Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:28 PM
To: communications@peelsb.com
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

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https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

We look forward to hearing form you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9

Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:27 PM
To: stephanie.cox@dpcdsb.org
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

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Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:25 PM
To: dpresley@mhbcplan.com
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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Thanks,

Italia Ponce, P.Eng.
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Infrastructure Planning- Water & Wastewater Division
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Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:26 PM
To: edgar.henriquez@rci.rogers.com
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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Project Manager
Infrastructure Planning- Water & Wastewater Division
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Brampton ON L6T 4B9
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Cell: 647-248-3785

Thanks,

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Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:27 PM
To: SecondaryLandUse@HydroOne.com; Susan.SUN@HydroOne.com
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
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We look forward to hearing form you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
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Brampton ON L6T 4B9

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From: SUN Hongxia <Susan.SUN@HydroOne.com> on behalf of SECONDARY LAND USE Department <Department.SecondaryLandUse@hydroone.com>
Sent: December 12, 2022 9:09 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: SECONDARY LAND USE Department <Department.SecondaryLandUse@hydroone.com>
Subject: Hydro One Response: 20221212-NoticeOfCompletion-Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Please see the attached for Hydro One's Response.

Hydro One Networks Inc
SecondaryLandUse@HydroOne.com

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Hydro One Networks Inc.

483 Bay Street
8th Floor South Tower
Toronto, Ontario M5G 2P5

HydroOne.com

December 12, 2022

Re: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Attention:
Italia Ponce, P.Eng.
Project Manager

Thank you for sending us notification regarding (Etobicoke Creek Trunk Sewer Improvements and Upgrades). In our assessment, we have no further comments regarding your draft Environmental Study Report.

We reiterate that this message does not constitute any form of approval for your project. Please note that your project may require you to submit a Property Management Proposal (PMP) for Hydro One to fully assess the impact to our assets. To learn more about this process please visit Secondary Land Uses (hydroone.com)

Sent on behalf of,

Secondary Land Use
Asset Optimization
Strategy & Integrated Planning
Hydro One Networks Inc.

Newton, Dorin

From: Jim Arnott <Jim.Arnott@enbridge.com>
Sent: Thursday, December 1, 2022 3:00 PM
To: Ponce Vanelli, Italia
Cc: Newton, Dorin
Subject: [EXTERNAL] RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Italia

Enbridge doesn't allow the access to drop box. I f I send you a OneDrive link can you put the files in to that folder?

Jim Arnott
Senior Advisor Capital Planning
Capital Development and Delivery

ENBRIDGE
TEL: 416-758-7901 | CELL: 647-393-3254 | jim.arnott@enbridge.com
101 Honda Blvd, Markham, Ontario L6C 0M5
enbridge.com
Safety. Integrity. Respect.

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:22 PM
To: Ann Newman <ann.newman@enbridge.com>; Jim Arnott <Jim.Arnott@enbridge.com>; mark-ups <Mark-Ups@enbridge.com>; Chris Taylor <Chris.Taylor@enbridge.com>; Ryan Werenich <Ryan.Werenich@enbridge.com>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: [External] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Thanks,

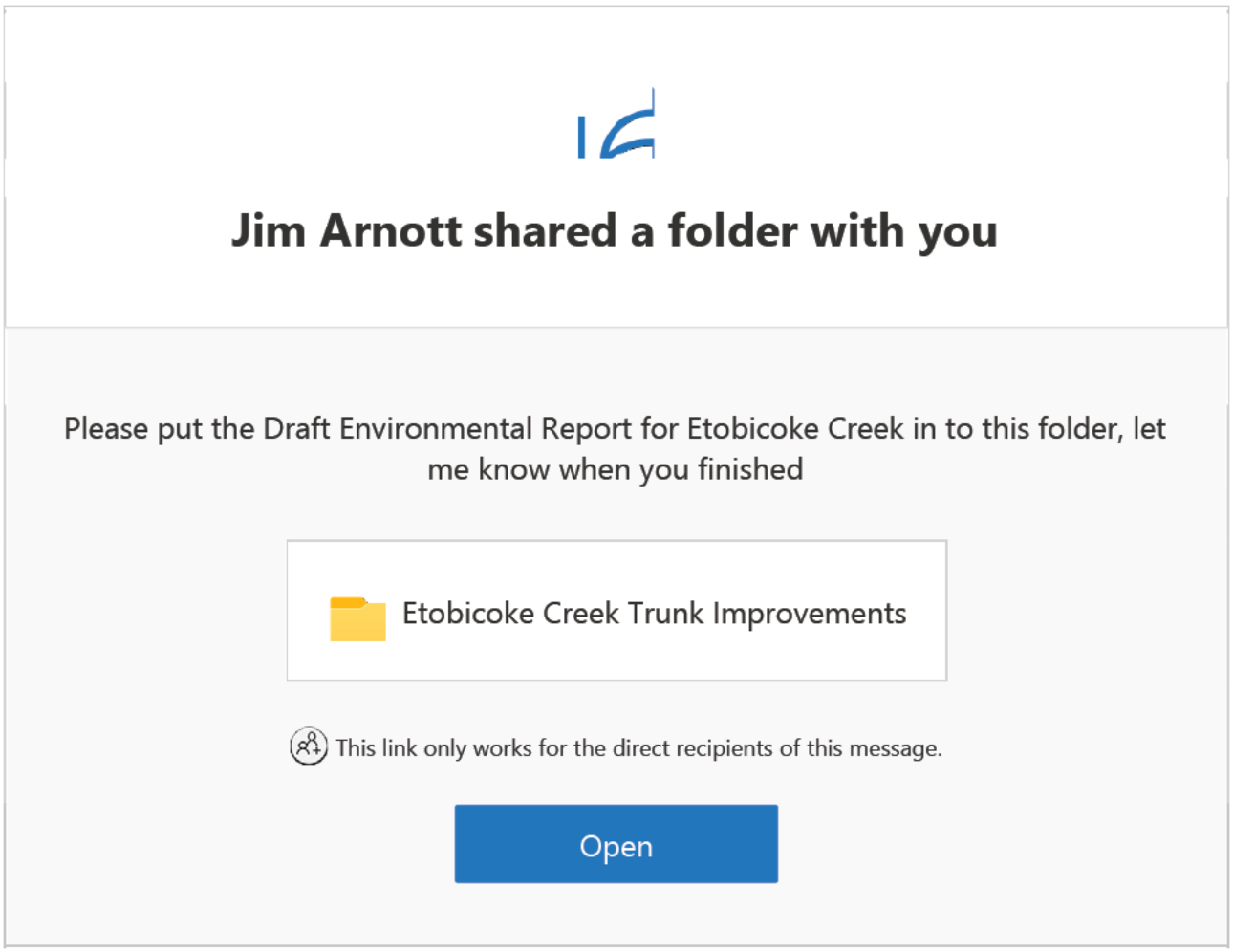
Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
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Newton, Dorin

