

Enbridge Gas Inc.
Low-Carbon Energy Project
Environmental Report Amendment

Prepared for:

Enbridge Gas Inc.
101 Honda Blvd.
Markham, Ontario
L6C 0M6

Prepared by:

Dillon Consulting Limited
235 Yorkland Blvd., Suite 800
Toronto, Ontario
M2J 4Y8

March 2020



TABLE OF CONTENTS

	<u>Page No.</u>
1.0 INTRODUCTION.....	1
2.0 PROJECT BACKGROUND.....	3
3.0 PROPOSED PROJECT CHANGES.....	4
3.1 Rationale.....	4
3.2 Description of the New Preferred Route.....	4
3.3 Description of Proposed Hydrogen-Blending Facilities.....	4
4.0 STUDY PROCESS AND PROJECT SETTING.....	6
5.0 POTENTIAL IMPACTS AND PROPOSED MITIGATION MEASURES.....	10
5.1 New Preferred Route.....	10
5.2 Proposed Hydrogen-Blending Facilities.....	11
6.0 STAKEHOLDER AND INDIGENOUS CONSULTATION UPDATE.....	23
7.0 CONCLUSIONS.....	24
8.0 REFERENCES.....	25

LIST OF TABLES

Table 1: Potential Construction and Operation Effects, Mitigation Measures, and Net Effects Associated with the Proposed Hydrogen-Blending Facilities.....	12
---	----

LIST OF FIGURES

Figure 1: Proposed Pipeline Routes.....	2
Figure 2: Natural Environment Features.....	7
Figure 3: Socio-Economic Features.....	8
Figure 4: Study Areas.....	9
Figure 5: Mitigation Map.....	21

LIST OF APPENDICES

A	ER Amendment Stakeholder Consultation Log
B	ER Amendment Indigenous Consultation Log

LIST OF ACRONYMS AND ABBREVIATIONS

Dillon	Dillon Consulting Limited
ECA	Environmental Compliance Approval
Enbridge	Enbridge Gas Inc.
HP	high pressure
IP	intermediate pressure
km	kilometre(s)
LTC	Leave-to-Construct
m	metre(s)
MECP	Ontario Ministry of the Environment, Conservation and Parks
N/A	not applicable
NPS	nominal pipe size
OEB	Ontario Energy Board
psig	pounds per square inch gauge
the Project	Low-Carbon Energy Project
TOC	Technology and Operations Centre

1.0 INTRODUCTION

Enbridge Gas Inc. (Enbridge) retained Dillon Consulting Limited (Dillon) to undertake a route selection and environmental and socio-economic impact study and report (Environmental Report) for the proposed Low-Carbon Energy Project (the Project).

The Environmental Report (Dillon, 2019a) for the Project was completed in May 2019. Following completion of the Environmental Report, Enbridge provided additional information regarding the Project in two Addendums. Addendum #1 (Dillon, 2019b) was completed in September 2019 and addressed comments from the Toronto and Region Conservation Authority. Addendum #2 (Dillon, 2019c) was completed in December 2019 and provided updated Project mapping depicting only Phase 1 of the Project, as Phase 2 was removed from the Project scope. Enbridge filed a Leave-to-Construct (LTC) application for the Project with the Ontario Energy Board (OEB) on December 20, 2019.

Since the completion of the Environmental Report and the Addendums (Dillon, 2019a; 2019b; 2019c), Enbridge has made changes to the scope of the Project that require additional study and review. This report constitutes an Amendment to the Environmental Report (Amendment #1) and provides the results of Dillon's review of Enbridge's proposed changes to the Project. These proposed Project changes include:

- The selection of the Phase 1 Alternative Route as the Preferred Route; and,
- The addition of three small facilities on Enbridge-owned property into the Environmental Report scope.

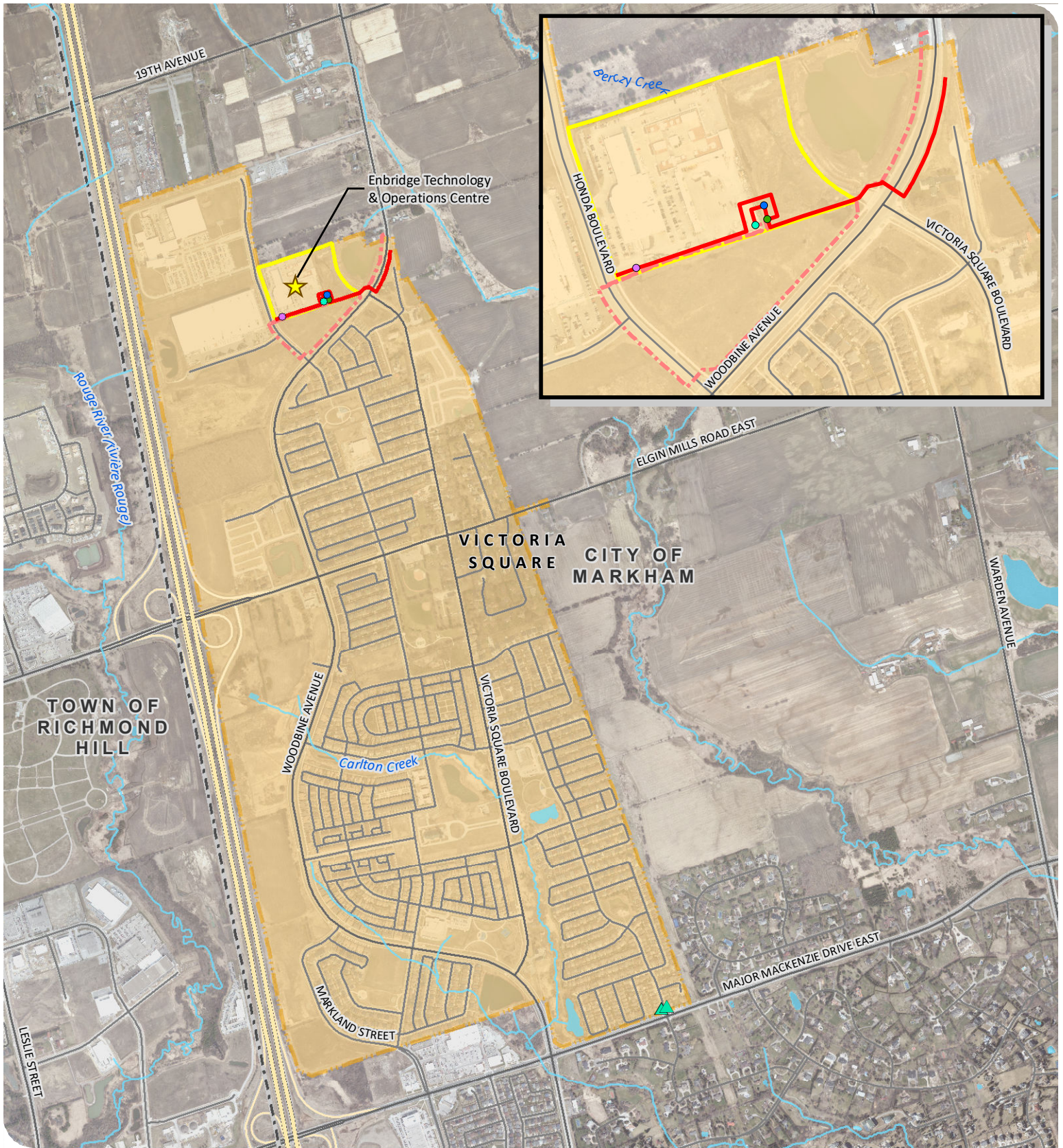
The proposed Project changes are illustrated on Figure 1 and are described in further detail in Section 3.

The objective of this Amendment is to determine if there are any additional potential environmental or socio-economic impacts as a result of the proposed changes that were not captured in the assessment already provided in the Environmental Report.

Stakeholder consultation and Indigenous engagement continue to be key components of the study. This Amendment was shared with interested parties to identify any issues and concerns related to the proposed Project changes. Following the provision of this Amendment, interested parties were invited to provide comments, questions, or concerns to the Project Team within a 30-day period. This feedback was documented and is included in the consultation logs provided in Appendix A and Appendix B (see Section 6 for further details).

This Amendment is to be read in conjunction with the Environmental Report and the Addendums (Dillon, 2019a; 2019b; 2019c). Information from the Environmental Report and the Addendums is not repeated in this Amendment, except where required to provide context.

The Environmental Report and the Addendums are available for review by interested stakeholders on the Enbridge Project website at <<https://www.enbridgegas.com/about-us>>. Click on the "Projects" tab and select "Low-Carbon Energy Project".



ENBRIDGE GAS INC.
LOW-CARBON ENERGY PROJECT

PROPOSED PIPELINE ROUTES
FIGURE 1



- ▲ Phase 1 Disconnect / Reconnect Location
- Existing Hydrogen Tanks
- Proposed District Station
- Proposed Hydrogen Blending Station
- Proposed Hydrogen Station
- New Preferred Route
- Previously Identified Phase 1 Preferred Route
- Phase 1 Blended Gas Distribution Area
- Enbridge Property
- Watercourse
- Waterbody
- Municipal Boundary



MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR, YORK REGION
MAP CREATED BY: LK
MAP CHECKED BY: AL
MAP PROJECTION: NAD 1983 UTM Zone 17N
FILE LOCATION: I:\GIS\189005 - Enbridge

SCALE 1:20,000

PROJECT: 18-9005 STATUS: DRAFT DATE: 2020-02-12

2.0 PROJECT BACKGROUND

The Project was initially proposed as a two-phase installation of approximately 6.7 kilometres (km) of natural gas pipeline in the City of Markham. Addendum #2 to the Environmental Report resulted in the removal of Phase 2 from the Project scope. As such, the Project scope was reduced to Phase 1 only, which would involve the installation of approximately 1.3 km of nominal pipe size (NPS) 6-inch and NPS 8-inch pipe, primarily along Woodbine Avenue and Honda Boulevard, ending at Enbridge's Technology and Operations Centre (see Figure 1).

The objective of the Project is to blend a small amount of hydrogen gas (up to 2% by volume) into a small, carefully selected portion of Enbridge's existing natural gas network in order to reduce greenhouse gas emissions. An affiliate of Enbridge Gas Inc. operates a Power-to-Gas facility at the Technology and Operations Centre, which uses surplus electricity to 'split' water molecules into hydrogen and oxygen using electrolyzer technology. The hydrogen gas would be injected into the existing natural gas network and blended gas would be distributed to the Victoria Square neighbourhood, as illustrated on Figure 1.

The Environmental Report (Dillon, 2019a) was completed by Dillon in May 2019 and conforms to the OEB Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016).

The Environmental Report involved undertaking an inventory of physical, natural and socio-economic features within identified Study Areas (see Section 3, Physical, Natural and Socio-Economic Environment Setting in the Environmental Report). Potential alternative routes were identified and then evaluated against one another to select Preferred Routes for each Project Phase. The route selection evaluation process is detailed in Section 5 of the Environmental Report. Public involvement played an important role in this process.

In accordance with the OEB Guidelines, Enbridge carried out a comprehensive stakeholder consultation program to consult and communicate with federal, provincial, and municipal government agencies, Indigenous communities, directly and indirectly affected landowners, residents, and interested members of the public. The stakeholder consultation program methods and results are detailed in Section 4 of the Environmental Report.

Potential environmental and socio-economic impacts and associated mitigation measures are detailed in Section 6 of the Environmental Report. Mitigation measures were recommended to avoid or reduce potential negative impacts to environmental and socio-economic features. Based on the original Project scope and the adoption of mitigation measures recommended in the Environmental Report, Dillon did not predict any long-term impacts from the construction and operation of the Project.

