>>> "Hartwig, Emily" <Emily.Hartwig@stantec.com> 6/8/2020 2:50 PM >>>
Good afternoon Karen,

Please find attached the meeting minutes from our call last week.

Regards,

Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

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Meeting Notes

Enbridge Gas Inc. (EGI) meeting with Upper Thames River Conservation Authority (UTRCA)
London Lines Replacement Project (LLRP) / 160951170

Date/Time: June 2, 2020 / 11:00 AM
Place: Skype
Next Meeting: N/A
Attendees: Karen Winfield (UTRCA), Allison Chong (EGI), Kelsey Mills (EGI), Rob Rowland (Stantec), Rooly Georgopoulos (Stantec), Emily Hartwig (Stantec)
Absentees: N/A
Distribution: All Attendees

Item:	Action:
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Introduction

N/A

Rooly Georgopoulos (**RG**) introduced the attendees on the call.

Presentation - Overview

N/A

Allison Chong (**AC**) discussed the information on slides 1 – 6; provided brief history of the London Lines, overview of the proposed project, discussed the need for the project, and provided a timeline for the project activities including submission to the OEB.

Presentation – UTRCA regulated boundary and Project interaction

N/A

RR discussed the project overlap with the UTRCA regulated boundary and noted that the Project is likely to cross a total of 11 watercourses (6 warmwater, 4 coldwater and 1 unknown thermal regime) and 1 Provincially Significant Wetland (PSW).

UTRCA Questions

Karen Winfield (**KW**) – what is included in the decommissioning process underneath a watercourse? Is there a possibility for a sinkhole to occur if the soil is too shallow?

Stantec/Enbridge – will provide all requested information on the permit application(s).

AC – typically abandonment in place is the standard process, but the choice to decommission or abandon in place is made on a case-by-case basis.

KW – When you submit your permit application, can you provide a brief statement on the process for decommissioning below a watercourse (i.e. will a pipe abandoned in place be filled in, grouted etc.)? The permit application form is available on the UTRCA website. We are asking that you provide details on where the proposed lines will be located and if they will be going underneath any watercourse, the watercourse undercrossing depth (i.e. so that there is no pipeline exposure in the future, and in the event a culvert or bridge needs to be updated in the future, it can be done so safely). The UTRCA request the pipeline is installed at least 1.2 – 1.5 m below small streambeds. If you are dealing with a municipal drain You will want to check with the municipal

June 2, 2020

Enbridge Gas Inc. (EGI) meeting with Upper Thames River Conservation Authority (UTRCA)

Page 2 of 3

Item:

Action:

drainage superintendent as to what the engineered watercrossing depth is supposed to be... as it may have changed over time... but would have to be dredged out again in the future... making the watercourse channel depth deeper/closer to the pipeline. For larger watercourses we ask that it should be deeper than 1.5 m but kept within geotechnical feasibility. In the Komoka area groundwater exists close to the surface.

KW – if you are using a horizontal directional drill (HDD) method, we would want to see a hydraulic fracture contingency plan (Enbridge has provided these in the past).

KW – if you need to open trench through a watercourse, we will want to know how the water will be pumped and/or piped. We also want to know that the pipes can handle at a minimum a 2-year storm. Request that you do not use sandbags, use pea or gravel bags.

KW – for the segments that are not going through the right-of-way (RoW), please contact me to go over details of these specific areas.

KW - a lot of the watercourses in this area become cold water streams (be aware of the potential species at risk [SAR] in these streams).

KW –Matthew Stephenson is the Drainage Superintendent for the Municipality of Strathroy-Caradoc. The Municipality is looking to do drain work on the Municipality of Middlesex Centre side of the drain (Waters-Arnold Municipal Drain), local fishing group is opposed.

KW – Dan Anderson is the Drainage Superintendent for Middlesex Centre.

KW – UTRCA requests that sediment erosion plans are submitted during detailed design phase.

RG – most CA's do not require a permit for borehole drilling, does UTRCA?

KW – generally no. As long as you are not clearing land to conduct the borehole drilling, and there are no concerns. Please send an email a day ahead of the work so that the CA is aware there will be staff on site.

UTRCA Application Review Timeline

RG – Are there impacts on your review timelines due to COVID-19?

KW – we are receiving many emails every day and a large volume of permit application requests, please allow for enough lead-time to process the application(s) (1 month is preferred). If you know that you are not going along the RoW and need to go through a wetland or other regulated area, please flag it and contact me to discuss in detail.

RR – would you like one (1) application that notes all crossings, or individual applications?

Stantec/Enbridge – will contact UTRCA if sections of the preferred route are planned to cross wetland or other regulated area.

Stantec/Enbridge – will aim to submit permit application(s) 1 month ahead of planned work.

June 2, 2020

Enbridge Gas Inc. (EGI) meeting with Upper Thames River Conservation Authority (UTRCA)

Page 3 of 3

Item:

KW – if you are going to get all of the work done in the same year, a single application is okay. Only one permit fee per project.

KW – Middlesex Centre recently conducted an Environmental Assessment (EA) for Glendon Drive.

Action:

Stantec – will review
Middlesex Centre
Glendon Drive EA.

The foregoing is considered to be a true and accurate record of all items discussed. If any discrepancies or inconsistencies are noted, please contact the writer immediately.

Stantec Consulting Ltd.



Emily Hartwig B.Sc., EP.
Environmental Consultant

Phone: (519) 780-8186

Cell: (226) 979-4457

Emily.Hartwig@stantec.com

From: [Hartwig, Emily](#)
To: [Lucia Lilbourne](#)
Cc: kelsey.mills@enbridge.com; [LondonLines](#)
Subject: RE: London Lines Replacement Project
Date: Tuesday, June 9, 2020 9:38:12 AM

Good morning Lucia,

Thank-you for providing the letter on behalf of the Middlesex Federation of Agriculture as noted below. We will incorporate your comments in the Environmental Report and we will ensure that the Middlesex Federation of Agriculture is included on all future project updates.

Regards,

Emily Hartwig B.Sc., EP.
 Environmental Consultant, Assessment and Permitting

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Mobile: 226 979-4457

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From: Lucia Lilbourne <mfa4h@bellnet.ca>

Sent: Monday, June 8, 2020 11:07 AM

To: Hartwig, Emily <Emily.Hartwig@stantec.com>

Cc: kelsey.mills@enbridge.com; LondonLines <LondonLines@stantec.com>

Subject: RE: London Lines Replacement Project

Good morning.

Please find attached, a letter from the MFA.

~Lucia

 Lucia A. Lilbourne, Coordinator

Middlesex Federation of Agriculture (MFA)

Middlesex Farm & Home Safety Committee

Middlesex *Get Fresh... Eat Local* Food Map

Middlesex County Agricultural Hall of Fame

www.middlesexfarmers.ca

www.eatlocalmiddlesex.ca

 633 - 4 Lions Park Drive

Mt. Brydges, ON N0L 1W0

t: (519) 264-9812

e: mfa4h@bellnet.ca

From: Hartwig, Emily [<mailto:Emily.Hartwig@stantec.com>]
Sent: Tuesday, June 2, 2020 1:01 PM
To: Lucia Lilbourne <mfa4h@bellnet.ca>
Cc: kelsey.mills@enbridge.com; LondonLines <LondonLines@stantec.com>
Subject: RE: London Lines Replacement Project

Good afternoon Lucia,

Thank-you for your voicemail and email. We are happy to extend our comment deadline for you.

If you have any questions or concerns in the meantime, please let me know.

Regards,

Emily Hartwig B.Sc., EP.
 Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186
 Mobile: 226 979-4457
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From: Lucia Lilbourne <mfa4h@bellnet.ca>
Sent: Tuesday, June 2, 2020 12:28 PM
To: LondonLines <LondonLines@stantec.com>
Cc: kelsey.mills@enbridge.com
Subject: London Lines Replacement Project

Good afternoon;

I left a message this morning at (519) 780-8186 and thought I'd follow-up with this email.

The Middlesex Federation of Agriculture is working on a draft letter to be reviewed at our meeting June 4th.

I see by the latest correspondence letter on this project, you were requesting comments by May 29th.

Due to the infrequencies of picking up mail, and holding Board meetings, we have missed that date.

I wanted to let you know I will be sending a letter Friday, or early next week at the latest.

Thanks.

