



**Alison Evans**  
Advisor, Regulatory Applications  
Regulatory Affairs

tel 416 495 5499  
egiregulatoryproceedings@enbridge.com

**Enbridge Gas Inc.**  
500 Consumers Road  
North York, Ontario M2J 1P8  
Canada

**VIA Email, RESS and Courier**

March 11, 2020

Ms. Christine Long  
Board Secretary  
Ontario Energy Board  
2300 Yonge Street, Suite 2700  
Toronto, Ontario, M4P 1E4

Dear Ms. Long:

**Re: Enbridge Gas Inc. ("Enbridge Gas")  
Ontario Energy Board ("Board") File No.: EB-2018-0097  
Bathurst Reinforcement Project ("Project")**

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On January 3, 2019 the Board issued its Decision and Order for the above noted proceeding which included, as Schedule B, several Conditions of Approval.

Per section 6. (a) in the aforementioned Decision and Order, Enbridge Gas is to provide the Board with a post construction report no later than three months after the in-service date. Please find enclosed a copy of the Post Construction report for the Bathurst Reinforcement project.

Please contact me if you have any questions.

Yours truly,

(Original Signed)

Alison Evans  
Advisor Rates  
Regulatory Application

**Bathurst Reinforcement Project:**

**Post-Construction Interim  
Monitoring Report**

**EB-2018-0097**

Company: Enbridge Gas Inc.



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## Introduction

On January 3, 2019 the Ontario Energy Board (“OEB”), in its Decision and Order for EB-2018-0097, granted Enbridge Gas Inc. (“Enbridge”) leave to construct natural gas pipeline and ancillary facilities to meet current and future natural gas demand in the North York area of the City of Toronto. This project is referred to as the Bathurst Reinforcement Project (“the Project”).

This is the Post-Construction Interim Monitoring Report (“Interim Report”) for the Project.

As part of the Project, Enbridge conducted the studies listed in **Table 1** to inform the design, planning and permitting process, identify environmental and socio-economic impacts potentially resulting from construction, and minimize and mitigate impacts through the application of documented mitigation measures.

**Table 1: Studies Completed for Bathurst Reinforcement Project**

REPORT TITLE	CONDUCTED BY:	DATE
Stage 1 Archaeological Assessment Bathurst Reinforcement Pipeline Project Part of Lots 18-25, Concession 1 West of Young St. and Lots 18-25, Concession 2 West of Young St. Geographic Township of York And Part of Lot 1, Concession 2 and Lot 26, Concession 1 West of Young St. Geographic Township of Vaughan Now the City of Toronto County of York, Ontario	Timmins Martelle Heritage Consultants Inc.	May 14, 2018
Bathurst Natural Gas Pipeline Project Final Report Environmental Report	Dillon Consulting	June 2018
Species at Risk Trees in Study Area of Pipeline Reinforcement in Bathurst Street	Dillon Consulting	April 25, 2019
Arborist Report – Bathurst St. Reinforcement – Ward 6 & 8	Fredi Buob ISA Arborist ON-0254A	May 7, 2019

Construction on the Project began on June 3, 2019 and was energized with an in-service date of December 11, 2019. Enbridge filed, in accordance with the Conditions of Approval for the project, notifications of these Project milestones with the OEB.<sup>1</sup>

This Interim Report was prepared to satisfy the condition 6a) of the Conditions of Approval set out in the Decision and Order for EB-2018-0097, as follows:

<sup>1</sup> Please refer to the letters dated May 24, 2019 and November 27, 2019.