Following the completion of the Environmental Report in May 2019, Enbridge has revised the scope of the Project as detailed in Section 3.

3.0 PROPOSED PROJECT CHANGES

Enbridge is no longer proposing to construct the Phase 1 Preferred Route identified in the Environmental Report. A slight variation of the Phase 1 Alternative Route has now been identified as the Preferred Route (see Figure 1).

3.1 RATIONALE

The following provides the rationale for the proposed Project changes. Enbridge has identified these proposed changes as a result of the ongoing detailed engineering design process, the acquisition of new land adjacent to Enbridge's existing Technology and Operations Centre (TOC) property at 101 Honda Boulevard, and stakeholder consultation.

Proceeding with the Phase 1 Preferred Route as described in the Environmental Report would have resulted in added congestion within the TOC Operations Compound, with added safety concerns. The Operations Compound currently has live traffic from operational vehicles, and it houses the Power-to-Gas facilities, the refuelling facilities for compressed natural gas vehicles, and an inventory of materials to support raw material for operations, which are accessed multiple times per day. As part of the long-term plan for the TOC, Enbridge recently acquired new land adjacent to the TOC property, which will now better accommodate the hydrogen-blending facilities required for the Project.

At the Project open houses held in 2019, concerns were raised regarding disruptions to the community due to construction along Woodbine Avenue, including traffic congestion, noise, dust, and accessibility. The new Preferred Route addresses construction concerns, as it results in a reduced duration of construction on Woodbine Avenue, thereby reducing effects such as traffic disruptions dust, and noise. In addition, selecting the new Preferred Route would further add efficiencies to the Project as it would reduce the length of the pipe needed by approximately 40%, resulting in a reduced cost for the Project. Hosting the facilities in the new location also enhances safety at the current site as it reduces the impact of construction and has the added benefit of eliminating the need for construction on Honda Boulevard.

3.2 DESCRIPTION OF THE NEW PREFERRED ROUTE

The new Preferred Route would consist of the installation of approximately 755 metres (m) of new pipeline, including approximately 25 m of NPS 8-inch intermediate pressure (IP) plastic pipe, 380 m of NPS 6-inch extra high pressure (HP) steel pipe, and 350 m of NPS 6-inch HP steel pipe.

The new Preferred Route would begin at a tie-in point along an existing Enbridge pipeline located on the east side of Woodbine Avenue, approximately 300 m northeast of the Enbridge Technology and Operations Centre. It would travel south to the intersection of Woodbine Avenue and Victoria Square Boulevard where it would then turn west and cross under Woodbine Avenue and continue along the southern edge of the Enbridge property at 101 Honda Boulevard. The pipeline would be connected to the proposed hydrogen-blending facilities on the Enbridge property and would continue west to Honda Boulevard where it would tie into another existing Enbridge pipeline (see Figure 1).

3.3 DESCRIPTION OF PROPOSED HYDROGEN-BLENDING FACILITIES

The facilities described here are a component of the current LTC application to the OEB that was submitted in December 2020, however, they were not within the scope of the Environmental Report at that time. Their new proposed location has resulted in them being added to the scope of the Environmental Report, and thus they are being assessed in this Amendment.

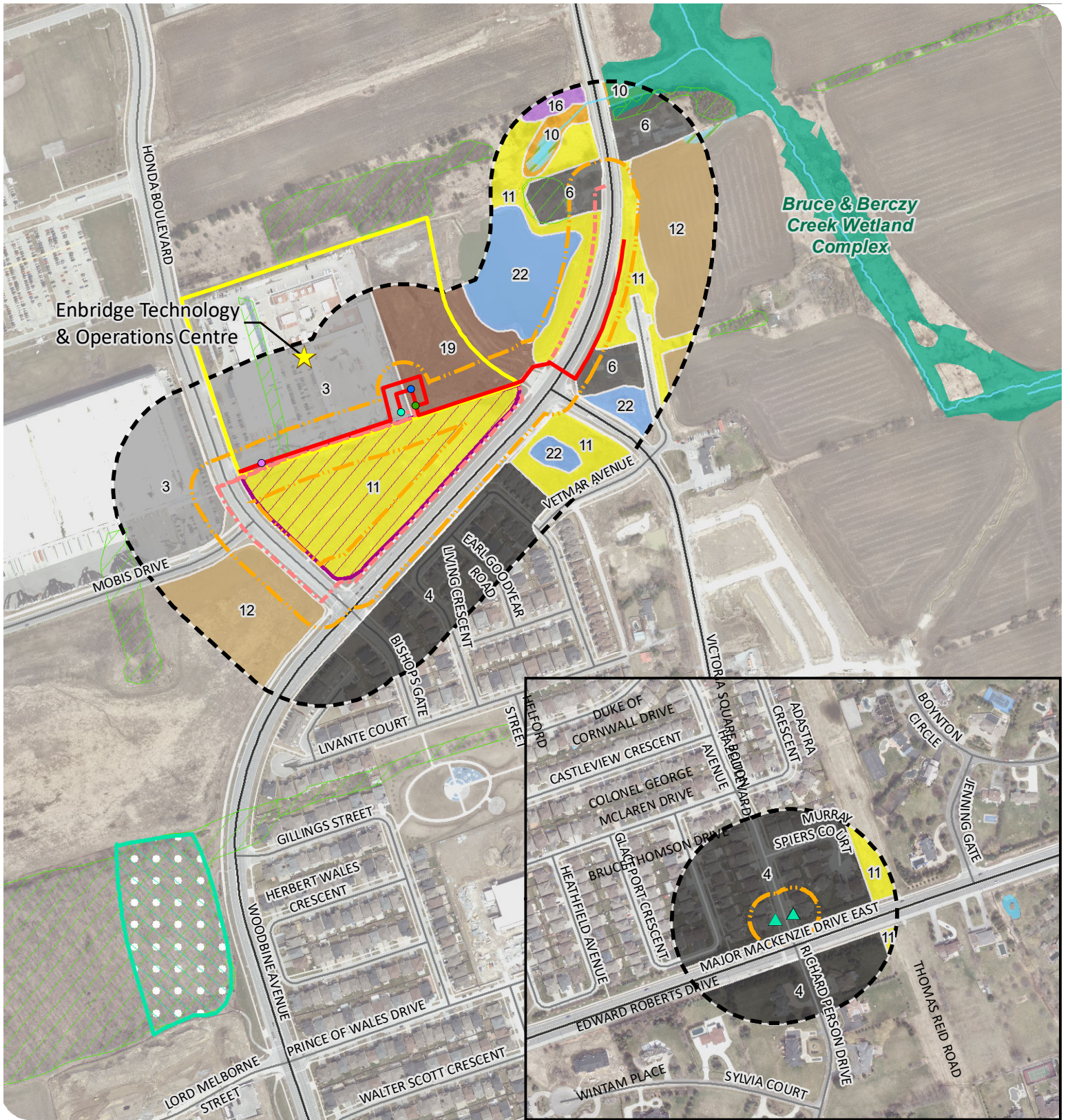
The proposed Hydrogen Station and Hydrogen Blending Station, as well as a Remote Terminal Unit (RTU) building, will be located on a concrete pad within a fenced and gravelled compound on Enbridge's existing property at 101 Honda Boulevard. The purpose of this facility is to regulate the pressures of the natural gas and hydrogen prior to mixing and controlling the amount of hydrogen that is injected based on the measured flow of natural gas. The fenced compound will measure approximately 13 m × 25 m and the maximum height of the buildings will be 3.5 m.

The proposed District Station will also be located on Enbridge's existing property at 101 Honda Boulevard and will be nested inside an aluminum box measuring approximately 2 m × 2 m × 2 m. The purpose of the District Station is to reduce the gas pressure from the HP (175 psig) steel pipeline to the IP (55 psig) plastic pipeline for distribution.

4.0 STUDY PROCESS AND PROJECT SETTING

Section 2 of the Environmental Report describes the study methods used in the Environmental Report, as well as the objectives and methods of stakeholder and Indigenous consultation. The same methods are applied in this Amendment.

Section 3 of the Environmental Report describes the environmental and socio-economic setting of the Project. There is no change to the setting information as a result of the proposed Project changes described in this Amendment, as the location of the Project remains the same (see Figure 2 and Figure 3 for mapped natural environment and socio-economic features, respectively). The footprint of the new Preferred Route and proposed hydrogen-blending facilities was covered by desktop and field studies conducted for the Environmental Report. Similarly, the Study Area identified for the Project (120 m buffer on each side of the proposed route for a total width of 240 m) remains the same as identified in the Environmental Report (see Figure 4).



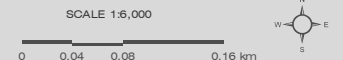
ENBRIDGE GAS INC.
LOW-CARBON ENERGY PROJECT

NATURAL ENVIRONMENT FEATURES
FIGURE 2

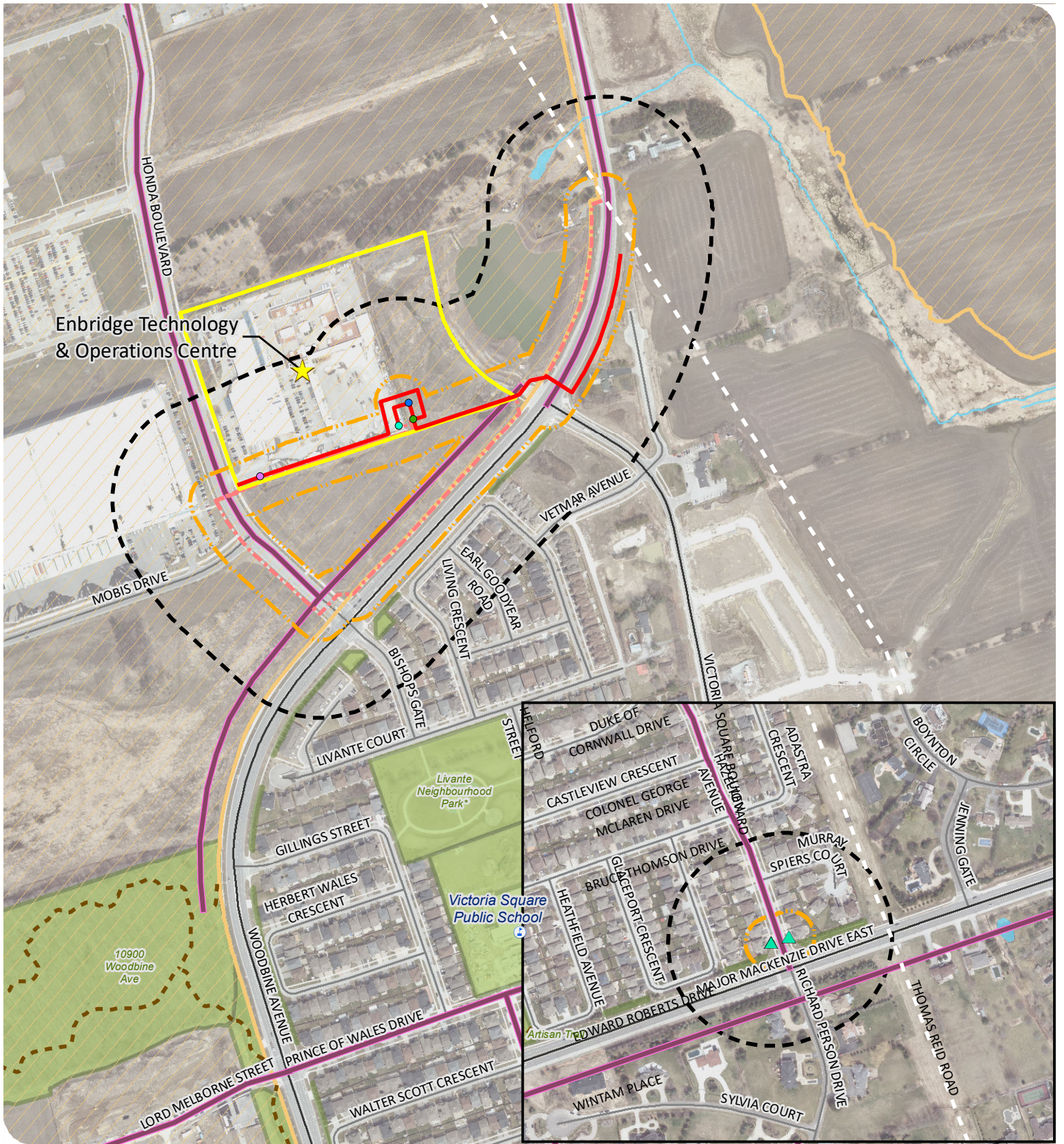
- | | | | |
|--|--|--|---|
| <ul style="list-style-type: none"> ▲ Disconnect / Reconnect Location ● Existing Hydrogen Tanks ● Proposed District Station ● Proposed Hydrogen Blending Station ● Proposed Hydrogen Station — New Preferred Route — Previously Identified Phase 1 Preferred Route Project Study Area (120 m) | <ul style="list-style-type: none"> Project Footprint (30 m) Enbridge Property Watercourse Waterbody Unevaluated Wetland Provincially Significant Wetland Wooded Area (MNRF) Candidate Habitat Species of Conservation Concern | <ul style="list-style-type: none"> Candidate SAR Bat Habitat and Significant Wildlife for Bat Maternity Colonies Potential Grassland Breeding Bird Habitat <p>Ecological Land Classification</p> <ul style="list-style-type: none"> 3. CVC: Commercial and Institutional 4. CVR_1: Low Density Residential 6. CVR_4: Rural Property 10. MAM: Meadow Marsh | <ul style="list-style-type: none"> 11. MEM: Mixed Meadow 12. OAGM1: Annual Row Crop 16. THD: Deciduous Thicket 19. Disturbed Ground 22. Stormwater Management Facility |
|--|--|--|---|