From: Jim Arnott <Jim.Arnott@enbridge.com>
Sent: Thursday, December 1, 2022 3:18 PM
To: Newton, Dorin; Ponce Vanelli, Italia
Subject: [EXTERNAL] Jim Arnott shared the folder "Etobicoke Creek Trunk Improvements" with you.



Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:22 PM
To: ann.newman@enbridge.com; jim.arnott@enbridge.com; Mark-Ups@enbridge.com; chris.taylor@enbridge.com; ryan.werenich@enbridge.com
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
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Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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Thanks,

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Project Manager
Infrastructure Planning- Water & Wastewater Division
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10 Peel Centre Dr. Suite A – 4th Floor

Brampton ON L6T 4B9
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Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 3:06 PM
To: Jim Arnott
Cc: Newton, Dorin
Subject: [EXTERNAL] RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Absolutely!

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
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Region of Peel
working with you

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From: Jim Arnott <Jim.Arnott@enbridge.com>
Sent: December 1, 2022 3:00 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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Italia

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Jim Arnott
Senior Advisor Capital Planning
Capital Development and Delivery

ENBRIDGE
TEL: 416-758-7901 | CELL: 647-393-3254 | jim.arnott@enbridge.com
101 Honda Blvd, Markham, Ontario L6C 0M5
enbridge.com
Safety. Integrity. Respect.

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:22 PM
To: Ann Newman <ann.newman@enbridge.com>; Jim Arnott <Jim.Arnott@enbridge.com>; mark-ups <Mark-Ups@enbridge.com>; Chris Taylor <Chris.Taylor@enbridge.com>; Ryan Werenich <Ryan.Werenich@enbridge.com>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: [External] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Thanks,

Italia Ponce, P.Eng.

Project Manager
Infrastructure Planning- Water & Wastewater Division
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From: mark-ups <Mark-Ups@enbridge.com>
Sent: December 16, 2022 2:46 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: mark-ups <Mark-Ups@enbridge.com>; Arnel Mangalino <Arnel.Mangalino@enbridge.com>; Byron Madrid <Byron.Madrid@enbridge.com>; Michael Cromwell <michael.cromwell@enbridge.com>; Jeff Falkiner <Jeff.Falkiner@enbridge.com>; Ryan Chin <ryan.chin@enbridge.com>; Jim Arnott <Jim.Arnott@enbridge.com>
Subject: EGD 39765922 - [External] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades - CONFLICT - 32" & 42" VITAL GM

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

We have an objection to your proposed plant as indicated on your plans.

There is a direct conflict with our existing IMP NPS 42” Steel Coated Unodorized Transmission Pipeline and a potential proximity conflict with our existing Vital NPS 36” Steel Coated Extra High Pressure Pipeline. Test holes are required to confirm.

Please refer to our Cover Letter for information on our existing and proposed gas plant. To fulfil permitting conditions the Region of Peel was provided As Built and GPS records detailing the location of the IMP NPS 42” SC UTP pipeline after completion. Please advise if you are unable to access these records.

Refer to the Third-Party Requirements in the Vicinity of Natural Gas Facilities document for minimum clearance requirements.

Please review your proposal and make changes to your design to satisfy these requirements and resubmit to Mark-Ups@enbridge.com.

If relocation of either pipeline is required or to discuss in more detail, please contact the following:

IMP NPS 42" SC UTP - Jeff Falkiner, Manager Operations & Maintenance Engineering, jeff.falkiner@enbridge.com
VITAL NPS 36" SC XHP - Byron Madrid, Manager Capital Development and Delivery, byron.madrid@enbridge.com

Jamie Delaney

Utility Markups Specialist
Construction Services
—

ENBRIDGE GAS DISTRIBUTION
TEL: 416-495-6321, 866-326-2924 | FAX: 416-753-6941
500 Consumers Road North York, Ontario M2J 1P8

enbridgegas.com
Integrity. Safety. Respect.

Enbridge Gas Distr bution cannot provide information regarding the depth of cover over our gas infrastructure.
We suggest that a field locate be performed through Ontario One Call (1800-400-2255).
If further details are still required, it is suggested that test holes be performed by an outside party in order to determine the actual Enbridge Infrastructure depth.

NOTICE OF CONFIDENTIALITY: This information transmitted is intended for the person or entity to which it is addressed and may contain confidential and / or privileged material. Any review, re-transmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender immediately by return electronic transmission and then immediately delete this transmission, including any attachments, without copying, distributing or disclosing same.

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:22 PM
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Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: EGD 39765922 - [External] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

We have completed Phase 1-3 of the Municipal Class EA process and have prepared the **draft Environmental Study Report (ESR)**. The draft ESR summarizes the activities undertaken to date through Phases 1-3. The intent of this email is to provide you with the Draft Environmental Study Report for review, and to seek your input and comments.

Please kindly submit comments on the Draft ESR by **Monday January 9, 2023** to italia.ponce@peelregion.ca. To assist the project team in maintaining the project schedule please advise in advance if you are unable to provide comments by this date.
The Draft ESR will be available at the following website:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

We look forward to hearing form you.