~Lucia

Lucia A. Lilbourne, Coordinator

Middlesex Federation of Agriculture (MFA)

Middlesex Farm & Home Safety Committee

Middlesex *Get Fresh... Eat Local* Food Map

Middlesex County Agricultural Hall of Fame

www.middlesexfarmers.ca

www.eatlocalmiddlesex.ca

633 - 4 Lions Park Drive

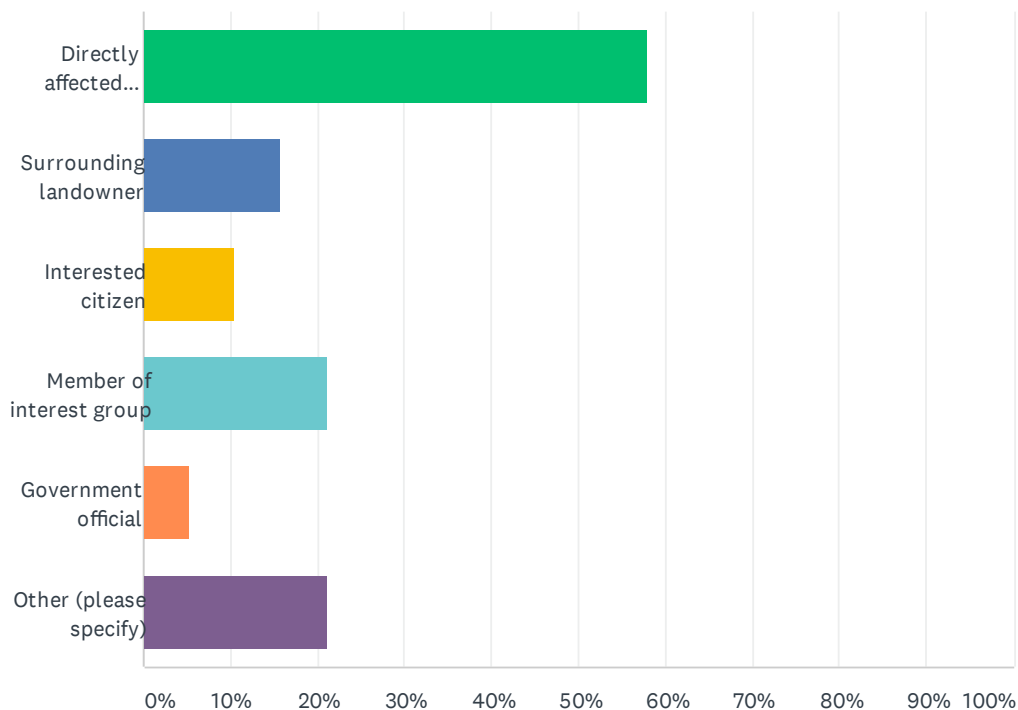
Mt. Brydges, ON N0L 1W0

t: (519) 264-9812

e: mfa4h@bellnet.ca

Q1 What is your interest in this project?

Answered: 19 Skipped: 0



ANSWER CHOICES	RESPONSES	
Directly affected landowner	57.89%	11
Surrounding landowner	15.79%	3
Interested citizen	10.53%	2
Member of interest group	21.05%	4
Government official	5.26%	1
Other (please specify)	21.05%	4
Total Respondents: 19		

#	OTHER (PLEASE SPECIFY)	DATE
1	Want natural to my place	4/29/2020 10:46 AM
2	have other pipelines thru my property, and this proposal is about 5 miles south of me	4/23/2020 5:07 PM
3	OFA Member Service Representative - information and knowledge	4/23/2020 2:51 PM
4	Not sure if directly affected or Surrounding Land owner	4/22/2020 11:42 AM

Q2 What is your view of the proposed project? Please explain any issues or concerns.

Answered: 15 Skipped: 4

#	RESPONSES	DATE
1	Don't want it on my property. I have wetlands, honey bees, vineyard, ongoing paleontology dig.	5/1/2020 12:29 PM
2	I understand the need to replace aging infrastructure and have no major concerns particularly with the majority of the project following the existing route.	5/1/2020 8:10 AM
3	Why did I get a notice? I live at _____ and your route goes all around me! Do not like getting my nose shoved in it.	4/29/2020 10:46 AM
4	We are a local farm operation that grows high value crops under contract. (Ginseng, Tobacco and Hemp) We could loose contracts by not having the land available, with the potential of loosing future income for not continuing the contract. We have an estimated value of one million dollars in equipment which can not be used. Soil structure will be damaged from previous experience for a minimum of 10 years or as long as 20 years. The town of Mount Brydges is located on two sides of our farm. The pipeline may affect future development of the town.	4/26/2020 1:46 PM
5	Upgrades are necessary... is there opportunity for residence without natural gas along the route to access?	4/26/2020 11:31 AM
6	these 2 lines need replaced, im glad to see this happening.	4/23/2020 8:01 PM
7	we would like the gas line moved off our property as is an option with route 6	4/23/2020 5:25 PM
8	the project may be necessary, my interest would be to make sure fellow farmers/landowners on this project are treated reasonably, fairly, pre-construction, during construction, and post construction, and all future issues properly dealt with	4/23/2020 5:07 PM
9	as a farmer i have seen drainage issues result from previous pipelines thus I am concerned.	4/23/2020 4:33 PM
10	Would like some clarification on route and property impact.	4/23/2020 11:10 AM
11	Our property would be directly affected by Strathroy alternate #2, causing questions and concerns to be addressed.	4/22/2020 1:38 PM
12	I believe it is needed and have no objections	4/22/2020 11:42 AM
13	We ran a tourism business and i am concerned about road closing for my customer coming to the farm.	4/21/2020 7:15 PM
14	Uncertainty if existing sections where an alternative route is proposed will be decommissioned and removed, as well as easements removed from said properties. Also, if removed, will a new line be installed down the road to allow home owners currently connected to remain connected without extra charges?	4/20/2020 2:35 PM
15	1/ What is going to happen to the existing gas lines/ 2/ I would like a phone call to clarify were the new line is in regards to my farm property	4/20/2020 1:03 PM

Q3 Please indicate if the project will have any impacts to you, your property or your business that you would like addressed (i.e., access, noise, dust, traffic, etc.).

Answered: 14 Skipped: 5

#	RESPONSES	DATE
1	Access, noise , dust, woodlot damage, wildlife disruption.	5/1/2020 12:29 PM
2	The extent of the work within Middlesex Centre is a relatively small portion of the project but with the proposed alternative route along Glendon Drive and Komoka Road it is important to the municipality that the running line location within the County's right of way takes future municipal servicing and road upgrades into consideration.	5/1/2020 8:10 AM
3	Nope	4/29/2020 10:46 AM
4	Income in that year as well as future income as the potential to lose contracts and decreased yield on disturbed land.	4/26/2020 1:46 PM
5	Will there be access issues to farmland during the farming season?	4/26/2020 11:31 AM
6	access to portions of agricultural lands that may become land locked.	4/23/2020 8:01 PM
7	the pipe lines run through the middle of or operational licenced grave pits consrtuction in the area would halt our business and operation as well as our farm land would be disturbed	4/23/2020 5:25 PM
8	none	4/23/2020 4:33 PM
9	Yes	4/23/2020 11:10 AM
10	Property concerns would include heavy construction near dwelling (150+ year old house), well water quality, impact to mature trees as well as safety \ access.	4/22/2020 1:38 PM
11	No issues	4/22/2020 11:42 AM
12	access to my business	4/21/2020 7:15 PM
13	The current line runs through our property, approx 30' from our home. Noise, dust, access to barn and rental income from current farming lease all factors.	4/20/2020 2:35 PM
14	yes, note above I have a farm dryer and residential houses connected to both existing lines	4/20/2020 1:03 PM

Q4 Please identify any features along the Preferred Route that you feel are important to consider during the environmental study.

Answered: 10 Skipped: 9

#	RESPONSES	DATE
1	Possibility of more ice age mega fauna discoveries. Well water disruption.	5/1/2020 12:29 PM
2	Within Middlesex Centre there will be a need to cross a natural feature (creek) on Glendon Drive (which is a municipal drain called Crow Creek Drain) as well as the Waters-Arnold Drain on Amiens Drive. We will require the depth of the installation to be sufficiently below these drains to allow for future maintenance and potential improvements.	5/1/2020 8:10 AM
3	Nope	4/29/2020 10:46 AM
4	Please follow Falconbridge Drive and do not put the line through the middle of our farm. The farm on _____ is in the study zone. There is high priced ginseng and land for future crops that would be affected if it travels through the farm.	4/26/2020 1:46 PM
5	the farm land and licenced aggregate pits	4/23/2020 5:25 PM
6	need to further study the information	4/23/2020 4:33 PM
7	There are non	4/22/2020 11:42 AM
8	dont know exactly where the pipeline is going. But it is between the two roads we live between.	4/21/2020 7:15 PM
9	I believe one large tree runs nearly over it, will it be removed in the process? Also a number of trees on surrounding properties.	4/20/2020 2:35 PM
10	What is the ground coverage over the new line	4/20/2020 1:03 PM

Q5 Do you have any questions or comments about this project that you would like to bring to our attention?