MAP DRAWING INFORMATION:
DATA PROVIDED BY MNRF, YORK REGION
MAP CREATED BY: LK
MAP CHECKED BY: AL
MAP PROJECTION: NAD 1983 UTM Zone 17N
FILE LOCATION: I:\GIS\189005 - Enbridge



PROJECT: 18-9005 STATUS: DRAFT DATE: 2020-02-12



ENBRIDGE GAS INC.

LOW-CARBON ENERGY PROJECT

SOCIO-ECONOMIC FEATURES

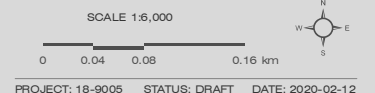
FIGURE 3

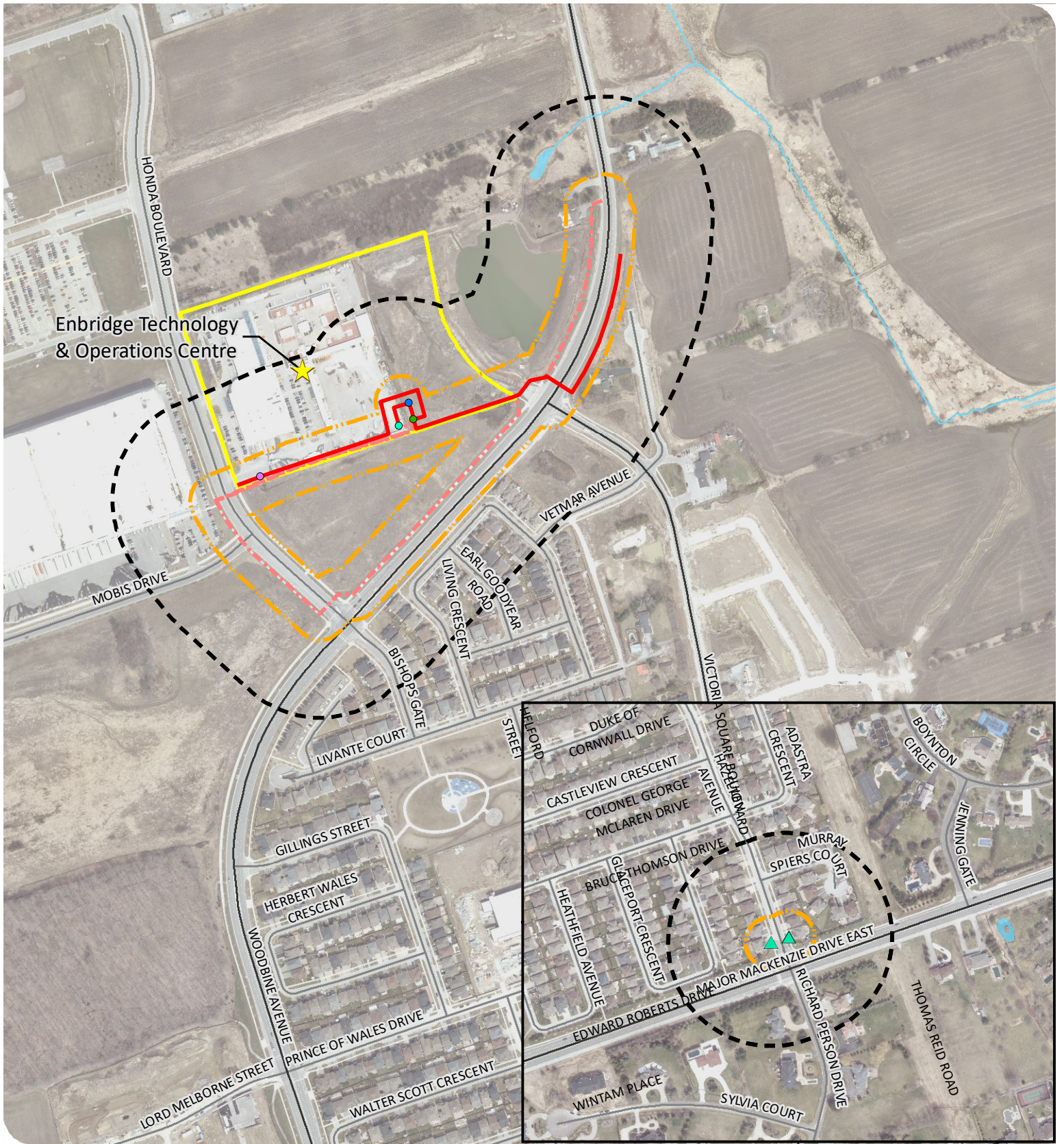


- | | | | |
|------------------------------------|---|----------------------|---------------|
| Disconnect / Reconnect Location | New Preferred Route | Watercourse | Bicycle Route |
| Existing Hydrogen Tanks | Previously Identified Phase 1 Preferred Route | Waterbody | Business Park |
| Proposed District Station | Project Study Area (120 m) | Educational Facility | Park |
| Proposed Hydrogen Blending Station | Project Footprint (30 m) | Hydro Line | |
| Proposed Hydrogen Station | Enbridge Property | Trail | |



MAP DRAWING INFORMATION:
 DATA PROVIDED BY: MNR/F, YORK REGION
 MAP CREATED BY: LK
 MAP CHECKED BY: AL
 MAP PROJECTION: NAD 1983 UTM Zone 17N
 FILE LOCATION: I:\GIS\189005 - Enbridge





ENBRIDGE GAS INC.
LOW-CARBON ENERGY PROJECT

STUDY AREAS
FIGURE 4



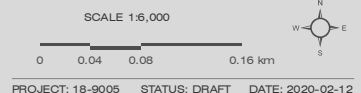
- ▲ Disconnect / Reconnect Location
- Existing Hydrogen Tanks
- Proposed District Station
- Proposed Hydrogen Blending Station

- Proposed Hydrogen Station
- New Preferred Route
- - - Previously Identified Phase 1 Preferred Route
- Project Study Area (120 m)

- Project Footprint (30 m)
- Enbridge Property
- Watercourse
- Waterbody



MAP DRAWING INFORMATION:
DATA PROVIDED BY MNRFP, YORK REGION
MAP CREATED BY: LK
MAP CHECKED BY: AL
MAP PROJECTION: NAD 1983 UTM Zone 17N
FILE LOCATION: I:\GIS\189005 - Enbridge



5.0 POTENTIAL IMPACTS AND PROPOSED MITIGATION MEASURES

Section 6 of the Environmental Report includes a detailed mitigation strategy based on potential impacts of the Project. This Amendment assesses the potential for previously unassessed/new impacts as a result of the proposed Project changes, and, where necessary, recommends additional mitigation measures. Select mitigation measures are illustrated on Figure 5.

This Amendment also considers potential changes in cumulative effects. Proposed developments within 1 km of the Project are listed in Section 7.3 of the Environmental Report, and additional developments identified by the Toronto and Region Conservation Authority are listed in Addendum #1. These proposed developments were reviewed to identify any potential changes to cumulative Project interactions as a result of the proposed Project changes.

5.1 NEW PREFERRED ROUTE

Since the new Preferred Route was previously evaluated as the Phase 1 Alternative Route in the Environmental Report, a new effects assessment is not deemed warranted and, instead, a comparison of constraints between the previously identified Phase 1 Preferred Route and the new Preferred Route is provided in the following subsections.

Considering the criteria used to evaluate the Phase 1 Preferred and Alternative Routes in Section 5 of the Environmental Report, there are few differences between the proposed changes in this Amendment relative to the original Project scope included in the Environmental Report.

BIOPHYSICAL CONSTRAINTS

There are no previously unidentified biophysical constraints associated with the new Preferred Route.

Neither the previously identified Phase 1 Preferred Route, nor the new Preferred Route, cross any waterbodies, watercourses, wetlands/wetland complexes, Special Policy Areas (i.e., Greenbelt), or Areas of Natural or Scientific Interest.

The new Preferred Route is located entirely within municipal road rights-of-way and on previously disturbed land owned by Enbridge.

SOCIO-ECONOMIC CONSTRAINTS

There are no previously unidentified socio-economic constraints associated with the new Preferred Route.

The new Preferred Route will have fewer impacts on the neighbourhood/residences to the south of Woodbine Avenue, as it crosses to the west side of Woodbine Avenue just north of Victoria Square Boulevard, before the commencement of the housing subdivisions. In comparison, the previously identified Phase 1 Preferred Route would have run parallel to Woodbine Avenue from the north tie-in point southwest to Honda Boulevard and would have resulted in a larger footprint adjacent to the residential area.

TECHNICAL CONSTRAINTS

There are no previously unidentified technical constraints associated with the new Preferred Route.

The new Preferred Route has a shorter overall length (approximately 755 m as opposed to 1.3 km) and has only one road crossing (in comparison to three crossings associated with the previously identified Phase 1 Preferred Route).

SUMMARY

The new Preferred Route does not result in any material change to the biophysical, socio-economic, or technical constraints considered in the Environmental Report. There are minor advantages to the new Preferred Route over the previously identified Phase 1 Preferred Route including lesser impact on nearby residences (south of Woodbine Avenue), shorter overall length, and fewer road crossings.

The assessment of potential Project effects, cumulative effects, and recommended mitigation measures presented in the Environmental Report in regard to the Phase 1 Preferred Route remains unchanged as a result of the new Preferred Route. Consequently, no additional mitigation measures beyond those recommended in the Environmental Report are required.

5.2 PROPOSED HYDROGEN-BLENDING FACILITIES

As noted in Section 3, the proposed hydrogen-blending facilities will be located entirely within Enbridge's property at 101 Honda Boulevard on previously disturbed land.