Thanks,

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Thanks,

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Third-Party Requirements in the Vicinity of Natural Gas Facilities Standard

STANDARD

2021-09-29
ST-1E-30A8-8E30.V1.1.1
Enbridge Gas Inc.

Table of Contents

1 Introduction....4

2 Terms and Definitions....4

3 General Requirements....6

3.1 CER-Regulated Pipelines and Vital Pipelines....6
3.2 When Observation Is Required....7
3.3 Safe Excavation....7
3.4 Minimum Cover Requirements....7
3.5 Points of Thrust....8
3.6 Repair of Damaged Pipe and Pipe Coating....8
3.7 Encroachment....8
3.8 Tree Planting....8
3.8.1 Root Deflectors....9
3.9 Sewer and Drain Cleaning....9

4 Minimum Clearance from Other Structures....10

5 Pipeline Location Verification....10

5.1 Surface Road Work....10
5.2 Subgrade Road Work....11

6 Operation of Heavy Equipment....12

6.1 General....12
6.2 Equipment Moving Across the Pipeline....12
6.3 Equipment Moving Along the Pipeline....13

7 Support of Gas Pipelines....14

7.1 General....14
7.2 Support of Gas Pipelines Perpendicular to Excavation....14
7.3 Support of Pipelines Parallel to Excavation....16

8 Horizontal Directional Drilling....20

8.1 General....20
8.2 Drilling Parallel to Pipelines....21
8.3 Drilling Across Pipelines....23

9 Hydro-Excavation....25

9.1 General....25
9.2 Hydro-Excavation Requirements....26

10 Backfilling....26

11 Blasting and Pile Driving....27

11.1 General....27
11.2 Blasting....28
11.2.1 Surface and Tunnel Blasting Application Process....28
11.2.2 Guidelines for Blasting....28
11.2.3 Post Blasting....29
11.3 Pile Driving....29
11.3.1 Pile Driving Application Process....30
11.3.2 Pile Installation and Compaction Work....30

11.3.3 Post Pile Driving Process.....31
12 Contact Information..... 32
13 References..... 32
14 Document Governance..... 32
15 Soil Types.....34

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Third-Party Requirements in the Vicinity of Natural Gas Facilities Standard

1 Introduction

This document is intended for anyone involved in planning or carrying out work in the vicinity of Enbridge Gas Distribution and Storage's (GDS) network. It summarizes the requirements to be followed and specifies the technical requirements aimed at protecting GDS's facilities, and by extension, ensuring public and worker safety.

Within this document, "third party" refers to an individual or organization that is not employed by, or performing work under, contract to GDS. These requirements are applicable to work done by individuals such as homeowners, landowners, other utility companies, excavators, constructors, and contractors.

Third parties must follow the regulations and legislation applicable to their work in addition to these requirements. It is understood that all legal provisions applicable to work carried out around natural gas facilities take precedence over this document.

The terms "gas lines", "gas pipelines", and "mains" used throughout this document apply equally to natural gas mains and service lines, as well as any other component of GDS's natural gas systems found on public or private land.

All work in the vicinity of gas facilities must adhere to the requirements set forth in this document. Work includes, but is not limited to, any ground disturbance in the vicinity of facilities or equipment crossing. Ground disturbance includes, but is not limited to, activities associated with excavation, directional drilling, blasting, piling, compaction, boring, ploughing, grading, backfilling, and hand digging.

A locate of the facilities must be requested at least five business days prior to beginning any work. Locates are required before ground disturbance takes place.

2 Terms and Definitions

The following is a list of terms found in this document and their definitions.

applicant: The owner of the proposed work.

blaster: The person or persons responsible for setting the charges and performing the blast.

blasting, surface: An operation involving the excavation of rock foundations for various types of structures, grade construction for highways or railroads, or canals (trenches) for water supply or collection purposes.

blasting, tunnel: Operations involving the piercing of below-ground (generally horizontal) opening in rock.

compaction: Any vibration-generating operation that will result in a potential increase of the density of soils or controlled backfill materials. The means to increase the density may be static or dynamic.

constructor: A person who undertakes a project for an owner and includes an owner who undertakes all or part of a project by himself or by more than one employer (as defined by Occupational Health & Safety Act).

contractor or excavator: Any individual, partnership, corporation, public agency, or other entity that intends to dig, bore, trench, grade, excavate, hammer into, or break ground with mechanical equipment or explosives in the vicinity of a gas pipeline or related facility.

EGI: Enbridge Gas Inc.

facility: Any Enbridge Gas Distribution, Transmission, Storage pipeline, main, service, regulator station or storage facility and its related components.

Gas Distribution and Storage (GDS): Enbridge Gas Distribution and Storage, Gazifère Inc., Niagara Gas Transmissions Limited, 2193914 Canada Limited.

ground disturbance: Any work, operation, or activity on or under the existing surface resulting in a disturbance or displacement of the soil or ground cover. Ground disturbance can include, but is not limited to: activities associated with excavation, directional drilling, blasting, piling, compaction, boring, ploughing, grading, backfilling, and hand digging.

hand dig: To excavate using either a shovel with a wooden or fiberglass handle, or using hydro vacuum excavation equipment. The use of picks, bars, stakes, or other earth piercing devices are not considered hand digging.

independent engineering consultant: A professional engineer who is registered with the provincial or state professional engineering association and a holder of a certificate of authorization (C of A).

locate service provider: Any entity that performs locates under the terms of a locate service agreement.

pile: Any vertical or slightly slanted structural member introduced or constructed in the soil in order to transmit loads and forces from the superstructure to the subsoil; the structural member can also be used as a component of a retaining wall system.

pile driving: The placement of piles carried out by gravity hammer, vibratory hammer, auger, pressing, screwing, or any combinations of the above methods.

positive identification: Visually locating (daylighting, exposing, digging test holes to determine) the location, depth, and size of a below-grade facility by using either vacuum excavating or hand digging. This includes elevation or alignment changes that can alter the depth or direction of the pipe (e.g., 45° and 90° elbows, fittings, plugs, weldolets, flanges, branch piping, known abandoned facilities, etc.).