Answered: 15 Skipped: 4

#	RESPONSES	DATE
1	I would be willing to help with identification of any ice age bones being excavated.	5/1/2020 12:29 PM
2	1. Are the existing pipe lines both 8 inch? If yes then why are 2 being replaced by a single 8 inch main? Is it that the demand on this connection has been reduced or that the pressure on the new main will be significantly higher than on the existing mains? 2. Given this is will be a high pressure main what will be the required setbacks from existing buildings or restrictions on new buildings? Will this impact existing easements which are in place? 3. I would like to know if the alternative route along Glendon Drive/Komoka Road is used whether it is Enbridge's plan to abandon the existing pipes in place that are currently on private property or if they will be removed? 4. Will Enbridge relinquish easements on private property of new routes within road right of ways are used instead of across private property? 5. Does Enbridge plan to abandon or remove the existing gas mains which are with road right of ways? I do not feel it should be the road authority's responsibility to deal with extra cost on future construction projects due to abandoned gas mains. 6. Are there any environmental risks or liabilities associated with abandoning the existing mains in place and if so will that liability remain with Enbridge? 7. Does any portion of the existing pipeline contain asbestos within the pipe or its coating?	5/1/2020 8:10 AM
3	Why can't it connect houses on Glendon Drive?	4/29/2020 10:46 AM
4	How deep in the ground will this new 8" line be? How far from the road will it be? We are on Falconbridge Dr. in Appin. What's the plan with the 2 old line's	4/29/2020 10:04 AM
5	Will there be the ability for rural residents who do not have natural gas to there homes/business along or close to the proposed route be allowed to "hook into " the line for natural gas for there residence or business?	4/26/2020 11:31 AM
6	will the old pipes be removed? this is much preferred.	4/23/2020 8:01 PM
7	the pipe line runs right through a licenced gravel pit for safty and easy of operation and continuing operation during construction it should be moved to propoded rout 6 along komoka rd and glendon rd	4/23/2020 5:25 PM
8	more concerned on how pipeline construction and the impact on Landowners. I am on the 4 pipe Dawn-Trafalgar line. We have an organization who deals with Union Gas/Enbridge. will land owners have the opportunity to organize and deal with Union/Enbridge as a group or will they try to split landowners apart.	4/23/2020 5:07 PM
9	not at this time but likely down the road	4/23/2020 4:33 PM
10	I would like some clarification on the route and how it is going to impact my property.	4/23/2020 11:10 AM
11	Yes,questions as outlined in question 3 above.	4/22/2020 1:38 PM
12	Not at this time	4/22/2020 11:42 AM
13	we should opportunity for us and the neighbors to hook up to the pipeline.	4/21/2020 7:15 PM
14	As a home owner that the pipeline runs through, I have not received a letter or any indication of the project, however saw in the newspaper as well as someone walking on our property to assess the line today. Same as section 2: Uncertainty if existing sections where an alternative route is proposed will be decommissioned and removed, as well as easements removed from said properties. Also, if removed, will a new line be installed down the road to allow home owners currently connected to remain connected without extra charges?	4/20/2020 2:35 PM
15	Note my replies above I do want a phone call to clarify my concerns	4/20/2020 1:03 PM

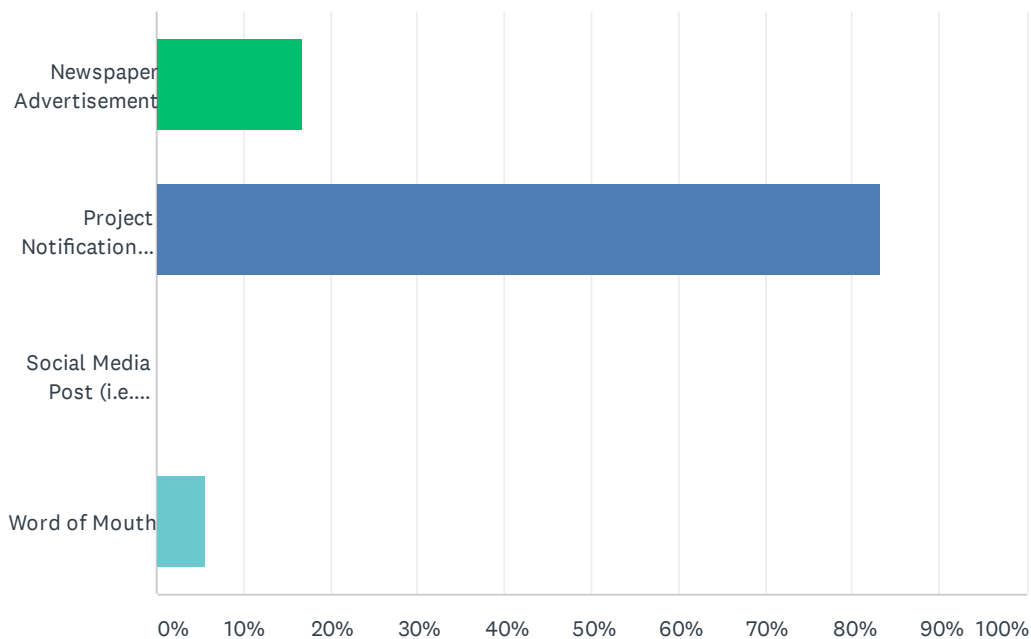
Q6 Did the content provided in the Virtual Open House meet your needs?

Answered: 14 Skipped: 5

#	RESPONSES	DATE
1	Partially.	5/1/2020 12:29 PM
2	It provided a good high level overview of the project. Once the route is determined more detailed information specific to work within smaller areas will be helpful.	5/1/2020 8:10 AM
3	Sure	4/29/2020 10:46 AM
4	Yes	4/26/2020 11:31 AM
5	yes	4/23/2020 8:01 PM
6	it was informative	4/23/2020 5:25 PM
7	Not really but I want to have landowners, especially if they have not had a pipeline before. I understand this line may vary from existing lines. Also how many landowners will be affected.	4/23/2020 5:07 PM
8	no	4/23/2020 4:33 PM
9	Very informative, but just the basics	4/23/2020 11:10 AM
10	Some good information, however follow up requested to address more specific questions and concerns (outlined in Q#3 above).	4/22/2020 1:38 PM
11	We have a feature of the line at the corner of our property not shown and we are not sure if it will be impacted that is	4/22/2020 11:42 AM
12	sure	4/21/2020 7:15 PM
13	It was good information on the process and project	4/20/2020 2:35 PM
14	Not really, very general	4/20/2020 1:03 PM

Q7 How did you hear about the Virtual Open House? Check all that apply:

Answered: 18 Skipped: 1



ANSWER CHOICES	RESPONSES	
Newspaper Advertisement	16.67%	3
Project Notification Letter	83.33%	15
Social Media Post (i.e. Facebook)	0.00%	0
Word of Mouth	5.56%	1
Total Respondents: 18		

Q8 Contact Information

Answered: 19 Skipped: 0

ANSWER CHOICES	RESPONSES	
Name	100.00%	19
Address	100.00%	19
Email	100.00%	19
Phone	94.74%	18

#	NAME	DATE
1		5/1/2020 12:29 PM
2		5/1/2020 8:10 AM
3		4/29/2020 10:46 AM
4		4/29/2020 10:04 AM
5		4/26/2020 1:46 PM
6		4/26/2020 11:31 AM
7		4/25/2020 11:09 AM
8		4/23/2020 9:51 PM
9		4/23/2020 8:01 PM
10		4/23/2020 5:25 PM
11		4/23/2020 5:07 PM
12		4/23/2020 4:33 PM
13		4/23/2020 2:51 PM
14		4/23/2020 11:10 AM
15		4/22/2020 1:38 PM
16		4/22/2020 11:42 AM
17		4/21/2020 7:15 PM
18		4/20/2020 2:35 PM
19		4/20/2020 1:03 PM

London Lines Replacement Project Virtual Open House Questionnaire

#	ADDRESS	DATE
1		5/1/2020 12:29 PM
2		5/1/2020 8:10 AM
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4		4/29/2020 10:04 AM
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6		4/26/2020 11:31 AM
7		4/25/2020 11:09 AM
8		4/23/2020 9:51 PM
9		4/23/2020 8:01 PM
10		4/23/2020 5:25 PM
11		4/23/2020 5:07 PM
12		4/23/2020 4:33 PM
13		4/23/2020 2:51 PM
14		4/23/2020 11:10 AM
15		4/22/2020 1:38 PM
16		4/22/2020 11:42 AM
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London Lines Replacement Project Virtual Open House Questionnaire

#	EMAIL	DATE
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8		4/23/2020 9:51 PM
9		4/23/2020 8:01 PM
10		4/23/2020 5:25 PM
11		4/23/2020 5:07 PM
12		4/23/2020 4:33 PM
13		4/23/2020 2:51 PM
14		4/23/2020 11:10 AM
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London Lines Replacement Project Virtual Open House Questionnaire

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6		4/26/2020 11:31 AM
7		4/25/2020 11:09 AM
8		4/23/2020 8:01 PM
9		4/23/2020 5:25 PM
10		4/23/2020 5:07 PM
11		4/23/2020 4:33 PM
12		4/23/2020 2:51 PM
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14		4/22/2020 1:38 PM
15		4/22/2020 11:42 AM
16		4/21/2020 7:15 PM
17		4/20/2020 2:35 PM
18		4/20/2020 1:03 PM

CONTACT RECORD

NAME(S):	Ed C [REDACTED] [REDACTED] Falconbridge Drive	PROJECT NO.:	160951170
TELEPHONE:	[REDACTED]	REPRESENTING:	Stantec Consulting Ltd.
RE:	London Lines Replacement Project (LLRP) – Virtual Open House Questions	DATE/TIME:	6/11/2020
		RECORDED BY:	Emily Hartwig

☐ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Enbridge (Lands Agent) spoke with the landowner. The landowner stated they do not want the pipeline on their property and would like it removed, noting it [the pipeline] is too shallow and interferes with their tiling. The landowner would like to be notified when a decision on the final preferred route has been made. The Lands Agent noted that the plan is to move the pipeline into the road allowance.