Given the setting of the proposed hydrogen-blending facilities in relation to the previously evaluated Phase 1 Preferred and Alternative Routes, there are no additional constraints (biophysical, socio-economic, or technical) anticipated as a result of the proposed hydrogen-blending facilities, as they are located within the Study Area that was reviewed and assessed in the Environmental Report.

Enbridge will be applying for an Environmental Compliance Approval (ECA) from the Ontario Ministry of the Environment, Conservation and Parks (MECP) that will permit air and noise emissions associated with the proposed hydrogen-blending facilities. As part of the ECA application to MECP, Enbridge will complete all necessary studies to determine the potential impact of the air and noise emissions from the proposed hydrogen-blending facilities.

The following subsections provide an assessment of potential effects and cumulative effects associated with the proposed hydrogen-blending facilities, and recommends additional mitigation measures, where necessary.

POTENTIAL IMPACTS AND PROPOSED MITIGATION MEASURES

Table 1 provides the assessment of potential impacts associated with the proposed hydrogen-blending facilities on the physical, natural, and socio-economic environment, as well as recommended mitigation measures.

The assessment provided in Table 1 was only conducted for the proposed hydrogen-blending facilities described in this Amendment that were not previously evaluated in the Environmental Report. Effects and mitigation measures considered in the Environmental Report are not repeated below.

The proposed hydrogen-blending facilities do not result in a change to the effects assessment for most of the components; however, new potential interactions have been identified for the Physiography, Topography, and Surficial Geology; Atmospheric Environment; Noise; and Access Modifications and Restrictions components.

Table 1: Potential Construction and Operation Effects, Mitigation Measures, and Net Effects Associated with the Proposed Hydrogen-Blending Facilities

Component	Potential Construction and Operation Effects	Mitigation Measures	Potential Net Effects
PHYSICAL ENVIRONMENT			
<p>Physiography, Topography, and Surficial Geology</p>	<p>Construction The topography at the proposed facility sites is generally level and no unique physical features are present. The footprint of the proposed hydrogen-blending facilities will be graded, if required, and the facilities will be constructed on concrete pads. The area within the fenced compound will be gravelled. There is potential for a minor, localized change in topography as a result of grading and the installation of permanent components that may alter natural surface drainage patterns.</p> <p>Operation No effects on physiography, topography, and surficial geology are anticipated during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> • Pre-construction contours and drainage patterns should be re-established around the facilities, to the extent feasible, following construction. • Maintain site drainage during all phases of construction. Ensure construction activities do not cause the ponding of water or unintentional channelization of surface water flow. • Following the completion of construction activities, regrade areas with vehicle ruts or erosion gullies if required. 	<p>No significant net effect is anticipated following implementation of the recommended mitigation measures.</p>
<p>Groundwater</p>	<p>Construction The proposed hydrogen-blending facilities will be located above-ground and no interaction with groundwater is anticipated during construction.</p> <p>Operation No effects on groundwater are anticipated during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> • No additional mitigation measures are required. 	<p>Not applicable (N/A) – no new potential effects are anticipated.</p>
<p>Bedrock</p>	<p>Construction The proposed hydrogen-blending facilities will be located above-ground and no interaction with bedrock is anticipated during construction.</p> <p>Operation No effects on bedrock are anticipated during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> • No additional mitigation measures are required. 	<p>N/A – no new potential effects are anticipated.</p>

Table 1: Potential Construction and Operation Effects, Mitigation Measures, and Net Effects Associated with the Proposed Hydrogen-Blending Facilities

Component	Potential Construction and Operation Effects	Mitigation Measures	Potential Net Effects
Seismicity	<p>Construction No effects of seismic activity are anticipated during construction of the proposed hydrogen-blending facilities.</p> <p>Operation Impacts to the proposed hydrogen-blending facilities as a result of seismic activity are not anticipated at this time. The facilities will be designed in accordance with low to moderate levels of seismicity and comply with Canadian Geological Survey data and National Building Code minimum standards.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	N/A – no new potential effects are anticipated.
NATURAL ENVIRONMENT			
Atmospheric Environment	<p>Construction Effects on the atmospheric environment from construction were previously assessed in the Environmental Report and no new interactions have been identified as a result of the proposed hydrogen-blending facilities.</p> <p>Operation There will be venting of natural gas for token relief at the proposed hydrogen-blending facilities during operations. Details on the venting will be provided in Enbridge's ECA permit application to MECP.</p>	<ul style="list-style-type: none"> For construction, no additional mitigation measures are recommended beyond the measures provided in the Environmental Report. During operations, implement requirements/conditions of the ECA permit from MECP. 	No significant net effect is anticipated following implementation of the recommended mitigation measures.
Wetlands	<p>Construction There are no wetlands located within 30 m of the proposed hydrogen-blending facilities and no interaction with wetlands is anticipated during construction.</p> <p>Operation No effects on wetlands are anticipated during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	N/A – no new potential effects are anticipated.

Table 1: Potential Construction and Operation Effects, Mitigation Measures, and Net Effects Associated with the Proposed Hydrogen-Blending Facilities

Component	Potential Construction and Operation Effects	Mitigation Measures	Potential Net Effects
Surface Water, Fish and Aquatic Habitat	<p>Construction There are no watercourses located within 30 m of the proposed hydrogen-blending facilities and no interaction with surface water, fish, and aquatic habitat is anticipated during construction.</p> <p>Operation No effects on surface water, fish, and aquatic habitat are anticipated during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	N/A – no new potential effects are anticipated.
Terrestrial Habitat and Vegetation	<p>Construction The proposed hydrogen-blending facilities will be constructed on previously disturbed land adjacent to manicured lawns, sidewalks, and major roads (Woodbine Avenue and Honda Boulevard). Vegetation encountered will consist of common roadside vegetation of minor ecological value (vegetation capable of colonizing new roadside edges). Effects on terrestrial habitat and vegetation were previously assessed in the Environmental Report and no new interactions have been identified as a result of the proposed hydrogen-blending facilities.</p> <p>Operation No effects on terrestrial habitat and vegetation are anticipated during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	N/A – no new potential effects are anticipated.
Wildlife, Significant Wildlife Habitat and Species at Risk	<p>Construction No effects on wildlife, significant wildlife habitat, and species at risk are anticipated during construction of the proposed hydrogen-blending facilities.</p> <p>Operation No effects on wildlife, significant wildlife habitat, and species at risk are anticipated during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	N/A – no new potential effects are anticipated.

Table 1: Potential Construction and Operation Effects, Mitigation Measures, and Net Effects Associated with the Proposed Hydrogen-Blending Facilities

Component	Potential Construction and Operation Effects	Mitigation Measures	Potential Net Effects
Agriculture and Soils	<p>Construction The proposed hydrogen-blending facilities will be constructed on previously disturbed land adjacent to manicured lawns, sidewalks, and major roads (Woodbine Avenue and Honda Boulevard). Topsoil will be removed within the footprint of the facilities to accommodate site preparation and installation of the concrete pad. No interaction with agricultural soils is anticipated during construction.</p> <p>Operation No effects on agriculture and soils are anticipated during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	N/A – no new potential effects are anticipated.
SOCIO-ECONOMIC ENVIRONMENT			
Noise	<p>Construction Construction activities have the potential to disturb residents south of Woodbine Avenue in the Victoria Square neighbourhood. Construction-related noise effects are expected to be minor, temporary, and localized, particularly given the existing acoustic environment which includes regular traffic noise on Woodbine Avenue.</p> <p>Operation There may be some noise from the facilities during operations, however, this will be permitted through the MECP ECA process.</p>	<ul style="list-style-type: none"> For construction, no additional mitigation measures are recommended beyond the measures provided in the Environmental Report. During operations, implement requirements/conditions of the ECA permit from MECP. 	No significant net effect is anticipated following implementation of the recommended mitigation measures.
Access Modifications and Restrictions	<p>Construction The proposed hydrogen-blending facilities will be constructed on previously disturbed land owned by Enbridge, however, there is the potential that construction of the District Station may require some workspace that extends into the sidewalk along Honda Boulevard, temporarily disrupting pedestrian traffic. Access restrictions on road traffic are not anticipated.</p> <p>Operation No effects on access will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are recommended beyond the measures provided in the Environmental Report. 	No significant net effect is anticipated following implementation of the recommended mitigation measures.

Table 1: Potential Construction and Operation Effects, Mitigation Measures, and Net Effects Associated with the Proposed Hydrogen-Blending Facilities

Component	Potential Construction and Operation Effects	Mitigation Measures	Potential Net Effects
<p>Traffic Disruption</p>	<p>Construction Effects on traffic as a result of construction were previously assessed in the Environmental Report, and no new interactions have been identified as a result of the proposed hydrogen-blending facilities.</p> <p>Operation No effects on traffic will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> • No additional mitigation measures are required. 	<p>N/A – no new potential effects are anticipated.</p>
<p>Vibration</p>	<p>Construction Effects of vibration during construction were previously assessed in the Environmental Report, and no new interactions have been identified as a result of the proposed hydrogen-blending facilities.</p> <p>Operation No effects of vibration will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> • No additional mitigation measures are required. 	<p>N/A – no new potential effects are anticipated.</p>
<p>Construction Waste</p>	<p>Construction Effects of construction wastes were previously assessed in the Environmental Report, and no new interactions have been identified as a result of the proposed hydrogen-blending facilities.</p> <p>Operation No effects of construction waste will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> • No additional mitigation measures are required. 	<p>N/A – no new potential effects are anticipated.</p>

Table 1: Potential Construction and Operation Effects, Mitigation Measures, and Net Effects Associated with the Proposed Hydrogen-Blending Facilities

Component	Potential Construction and Operation Effects	Mitigation Measures	Potential Net Effects
Bentonite Slurry	<p>Construction Bentonite slurry is generated during trenchless pipeline construction and, therefore, will not be generated during facility construction.</p> <p>Operation No effects of bentonite slurry will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	N/A – no new potential effects are anticipated.
Hydrostatic Test Water	<p>Construction Hydrostatic test water is not required for construction of the proposed hydrogen-blending facilities.</p> <p>Operation No effects of hydrostatic test water will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	N/A – no new potential effects are anticipated.
Aesthetics	<p>Construction Effects on aesthetics as a result of construction were previously assessed in the Environmental Report, and no new interactions have been identified as a result of the proposed hydrogen-blending facilities.</p> <p>Operation The proposed hydrogen-blending facilities will be permanent and will alter the current aesthetics of the area; however, in the context of the existing setting, including the existing Enbridge and Mobis Parts Canada buildings, and the presence of Woodbine Avenue, a busy thorough-fare immediately adjacent to the property, the change in aesthetics is anticipated to be minor.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	No significant net effect is anticipated.