pre-Engineering review: A process by which third parties can request a pre-engineering review for any potential conflict analysis.

professional engineer: An engineer registered and licensed with the provincial professional engineering association in the jurisdiction in which the engineer is practicing.

rural: All areas outside urban areas.

temporary support: The support of gas pipelines before or during an excavation to protect the pipeline from its own weight and to minimize deflection stresses.

third party: An individual or organization that is not employed by or performing work under contract to GDS (e.g., homeowners, other utility companies, contractor, excavators, constructors, etc.).

urban: An area with a population of at least 1,000 and a density of 400 or more people per square kilometer.

vital pipeline: A subset of pipelines that are critical to the safe and reliable operation of the natural gas system. Damages to vital mains could result in significant negative impact to public and worker safety or significant customer outages. This subset of mains consists of CER-regulated (Canada Energy Regulator) pipelines, transmission pipelines, and select distribution pipelines.

3 General Requirements

3.1 CER-Regulated Pipelines and Vital Pipelines

The CER regulates natural gas, oil, and commodity pipelines that extend beyond provincial, territorial, or national boundaries. All work in the prescribed area (within 30 m [100 ft] from each side of the CER-regulated pipeline) must be reviewed by the applicable CER-regulated operating company prior to commencing. This review is a regulatory requirement of the CER.

Mains are designated as vital pipelines by GDS. These include, but are not limited to, any pipeline NPS 16 or larger, transmission pipelines, CER-regulated pipelines, all pipelines operated by Storage and Transmission Operations (STO), and select distribution pipelines. The designation of a vital pipeline may change at the discretion of GDS. Vital Pipelines will be identified through locates. In these requirements, special considerations for CER-regulated pipelines and vital pipelines will be highlighted.

All work within 5 m (16 ft) from either side of lines operated by STO must be approved by GDS prior to commencing. For all other vital pipelines, all ground disturbance work within 3 m (10 ft) from either side of the vital pipeline must be approved by GDS prior to commencing. Approval by GDS may include specific conditions that third parties must follow. GDS may require representation on site for any ground disturbance work within the vicinity of vital pipelines and CER-regulated pipelines.

3.2 When Observation Is Required

A GDS representative is required to be on site to ensure the excavation or third-party activity is being safely completed near a pipeline when:

- Excavation with mechanical equipment will occur within 5 m (16 ft) of CER-regulated pipelines and all lines operated by STO.
- Excavation with mechanical equipment may take place within 3 m (10 ft) of vital pipelines and pipeline segments.
  Once the pipeline is exposed, mechanical excavation is then permitted up to 1 m (3.3 ft) from the pipeline.
- It is anticipated that blasting will take place within 30 m (100 ft) of any pipeline.
- Any other situations which requires observation, as deemed necessary by EGI.

3.3 Safe Excavation

Mechanical excavation is not permitted within 5 m (16 ft) of CER-regulated pipelines and 3 m (10 ft) of vital pipelines, unless verified visually. After the exact location of the main is verified visually, mechanical excavation is allowed up to 1.0 m (3.3 ft) from the pipeline. Within 1 m (3.3 ft) of the CER-regulated or vital pipeline, only hand digging or hydro-excavation is allowed.

Mechanical excavation may not begin within 3 m (10 ft) of the pipe until:

- The pipe has been exposed by the excavator, under the supervision of GDS, by hand at the point of crossing, or the pipeline company has located the pipe and confirmed that it is at least 0.6 m deeper than the proposed excavation.
- The excavation is parallel, or the pipe has been exposed by handto confirm the location of the pipe.

For all non-vital pipelines, mechanical excavation is not allowed within 1 m (3.3 ft) of the locate marks of the pipeline, until the exact location of the pipeline has been visually verified. The excavator must expose the pipeline by hand digging or hydro-excavation. Once the pipeline is exposed, mechanical excavation is then permitted up to 0.3 m (1 ft) from the pipeline. Within 0.3 m (1 ft) of any pipeline, only hand digging or hydro-excavation is permitted.

Only handheld compaction equipment may be used within 1 m (3.3 ft) of the sides or top of all gas pipelines. When ground conditions make hand excavation impractical (e.g., frost), the pipeline company may permit excavation to within 1 m (3.3 ft) of the pipeline if the pipeline company considers it safe to do so and directly supervises the excavation.

Spoil from excavation must not be piled on the pipeline or its easement.

3.4 Minimum Cover Requirements

Table 3-1: Minimum Cover Requirements on page 8 defines mains and services cover requirements. In all cases where the depth of cover requirements cannot be met, contact GDS to review depth of the cover requirements.

Table 3-1: Minimum Cover Requirements

Pipeline	Location	Minum Cover m (ft)
Mains	Under traveled surfaces (roads), road crossings	1.2 m (4 ft)
	Right-of-ways	1 m (3.3 ft)
	Highways	1.5 m (5 ft)
	Water crossings, and below drainage and irrigation ditches	1.2 m (4 ft)
Services	Private property	0.5 m (1.6 ft)
	Road crossings	0.9 m (2.9 ft)

3.5 Points of Thrust

Additional precautions may need to be taken when working in the vicinity of points of thrust. Points of thrust occur at pipeline fittings such as elbows (45° or 90°), end caps, weld tees, reducers, closed valves, and reduced port valves. If a point of thrust is identified through the locate process, GDS may require additional time to review the proposed work area. In the event that the excavation involves exposing a point of thrust or exposing an area near a point of thrust, GDS may provide written specific instructions that are to be followed. Failure to follow these instructions can result in significant harm to persons, property, or the environment.

3.6 Repair of Damaged Pipe and Pipe Coating

In all cases where the pipeline or the pipeline coating is damaged by construction activities, GDS must be contacted immediately and the excavation left open until GDS personnel have made the necessary repairs.