CONTACT RECORD

NAME(S): Jeff N [REDACTED]
[REDACTED] Springwell Road
TELEPHONE: [REDACTED]
RE: London Lines Replacement
Project (LLRP) – Virtual
Open House Questions

PROJECT NO.: 160951170
REPRESENTING: Stantec Consulting Ltd.
DATE/TIME: 5/26/2020
RECORDED BY: Emily Hartwig

☐ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Enbridge (Lands Agent) spoke with the landowner who noted they did not receive the first letter (Notice of Commencement) but did receive the second (Change Notice). The landowner liked the Virtual Open House and wishes we offered this option all the time as well as in person traditional info sessions. He wants pipelines and easements removed. Pipelines are preventing him from developing his property. Enbridge informed the landowner that the route has not been decided yet. The decommissioning will be decided with his consultation, easement agreement and environmental input. Enbridge mentioned future possible activities on the property – surveyors, archaeology.

From: [Hartwig, Emily](#)
To: [steve](#)
Cc: [LondonLines](#); [Kelsey Mills](#); [Allison Chong](#)
Subject: London Lines Replacement Project - Questionnaire
Date: Wednesday, May 27, 2020 10:02:54 AM

Good morning,

Thank you for completing the questionnaire for the London Lines Replacement Project. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures.

In response to your comments Enbridge considers impacts to traffic and local businesses as part of the environmental assessment, we will include mitigation measures such as utilizing road shoulders and implementing traffic control measures where needed to lessen any impacts in the area.

The project is a replacement project of the existing gas lines to ensure the continued safe operation and integrity of the natural gas distribution system. This project does not currently travel across this address and due to the construction plans, we will not be able to include new customer attachments while installing the new main. Once the new pipeline is in and energized, new customer attachments will follow existing attachment policies.

If you would like to inquire about connecting to Natural Gas you can:

- Submit an inquiry thru our website at <https://www.uniongas.com/switchtogas/>
- Or call 1-866-772-1045

Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further.

Regards,

Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

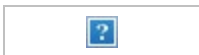
Mobile: 226 979-4457

Emily.Hartwig@stantec.com

Stantec

1-70 Southgate Drive

Guelph ON N1G 4P5



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From: [REDACTED] [Jim](#)
To: [Hartwig, Emily](#)
Cc: [LondonLines](#); [Kelsey Mills](#); [Allison Chong](#)
Subject: RE: London Lines Replacement Project - Questionnaire
Date: Wednesday, May 27, 2020 10:19:23 AM

Emily

Thank you for the information.

Basically If you need more area for it is there.

We are not people that want to stand in the way of progress.

Best Regards,

Jim K [REDACTED]

[REDACTED]

Email: [jk](#) [REDACTED]

Phone: [REDACTED] Fax: [REDACTED]

Confidentiality Note: The information contained in this message including attachments is privileged and confidential and thus protected from disclosure. If the reader of this message is not the intended recipient, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify this office immediately and destroy all copies. Any views or opinions expressed are solely those of the author and do not necessarily represent those of [REDACTED]. Thank you.

From: Hartwig, Emily <Emily.Hartwig@stantec.com>

Sent: May 27, 2020 10:05 AM

To: K [REDACTED], Jim [REDACTED]

Cc: LondonLines <LondonLines@stantec.com>; Kelsey Mills <Kelsey.Mills@enbridge.com>; Allison Chong <allison.chong@enbridge.com>

Subject: London Lines Replacement Project - Questionnaire

Good morning,

Thank you for your comment as part of the London Lines Replacement Project Virtual Open House.

The feature near your property is a regulator station and is planned to be replaced as part of this project. There is expected to be a nominal impact to service during the replacement but no long-term impact to natural gas supply. Enbridge will develop mitigation measures to limit disturbance in your area.

Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further.

Regards,

Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

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1-70 Southgate Drive

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From: [Hartwig, Emily](#)
To: [mike](#)
Cc: [LondonLines](#); [Kelsey Mills](#); [Allison Chong](#)
Subject: London Lines Replacement Project - Questionnaire
Date: Wednesday, May 27, 2020 10:03:03 AM

Good morning,

Thank you for your comment as part of the London Lines Replacement Project Virtual Open House. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures.

In response to your comments we will note that you would be directly impacted by Strathroy Alternative 2 and would have concerns with this alternative in respect to construction disturbance, water well quality, and safety and access.

Once a preferred route is chosen mitigation measures are developed to minimize impact to the public, stakeholders, environment and socio-economic features in the area. All necessary permit and approvals will be obtained, and all conditions will be adhered too. Prior to construction residents and landowners along the preferred route will be contacted to participate in a voluntary well water monitoring program to assess any impacts to water wells.

Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further.

Regards,

Emily Hartwig B.Sc., EP.
Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186
Mobile: 226 979-4457
Emily.Hartwig@stantec.com

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1-70 Southgate Drive
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From: [Hartwig, Emily](#)
To: [ss](#)
Cc: [LondonLines](#); [Kelsey Mills](#); [Allison Chong](#)
Subject: London Lines Replacement Project - Questionnaire
Date: Wednesday, May 27, 2020 10:03:32 AM

Good morning,

Thank you for your comment as part of the London Lines Replacement Project Virtual Open House.

Your address is on one route of four alternatives that are proposed to connect the replaced London Lines to the community of Strathroy. A preferred route will be chosen as part of the Environmental Assessment once the consultation period has concluded and an evaluation of Environmental and socio-economic features is complete. The proposed pipeline would be placed in the road-right-of way to limit impact to landowners, and mitigation measures will also be developed as part of the environmental assessment.

Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further.

Regards,

Emily Hartwig B.Sc., EP.
Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

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From: [Hartwig, Emily](#)
To: [meyer](#) [REDACTED]
Cc: [LondonLines](#); [Allison Chong](#); [Kelsey Mills](#)
Subject: London Lines Replacement Project - Questionnaire
Date: Wednesday, May 27, 2020 10:03:44 AM

Good morning,

Thank you for your comment as part of the London Lines Replacement Project Virtual Open House. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures.

In order to maintain agricultural drainage systems, landowners will be contacted prior to construction to confirm the location and type of existing drains and any future drainage.

Field tile will temporarily be re-routed during pre-construction activities to allow for proper drainage. Any damaged or severed drains will be repaired following construction. Landowners will be invited to inspect and approve the repair. Any on-going field tile issues resulting from pipeline construction will be addressed by Enbridge as required.

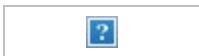
Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further.

Regards,

Emily Hartwig B.Sc., EP.
Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186
Mobile: 226 979-4457
Emily.Hartwig@stantec.com

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CONTACT RECORD

NAME(S):	Ron M [REDACTED] [REDACTED]	PROJECT NO.:	160951170
TELEPHONE:	[REDACTED]	REPRESENTING:	Stantec Consulting Ltd.
RE:	London Lines Replacement Project (LLRP) – Virtual Open House Questions	DATE/TIME:	6/11/2020
		RECORDED BY:	Emily Hartwig

☐ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Enbridge Lands Agent contacted Landowner by phone on June 11, Landowner stated that they would call the Land Agent back. No response as of July 10, 2020.

From: [Allison Chong](#)
To:
Cc: [LondonLines](#); [Kelsey Mills](#); [Donna Wilson](#)
Subject: London Lines Replacement Project - Virtual Open House comments
Date: Monday, May 25, 2020 2:24:24 PM

Hello,

Thank you for completing the questionnaire for the London Lines Replacement Project. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures. It is helpful to have the details you have provided in your comments regarding the operational impact and land impact that the construction may have.

We are in the process of finalizing the environmental report as well as the route selection. With regards to the future of the pipeline, the project's dedicated Land Agent will be in contact as plans are finalized.

Thank you,

Allison Chong, MASC, P.Eng., PMP
Advisor
Capital Development

ENBRIDGE GAS INC.
TEL: 905-458-2136 | CELL: 647-530-2294
101 Honda Blvd, Markham, ON, L6C 0H9

enbridge.com
Safety. Integrity. Respect.

CONTACT RECORD

NAME(S):	John P. [REDACTED] [REDACTED] Oilfield Drive	PROJECT NO.:	160951170
TELEPHONE:	[REDACTED]	REPRESENTING:	Stantec Consulting Ltd.
RE:	London Lines Replacement Project (LLRP) – Virtual Open House Questions	DATE/TIME:	5/26/2020
		RECORDED BY:	Emily Hartwig

☐ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Enbridge (Lands Agent) spoke with the landowner and informed them that the route has not yet been selected. Landowner is not as concerned with the route as he is with the old pipelines. The landowner noted if the new pipeline is installed on his property it will be installed at a proper depth to not interfere with his tiling and ploughing. Noted that the existing pipelines are too shallow. Enbridge informed the landowner that the decommissioning will be decided with their consultation, easement agreement and environmental input. Enbridge mentioned future possible activities on the property - surveyors, archaeology.