Table 1: Potential Construction and Operation Effects, Mitigation Measures, and Net Effects Associated with the Proposed Hydrogen-Blending Facilities

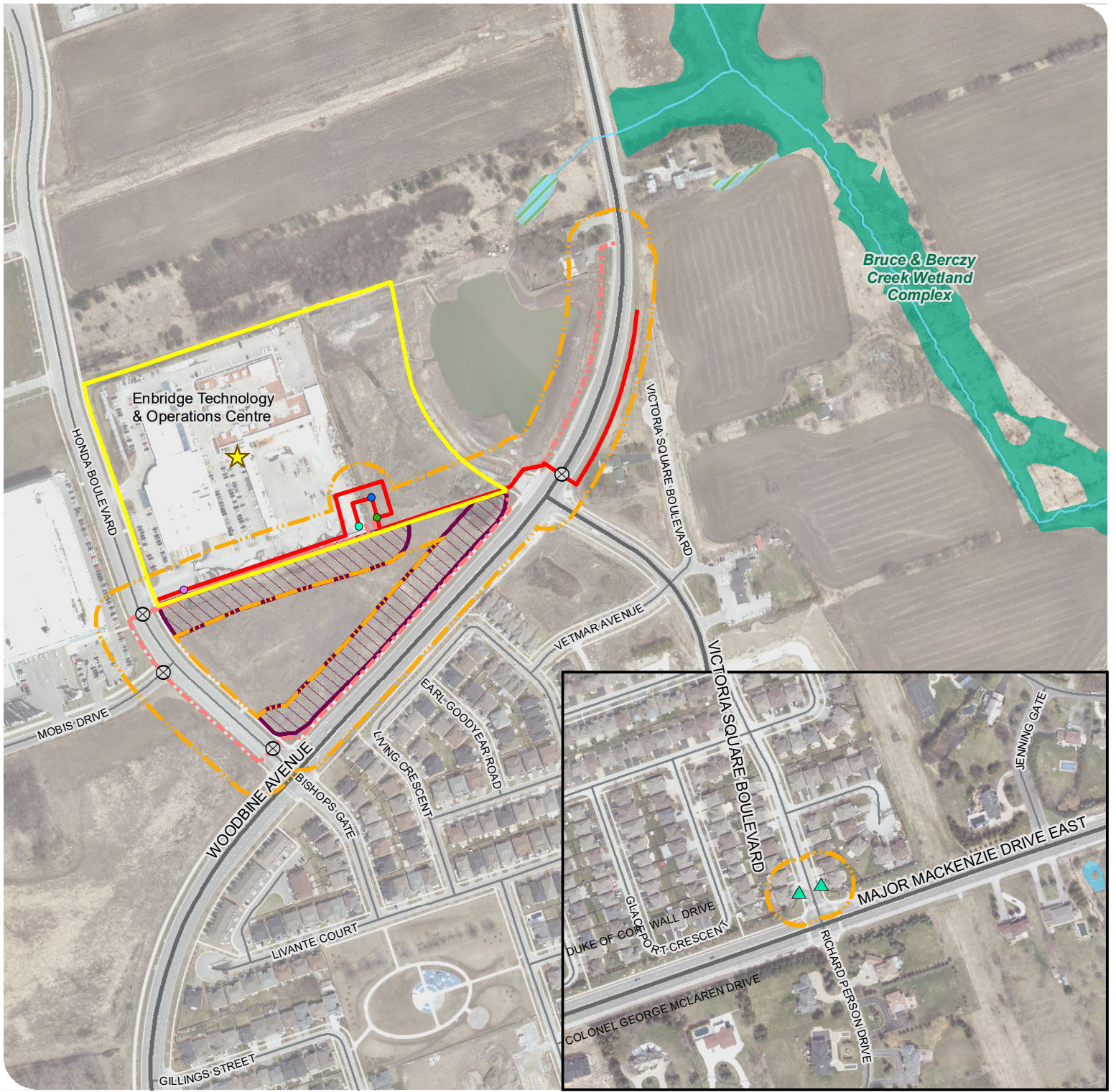
Component	Potential Construction and Operation Effects	Mitigation Measures	Potential Net Effects
Existing and Planned Land Use	<p>Construction The proposed hydrogen-blending facilities will be constructed on previously disturbed land owned by Enbridge. As such, there will be no effects on existing and planned land use at the proposed facility locations.</p> <p>Operation No effects on existing and planned land use will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	N/A – no new potential effects are anticipated.
Existing Linear Infrastructure Corridors and Other Infrastructure	<p>Construction The proposed hydrogen-blending facilities will be constructed on previously disturbed land owned by Enbridge that is currently vacant. No interaction with existing linear infrastructure corridors and other infrastructure is anticipated.</p> <p>Operation No effects on existing linear infrastructure corridors and other infrastructure will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	N/A – no new potential effects are anticipated.
Population and Demographics	<p>Construction No effects on population and demographics will occur during construction of the proposed hydrogen-blending facilities.</p> <p>Operation No effects on population and demographics will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	N/A – no new potential effects are anticipated.
Economic Activities, Employment and Labour Force	<p>Construction Effects on economic activities, employment, and labour force as a result of construction were previously assessed in the Environmental Report, and no new interactions have been identified as a result of the proposed hydrogen-blending facilities.</p> <p>Operation No effects on economic activities, employment and labour force will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	N/A – no new potential effects are anticipated.

Table 1: Potential Construction and Operation Effects, Mitigation Measures, and Net Effects Associated with the Proposed Hydrogen-Blending Facilities

Component	Potential Construction and Operation Effects	Mitigation Measures	Potential Net Effects
<p>Tourism and Recreation</p> <p>Indigenous Communities</p>	<p>Construction The proposed hydrogen-blending facilities will be constructed on previously disturbed land owned by Enbridge. No interaction with tourism and recreation is anticipated.</p> <p>Operation No effects on tourism and recreation will occur during operation of the proposed hydrogen-blending facilities.</p> <p>Construction The proposed hydrogen-blending facilities will be constructed on previously disturbed land owned by Enbridge. No interaction with Indigenous communities is anticipated.</p> <p>Operation No effects on Indigenous communities will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. No additional mitigation measures are required. 	<p>N/A – no new potential effects are anticipated.</p> <p>N/A – no new potential effects are anticipated.</p>
<p>Archaeological and Heritage Resources</p>	<p>Construction The Stage 1 Archaeological Assessment conducted for the Project concluded that the Phase 1 Study Area be considered free of archaeological concern and no further assessment was recommended. As such, no interaction with archaeological and heritage resources is anticipated during construction.</p> <p>Operation No effects on archaeological and heritage resources will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	<p>N/A – no new potential effects are anticipated.</p>
<p>Community Services</p>	<p>Construction No effects on community services will occur during construction of the proposed hydrogen-blending facilities.</p> <p>Operation No effects on community services will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> No additional mitigation measures are required. 	<p>N/A – no new potential effects are anticipated.</p>

Table 1: Potential Construction and Operation Effects, Mitigation Measures, and Net Effects Associated with the Proposed Hydrogen-Blending Facilities

Component	Potential Construction and Operation Effects	Mitigation Measures	Potential Net Effects
Contaminated Sites	<p>Construction There is limited potential to encounter contaminated sites during construction. Effects of contaminated sites discovered during construction were previously assessed in the Environmental Report, and no new interactions have been identified as a result of the proposed hydrogen-blending facilities.</p> <p>Operation No effects of contaminated sites will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> • No additional mitigation measures are required. 	<p>N/A – no new potential effects are anticipated.</p>
Planning Policies	<p>Construction The Project will need to conform to applicable provincial and municipal planning policies. No new interactions have been identified as a result of the proposed hydrogen-blending facilities</p> <p>Operation No effects on planning policies will occur during operation of the proposed hydrogen-blending facilities.</p>	<ul style="list-style-type: none"> • No additional mitigation measures are required. 	<p>N/A – no new potential effects are anticipated.</p>



⊗ **Potential Road or Rail Crossing.** For minor road crossings, open-cut or trenchless crossings will be applied. Contact the local region or municipality. Enbridge to develop a Traffic Management Plan to ensure that traffic is maintained while the crossing is conducted. Flag persons will be provided as required. Refer to Section 18.0 of the Enbridge Environmental Construction and Maintenance Manual, 2019.

🟣 **Candidate Significant Wildlife Habitat.** These areas are known to contain Significant Wildlife Habitat. Abide by restricted activity periods and mitigation measures in Table 7.

ENBRIDGE GAS INC.
LOW-CARBON ENERGY PROJECT

MITIGATION

FIGURE 5



- ▲ Disconnect / Reconnect Location
- Existing Hydrogen Tanks
- Proposed District Station
- Proposed Hydrogen Blending Station
- Proposed Hydrogen Station
- New Preferred Route
- - - Previously Identified Phase 1 Preferred Route
- 📐 Project Footprint (30 m)
- 🟡 Enbridge Property
- Watercourse
- Waterbody
- 🌿 Unevaluated Wetland
- 🟢 Provincially Significant Wetland

* As identified in the TRCA's 2010 Draft Rouge River Watershed Management Plan.



MAP DRAWING INFORMATION:
DATA PROVIDED BY MNR, YORK REGION
MAP CREATED BY: LK
MAP CHECKED BY: AL
MAP PROJECTION: NAD 1983 UTM Zone 17N
FILE LOCATION: I:\GIS\189005 - Enbridge

SCALE 1:5,000

0 0.0325 0.065 0.13 km

PROJECT: 18-9005 STATUS: DRAFT DATE: 2020-02-12

CUMULATIVE EFFECTS ASSESSMENT

Cumulative effects to the physical and natural environment are anticipated to be negligible given the land for the proposed hydrogen-blending facilities has been previously disturbed and the permanent facility footprints will be minimal in an area of existing high anthropogenic disturbances. Residual air and noise emissions are anticipated to be well within regulatory standards and will be in compliance with the MECP ECA permit.

There is a possibility of cumulative effects on the socio-economic environment related to construction traffic, noise, and dust; however, as described in Section 7 of the Environmental Report, the use of appropriate mitigation techniques and the short timeframe for construction will mitigate any cumulative impacts to a low magnitude. Consequently, no significant cumulative effects are anticipated as a result of the addition of the proposed hydrogen-blending facilities to the scope of the Environmental Report.

SUMMARY

The assessment of potential Project effects, cumulative effects, and recommended mitigation measures presented in the Environmental Report remains largely unchanged as a result of the proposed hydrogen-blending facilities.

The proposed hydrogen-blending facilities will result in a minor, localized alteration of topography, some air and noise emissions during operations, a minor alteration of visual aesthetics, and potential temporary pedestrian access restrictions; however, no significant net effects are anticipated with the implementation of mitigation measures. The mitigation measures recommended in the Environmental Report are considered adequate to address these potential minor effects in conjunction with the implementation of any requirements/conditions of the MECP ECA permit for air and noise emissions.

6.0 STAKEHOLDER AND INDIGENOUS CONSULTATION UPDATE

This Amendment was circulated to all individuals on the Project contact list developed for the Environmental Report. In addition, a Notice of Project Change was circulated to all individuals who participated in the consultation process either by attending the Open Houses, sending emails to the Project email inbox, or who otherwise provided their contact details to a Project Team Member with an interest in staying informed of Project updates. The Notice of Project Change was also circulated to approximately 2,700 residents and businesses located within the Phase 1 Study Area (see Figure 4). The Notice of Project Change requested public comment on the proposed changes and provided Project contact information.

A 30-day public comment period was observed following the release of this Amendment. Any comments received as a result of consultation relating to the Amendment were tracked and responses were provided, as required. Meetings were held with applicable agencies, Indigenous communities, and other stakeholders on an as-needed basis to review the proposed changes to the Project. The consultation logs are provided in Appendix A and Appendix B.

The Amendment will be available for review by interested stakeholders on the Enbridge Project website at <https://www.enbridgegas.com/about-us>, following submission to the OEB (anticipated by March 31, 2020).

7.0 CONCLUSIONS

This Amendment provides the results of Dillon's review of the proposed changes to the Project scope (as described in Section 3) since the completion of the Environmental Report in May 2019, as well as the Addendums in September and December 2019.

The new Preferred Route is similar to the Phase 1 Alternative Route evaluated in the Environmental Report. The setting and assessment of the previously identified Phase 1 Preferred Route can be applied to the new Preferred Route given their proximity to one another. The new Preferred Route results in some advantages over the previously identified Phase 1 Preferred Route, including a shorter overall length, fewer road crossings, and smaller overall construction footprint. The proposed hydrogen-blending facilities will be located entirely on Enbridge-owned property and will be subject to the MECP ECA process.