*6. Both during and after construction, Enbridge shall monitor the impacts of construction, and shall file with the OEB one paper copy and one electronic (searchable PDF) version of each of the following reports:*

- a) a post construction report, within three months of the in-service date, which shall:
  - i) Provide certification, by a senior executive of the company, of Enbridge's adherence to Condition 1;*
  - ii) Describe any impacts and outstanding concerns identified during construction;*
  - iii) Describe the actions taken or planned to be taken to prevent or mitigate any identified impacts of construction;*
  - iv) Include a log of all complaints received by Enbridge, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, the rationale for taking such actions; and*
  - v) Provide a certification, by a senior executive of the company, that the company has obtained all other approvals, permits, licenses, and certificates required to construct, operate and maintain the proposed project.**

The Certifications required pursuant to conditions 6 a) i) and 6 a) v) are attached as Appendix A to this Interim Report.

## Project Description

The Bathurst Reinforcement Project included the installation of nominal pipe size ("NPS") 12-inch high pressure steel natural gas pipeline totaling approximately 3.2 km, the installation of NPS 8-inch intermediate pressure natural gas pipeline totaling less than 100m and the installation of a district station. The Project was required to meet current and future natural gas demand in the North York area of the City of Toronto. Refer to Appendix B - Figure 1 for Final Pipeline Location.

## Construction Effects and Mitigation Measures

All construction and rehabilitation activities comply with the Conditions of Approval set out in the OEB Decision and Order for EB-2018-0097, including ensuring that the requirements of all approvals, permits, licenses and certificates are fully addressed. In addition, the Project activities were conducted in accordance with Enbridge's Construction Policies and Procedures and the mitigation measures and inspection and monitoring recommendations outlined in Sections 6.0 and 10.0 of the Bathurst Natural Gas Pipeline Project – Final Report (Environmental Report or "ER"). The ER evaluated potential impacts and concerns and proposed mitigation measures to reduce and/or eliminate them.

Many of the potential environmental effects identified in the ER were avoided by locating the pipeline within existing road allowance and previously-disturbed utility corridors. Inspectors monitored construction for potential environmental concerns, provided guidance on environmental protection, as required, and contributed to successful Project completion.

During construction activities, no impacts/concerns were identified.

A Project Kick-Off meeting with internal and contractor stakeholders was held on May 30, 2019 to communicate project specific details, including health, safety and environmental requirements.

## CONSTRUCTION WITHIN SPECIES AT RISK HABITAT

As part of the environmental assessment process, Dillon Consulting identified eleven Kentucky Coffee-trees planted within Right of Way ("ROW") of the Project area. This tree is considered a Species at Risk ("SAR"), designated as *Threatened* under the Endangered Species Act (ESA), 2007. However, exemptions from these prohibitions are provided for vascular plant species that originated from a commercial cultivation enterprise under certain conditions. Upon further review, these trees were identified as commercially cultivated, therefore, were considered exempt from the prohibitions under the ESA, 2007.

## TREE REMOVAL

Prior to construction, an arborist report was prepared to identify trees requiring protection and others that may be injured or destroyed during the Project. Trees within 6 meters of the Project were surveyed and where required, Tree Protection Zones ("TPZ") were established with Tree Protection Barriers installed. Mitigation measures were implemented if work within the TPZ was required, such as utilizing low pressure hydraulic (water) excavation, having a Certified Arborist on site and avoid cutting roots larger than 5cm in diameter.

As part of the Project, 7 trees were injured (2 City owned and 5 privately owned) and a total of 41 City owned trees were destroyed. None of these trees were regulated by the Ravine Natural Feature Protection (RNFP).

An application to injure and destroy the above-mentioned trees was submitted to the City of Toronto. For the city-owned trees that were destroyed, compensation was provided to the City of Toronto for replanting by City staff.

To avoid impacts to birds (including bird SAR), nest sweeps were completed prior to tree removal during the migratory bird window (April 1 to August 31). One nest was encountered, however, upon a further site visit, the nest was deemed inactive. Trees were cleared within 7 days of the nest sweeps.

## CONTAMINATED SOILS MANAGEMENT

During construction, contaminated soils were identified at one location in the vicinity of a gasoline station and Enbridge's Suspect Soil Management Procedure was followed. This included removing contaminated soils by a Ministry of the Environment, Conservation and Parks ("MECP") licensed waste hauler and disposing at an MECP licensed receiving facility.