3.7 Encroachment

Permanent awnings and roof structures are prohibited above GDS's facilities within public rights-of-way or GDS's rights-of-way. GDS will not accept responsibility for any damages resulting from maintenance or operation of its facilities to encroaching structures within the public or GDS rights-of-way. Examples of encroaching structures include: bus shelters, street benches, and garbage bins.

GDS requires approval for all permanent structures to be built within 7 m (22.9 ft) of GDS's vital pipelines. This requirement is in place to allow GDS sufficient access and working space should an inspection or repair be needed.

3.8 Tree Planting

When planting trees, the gas pipeline in and near the area of excavation must be located to ensure enough clearance is maintained between the pipeline and the tree.

For all vital pipelines (including CER and transmission pipelines), trees or large shrubs must maintain a horizontal clearance between the edge of the root ball or open bottom container to the adjacent edge of the existing pipelines of not less than 3.0 m (10 ft), or as specified in any applicable easement agreement.

For all other pipelines, a minimum horizontal clearance of 1.2 m (4 ft) is recommended between the edge of the root ball or open bottom container and adjacent edge of the existing gas pipeline.

In cases where the recommended clearance cannot be achieved, GDS may specify the installation of a root deflector.

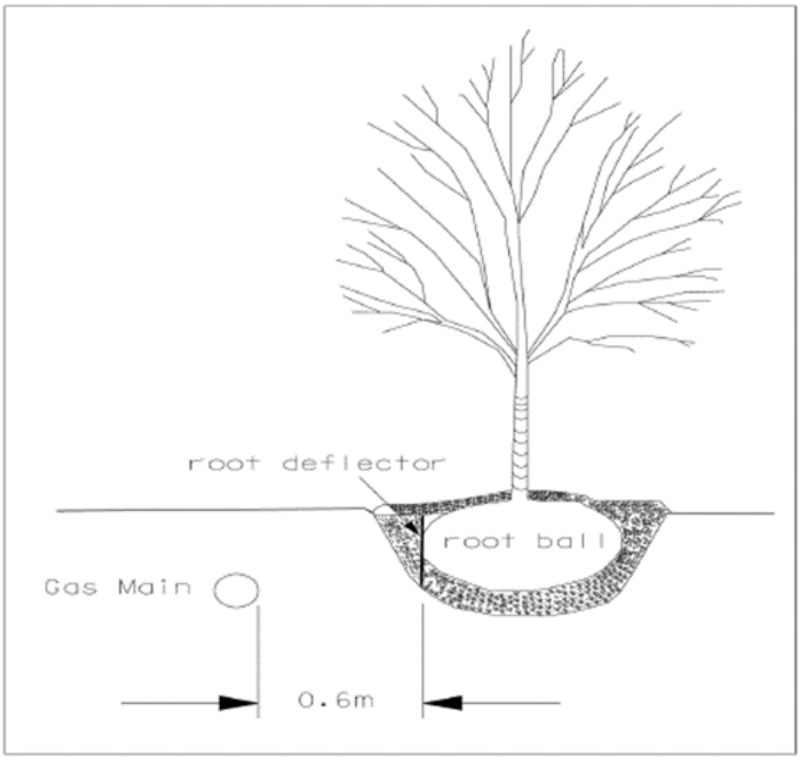
3.8.1 Root Deflectors

A root deflector is a physical barrier placed between tree roots and pipelines to prevent damage to the pipelines. A root deflector can be made from 1/4 in thick rigid plastic, fiberglass, or other non-degradable material. The root deflector is intended to prevent the root tips from attaching to the gas main.

Typically, root deflectors are straight barriers or encircle the tree. If installed as a straight barrier, the root deflector should be installed at a minimum 0.6 m (2 ft) from the pipeline on the tree-side of the pipeline. Also, it should extend parallel to the pipeline in both directions for 1.2 m (4 ft) measured from the centre of the tree trunk.

Root deflectors usually have a collar to keep the top of the deflector at ground level, and extend down to the bottom of the root-ball as shown in Figure 1: Example of a Root Deflector.

Figure 3-1: Example of a Root Deflector



3.9 Sewer and Drain Cleaning

Prior to sewer clearing activity using mechanical cutting or high pressure jetting equipment, the third party should call into Ontario One Call at 1-800-400-2255 for a

cross bore sewer safety inspection. An EGI employee or contractor will attempt to attend the site within two hours to complete the inspection.

4 Minimum Clearance from Other Structures

The following clearances must be maintained between the circumference of the gas pipeline and other underground structures:

Table 4-1: Minimum Clearance Between Gas Pipelines (Less than NPS 16) and Other Underground Structures

Direction	Minimum Clearance m (ft)
Horizontal	0.6 m (2 ft)
Vertical	0.3 m (1 ft)

Table 4-2: Minimum Clearance Between CER-regulated Pipelines and Vital Pipelines and Other Underground Structures

Direction	Minimum Clearance m (ft)
Horizontal	1 m (3.3 ft)
Vertical	0.6 m (2 ft)

Additional clearance or mitigation may be required for installations (such as transit systems or power transformers) that will introduce DC stray current interference or AC fault hazards.

Note

For all pipelines (including vital pipelines), when drilling parallel to the pipeline, a minimum horizontal clearance measured from the edge of the pipeline to the edge of the final bore hole of 1 m (3.3 ft) is required.

5 Pipeline Location Verification

5.1 Surface Road Work

Surface road work applies to ground disturbance on travelled roadways related to the removal of hard-surfaces only. For any ground disturbance work, locates must be obtained prior to commencing and the excavator must ensure accuracy of the locate by reviewing the locate paperwork with the physical locate markings. Surface road work can be completed without the requirement to positively identify EGI pipelines, provided no mechanical equipment will be used within 1 m (3.3 ft) horizontally of the located pipelines. If mechanical excavation is required within 1 m (3.3 ft) of the locate during any surface road work or work that will take place deeper than removal of the hard surface, the excavator must follow rules outlined in 5.2 Subgrade Road Work on page 11 for positive identification requirements.