Based on this review, Dillon has determined that the proposed changes to the Project scope do not result in any material change to the assessment, recommended mitigation measures, or conclusions, as presented in the Environmental Report, and no further assessment is considered necessary.

8.0 REFERENCES

Dillon Consulting Limited (Dillon). 2019a. Low-Carbon Energy Project Environmental Report. May 2019. Prepared for Enbridge Gas Inc. Markham, ON. ix + 100 pp. + Appendices. Available at: <https://www.enbridgegas.com/about-us>.

Dillon Consulting Limited (Dillon). 2019b. Enbridge Gas Inc. Low-Carbon Energy Project Environment Report Addendum. September 2019. Prepared for Enbridge Gas Inc. Markham, ON. ii + 5 pp. Available at: <https://www.enbridgegas.com/about-us>.

Dillon Consulting Limited (Dillon). 2019c. Enbridge Gas Inc. Low-Carbon Energy Project Environmental Report Addendum #2. December 2019. Prepared for Enbridge Gas Inc. Markham, ON. i + 8 pp. Available at: <https://www.enbridgegas.com/about-us>.

Ontario Energy Board (OEB). 2016. Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition. 70 pp.

APPENDIX A

ER Amendment Stakeholder Consultation Log

Line Item	Date of Engagement	Name of Agency and/or Contact	Description of Engagement Activity	Date of Response	Response and Issue Resolution (if applicable)
AGENCIES					
Federal					
1.1	February 20, 2020	Member of Parliament – Markham-Unionville Contact: Bob Saroya	Dillon representative sent Project update memo, draft Environmental Report (ER) Amendment, and Notice of Project Change.	N/A	N/A
2.1	February 20, 2020	Impact Assessment Agency of Canada (IAAC) (formerly the Canadian Environmental Assessment Agency) Contact: Anjala Puvananathan	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	February 20, 2020	IAAC representative responded with a formal letter requesting that the proponent review the Impact Assessment Act and Project List. IAAC representative noted that the Project did not appear to be on the Project List and if that is the case, then IAAC should be removed from the Project contact list and all future Project communications.
3.1	February 20, 2020	Indigenous Services Canada Contact: Lori Macadam	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
4.1	February 20, 2020	Environment and Climate Change Canada (ECCC) Contact: Rob Dobos	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
5.1	February 20, 2020	Fisheries and Oceans Canada (DFO) Contact: Amanda Conaway	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	February 20, 2020	A representative from DFO responded, stating that they review projects (works, undertakings, or activities) being conducted in or near waterbodies that support fish and review project proposals for impacts to Species at Risk. They do not review notifications for administrative processes, and directed the project team to their website to determine if the proposed works might have an impact to fish or fish habitat.
6.1	February 20, 2020	Health Canada Contact: Aurelia Thevenot	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
7.1	February 20, 2020	Transport Canada Contact: N/A	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
Provincial					
8.1	February 20, 2020	Member of Provincial Parliament – Markham-Unionville Contact: Billy Pang	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.		
9.1	February 20, 2020	Toronto and Region Conservation Authority Contact: Zack Carlan	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
10.1	February 20, 2020	Ministry of Indigenous Affairs Contact: Lise Chabot	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
11.1	February 20, 2020	Ministry of Agriculture, Food and Rural Affairs Contact: Michele Doncaster	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
12.1	February 20, 2020	Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI) Contact: Karla Barboza	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	February 20, 2020	MHSTCI representative thanked the Project team for sending the Notice of Project Change and draft ER Amendment. MHSTCI representative requested the Project Information Form (PIF) number for the Stage 1 Archaeological Assessment and provided the name of the MHSTCI Heritage Planner that had been assigned to the Project.

Line Item	Date of Engagement	Name of Agency and/or Contact	Description of Engagement Activity	Date of Response	Response and Issue Resolution (if applicable)
12.2	February 25, 2020	MHSTCI Contact: Karla Barboza	Dillon representative responded with the PIF number for the Stage 1 Archaeological Assessment.	February 25, 2020	MHSTCI representative thanked Dillon representative.
13.1	February 20, 2020	Ministry of Education Contact: Paul Bloye	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
14.1	February 20, 2020	Ministry of Economic Development and Growth Contact: Michael Helfinger	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
15.1	February 20, 2020	Ministry of Energy Contact: Samer Yordi	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
16.1	February 20, 2020	Infrastructure Ontario Contact: Lisa Myslicki	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
17.1	February 20, 2020	Ministry of Municipal Affairs Contact: Barbara Adderley	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	February 20, 2020	Ministry of Municipal Affairs representative requested to be removed from the Project contact list.
18.1	February 20, 2020	Ministry of Natural Resources and Forestry (MNRF) Contact: Steven Strong	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
19.1	February 20, 2020	Ministry of Transportation (MTO) – Central Region Engineering Office Contact: Jason White	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
20.1	February 20, 2020	MTO – Highway Corridor Management Office Contact: Marek Wiesek	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
21.1	February 20, 2020	Ministry of Environment, Conservation and Parks (MECP) – Environmental Approvals Branch Contact: Mansoor Mahmood	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
22.1	February 20, 2020	MECP – Central Region Office Contact: Lisa Trevisan	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
23.1	February 20, 2020	MECP – York-Durham District Office Contact: Celeste Dugas	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
24.1	February 20, 2020	MECP – Source Protection Programs Branch Contact: Heather Malcolmson	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
25.1	February 20, 2020	MECP – Air Policy and Climate Change Branch Contact: Cheryl O'Donnell	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
26.1	February 20, 2020	Ministry of Energy, Northern Development and Mines Contact: Ryan Zade	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
27.1	February 20, 2020	Ontario Pipeline Coordinating Committee (OPCC) – Ontario Energy Board Contact: Zora Crnojacki	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A

Line Item	Date of Engagement	Name of Agency and/or Contact	Description of Engagement Activity	Date of Response	Response and Issue Resolution (if applicable)
28.1	February 20, 2020	OPCC – Technical Standards and Safety Authority (TSSA) Contact: Kourosh Manouchehri	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	February 20, 2020	TSSA representative thanked the Project team for the notification and stated that an Application for Review of Pipeline Project needed to be completed and submitted to the email address provided on the form.
29.1	February 20, 2020	OPCC – Ministry of Municipal Affairs and Housing Contact: Ross Lashbrook	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
30.1	February 20, 2020	OPCC – MECP, Central Region Contact: Paul Martin	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
31.1	February 20, 2020	OPCC – Ministry of Energy Contact: Shannon McCabe	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
32.1	February 20, 2020	OPCC – Ministry of Economic Development, Job creation and Trade Contact: Joseph Vecchiolla	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
33.1	February 20, 2020	OPCC – Ministry of Agriculture, Food, and Rural Affairs Contact: Arthur Churchyard	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
34.1	February 20, 2020	OPCC – MTO Contact: Tony Difabio	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
35.1	February 20, 2020	OPCC – MNRF Contact: Sally Renwick	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
36.1	February 20, 2020	OPCC – Infrastructure Ontario Contact: Patrick Grace	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
Municipal					
37.1	February 20, 2020	York Region – Environmental Services Department Contact: N/A	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
38.1	February 20, 2020	York Region – Community Planning and Development Services Contact: Jason Ezer	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
39.1	February 20, 2020	York Region – Community Planning and Development Services Contact: Robert Bailey	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
40.1	February 20, 2020	York Region – Mayor Contact: Frank Scarpitti	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
41.1	February 20, 2020	York Region – Regional Councillor Contact: Don Hamilton	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
42.1	February 20, 2020	York Region – Regional Councillor Contact: Jack Heath	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
43.1	February 20, 2020	York Region – Regional Councillor Contact: Joe Li	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A

Line Item	Date of Engagement	Name of Agency and/or Contact	Description of Engagement Activity	Date of Response	Response and Issue Resolution (if applicable)
44.1	February 20, 2020	York Region – Regional Councillor Contact: James Jones	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
45.1	February 20, 2020	York Regional Police Contact: N/A	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
46.1	February 20, 2020	City of Markham – Planning and Urban Design Contact: Biju Karumanchery	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
47.1	February 20, 2020	City of Markham – Corporate Communications and Community Engagement Contact: Andrea Berry	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
48.1	February 20, 2020	City of Markham – Economic Development Contact: Stephen Chait	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
49.1	February 20, 2020	City of Markham – Fire and Emergency Services Contact: David Decker	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
50.1	February 20, 2020	City of Markham – City Councillor, Ward 2 Contact: Alan Ho	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
51.1	February 20, 2020	City of Markham – City Councillor, Ward 3 Contact: Reid McAlpine	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
52.1	February 20, 2020	City of Markham – City Councillor, Ward 6 Contact: Amanda Collucci	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
53.1	February 20, 2020	City of Markham – City Councillor, Ward 8 Contact: Isa Lee	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
54.1	February 20, 2020	City of Markham –Utilities and Surveys, Operations Department Contact: Tracey Anastacio	Dillon representative sent Project update memo, draft ER Amendment, and Notice of Project Change.	N/A	N/A
INTEREST GROUPS					
1.1	February 20, 2020	Bell Canada Contact: Elaine Oakley	Dillon representative sent Notice of Project Change.	N/A	N/A
2.1	February 20, 2020	Rogers Communications Contact: Manel Da Silva	Dillon representative sent Notice of Project Change.	N/A	N/A
3.1	February 20, 2020	Electrical Safety Authority Contact: N/A	Dillon representative sent Notice of Project Change.	N/A	N/A
4.1	February 20, 2020	Canadian Standards Authority Group Contact: N/A	Dillon representative sent Notice of Project Change.	N/A	N/A
5.1	February 20, 2020	Metrolinx Contact: Dean Bragg	Dillon representative sent Notice of Project Change.	N/A	N/A
6.1	February 20, 2020	York District School Board Contact: Louise Sirisko	Dillon representative sent Notice of Project Change.	N/A	N/A

Line Item	Date of Engagement	Name of Agency and/or Contact	Description of Engagement Activity	Date of Response	Response and Issue Resolution (if applicable)
7.1	February 20, 2020	York Catholic District School Board Contact: Ab Falconi	Dillon representative sent Notice of Project Change.	N/A	N/A
8.1	February 20, 2020	Sir Wilfrid Laurier Public School Contact: Deborah Joyce	Dillon representative sent Notice of Project Change.	N/A	N/A
9.1	February 20, 2020	Sir Wilfrid Laurier Child Care Contact: N/A	Dillon representative sent Notice of Project Change.	N/A	N/A
10.10	February 20, 2020	Victoria Square School House Contact: Bal Rampersat	Dillon representative sent Notice of Project Change.	N/A	N/A
11.1	February 20, 2020	Royal Cachet Montessori School Contact: Kathy Bobotsis	Dillon representative sent Notice of Project Change.	N/A	N/A
12.1	February 20, 2020	St. Augustine Catholic High School Contact: Phyllis Vander Doelen	Dillon representative sent Notice of Project Change.	N/A	N/A
13.1	February 20, 2020	St. Monica Catholic Elementary School Contact: Laura Sawicky	Dillon representative sent Notice of Project Change.	N/A	N/A
14.1	February 20, 2020	St. Justin Martyr Catholic Elementary School Contact: Laura Sawicky	Dillon representative sent Notice of Project Change.	N/A	N/A
15.1	February 20, 2020	Ashton Meadows Public School Contact: Janice Perera-Baker	Dillon representative sent Notice of Project Change.	N/A	N/A
16.1	February 20, 2020	William Berczy Public School Contact: Lindsey Rhamey	Dillon representative sent Notice of Project Change.	N/A	N/A
17.1	February 20, 2020	Markham Chinese Baptist Church Contact: N/A	Dillon representative sent Notice of Project Change.	N/A	N/A
18.1	February 20, 2020	Esso Contact: N/A	Dillon representative sent Notice of Project Change.	N/A	N/A
19.1	February 20, 2020	Mobis Parts Canada Corp. Contact: N/A	Dillon representative sent Notice of Project Change.	N/A	N/A
20.1	February 20, 2020	Baker's Harness & Saddlery Contact: N/A	Dillon representative sent Notice of Project Change.	N/A	N/A
21.1	February 20, 2020	Victoria Square Ratepayers Association Contact: Denis Charron	Dillon representative sent Notice of Project Change.	N/A	N/A
22.1	February 20, 2020	Jennings Gate Ratepayers Association Contact: Peter Pelegris	Dillon representative sent Notice of Project Change.	N/A	N/A
23.1	February 20, 2020	Cachet Estates Ratepayers Association Contact: Florence She	Dillon representative sent Notice of Project Change.	N/A	N/A
24.1	February 20, 2020	Unionville Ratepayers Association Contact: Peter Miasek	Dillon representative sent Notice of Project Change.	N/A	N/A