## SPILLS

No spills were reported during construction activities. Two (2) planned releases of natural gas were completed for main energization and were reported to the MECP's Spills Action Centre ("SAC") due to the potential for odour complaints, as the area is densely populated.

## DISRUPTION TO RESIDENTS

Prior to construction, communication with residents and businesses along the construction route was established, and every reasonable effort was made to address concerns and maintain good relationships with landowners, local residents and other stakeholders. Enbridge ensured that construction noise levels met the minimum applicable performance standards, and that work was limited to daytime hours (in compliance with noise bylaws).



Additional measures, including storage of various material and equipment at a compound located at 1 Promenade Circle, were established to ensure pedestrian safety.

## TRAFFIC DISRUPTION

The Project was constructed and located within municipal road allowances. As a result, pedestrian and vehicular traffic flow along the roadways and sidewalks was modified during construction. In addition to communicating with residents and businesses along the construction route, Enbridge's contractor utilized their inhouse traffic control expert to develop traffic control plans and employed paid-duty police officers, as required, to coordinate and conduct traffic control along all affected roadways and sidewalks. Traffic control measures included applying traffic restrictions (timing of lane closures and truck traffic) and installing appropriate signage along the affected route.

Weekly field safety meetings were conducted for all on-site personnel which included vigilance around pedestrian and vehicular safety.

The Project team ensured that equipment, material and construction activity avoided the intersection of Bathurst Street and Antibes Drive in order to accommodate City of Toronto Antibes Festival on Sunday July 14. The Project also shut down construction for 8 days to accommodate various religious holidays in September and October.

## FIRST NATIONS CONSULTATION

As documented in the ER prepared by Dillon Consulting, it was confirmed with Ministry of Energy, Northern Development and Mines ("MOENDM") that the Project would not result in any appreciable adverse impacts to the asserted or established rights of any First Nation or Métis communities. As such, no duty to consult was required for the Project.

## POST CONSTRUCTION SITE CONDITIONS

Restoration along the pipeline corridor including reinstatement of asphalt road surfaces, curbs, vegetation in boulevards, concrete sidewalks and patterned concrete aprons was conducted on an ongoing basis, with restoration beginning in areas where construction was complete. These areas were monitored during site inspections to ensure appropriate restoration measures were completed and to monitor the success of restoration. Photos documenting restoration activities were taken as each area was restored, or upon final completion of the project.

**Table 2** below represents current conditions along the pipeline route and the actions planned for each outstanding issue. Final restoration for all remaining areas will be completed in Spring/Summer of 2020 and will cover any additional issues identified once snow melt occurs.

Please note that the most recent inspection of the pipeline route occurred during winter, and snow cover was present along the pipeline alignment.

Refer to Appendix C for the photo log.

Table 2: Bathurst Reinforcement Project Conditions and Actions

PHOTO #	LOCATION	CURRENT CONDITION	ACTION
<b>Photo 1</b>	Tie-in at South West corner of Steeles Ave. W. and Bathurst St. (looking south east)	Temporary restoration has been completed.	Permanent asphalt, sidewalk, curbs and boulevard planned for Spring/Summer 2020.
<b>Photo 2</b>	Entry/Exit Pit on West Side of Bathurst St., South of Steeles Ave. W. (looking north)	Complete. Boulevard was hydroseeded and restored to pre-construction condition.	None required.
<b>Photo 3</b>	West Side of Bathurst St., South of Fisherville Rd. (looking south)	Partial restoration was completed, boulevard was hydroseeded and restored to pre-construction condition. Temporary restoration completed to pattern concrete apron at curb.	Permanent restoration of pattern concrete apron will be completed in Spring/Summer 2020.
<b>Photo 4</b>	West Side of Bathurst St. South of Carpenter Rd. (looking north)	Partial restoration was completed in boulevard with hydroseed as well as partial temporary restoration of sidewalks.	Permanent restoration, including hydroseed and concrete sidewalks to be completed in Spring/Summer 2020.
<b>Photo 5</b>	West Side of Bathurst St., South of Rockford Rd. (looking north)	Boulevard was hydroseeded and restored to pre-construction condition.	Permanent restoration, including road asphalt, pattern concrete apron and curbs is planned for Spring/Summer 2020.
<b>Photo 6</b>	West Side of Bathurst St., South of Kenton Dr. (looking north)	Temporary restoration has been completed.	Permanent restoration, including hydroseed, is planned for Spring/Summer 2020.
<b>Photo 7</b>	West Side of Bathurst St., South of Kenton Dr. (looking north)	Temporary restoration has been completed.  Large mounds in picture was confirmed to be snow/ice buildup from plowing.	Permanent restoration, including hydroseed, is planned for Spring/Summer 2020.