5.2 Subgrade Road Work

Subgrade road work is any road work exceeding the depth required for removal of the hard surface that enters the sub-surface. The boundary area for the pipeline is the distance that is identified off the locate marks of the pipeline and applicable boundary areas are highlighted in Table 5-1: Boundary Areas on page 11.

Table 5-1: Boundary Areas

Pipeline	Boundary Area
Vital pipelines (≥ NPS 24)	3 m (10 ft)
Vital pipelines (< NPS 24)	2 m (6 ft)
Non-vital pipelines (all sizes)	1 m (3 ft)

Note

Work within the boundary areas must comply with the positive identification requirements set in Table 8-2: Pipeline Location Verification Requirements for Vital Pipelines on page 22 and Table 8-3: Pipeline Location Verification Requirements for All Other Pipelines on page 22.

If these guidelines cannot be complied with, the excavator must submit a variance request work package. No variance will be provided for work within 1 m (3.3 ft) of any pipeline. The variance work package must include, at a minimum, the following information:

- Pre-Engineering design.
- Location of EGI facilities with respect to proposed excavation area (vertical and horizontal offsets).
- Location of proposed excavation area (vertical and horizontal offsets off permanent landmarks).
- Pipeline protection plan.

If a variance is requested, the excavator must also provide a physical barrier (e.g., silt fence), which would denote the boundary of the pipeline, where possible.

8.2 Drilling Parallel to Pipelines on page 21 and Table 8-3: Pipeline Location Verification Requirements for All Other Pipelines on page 22 indicate GDS's minimum requirements for the verification of the pipeline location based on the nature of the work. The frequency and location of test holes may change at the

discretion of GDS. Additional test holes may be required to sufficiently confirm the location of the pipeline (e.g., regulator stations).

Note

Non-mechanical equipment must be used when working within 1 m (3.3 ft) of any pipeline. If mechanical equipment is required for use around non-vitals, the pipeline must be positively identified using hand tools or hydro-excavation. Once the non-vital pipeline location has been visually identified through positive identification requirements listed in the 8.2 Drilling Parallel to Pipelines on page 21 and Table 8-3: Pipeline Location Verification Requirements for All Other Pipelines on page 22, mechanical equipment can be used up to 0.3 m (1 ft) of the non-vital pipeline and 1 m (3.3 ft) of a vital pipeline.

When using hydro-vacuum excavation as an alternative to hand digging, see 9 Hydro-Excavation on page 25 for safe operating practices.

6 Operation of Heavy Equipment

6.1 General

Additional precautions are necessary when equipment in excess of the weights listed in Table 5: Vehicle Load Restrictions is operated in the vicinity of buried facilities where no pavement exists or where grading operations are taking place.

Table 6-1: Vehicle Load Restrictions

Pipe Material	Weight/Axle Maximum Allowable Load kg (lb)
Plastic	7,000 kg (15,400 lb)
Steel	10,000 kg (22,046 lb)

Prior to any crossing, the location of the gas main must first be staked out by a GDS representative.

The excavator is responsible for confirming the location and depth of the main. Test hole spacing must not exceed 50 m (160 ft).

6.2 Equipment Moving Across the Pipeline

Crossing locations for heavy equipment must be kept to a minimum.

The crossing locations must be determined by GDS after reviewing:

- The nature of the construction operation.
- The types and number of equipment involved.
- The line and depth of the existing gas main.

The use of equipment is contingent upon the review by GDS. Once the crossing locations have been established, heavy equipment is restricted to crossing at these

locations only. It is the responsibility of the third party to inform their personnel of the crossing location restrictions.

Pipelines may require additional protection at crossing locations by constructing berms or installing steel plates over the pipeline.

Unless expressly allowed by the temporary crossing consent, equipment that crosses pipelines must be subject to the following conditions:

- The numbers of crossings back and forth must be kept to a minimum.
- Equipment must not remain stationary on top of a pipeline.
- Equipment must not cross with loaded side boom or other unbalanced loads.
- Equipment must cross perpendicular (not parallel) to the pipeline. The crossing angle for installations must be within 45° to 90° (with preference for as close to perpendicular as possible).
- Equipment must operate at slow speeds when crossing a pipeline in order to minimize loading impact.
- Existing cover over a pipeline must not be reduced; any loss of cover (e.g., due to rutting) must be promptly restored prior to crossing.
- Vibratory compaction equipment must not operate within 1.2 m (4 ft) of a pipeline.

6.3 Equipment Moving Along the Pipeline

Heavy equipment can be operated parallel to existing pipelines provided that a minimum offset of both:

- 1 m (3.3 ft) is maintained on pipeline sizes less than NPS 16.
- 2 m (6.6 ft) on pipeline sizes NPS 16 and larger, unless otherwise directed by GDS.

Only lightweight, rubber-tired equipment may be operated directly over the existing gas pipelines, unless a minimum pipe cover of twice the pipe diameter or 1 m (3.3 ft) (whichever is greater) can be verified. The use of all other equipment is contingent upon review and approval by GDS.

Unless expressly allowed by the temporary crossing consent, equipment moving along pipelines is subject to the following conditions:

- Equipment must operate at slow speeds when moving along a pipeline.
- Existing cover over a pipeline must not be reduced; any loss of cover (e.g., due to rutting) must be promptly restored prior to moving along the pipeline.

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- Vibratory compaction equipment must not operate within 1.2 m (4 ft) of a pipeline.

Note

When crossing perpendicular to a pipeline that is smaller than NPS 16 (excluding vital pipelines), the vertical clearance outlined in Table 2: Minimum Clearance Between Gas Pipelines (Less than NPS 16) and Other Underground Structures may be used as long as all positive identification requirements are also followed.

Note

When crossing perpendicular to a pipeline that is NPS 16 or larger, or crossing any CER-regulated pipelines or vital pipelines, a minimum vertical clearance of 1 m (3.3 ft) is required; 8 Horizontal Directional Drilling on page 20.