From: [Hartwig, Emily](#)
To: [mikeb](#)
Cc: [LondonLines](#); [Allison Chong](#); [Kelsey Mills](#)
Subject: London Lines Replacement Project - Questionnaire
Date: Wednesday, May 27, 2020 10:03:58 AM

Good morning,

Thank you for your comment as part of the London Lines Replacement Project Virtual Open House. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures.

In response to your comments Enbridge considers impacts to traffic and local businesses as part of the environmental assessment, we will include mitigation measures such as utilizing road shoulders and implementing traffic control measures where needed to lessen any impacts in the area.

The project is a replacement project of the existing gas lines to ensure the continued safe operation and integrity of the natural gas distribution system. This project does not currently travel across this address and due to the construction plans, we will not be able to include new customer attachments while installing the new gas line. Once the new pipeline is in and energized, new customer attachments will follow existing attachment policies.

If you would like to inquire about connecting to Natural Gas you can:

- Submit an inquiry thru our website at <https://www.uniongas.com/switchtogas/>
- Or call 1-866-772-1045

Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further.

Regards,

Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

Stantec

1-70 Southgate Drive

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From: [Hartwig, Emily](#)
To: [jt](#)
Cc: [Kelsey Mills](#); [Georgopoulos, Rooly](#); [Allison Chong](#); [LondonLines](#)
Subject: Enbridge Gas Inc. London Lines Replacement Project - Questionnaire Response
Date: Friday, May 29, 2020 12:54:32 PM

Good afternoon,

Thank-you for your comment as part of the London Lines Replacement Project Virtual Open House. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures.

In response to your comments, Enbridge considers impacts to local businesses as part of the environmental assessment and we will include mitigation measures such as installing the pipeline in the road right-of-way where possible, using road shoulder for construction areas and implementing traffic control measures where needed to lessen any impacts in the area.

Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further.

Regards,

Emily Hartwig B.Sc., EP.
Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

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From: [Hartwig, Emily](#)
To: [he \[REDACTED\]](#)
Cc: [LondonLines](#); [Allison Chong](#); [Kelsey Mills](#)
Subject: London Lines Replacement Project - Questionnaire
Date: Wednesday, May 27, 2020 10:04:54 AM

Good morning,

Thank you for your comment as part of the London Lines Replacement Project Virtual Open House.

In response to your comments, the proposed pipeline would be installed to a depth which is in alignment with applicable codes and regulations and Enbridge Gas Inc practices. Detailed design of the pipeline will commence once a preferred route is chosen, the location and depth of the pipeline within road right of way and easements will be confirmed at this stage. The existing lines will be decommissioned and abandoned. Abandonment will result in either removal of the pipeline or abandonment in place as per all applicable codes and regulations. Consultation with municipalities, stakeholders, landowners and indigenous groups will further refine the decommissioning plan.

Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further.

Regards,

Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

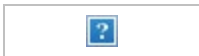
Mobile: 226 979-4457

Emily.Hartwig@stantec.com

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From: [Hartwig, Emily](#)
To: d [REDACTED]
Cc: [LondonLines](#); [Allison Chong](#); [Kelsey Mills](#)
Subject: London Lines Replacement Project - Questionnaire
Date: Wednesday, May 27, 2020 10:05:06 AM

Good morning,

Thank you for your comment as part of the London Lines Replacement Project Virtual Open House. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures.

The project is a replacement project of the existing gas lines to ensure the continued safe operation and integrity of the natural gas distribution system. This project does not currently travel across this address and disturbance is expected to be minimal to your property.

Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further.

Regards,

Emily Hartwig B.Sc., EP.
Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

Stantec

1-70 Southgate Drive

Guelph ON N1G 4P5



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From: [Hartwig, Emily](#)
To: team [REDACTED]
Cc: [LondonLines](#); [Kelsey Mills](#); [Allison Chong](#)
Subject: RE: London Lines Replacement Project - Questionnaire
Date: Wednesday, May 27, 2020 11:29:57 AM

Good morning,

My apologies – it was brought to my attention that a distance measurement was missing in my email below. The second paragraph should read:

“As part of the environmental assessment all landowners, stakeholders, and interested parties within **1000 meters of the existing/alternative route** received a notice to ensure all comments, concerns and sensitive features that could potential be impacted by this project were identified and appropriate mitigation measure were in place to limit impacts”

Regards,

Emily Hartwig B.Sc., EP.
 Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186
 Mobile: 226 979-4457
Emily.Hartwig@stantec.com

Stantec
 1-70 Southgate Drive
 Guelph ON N1G 4P5



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From: Hartwig, Emily
Sent: Wednesday, May 27, 2020 10:05 AM
To: team [REDACTED]
Cc: londonlines@stantec.com; Kelsey Mills <Kelsey.Mills@enbridge.com>; Allison Chong <allison.chong@enbridge.com>
Subject: London Lines Replacement Project - Questionnaire

Good morning,

Thank you for your comment as part of the London Lines Replacement Project Virtual Open House. We have taken into account your comments as part of the Environmental Assessment for this project. We will be able to consider these comments as part of the route selection and evaluation and development of mitigation measures.

As part of the environmental assessment all landowners, stakeholders, and interested parties within the XX meters study area received a notice to ensure all comments, concerns and sensitive features that could potential be impacted by this project were identified and appropriate mitigation measure were in place to limit impacts.

The project is a replacement project of the existing gas lines to ensure the continued safe operation and integrity of the natural gas distribution system. This project does not currently travel across this address

and due to the construction plans, we will not be able to include new customer attachments while installing the new gas line. Once the new pipeline is in and energized, new customer attachments will follow existing attachment policies.

If you would like to inquire about connecting to Natural Gas you can:

- Submit an inquiry thru our website at <https://www.uniongas.com/switchtogas/>
- Or call 1-866-772-1045

Should you have further questions regarding the project please let us know and a representative will be in contact to discuss further.

Regards,

Emily Hartwig B.Sc., EP.

Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

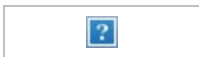
Mobile: 226 979-4457

Emily.Hartwig@stantec.com

Stantec

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Guelph ON N1G 4P5



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From: [Donna Wilson](#)
To: [Chris T \[REDACTED\]](#)
Cc: [LondonLines](#); [Kelsey Mills](#)
Subject: Re: [External] LLRP
Date: Monday, April 13, 2020 4:18:41 PM

Hello Ruth,

How are you? I hope you and your family are well, healthy and safe!

Thank you for reaching out to the team with your question. I have been told the project is not planned to intersect with your properties.

If there are other questions please let us know.

Thank you.
Donna Wilson
Land Advisor, Lands & ROW

Get [Outlook for iOS](#)

From: Chris T [REDACTED]
Sent: Thursday, April 9, 2020 9:11 PM
To: LondonLines@stantec.com
Cc: Donna Wilson
Subject: [External] LLRP

EXTERNAL: PLEASE PROCEED WITH CAUTION.

This e-mail has originated from outside of the organization. Do not respond, click on links or open attachments unless you recognize the sender or know the content is safe.

Deer: Kelsey Mills or Rooly Georgopoulos

My name is Ruth T [REDACTED] and I own [REDACTED] Co. and [REDACTED] Co. I am looking to confirm whether or not the LLRP line will affect either or both of the properties I own at [REDACTED] Ivan Drive Lobo Township Middlesex Center or [REDACTED] Coldstream Road Lobo Township Middlesex Center? The map that I have seen doesn't extend far enough to provide an answer for either of these properties. I look forward to hearing from you shortly on this matter.

Sincerely,

Ruth T [REDACTED]
[REDACTED]
[REDACTED]
H# [REDACTED]
C# [REDACTED]

CONTACT RECORD

NAME(S):	<u>Dan B.</u>	PROJECT NO.:	<u>160951170</u>
		REPRESENTING:	<u>Stantec Consulting Ltd.</u>
TELEPHONE:	<u>[REDACTED]</u>	DATE/TIME:	<u>4/16/2020</u>
RE:	<u>London Lines Replacement Project (LLRP)</u>	RECORDED BY:	<u>Emily Hartwig</u>

☒ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner called regarding the LLRP.

Stantec returned the call. The landowner owns a farm on Cooks Road and had received the mailed-out letter. Noted that he and several of his neighbors who also have farms would like access to natural gas and have been requesting it for a year or so. Directed to watch the Virtual Open House between April 20th and May 1st for more information on the Environmental Report part of the Project.

CONTACT RECORD

NAME(S): Rob D. _____**PROJECT NO.:** 160951170 _____**REPRESENTING:** Stantec Consulting Ltd. _____**TELEPHONE:** [REDACTED] _____**DATE/TIME:** 4/16/2020 _____**RE:** London Lines Replacement
Project (LLRP) _____**RECORDED BY:** Emily Hartwig _____☒ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner called regarding the LLRP.

Enbridge returned the call on April 27, 2020. Landowner asked if the route was located on Century Road or if was on Falconbridge Drive. Enbridge confirmed that the route alternative is on Falconbridge Drive, and noted that feedback is currently being received on the route.

From: Alex M [REDACTED]
To: Hartwig, Emily
Subject: Re: London Lines Replacement Project
Date: Monday, April 27, 2020 12:15:36 PM

Thank you Emily.