PHOTO #	LOCATION	CURRENT CONDITION	ACTION
<b>Photo 8</b>	Tie-in and District Station on East Side of Bathurst St., south of Ellerslie Ave. (looking north)	Complete. Boulevard was hydroseeded, sidewalk and pattern concrete apron restored to pre-construction condition.	None required.
<b>Photo 9</b>	Bathurst St boulevard south of Steeles Ave. W. to north of Greenwin Village Rd. (west side)	All visible settlements along Bathurst St. boulevard were identified and temporarily repaired.	Review areas again in Spring/Summer of 2020 and complete final restoration (may include fill placement and/or installation of final road asphalt, curbs and sidewalks and/or hydroseed).
<b>Photo 10</b>	Boulevard north of Cedarcroft Boulevard at 5998 Bathurst St (west side)	All visible settlements along Bathurst St. boulevard were identified and temporarily repaired.	Review areas again in Spring/Summer of 2020 and complete final restoration (may include fill placement, and/or installation of final road asphalt, curbs and sidewalks and/or hydroseed).



## Landowner Comments and Complaints

A Complaints Log for the Project can be found in Appendix D.

### Summary

This Interim Report has been prepared in accordance with the OEB Decision and Order in EB-2018-0097. It documents the post-construction and restoration activities completed as part of the construction of the Project from June 2019 to December 2019. Measures implemented during construction and restoration activities have been successful.

A Final Monitoring Report, that will document the remaining site restoration activities, will be filed with the OEB no later than June 1, 2021 pursuant to condition 6b) in the OEB's Conditions of Approval for the Project.

## Appendix A

### EXECUTIVE CERTIFICATIONS



Bathurst Reinforcement Project

EB-2018-0097

Decision and Order

January 3, 2019

I hereby certify that Enbridge Gas Inc. (“Enbridge”) has complied with the Decision and Order, Schedule B, EB-2018-0097, Section 6 (a) i. and v.

march 5/2020

DATE

Michelle Geeg

SENIOR EXECUTIVE

Condition 6 (a) i. and v.

6. Both during and after construction, Enbridge shall monitor the impacts of construction, and shall file with the OEB one paper copy and one electronic copy (searchable PDF) version of each of the following reports:
  - a) a post construction report, within three months of the in-service date, which shall:
    - i. provide a certification, by a senior executive of the company, of Enbridge’s adherence to Condition 1;
    - v. provide a certification, by a senior executive of the company, that the company has obtained all other approvals, permits, licences and certificates required to construct, operate and maintain the proposed project.