7 Support of Gas Pipelines

7.1 General

The support requirements specified in this section are the minimum requirements. GDS must be notified regarding the support of any gas main. GDS has complete discretion in the approval of any support system. Additionally, if a pipeline is to be exposed for longer than one month, approval must be sought from GDS and work must follow the requirements outlined in 3 General Requirements on page 6. Third parties must not depart from these support requirements unless a professional engineer working for or on behalf of the third party has designed an alternative method. Any alternative method must be comparable to these specifications and be, in the opinion of the professional engineer, consistent with good engineering practices. The alternative specification must be documented, approved by a professional engineer and provided to GDS for review prior to the commencement of work. The third party is responsible for the adequate support of the buried gas pipelines exposed during excavation according to this section.

Prior to any crossing, the location of the gas main must first be staked out by a GDS representative.

7.2 Support of Gas Pipelines Perpendicular to Excavation

Temporary support refers to the support of gas pipelines prior to or at the time of excavation to protect the pipeline from deflection due to its own weight while it is exposed. Temporary support must remain in place until the backfill material underneath the pipeline is compacted adequately to restore support of the pipeline.

Before trenching beneath a main or service, temporary support must be erected for pipelines if the unsupported span of pipe in the trench exceeds the length indicated in Table 7-1: Maximum Span without Support Beam on page 15.

Note

For pipelines larger than NPS 16, GDS must be contacted. Contact information can be found in the 12 Contact Information on page 32.

When temporary support is required, Table 7-2: Support Beam Sizes and Maximum Span Between Beam Supports on page 15 indicates the required beam for a given span. The beam must be a continuous length grade No. 1 Spruce-Pine-Fir (S-P-F) or equivalent. For spans exceeding 4.5 m (15 ft), a continuous length timber beam may not be available. In that case, steel I-beams (or equivalents) can be used as the support beam. Steel beam selection must be certified by a professional engineer and submitted to GDS for review.

Table 7-1: Maximum Span without Support Beam

Pipe Size (NPS)	Steel m (ft)	PE (polyethylene) m (ft)
1/2	2 m (6.6 ft)	1 m (3.3 ft)
3/4 to 1-1/4	2.5 m (8.2 ft)	1.25 m (4.1 ft)
2	3 m (10 ft)	1.5 m (5 ft)
3 to 4	4.5 m (15 ft)	1.75 m (6 ft)
6	6 m (20 ft)	2 m (7 ft)
8	7 m (23 ft)	2 m (7ft)
10	8.5 m (28 ft)	-
12	10 m (33 ft)	-
16	11.5 m (38 ft)	-

Table 7-2: Support Beam Sizes and Maximum Span Between Beam Supports

	Steel	Plastic	
Pipe Size (NPS)	≤ 4.5 m	≤ 2 m	≤ 4.5 m
1/2 to 2	4 × 6	4 × 6	6 × 8
3 to 6	-	6 × 6	8 × 8

Note

In all cases where the support beam size requirements cannot be met, GDS must be contacted to review support beam requirements.

The beam must be placed above the pipe with the ends of the beam resting on firm undisturbed soil. The beam must not bear directly on the gas pipeline. The pipe must be supported from the beam with rope, canvas sling, or equivalent in a manner that will prevent damage to the pipe and coating and eliminate sag. The spacing between the ropes must not exceed 1 m (3.3 ft); see Figure 7-1: Support of Gas Pipelines Crossing Excavations on page 18.

Backfill material underneath the exposed pipeline must be compacted to a minimum of 95% compaction. Sand padding must be placed to a level 150 mm (6 in) below and above the main. For additional details, see 10 Backfilling on page 26.

Perform compaction with the loose lift height not exceeding 200 mm (8 in) or one-quarter of the trench width, whichever is less. Injecting water into the backfill beneath the pipe is not an acceptable method of compaction.

All temporary support on pipelines must be removed before backfilling. Adequate support must remain in place until the backfill material has restored support.

7.3 Support of Pipelines Parallel to Excavation

Two cases exist for pipelines parallel to an excavation:

- Trench < 1.2 m deep
- Trench > 1.2 m deep

In either instance, the pipeline must not be exposed unless it is necessary to provide direct support.

Trench wall support may not be required for excavations provided the pipeline meets all of the following criteria:

- Depth is less than 1.2 m (4 ft).
- the pipeline is at least 0.6 m (2 ft) from the edge of the excavation or outside the 45° line projected upward from the trench bottom; see Figure 7-3: Influence Lines for Gas Pipelines Adjacent to Excavations on page 20.
- Soil is stable (type 1 or 2, see Table 15-1: Soil Types on page 34)

If the pipe does not meet these requirements and the soil is soft clay or sand (soil types 3 and 4), then the excavation must be suitably shored to prevent movement of the pipe. The shoring must remain in place until the backfill material has restored support.

Trench wall support is required for excavations if any one of the following conditions exist:

- Depth is ≥ 1.2 m (4 ft).
- The pipeline is closer to the edge of the excavation than the minimum allowed distance indicated Table 7-3: Minimum Allowed Distance from Main to Excavation on page 17.
- Depth is < 1.2 m (4 ft) and the soil is unstable (type 3 or 4, see Table 15-1: Soil Types on page 34).

Note

Adequate support must remain in place until the backfill material has restored support.

Minimum distances from the edge of the trench to the pipeline in which the excavation influences pipelines are shown in Table 7-3: Minimum Allowed Distance from Main to Excavation on page 17. The pipeline must be supported if these minimum distances cannot be met.