On Apr 27, 2020, at 10:22 AM, Hartwig, Emily <Emily.Hartwig@stantec.com> wrote:

Good morning Ms. M [REDACTED],

My apologies for the delayed response. Please follow the steps below to access the interactive map for the London Lines Replacement Project:

1. Open the weblink to the interactive map:
<https://stantec.maps.arcgis.com/apps/webappviewer/index.html?id=08cbf589324748f598206747f7665976>
2. Type your address directly into the search bar in the top left corner
3. Click on the magnifying glass icon
4. The map should zoom to the location you have typed in.

If you have any trouble accessing the interactive map, or you have any further questions or concerns please do not hesitate to reach out.

Regards,

Emily Hartwig B.Sc., EP.
 Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

Stantec

1-70 Southgate Drive

Guelph ON N1G 4P5



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From: Alex M [REDACTED]
Sent: Sunday, April 19, 2020 10:18 PM
To: LondonLines <LondonLines@stantec.com>
Subject: London Lines Replacement Project

Hello

Due to the proximity of our property to the preliminary or alternative pipeline segments for the LLRP, I received your Stantec notice pertaining to the project and virtual open house.

Would it be possible to get a larger scale map for the area (as indicated below) or an interactive map that I could zoom in to see the Komoka/Melrose area?

Thanks so much.

Alex M [REDACTED]
[REDACTED] Oxbow Drive
Komoka, ON [REDACTED]

<image001.png>

CONTACT RECORD

NAME(S):	Ruth S [REDACTED]	PROJECT NO.:	160951170
		REPRESENTING:	Stantec Consulting Ltd.
TELEPHONE:	[REDACTED]	DATE/TIME:	4/20/2020
RE:	London Lines Replacement Project (LLRP)	RECORDED BY:	Emily Hartwig

☒ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner called regarding the LLRP.

Stantec returned the call. Spoke about the Project, and landowner noted they do not have access to a computer. Stantec promised to mail a printed copy of the Virtual Open House presentation, a copy of the presentation script, a hardcopy of the questionnaire and a pre-paid envelope. Documents were mailed to the landowner on April 21, 2020. Landowner requested a phone call from Enbridge. Summary of the phone call was sent to Enbridge on April 20th to follow-up with the landowner.

CONTACT RECORD

NAME(S):	James C. [REDACTED] Goldcreek Drive	PROJECT NO.:	160951170
TELEPHONE:	[REDACTED]	REPRESENTING:	Stantec Consulting Ltd.
RE:	London Lines Replacement Project (LLRP)	DATE/TIME:	4/20/2020
		RECORDED BY:	Emily Hartwig

☒ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner called regarding the LLRP, specifically how to connect to natural gas.

Stantec called back on May 14, 2020. No specific concerns raised; the landowner wanted to know if they can hook up to the natural gas. Stantec provided the 1-866 phone number to discuss Enbridge Gas Inc. connections.

From: [Hartwig, Emily](#)
To: [Boomer](#) [REDACTED]
Cc: [Georgopoulos, Rooly](#); [Kelsey Mills](#)
Bcc: londonlines@stantec.com
Subject: RE: London lines project questions
Date: Wednesday, April 22, 2020 11:00:00 AM
Attachments: [LLRP_Avro-Drive_Amiens-Road_20200422.JPG](#)

Good morning Ms. S [REDACTED],

Thank-you for reaching out regarding the London Lines Replacement Project.

In the area of Avro Drive and Amiens Road (see attached) an alternative segment (orange dashed line) is being reviewed as a potential deviation off of the Existing Route (yellow solid line). At this stage of the project, we are evaluating all options to determine the route which most minimizes potential environmental and/or socio-economic impacts.

To inquire about connecting to natural gas from this line, you can submit an inquiry at <https://www.uniongas.com/switchtogas/> or call 1-866-772-1045.

If you have any other questions or comments, please let me know.

Regards,

Emily Hartwig B.Sc., EP.
 Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

Stantec
 1-70 Southgate Drive
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From: Boomer [REDACTED]
Sent: Monday, April 20, 2020 7:06 PM
To: LondonLines <LondonLines@stantec.com>
Subject: London lines project questions

Good evening,

I was looking at the proposal for the replacement of the London gas lines project coming up. After looking at the map I have a couple questions.

What road or area exactly off of Amiens toward the 402 is the line planned to go? We live on Avro Dr and it looks like our road might be it? If it is our road, how does it work to have our property hooked up to the gas line and is there a fee involved?

Thank you for the information.

Tracy S 

Get [Outlook for Android](#)

CONTACT RECORD

NAME(S):	David J. [REDACTED] Falcon Bridge Drive	PROJECT NO.:	160951170
TELEPHONE:	[REDACTED]	REPRESENTING:	Stantec Consulting Ltd.
RE:	London Lines Replacement Project (LLRP)	DATE/TIME:	4/21/2020
		RECORDED BY:	Emily Hartwig

☒ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner called regarding the LLRP and noted interest in connecting to natural gas.

Stantec called back on April 23, 2020. The landowner asked about their parent's property along Falcon Bridge Drive that currently has an orchard in the front of the property, and if the route will impact the orchard. The landowner also asked about connecting their property to natural gas. Stantec noted a printed version of the orchard property will be mailed to the landowner's parents (mailed on April 27th) and provided the landowner with the 1-866 phone number to discuss Enbridge Gas Inc. connections.

CONTACT RECORD

NAME(S):	Duncan M [REDACTED] [REDACTED] MacAvoy Road Concession Street N, lot [REDACTED] and [REDACTED] [REDACTED]	PROJECT NO.:	160951170
TELEPHONE:	[REDACTED]	REPRESENTING:	Stantec Consulting Ltd.
RE:	London Lines Replacement Project (LLRP)	DATE/TIME:	4/21/2020
		RECORDED BY:	Emily Hartwig

☒ **CALL RECEIVED**☐ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner called regarding the LLRP and requested a more detailed map to show their property in proximity to the Project. The landowner provided an email address.

Stantec sent via email (April 21, 2020) a link to the interactive map with instructions and a map of the landowner's property.

From: [Hartwig, Emily](#)
To: [loudon \[REDACTED\]](#)
Cc: [londonlines@stantec.com](#); [Georgopoulos, Rooly](#)
Subject: London Lines Replacement Project - Map
Date: Tuesday, April 21, 2020 11:24:00 AM
Attachments: [160951170_Fig01_Site_Location_23487McEvoyRd_20200421.pdf](#)

Good morning Mr. M [REDACTED],

Thank-you for reaching out regarding the London Lines Replacement Project. We have prepared a map (see attached) that shows your property, as noted in your voicemail, in relation to the natural gas pipeline.

We have prepared a [Virtual Open House](#) that provides an overview of the Project, and includes a website link to an Interactive Map on slide 7 (titled Route Evaluation Methodology). You can also use this Interactive Map to zoom into the area where your property is located.

If you have any questions or concerns, please let me know.

Regards,

Emily Hartwig B.Sc., EP.
Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

Stantec

1-70 Southgate Drive

Guelph ON N1G 4P5



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From: [Hartwig, Emily](#)
To: [jody.k](#)
Cc: [Georgopoulos, Rooly](#); Kelsey.Mills@enbridge.com
Bcc: londonlines@stantec.com
Subject: RE: project
Date: Wednesday, April 22, 2020 1:52:00 PM
Attachments: [LLRP_22626_Troops-Road_20200422.JPG](#)
[160951170_Fig01_Site_Location_22626TroopsRoad_20200422.pdf](#)

Good afternoon,

Thank-you for reaching out regarding the London Lines Replacement Project.

The following steps should allow you to see you property on the interactive map:

1. Open the weblink to the interactive map:
<https://stantec.maps.arcgis.com/apps/webappviewer/index.html?id=08cbf589324748f598206747f7665976>
2. Type your address directly into the search bar in the top left corner
3. Click on the magnifying glass icon
4. The map should zoom to the location you have typed in.

If the steps above do not work, I have attached a screenshot from the interactive map of your property (as noted below) as well as a map that our GIS analyst has created.

Please let me know if you have any questions or concerns.

Regards,

Emily Hartwig B.Sc., EP.
 Environmental Consultant, Assessment and Permitting

Direct: 519 780-8186

Mobile: 226 979-4457

Emily.Hartwig@stantec.com

Stantec

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From: [jody.k](#)
Sent: Wednesday, April 22, 2020 7:36 AM
To: LondonLines <LondonLines@stantec.com>
Subject: project

Hi – I was on your virtual open house – I can find my address and we did receive your notice in the mail

On the map – I find the layers option that should show where the route is going to be – but it

doesn't populate on the map -with the address

I cannot tell from the map you sent or from this if the rear of our property is going to be affected by this

Our address is [REDACTED] Troops Road, Mount Brydges – we front onto Troops – and the rear is Glendon Drive

Can you help ?

CONTACT RECORD

NAME(S): Steven S [REDACTED]
Landowner
[REDACTED]
TELEPHONE: [REDACTED]
RE: London Lines Replacement
Project (LLRP)

PROJECT NO.: 160951170
REPRESENTING: Stantec Consulting Ltd.
DATE/TIME: 4/23/2020
RECORDED BY: Emily Hartwig

☐ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner sent an email to Stantec Learning asking that they be contacted by phone call regarding the LLRP.