Condition 1

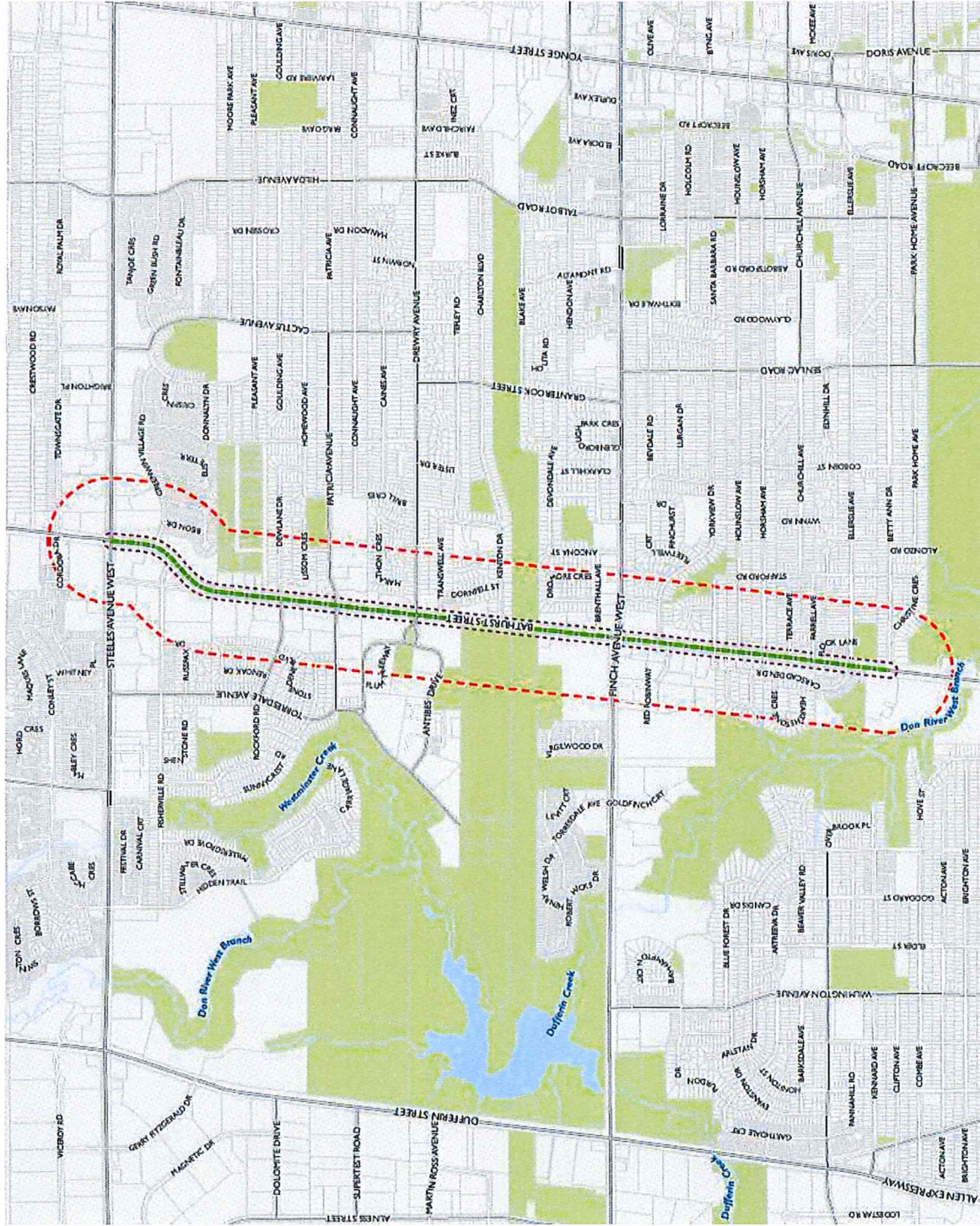
Enbridge shall construct the facilities and restore the land in accordance with the OEB’s Decision and Order in EB-2018-0097 and these Conditions of Approval.