Line Item	Date of Engagement	Name of Agency and/or Contact	Description of Engagement Activity	Date of Response	Response and Issue Resolution (if applicable)
25.1	February 20, 2020	Village Green Ratepayers Association Contact: Colin Smith	Dillon representative sent Notice of Project Change.	N/A	N/A
26.1	February 20, 2020	Cathedral Town Community Ratepayers Association Contact: Tammy Armes	Dillon representative sent Notice of Project Change.	N/A	N/A
27.1	February 20, 2020	Cathedral Town Community Ratepayers Association Contact: Wing Lui	Dillon representative sent Notice of Project Change.	N/A	N/A
28.1	February 20, 2020	Unionville Historical Society Contact: Ann Laxton	Dillon representative sent Notice of Project Change.	N/A	N/A
29.1	February 20, 2020	Victoria Manor Community Association Contact: Elagu Elaguppillai	Dillon representative sent Notice of Project Change.	N/A	N/A
30.1	February 20, 2020	Buttonville Residents Association Contact: Alice Cheung	Dillon representative sent Notice of Project Change.	N/A	N/A
31.1	February 20, 2020	South Unionville Resident Forum Contact: Tom Han	Dillon representative sent Notice of Project Change.	N/A	N/A
32.1	February 20, 2020	Downtown Markham Ratepayers Association Contact: Robert Mok	Dillon representative sent Notice of Project Change.	N/A	N/A
33.1	February 20, 2020	Markham District Energy Contact: Bruce Ander	Dillon representative sent Notice of Project Change.	N/A	N/A
34.1	February 20, 2020	M.J. Bradley & Associates LLC Contact: Brian Jones	Dillon representative sent Notice of Project Change.	N/A	N/A
35.1	February 20, 2020	York Catholic District School Board Contact: Adam McDonald	Dillon representative sent Notice of Project Change.	N/A	N/A
36.1	February 20, 2020	Arcelor Mittal Dofasco Contact: Brian Jamieson	Dillon representative sent Notice of Project Change.	N/A	N/A
37.1	February 20, 2020	Rogers Communications Contact: Amanda Kailan	Dillon representative sent Notice of Project Change.	N/A	N/A
38.1	February 20, 2020	Orbital Farm Contact: Scot Bryson	Dillon representative sent Notice of Project Change.	N/A	N/A
39.1	February 20, 2020	Bell Canada Contact: Brian Elbe	Dillon representative sent Notice of Project Change.	N/A	N/A
40.1	February 20, 2020	Telecon Design Inc. Contact: Mahshid Zeinali	Dillon representative sent Notice of Project Change.	N/A	N/A
41.1	February 20, 2020	Enbridge Gas Inc. Contact: Pam Gobby	Dillon representative sent Notice of Project Change.	N/A	N/A
PUBLIC					
1.1	February 20, 2020	Sue Matty	Dillon representative sent Notice of Project Change.	N/A	N/A
2.1	February 20, 2020	Leon Williams	Dillon representative sent Notice of Project Change.	N/A	N/A

Line Item	Date of Engagement	Name of Agency and/or Contact	Description of Engagement Activity	Date of Response	Response and Issue Resolution (if applicable)
3.1	February 20, 2020	Bob Arnold	Dillon representative sent Notice of Project Change.	N/A	N/A
4.1	February 20, 2020	Greg Quinn	Dillon representative sent Notice of Project Change.	N/A	N/A
5.1	February 20, 2020	Carla Quinn	Dillon representative sent Notice of Project Change.	N/A	N/A
6.1	February 20, 2020	Luigi Bono	Dillon representative sent Notice of Project Change.	N/A	N/A
7.1	February 20, 2020	Russell Logan	Dillon representative sent Notice of Project Change.	N/A	N/A
8.1	February 20, 2020	Jeff May	Dillon representative sent Notice of Project Change.	N/A	N/A
9.1	February 20, 2020	Craig Phillips	Dillon representative sent Notice of Project Change.	N/A	N/A
10.1	February 20, 2020	Jen Q.	Dillon representative sent Notice of Project Change.	N/A	N/A
11.1	February 20, 2020	Bill Wong	Dillon representative sent Notice of Project Change.	N/A	N/A
12.1	February 20, 2020	Chris and Mirella Sokolyk	Dillon representative sent Notice of Project Change.	February 20, 2020	Resident asked about removal of Phase 2 from the Project scope and specifically asked if the routing still included the same list of streets as described in the original Project description.
12.2	February 25, 2020	Chris and Mirella Sokolyk	Dillon representative thanked the resident for his inquiry and responded to his question about the Project scope and routing.	N/A	N/A
13.1	February 20, 2020	Vincent Leung	Dillon representative sent Notice of Project Change.	N/A	N/A
14.1	February 20, 2020	John Forte	Dillon representative sent Notice of Project Change.	N/A	N/A
15.1	February 20, 2020	John and Terri Pierracos	Dillon representative sent Notice of Project Change.	N/A	N/A
16.1	February 20, 2020	Andrew Lay	Dillon representative sent Notice of Project Change.	N/A	N/A
17.1	February 20, 2020	Guy Ng	Dillon representative sent Notice of Project Change.	N/A	N/A
18.1	February 20, 2020	Dennis Kong	Dillon representative sent Notice of Project Change.	N/A	N/A
19.1	February 20, 2020	Paul and Aileen Uau	Dillon representative sent Notice of Project Change.	N/A	N/A
20.1	February 20, 2020	Patrick Law	Dillon representative sent Notice of Project Change.	N/A	N/A
21.1	February 20, 2020	Munazzah Shirwani	Dillon representative sent Notice of Project Change.	N/A	N/A
22.1	February 20, 2020	Marianne Leung	Dillon representative sent Notice of Project Change.	N/A	N/A
23.1	February 20, 2020	Catherine Lee	Dillon representative sent Notice of Project Change.	N/A	N/A
24.1	February 20, 2020	M. Liew	Dillon representative sent Notice of Project Change.	N/A	N/A
25.1	February 20, 2020	Kenneth Chan	Dillon representative sent Notice of Project Change.	N/A	N/A
26.1	February 20, 2020	Bernard Cheung	Dillon representative sent Notice of Project Change.	N/A	N/A
27.1	February 20, 2020	Jim Strasser	Dillon representative sent Notice of Project Change.	N/A	N/A
28.1	February 20, 2020	Frank She	Dillon representative sent Notice of Project Change.	N/A	N/A
29.1	February 20, 2020	Sulan Tong	Dillon representative sent Notice of Project Change.	N/A	N/A
30.1	February 20, 2020	George Dimitrakopoulos	Dillon representative sent Notice of Project Change.	N/A	N/A
31.1	February 20, 2020	Peter Miasek	Dillon representative sent Notice of Project Change.	N/A	N/A
32.1	February 20, 2020	Casey Chung	Dillon representative sent Notice of Project Change.	N/A	N/A
33.1	February 20, 2020	Feng Dong	Dillon representative sent Notice of Project Change.	N/A	N/A

Line Item	Date of Engagement	Name of Agency and/or Contact	Description of Engagement Activity	Date of Response	Response and Issue Resolution (if applicable)
34.1	February 20, 2020	Jennifer Li	Dillon representative sent Notice of Project Change.	N/A	N/A
35.1	February 20, 2020	Ken Chhor	Dillon representative sent Notice of Project Change.	N/A	N/A
36.1	February 20, 2020	Malcolm Ng	Dillon representative sent Notice of Project Change.	N/A	N/A
37.1	February 20, 2020	Francis Cheng	Dillon representative sent Notice of Project Change.	N/A	N/A
38.1	February 20, 2020	Y. Liu	Dillon representative sent Notice of Project Change.	N/A	N/A
39.1	February 20, 2020	Ming Lee	Dillon representative sent Notice of Project Change.	N/A	N/A
40.1	February 20, 2020	Edward and Nancy Kwan	Dillon representative sent Notice of Project Change.	N/A	N/A
41.1	February 20, 2020	Dave Busato	Dillon representative sent Notice of Project Change.	N/A	N/A
42.1	February 20, 2020	Mena Miu	Dillon representative sent Notice of Project Change.	N/A	N/A
43.1	February 20, 2020	Chenyuan Huang	Dillon representative sent Notice of Project Change.	N/A	N/A
44.1	February 20, 2020	Tom Tsoulogiannis	Dillon representative sent Notice of Project Change.	N/A	N/A
45.1	February 20, 2020	Joe Tam	Dillon representative sent Notice of Project Change.	N/A	N/A
46.1	February 20, 2020	Andrew Leung	Dillon representative sent Notice of Project Change.	N/A	N/A
47.1	February 20, 2020	Martin Buchanan	Dillon representative sent Notice of Project Change.	N/A	N/A
48.1	February 20, 2020	Joseph Chow	Dillon representative sent Notice of Project Change.	N/A	N/A
49.1	February 20, 2020	Eric and Sandy Chan	Dillon representative sent Notice of Project Change.	N/A	N/A
50.1	February 20, 2020	Jason Au	Dillon representative sent Notice of Project Change.	N/A	N/A
51.1	February 20, 2020	Anthony Ko	Dillon representative sent Notice of Project Change.	N/A	N/A
52.1	February 20, 2020	Carl Lenarcic	Dillon representative sent Notice of Project Change.	N/A	N/A
53.1	February 20, 2020	Howard Wong	Dillon representative sent Notice of Project Change.	N/A	N/A
54.1	February 20, 2020	Sharon Chen	Dillon representative sent Notice of Project Change.	N/A	N/A
55.1	February 20, 2020	Jacqueline Tsang	Dillon representative sent Notice of Project Change.	N/A	N/A
56.1	February 20, 2020	R. Chan	Dillon representative sent Notice of Project Change.	N/A	N/A
57.1	February 20, 2020	Gordon Cao	Dillon representative sent Notice of Project Change.	N/A	N/A
58.1	February 20, 2020	Nigel Shuffler	Dillon representative sent Notice of Project Change.	N/A	N/A
59.1	February 20, 2020	Bernard Tsang	Dillon representative sent Notice of Project Change.	N/A	N/A
60.1	February 20, 2020	Sammy Poon	Dillon representative sent Notice of Project Change.	N/A	N/A
61.1	February 20, 2020	D. Wong	Dillon representative sent Notice of Project Change.	N/A	N/A
62.1	February 20, 2020	Jim	Dillon representative sent Notice of Project Change.	N/A	N/A
63.1	February 20, 2020	McCelia Leung	Dillon representative sent Notice of Project Change.	N/A	N/A
64.1	February 20, 2020	Kwok Choi	Dillon representative sent Notice of Project Change.	N/A	N/A
65.1	February 20, 2020	William Sylvester	Dillon representative sent Notice of Project Change.	N/A	N/A
66.1	February 20, 2020	John Yue	Dillon representative sent Notice of Project Change.	N/A	N/A
67.1	February 20, 2020	Kenneth Man	Dillon representative sent Notice of Project Change.	N/A	N/A