Stantec called the landowner on April 23, 2020. The landowner asked if there is currently a line going to Strathroy, the timing of the phases of the project, if the landowners will be kept up to date on the project activities and if a landowner's property is needed to be crossed or the line is going in front of their property, if they will be notified. Stantec confirmed Enbridge is reviewing 2 alternatives for Strathroy (1 and 2), noted the ER finalization process and submission to the OEB, and noted the landowners will be notified when the ER is complete. Stantec also told the landowner that if required, an Enbridge land agent would be in touch to discuss both temporary and permanent land easements.

CONTACT RECORD

NAME(S):	Emil P [REDACTED] [REDACTED] Falcon Bridge Drive	PROJECT NO.:	160951170
TELEPHONE:	[REDACTED]	REPRESENTING:	Stantec Consulting Ltd.
RE:	London Lines Replacement Project (LLRP)	DATE/TIME:	4/27/2020
		RECORDED BY:	Emily Hartwig

☒ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner called regarding the LLRP and wanted to know if the Project will impact their properties.

Stantec returned the call on April 27, 2020. Landowner asked:

1. What side [of the road] the pipeline is being installed in
2. Landowner is building a new house and installing a new driveway and since the pipeline that crosses his property will be abandoned, he is wondering if he requires a crossing easement.
3. Landowner is installing a fence for his cattle and is concerned that the new pipeline will impact his ability to install the new fence.
4. The existing gas pipeline on his property juts in about 10-15 m from Falconbridge and he indicates that his lawyer has completed a title search and apparently there is no registered easement along Falconbridge and specifically near or on his property for this natural gas pipeline.
5. Landowner asked what the plan was for the old pipeline and Stantec indicated that it would be abandoned in place. He does not have a concern but doesn't want to have to get a crossing agreement for his driveway.

On April 29, Enbridge (Lands Agent) spoke with the landowner. The landowner's main concern is obtaining the contact information for third party while he builds a driveway. Enbridge noted they would try to find information for him (District's or Operations). Enbridge noted the District will need to make sure any activity is appropriate on top of the line. Landowner is confident there is no depth of cover concern in his field since he chisel ploughs 18-20 inches deep and hasn't hit anything.

Discussed the lack of registered easement. Landowner understands we [Enbridge] have one and that during conversion from registry to land titles it was not brought forward. Enbridge also noted that we are not sure yet which side of the road we will be on; waiting for the ER report. Landowner builds subdivisions, so he is very familiar with the process.

From: [Georgopoulos, Rooly](#)
To: [Simone b \[REDACTED\]](#)
Cc: [LondonLines](#); [Hartwig, Emily](#)
Subject: Re: London Lines Replacement Project
Date: Friday, May 1, 2020 11:15:49 AM

Hi Charmaine, I understand your concerns but all construction activities related to this Project will be greater than [REDACTED] away from your home and as such you should not be impacted nor should the Catwalk.

All the best.

Regards and stay safe.

Rooly

From: Simone b [REDACTED]
Sent: Friday, May 1, 2020 10:56 AM
To: Georgopoulos, Rooly
Subject: Re: London Lines Replacement Project

Oh ok. I REALLY Appreciate your prompt and forthright answers.

Yes I think You have the correct Location.

I was just Really frustrated because there is a Blue Line at the end of the Left side of my Driveway on the Road and I wasn't sure what that meant as a portion of my Driveway would be impacted if that Blue line meant something.

Will there be any Construction in the Catwalk including Dust, Debris and Noise level from the possible Construction since currently the Catwalk is pretty busy, noisy with Pedestrian Traffic and usage currently?

On Fri., May 1, 2020, 9:55 a.m. Georgopoulos, Rooly, <Rooly.Georgopoulos@stantec.com> wrote:

Good morning Charmaine,

I had my GIS lead plot your address as it relates to the Project and I believe we have accurately located it on the attached map; it is close to the catwalk that goes from Queen Street to Fieldstone Crescent North. If what we have presented is accurate (please confirm), then your home is approximately [REDACTED] m away from the Project Study Area and therefore we do not anticipate any direct impacts to your property as a result of this Project. You may experience some temporary travel delays if you happen to drive through the Project Study Area during construction but that would likely be the full extent of potential impacts to you.

I hope this helps and alleviates any concerns you may have had regarding the London Lines

Replacement Project. If you have any further comments or questions, please feel free to reach out to me at your convenience.

Regards and stay safe.

Rooly

From: Simone b [REDACTED]
Sent: Thursday, April 30, 2020 8:28 PM
To: Georgopoulos, Rooly <Rooly.Georgopoulos@stantec.com>
Subject: Re: London Lines Replacement Project

I am at [REDACTED] Fieldstone Crescent North Komoka. Right beside the Catwalk and I would like to know how this planned Project will potentially impact my Property

On Thu., Apr. 30, 2020, 7:51 p.m. Georgopoulos, Rooly,
<Rooly.Georgopoulos@stantec.com> wrote:

Good evening Charmaine, thank you for your email. I was wondering if you could let the project team know your address so we can have a better idea of your concerns as it relates to this project.

Thanks and I look forward to hearing back from you.

Regards,

Rooly

From: Simone b [REDACTED]
Sent: Thursday, April 30, 2020 7:33 PM
To: LondonLines
Subject: London Lines Replacement Project

Good Evening,

I have a MAJOR PROBLEM if there will be Construction or any type of Gas Lines running ON or NEAR my Property.

I DO NOT NEED or WANT to be Inconvenienced ESPECIALLY if I am expected to pay High Property Taxes, Water Bills and my Driveway or any inch of my Property will be affected.

I DID NOT purchase my Home for this to OCCUR.

SOMEONE NEEDS to get in Contact with Me by responding to this Email.

Charmaine

CONTACT RECORD

NAME(S): Paula L [REDACTED] / Paul
M [REDACTED]
[REDACTED]
TELEPHONE: (Email)
RE: London Lines Replacement
Project (LLRP)

PROJECT NO.: 160951170
REPRESENTING: Stantec Consulting Ltd.
DATE/TIME: 4/28/2020
RECORDED BY: Emily Hartwig

☒ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

On April 28, 2020 Paul M [REDACTED] (Partner, [REDACTED]) sent an email to Enbridge advising that [REDACTED] had approached the law firm to provide advice and assist with any submissions with respect to the Project. On April 29, 2020 Paula L [REDACTED] (Partner, [REDACTED]) emailed a letter on behalf of their client ([REDACTED]).

Enbridge followed up with Paul M [REDACTED] on June 4, 2020. Enbridge had a phone conversation with Paul M [REDACTED] and stated that Enbridge would not permit representation of [REDACTED] if they were in any way antagonistic to Enbridge's interests, however Enbridge has no objection to [REDACTED] providing [REDACTED] with general advice.

CONTACT RECORD

NAME(S):	John S [REDACTED]	PROJECT NO.:	160951170
		REPRESENTING:	Stantec Consulting Ltd.
TELEPHONE:	[REDACTED]	DATE/TIME:	5/1/2020
RE:	London Lines Replacement Project (LLRP)	RECORDED BY:	Emily Hartwig

☒ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner (John S [REDACTED]) called regarding the LLRP ([REDACTED]). Primary concern is depth of the pipeline, what will happen to the existing pipeline once decommissioned, if there will be compensation for damaged crops and if landowners will be able to access natural gas.

On May 1, 2020 Enbridge (Lands Agent) returned the call. Landowner has 2 farms with existing pipelines. Landowner provided their concerns, outlining the deficiencies, as he saw them, of the existing pipelines: shallow, leaking. Landowner informed Enbridge about the aerial crossings of the pipe in the ditch which prevents him from cleaning the ditch.

Enbridge explained the project to him in general terms, and that Enbridge hopes to run the new pipeline in road allowance and once we have an abandonment plan in place he will be contacted. Noted if work on his farms is required he will be compensated but we are not sure what that looks like at this time. He was very happy to hear we plan to put the pipe in the road and that we construct these deeper with no daylighting anymore.

From: [Kelsey Mills](#)
To: bdt [REDACTED]
Cc: [LondonLines](#); [Allison Chong](#); [Donna Wilson](#)
Subject: FW: [REDACTED] Comments on London Lines Replacement Project
Date: Tuesday, May 26, 2020 3:50:54 PM

Hi Dana,

Hope this email finds you well and apologies for the delay in responding to you.

Enbridge is still completing the Environmental Assessment for the London Lines Replacement Project and a preferred route has not been chosen yet. If you have a preference on whether you would like the pipeline to move to the Road right-of way or be replaced in the existing easement on [REDACTED] Glendon Drive we would appreciate hearing your feedback. This will help to inform the routing evaluation when choosing a preferred route.

I have included responses to your questions below that can be answered at this time. As the project progresses we will be able to gather further information for you.