## Appendix B

### LOCATION MAP



Figure 1: Final Pipeline Location





## Appendix C

### PHOTO LOG

	<p>Photo 1: Tie-in at South West corner of Steeles Ave. W. and Bathurst St. (looking south east)</p>
	<p>Photo 2: Entry/Exit Pit on West Side of Bathurst St., South of Steeles Ave. W. (looking north)</p>




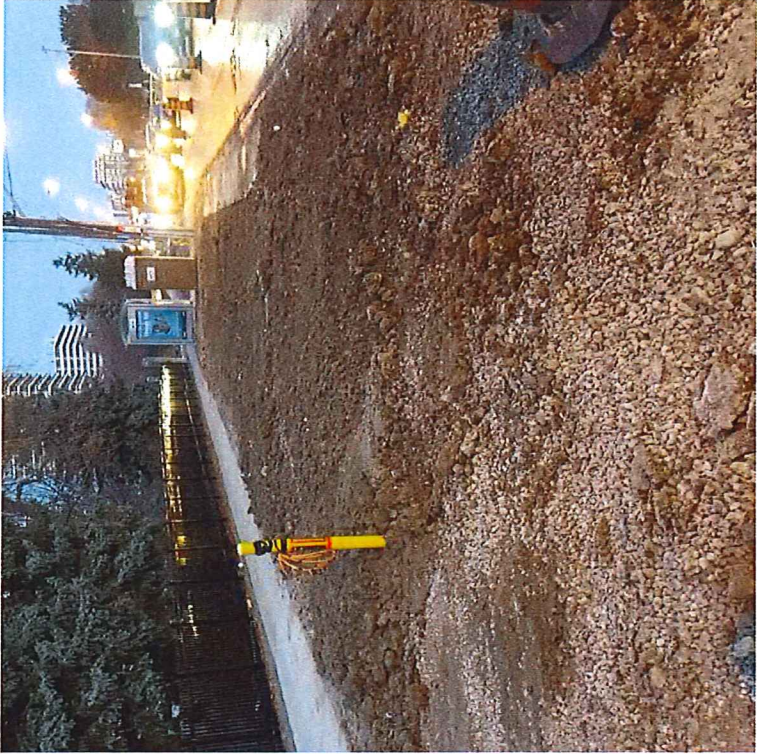


Photo 3: West Side of Bathurst St., South of Fisherville Rd. (looking south)



Photo 4: West Side of Bathurst St. South of Carpenter Rd. (looking north)



	
<p>Photo 5: West Side of Bathurst St., South of Rockford Rd. (looking north)</p>	<p>Photo 6: West Side of Bathurst St., South of Kenton Dr. (looking north)</p>

	
<p>Photo 7: West Side of Bathurst St., South of Kenton Dr. (looking north)</p>	<p>Photo 8: Tie-in and District Station on East Side of Bathurst St., South of Ellerslie Ave (looking north)</p>



	
<p>Photo 9: Boulevard south of Steeles Ave. W. to north of Greenwin Village Rd. (west side)</p>	<p>Photo 10: Boulevard north of Cedarcroft Blvd. at 5998 Bathurst St. (west side)</p>



# Appendix D

## COMPLAINT LOG



DATE RECEIVED	CONTACT NAME	LANDOWNER TYPE	COMMENT	RESOLUTION
2019-May-16	Stella Joskowitz	Resident	Inquired about the Bathurst Bus and if it would still run	Advised buses would continue to run on Bathurst St.
2019-May-20	A. Feleki	Resident	Inquired if any difficulty will arise with the bus travelling in that direction	Lanes will be closed in sections, but Enbridge will work to minimize impacts to motorists. Resident asked how construction would impact bus schedules. Enbridge advised that bus schedules and timing would be dependent on traffic.
2019-Jun-03	Jordan Miller	Twitter User	Resident wanted more information on the project and inquired if there would be any major closures.	Enbridge provided some key messaging on the project and stated that construction will mainly be within the boulevard of the southbound corridor, traffic impacts will be minimized by utilizing Horizontal Directional Drill ("HDD") method and that intermittent southbound lane closures will be required.
2019-Jun-04	Galit Binaev	Downing Street Property Management 4600 Bathurst St Toronto	Received the above ground structure letter (which communicated the district station installation) and wanted to understand impacts to the community center regarding traffic impacts and if there will be any gas service disruptions. Also inquired as to how to have glass on gas meter replaced as it is currently foggy.	Enbridge advised that there will be no gas service disruptions. Advised that sections of southbound lanes would be closed as part of the project and Enbridge would work to reduce impacts to traffic. Advised that the district station would be installed on the east side of Bathurst north of the community center. Enbridge sent email to dispatch to