Line Item	Date of Engagement	Name of Agency and/or Contact	Description of Engagement Activity	Date of Response	Response and Issue Resolution (if applicable)
68.1	February 20, 2020	Jessica Loudet	Dillon representative sent Notice of Project Change.	N/A	N/A
69.1	February 20, 2020	May Gregorios	Dillon representative sent Notice of Project Change.	N/A	N/A
70.1	February 20, 2020	Millie Yue	Dillon representative sent Notice of Project Change.	N/A	N/A
71.1	February 20, 2020	Eugene Liu	Dillon representative sent Notice of Project Change.	N/A	N/A
72.1	February 20, 2020	Paul Wong	Dillon representative sent Notice of Project Change.	N/A	N/A
73.1	February 20, 2020	C. Kellner	Dillon representative sent Notice of Project Change.	N/A	N/A
74.1	February 20, 2020	Alex Huang	Dillon representative sent Notice of Project Change.	N/A	N/A
75.1	February 20, 2020	Edwin Lee	Dillon representative sent Notice of Project Change.	N/A	N/A
76.1	February 20, 2020	Dave and Donna Swift	Dillon representative sent Notice of Project Change.	N/A	N/A
77.1	February 20, 2020	Fadery Wong	Dillon representative sent Notice of Project Change.	N/A	N/A
78.1	February 20, 2020	Frank Lim	Dillon representative sent Notice of Project Change.	N/A	N/A
79.1	February 20, 2020	C.H. Wong	Dillon representative sent Notice of Project Change.	N/A	N/A
80.1	February 20, 2020	Willy Jeung	Dillon representative sent Notice of Project Change.	N/A	N/A
81.1	February 20, 2020	Shu-de Rong	Dillon representative sent Notice of Project Change.	N/A	N/A
82.1	February 20, 2020	Andrew Gledhill	Dillon representative sent Notice of Project Change.	N/A	N/A
83.1	February 20, 2020	Soterios Nicolaou	Dillon representative sent Notice of Project Change.	N/A	N/A
84.1	February 20, 2020	Roger Munroe	Dillon representative sent Notice of Project Change.	N/A	N/A
85.1	February 20, 2020	Percy Chan	Dillon representative sent Notice of Project Change.	N/A	N/A
86.1	February 20, 2020	Marina Antonoglou	Dillon representative sent Notice of Project Change.	N/A	N/A
87.1	February 20, 2020	Melody Chan	Dillon representative sent Notice of Project Change.	N/A	N/A
88.1	February 20, 2020	Chuong Vuong	Dillon representative sent Notice of Project Change.	N/A	N/A
89.1	February 20, 2020	Graham Seaman	Dillon representative sent Notice of Project Change.	N/A	N/A
90.1	February 20, 2020	Christian Bonneau	Dillon representative sent Notice of Project Change.	N/A	N/A

APPENDIX B

ER Amendment Indigenous Consultation Log

Line Item	Date of Engagement	Name of Community and Contact	Description of Engagement Activity	Date of Response	Response and Issue Resolution (if applicable)
1.1	January 21, 2020	Alderville First Nation (AFN)	Enbridge representative called AFN representative to share Project information. The AFN representative asked some questions which the Enbridge representative provided responses to and then the AFN representative requested that Enbridge send an email requesting a meeting.	N/A	N/A
1.2	January 21, 2020	AFN Contacts: Chief Dave Mowat and Dave Simpson	Enbridge representative emailed AFN representatives to provide information regarding the Project. Enbridge representative requested the AFN representative provide availability for an in-person meeting to discuss the Project.	January 21, 2020	AFN representative responded that they would provide some dates for a meeting.
1.3	February 19, 2020	AFN Contacts: Chief Dave Mowat and Dave Simpson	Enbridge representative followed up via email, inquiring about scheduling a meeting.	N/A	N/A
1.4	February 27, 2020	AFN Contacts: Chief Dave Mowat and Dave Simpson	Enbridge representative followed up via email and suggested various dates in March for a meeting.	February 27 and February 28, 2020	AFN representatives responded and agreed upon a preferred meeting date.
1.5	February 28, 2020	AFN Contacts: Chief Dave Mowat and Dave Simpson	Enbridge representative responded suggesting a specific meeting time.	February 28, 2020	AFN representative accepted and confirmed the proposed meeting time.
1.6	February 28, 2020	AFN Contacts: Chief Dave Mowat and Dave Simpson	Enbridge representative sent Project update summary, draft Environmental Report (ER) Amendment, and Notice of Project Change. Enbridge asked that feedback from the community be provided by Friday March 27, 2020.	N/A	N/A
1.7	March 13, 2020	AFN Contacts: Chief Dave Mowat and Dave Simpson	Enbridge representative emailed the AFN representatives to inform them that Enbridge has issued a travel ban across North America due to the COVID-19 virus and stated that, as a result, their upcoming meeting would have to be postponed.	N/A	N/A
1.8	March 13, 2020	AFN Contacts: Chief Dave Mowat and Dave Simpson	Enbridge representative called the AFN Chief subsequent to the March 13 email confirming that their upcoming in-person meeting would have to be postponed due to a corporate travel ban. The AFN Chief understood and both parties agreed that it would be great to reschedule lunch in the near future. The Enbridge representative also mentioned that at their in-person meeting they would be discussing a change to the Project scope. The AFN Chief did not express any concerns and thanked Enbridge for the call.	N/A	N/A
2.1	February 28, 2020	Curve Lake First Nation (CLFN) Contact: Julie Kapyrka	Enbridge representative sent Project update summary, draft ER Amendment, and Notice of Project Change. Enbridge asked that feedback from the community be provided by Friday March 27, 2020.	N/A	N/A
2.2	March 12, 2020	CLFN Contacts: Julie Kapyrka, Kaitlin Hill, Jordan MacArthur	Enbridge representative emailed CLFN representatives thanking them for a meeting the previous day. As requested during the meeting, Enbridge provided the Stage 1 Archaeological Assessment (AA) for the Project and confirmed that they are seeking to submit the ER Amendment to the Ontario Pipeline Coordinating Committee (OPCC) by the end of March. Enbridge also confirmed no new archaeological assessments are required as a result of the proposed Project changes. As such, consistent with the Stage 1 AA from 2019, there was no Stage 2 field work required for the Project.	March 12, 2020	CLFN representative thanked Enbridge representative for coming to the community and requested the full archaeological report.
2.3	March 16, 2020	CLFN Contacts: Julie Kapyrka, Kaitlin Hill, Jordan MacArthur	Enbridge representative inquired whether the 2 PDFs of the Stage 1 AA that were sent would suffice.	March 16, 2020	CLFN representative responded that they had only received one file that was a 26 page document with mapping and that they hadn't received the full report.

Line Item	Date of Engagement	Name of Community and Contact	Description of Engagement Activity	Date of Response	Response and Issue Resolution (if applicable)
2.4	March 16, 2020	CLFN Contacts: Julie Kapyrka, Kaitlin Hill, Jordan MacArthur	Enbridge representative re-sent the second attachment with the full report.	N/A	N/A
3.1	March 6, 2020	Hiawatha First Nation (HFN) Contact: Tom Cowie	Enbridge representative reached out via email to set up a meeting to provide some updates regarding the Project and suggested a couple of potential meeting dates. Enbridge representative attached a copy of the Notice of Project Change and draft ER Amendment outlining the proposed changes to the Project and offered capacity funding to help support document review.	March 9, 2020	HFN representative responded that the proposed meeting dates would not work.
3.2	March 9, 2020	HFN Contact: Tom Cowie	Enbridge representative called HFN representative to discuss potential meeting dates. Both parties agreed on a meeting date and time for the following week.	N/A	N/A
3.3	March 13, 2020	HFN Contact: Tom Cowie	Enbridge representative called the HFN representative and left a voice message to let them know that Enbridge had instituted a travel ban for all employees across North America due to the COVID-19 virus and, as a result, their meeting scheduled for the following week could be conducted via teleconference instead of in-person. Enbridge representative requested a return call to confirm if this was possible.	N/A	N/A
3.4	March 16, 2020	HFN Contact: Tom Cowie	HFN representative emailed Enbridge representative stating that HFN has cancelled all meetings, travel and programs until after April 6.	March 16, 2020	Enbridge representative responded confirming Enbridge has done the same. Enbridge representative stated they had left a voice message for HFN representative the previous week in regard to conducting the meeting via conference call instead and was wondering if that would work for the HFN representative.
3.5	March 17, 2020	HFN Contact: Tom Cowie	Enbridge representative called HFN representative and left a voice message asking if the HFN representative would be available to participate in a telephone discussion in the afternoon or anytime during the week. Enbridge representative requested a call back.	N/A	N/A
4.1	February 28, 2020	Huron Wendat First Nation (HWFN) Contact: Maxime Picard	Enbridge representative sent Project update summary, draft ER Amendment, and Notice of Project Change. Enbridge asked that feedback from the community be provided by Friday March 27, 2020.	February 28, 2020	HWFN representative thanked Enbridge representative for the update. HWFN representative requested details of the timing of Stage 2 archaeological fieldwork and requested a copy of the Stage 1 AA report.
4.2	February 28, 2020	HWFN Contact: Maxime Picard	Enbridge representative thanked HWFN representative for their response and stated they would look into their questions and get back to them.	N/A	N/A
4.3	February 28, 2020	HWFN Contact: Maxime Picard	Enbridge representative confirmed that no new archaeological assessments were required for the proposed Project changes. As such, consistent with the Stage 1 AA (provided) from 2019, there was no Stage 2 fieldwork required the Project.	March 2, 2020	HWFN representative thanked the Enbridge representative and requested that HWFN be updated in the event that any further archaeological assessment is initiated as part of next Project phases.
4.4	March 10, 2020	HWFN Contact: Maxime Picard	Enbridge representative acknowledged HWFN representative's request to remain updated should further archaeological assessments be initiated in relation to the Project.	N/A	N/A
5.1	March 6, 2020	Mississaugas of Scugog Island First Nation (MSIFN) Contact: Monica Sandford	Enbridge representative sent Project update summary, draft ER Amendment, and Notice of Project Change. Enbridge representative offered capacity funding and requested a meeting later in the month.	N/A	N/A

Line Item	Date of Engagement	Name of Community and Contact	Description of Engagement Activity	Date of Response	Response and Issue Resolution (if applicable)
5.2	March 13, 2020	MSIFN Contact: Monica Sandford	Enbridge representative called MSIFN representative to follow-up on the email sent on March 6. In the call, the Enbridge representative summarized the Project scope and the changes proposed in the ER Amendment. Enbridge representative also stated that no further archaeological work was required for the Project. Enbridge representative reiterated the offer to provide capacity funding to MSIFN to review the ER Amendment and other Project materials. The MSIFN representative indicated that they would be away from the office for a few weeks but would review the Project materials upon returning and would be in touch if there were any questions for Enbridge.	N/A	N/A
6.1	February 27, 2020	Mississaugas of the Credit First Nation (MCFN) Contact: Fawn Sault	Enbridge representative sent Project update summary, draft ER Amendment, and Notice of Project Change.	February 28, 2020	MCFN representative replied, acknowledging receipt of information and stating that if they had concerns regarding the proposed Project changes they would let Enbridge know.
6.2	February 28, 2020	MCFN Contact: Fawn Sault	Enbridge representative replied to MCFN representative acknowledging their response and invited them to reach out if they have any additional questions.	N/A	N/A