1. With the proposed alternative route we would like to confirm that per your letter all services to [REDACTED] Glendon Drive will be maintained during and after the project is complete.
 - a. **Correct all existing services will be maintained as part of this project.**
2. As [REDACTED] Glendon Drive is an active farming operation we would like specific additional details on the decommissioning plans associated with the existing lines and if Union Gas will be lifting their easement across the [REDACTED] property after all decommissioning activities are complete.
 - a. **The existing lines will be decommissioned and abandoned. Decommissioning will result in either removal of the pipeline or abandonment in place decided with your consultation, easement agreement and environmental input. Consultation with municipalities, stakeholders, landowners and indigenous groups will further refine the decommissioning plan for the remainder of the project. An Enbridge Lands Agent will be in contact in the future to discuss this further.**
3. We would like to know what the anticipated impacts to our active farming operations will be including but not limited to access.
 - a. **Once a preferred route is chosen the Lands agent will be in contact to discuss project impacts and access requirements for potential future activities including environmental and construction surveys and construction works if necessary.**
4. As we currently maintain the ditch in the municipal right of way (pick up garbage, cut grass, etc.), please confirm that the ditch will be restored after the new line goes through such that we can continue to maintain the right of way.
 - a. **Upon the completion of construction Enbridge will restore the area to pre-construction conditions. Monitoring will then take place to ensure complete restoration.**

If you have any further questions please let us know.

Warm regards,

Kelsey Mills

Environmental Advisor

ENBRIDGE GAS INC.

TEL: 905-927-3145 | CELL: 416-454-9539

kelsey.mills@enbridge.com

101 Honda Blvd. Markham, Ontario L6C 0M6

enbridgegas.com

Safety. Integrity. Respect.

From: Billy & Dana H [REDACTED]**Sent:** Friday, May 1, 2020 3:43 PM**To:** LondonLines <LondonLines@stantec.com>**Subject:** [REDACTED] Comments on London Lines Replacement Project

Hello Rooly,

My name is Dana (nee Wales) H [REDACTED] and I reside at [REDACTED] Glendon Drive on a property owned by [REDACTED]. Our initial comments include but are not limited to the following:

1. With the proposed alternative route we would like to confirm that per your letter all services to [REDACTED] Glendon Drive will be maintained during and after the project is complete.
2. As [REDACTED] Glendon Drive is an active farming operation we would like specific additional details on the decommissioning plans associated with the existing lines and if Union Gas will be lifting their easement across the [REDACTED] property after all decommissioning activities are complete.
3. We would like to know what the anticipated impacts to our active farming operations will be including but not limited to access.
4. As we currently maintain the ditch in the municipal right of way (pick up garbage, cut grass, etc.), please confirm that the ditch will be restored after the new line goes through such that we can continue to maintain the right of way.

Please keep us informed as the project continues.

Sincerely,

Dana H [REDACTED]

CONTACT RECORD

NAME(S):	Malcolm B.	PROJECT NO.:	160951170
		REPRESENTING:	Stantec Consulting Ltd.
TELEPHONE:		DATE/TIME:	5/11/2020
RE:	London Lines Replacement Project (LLRP)	RECORDED BY:	Emily Hartwig

☒ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner (Malcolm B.) called regarding the LLRP ().

On May 11, 2020 Stantec returned the call. The landowner and Stantec discussed the following:

1. Someone was on his farm over the last week or so spraying the ground marking the location of the lines with paint. With his farm being an organic one he is concerned that the paint will impact the status of it being organic. Enbridge to find out who was on the property spraying and we need to figure out if this impacts organic farming, maybe the folks who did the spraying of the paint will know?
2. His preferred route is for the pipeline go along Bentpath Line, up Forest Road to Mossie Line and across East, not cross country across his farm.
3. He does not want pipelines on his property because the existing ones on there now have a very shallow depth of cover (~ 11") and he cannot deep till his land with the pipelines at that depth.
4. He would prefer that the pipelines be removed after harvest to reduce to impact to his crops, but also noted that he would like to be compensated and since organic crops are 3x more expensive he'd like that taken into consideration.

CONTACT RECORD

CONTACT RECORD

NAME(S):	Michael C [REDACTED]	PROJECT NO.:	160951170
		REPRESENTING:	Stantec Consulting Ltd.
TELEPHONE:	[REDACTED]	DATE/TIME:	5/21/2020
RE:	London Lines Replacement Project (LLRP)	RECORDED BY:	Emily Hartwig

☒ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner (Michael C [REDACTED]) called regarding the LLRP ([REDACTED]). Landowner wanted clarification on the scope of the project.

On May 22, 2020 Stantec returned the call. The landowner indicated that they were working and noted they would call Stantec back the following week.

Stantec had follow up conversations with the landowner on May 25 and 26. The landowner is not impacted by any of the routes but saw the project in a newspaper ad. The landowner noted the following concerns and comments:

1. May 26 - concerned with the crossing of the Thames River (sensitive geographic feature at the east end of the study area due to the presence of a Species at Risk and also with respect to the natural environment related to the valley associated with the River. Stantec informed the landowner that the take off point is north of the Thames River and that no crossing of the Thames is needed for this project.
2. May 26 - concerned about the sections that go cross country at the east end of the Study Area, in particular between Komoka Road and Vanneck Road and Amiens Road and Falconbridge Drive. Landowner requested to know if those sections are abandoned, would they be removed? Stantec indicated that the preferred approach would be to abandon in place however if the landowner or a regulatory body requested it be removed, it would be assessed on a case by case basis.
3. May 25 - requested to know if an Environmental Assessment is being completed and under what regulatory authority. Stantec informed the landowner that an Environmental Report is being completed in accordance with OEB Guidelines (2016).
4. May 25 - requested to know how they will know when the Environmental Report is completed so they can review and provide comments to the OEB. Stantec committed to the landowner that they would be added to the mailing list and be informed when the ER is completed and posted on the Project website.

CONTACT RECORD

NAME(S): Todd E [REDACTED]**PROJECT NO.:** 160951170**REPRESENTING:** Stantec Consulting Ltd.**TELEPHONE:** [REDACTED]**DATE/TIME:** 5/1/2020**RE:** London Lines Replacement
Project (LLRP)**RECORDED BY:** Emily Hartwig☒ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner (Todd E [REDACTED]) called regarding the LLRP ([REDACTED]). Landowner wanted to know if the pipeline will be going through their farm or not.

On May 22, Stantec returned the call. No response.

On May 26, Stantec called again. The landowner indicated they live on Amiens Road where one of the alternative routes is located near Glendon drive. The landowner would like to be notified only if the pipeline is to be located on their property. Stantec informed the landowner that the aim is to locate the pipeline within the municipal road allowance, however, should the preferred route be on his property he would be notified by Enbridge. The landowner had no further concerns or questions.

CONTACT RECORD

NAME(S):	Joel B [REDACTED]	PROJECT NO.:	160951170
		REPRESENTING:	Stantec Consulting Ltd.
TELEPHONE:	[REDACTED]	DATE/TIME:	5/22/2020
RE:	London Lines Replacement Project (LLRP)	RECORDED BY:	Emily Hartwig

☒ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner (Joel B [REDACTED]) called regarding the LLRP ([REDACTED]).

On May 22, Stantec returned the call. The landowner indicated that there are two gas pipelines currently on the property. Stantec and the landowner discussed the following:

1. If a different route is selected, will he retain access to natural gas? Stantec responded yes, regardless of the route selected he will maintain gas service.
2. Will the pipeline be abandoned in place? Stantec responded yes, it would be abandoned in place.
3. When the pipeline is abandoned will the life lease for the pipeline right-of-way on his property be removed? Stantec noted that an Enbridge lands agent would be in touch to provide a response.

CONTACT RECORD

NAME(S):	<u>Matt J.</u>	PROJECT NO.:	<u>160951170</u>
		REPRESENTING:	<u>Stantec Consulting Ltd.</u>
TELEPHONE:	<u>[REDACTED]</u>	DATE/TIME:	<u>5/22/2020</u>
RE:	<u>London Lines Replacement Project (LLRP)</u>	RECORDED BY:	<u>Emily Hartwig</u>

☒ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner (Matt J.) called regarding the LLRP [REDACTED].

On May 26, Stantec returned the call. The landowner noted there are no pipelines on his property, but he would like to speak with someone from Enbridge about connecting to natural gas. Stantec forwarded the contact information to Enbridge on May 26, 2020.

CONTACT RECORD

NAME(S): Steve K [REDACTED]**PROJECT NO.:** 160951170**REPRESENTING:** Stantec Consulting Ltd.**TELEPHONE:** [REDACTED]**DATE/TIME:** 5/29/2020**RE:** London Lines Replacement
Project (LLRP)**RECORDED BY:** Emily Hartwig☒ **CALL RECEIVED**☒ **CALL PLACED**☐ **MEETING**

NOTES:

Landowner/Business owner (Steve K [REDACTED]) called regarding the LLRP [REDACTED].

On May 29, Stantec returned the call. The landowner/business owner noted construction concerns (traffic and safety) due to their business operation, [REDACTED]. The landowner noted they would like to discuss connecting to natural gas and noted their preference for construction to occur during the first half of September to avoid the busy tourism season for their business. Stantec provided the 1-866 phone number to discuss Enbridge Gas Inc. connections.