DATE RECEIVED	CONTACT NAME	LANDOWNER TYPE	COMMENT	RESOLUTION
				have a service call created to replace glass on meter.
2019-Jul-10	N/A	Resident (6 Silvan Carseway)	Resident was upset that an Enbridge Contractor's employee was smoking while there was natural gas venting due to 3rd party contractor damage in the nearby complex. Customer upset about employee's attitude.	Contractor's employee put out the cigarette. EGI Inspector left card at resident's home to address concerns. EGI Inspector spoke with the Property Manager and apologized and advised him that Contractor's Supervisor spoke to the employee about the situation and to be respectful of resident concerns. Property manager satisfied with explanation.
2019-Jul-11	Adam Kaplan	Property Manager (Silvan Carseway)	The property manager called the EGI Inspector and was upset that Enbridge/Contractor did not notify him that the Contractor was excavating on private property.	The EGI Inspector spoke with the property manager and explained that the Contractor was not excavating on private property, but that the Contractor had been on the property (due to drill path monitoring) to clean up an operational release of drilling fluid (bentonite) that flowed onto private property. The EGI inspector also mentioned that the Contractor may have to go in the back of the property again. The property manager was fine and had no further issues.
2019-Jul-18	Pauline Sharpe	President, York Condo Corp.	Condo experienced a sewer back up in some units and thought it was related to weather. There were 6 units that were	Project Manager and EGI Inspector met with Condo President after incident to explain what had



DATE RECEIVED	CONTACT NAME	LANDOWNER TYPE	COMMENT	RESOLUTION
			affected by the sewer back up as well as an area in the basement had drywall damage due to water. With more investigation, it was discovered that the Contractor had inadvertently damaged the sewer lateral to 55 Carscadden Dr.	happened, assess damages and advise of resolution. The Contractor excavated the sewer lateral and made the repairs underground. The Contractor paid for all time and labor for cleanup activities and damages. The Contractor gave gift cards to residents who assisted in clean up. As a result of this incident, Enbridge completed an investigation with the Contractor to detail occurrence and identify corrective actions. The Contractor updated applicable procedures.
2019-Jul-27	Michelle Foster	Public	A member of the public claimed they slipped in the Contractor's work area. The area had residual water and drilling fluid (bentonite) from the clean-up of an operational release of drilling fluid (bentonite). The member of the public did not claim any injuries at that time yet, provided their first name, contact number and stated they would contact the EGI Inspector if there was an issue. On July 30, 2019 the member of the public contacted the EGI Inspector and stated, they were seeking compensation for an injury and wanted to know if there was interest in settling the claim out of court.	Immediately after the incident occurred, the area was barricaded off with construction barrels and caution tape to prevent public access. Currently, the Contractor's insurance company is working with Ms. Foster to come to a financial agreement. As of December 2019, this claim is still open and rests with the Contractor's insurance company. Currently, they are waiting for medical information.
2020-Jan-15	Robert Gledhill	City of Toronto	City of Toronto received a call from area resident regarding settlement of soil in the	Project Manager emailed Robert Gledhill January 20, 2020 advising that the Contractor went out January





DATE RECEIVED	CONTACT NAME	LANDOWNER TYPE	COMMENT	RESOLUTION
			boulevard south of Steeles to north of Greenwin Village Rd on the west side.	14th, 15th and 16th to walk and repair any identified settlements from Bathurst St to Ellerslie. All visible settlements were repaired.