Table 7-3: Minimum Allowed Distance from Main to Excavation

Trench Depth (m)	Soil[a] Type 1 and 2	Soil[a] Type 3 and 4
1.2 m (3.9 ft)	0.9 m (3 ft)	0.9 m (3 ft)
1.5 m (4.9 ft)	0.9 m (3 ft)	0.9 m (3 ft)
1.8 m (5.9 ft)	0.9 m (3 ft)	0.9 m (3 ft)
2.1 m (6.9 ft)	0.9 m (3 ft)	0.9 m (3 ft)
2.4 m (7.9 ft)	0.9 m (3 ft)	0.9 m (3 ft)
2.7 m (8.9 ft)	0.9 m (3 ft)	1 m (3.3 ft)
3 m (9.8 ft)	0.9 m (3 ft)	1.5 m (4.9 ft)
3.3 m (10.8 ft)	0.9 m (3 ft)	1.8 m (5.9 ft)
3.6 m (11.8 ft)	0.9 m (3 ft)	2.2 m (7.2 ft)
3.9 m (12.8 ft)	0.9 m (3 ft)	2.5 m (8.2 ft)
4.2 m (13.8 ft)	0.9 m (3 ft)	3 m (9.8 ft)
4.5 m (14.8 ft)	1 m (3.3 ft)	3.4 m (11.2 ft)
4.8 m (15.7 ft)	1.5 m (4.9 ft)	3.8 m (12.5 ft)
5.1 m (16.7 ft)	2 m (6.6 ft)	4.1 m (13.5 ft)
5.4 m (17.7 ft)	2.5 m (8.2 ft)	4.6 m (15.1 ft)
5.7 m (18.7 ft)	3 m (9.8 ft)	5 m (16.4 ft)
6 m (19.7 ft)	3.4 m (11.2 ft)	5.5 m (18 ft)

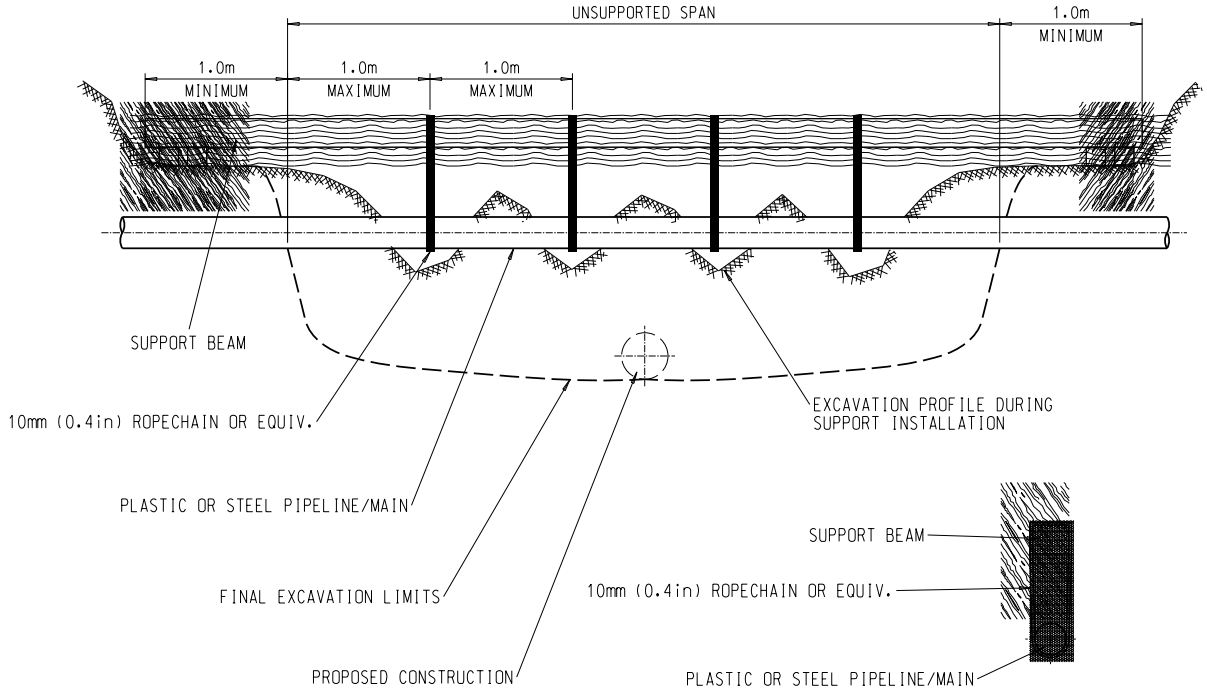
a. As defined in the Occupational Health and Safety Act.

For pipelines where the trench bottom is below the water table, the trench must be suitably shored as per the trench wall support requirements.

Any pipeline that is exposed for a length greater than indicated in Table 7-1: Maximum Span without Support Beam on page 15 requires a field assessment.

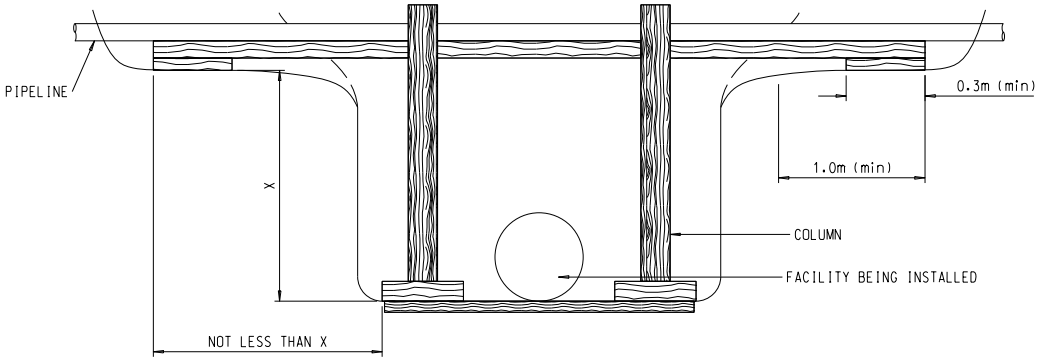
For steel and polyethylene pipelines within the minimum distances given in Table 7-3: Minimum Allowed Distance from Main to Excavation on page 17, support must remain in place until backfill material restores support.

Figure 7-1: Support of Gas Pipelines Crossing Excavations



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Figure 7-2: Typical Temporary Supports for Pipelines Crossing the Trench – Span Exceeds 4.5 m



NOTES:
1. LAMINATED 4X6 TIMBER BEAM REQUIRED BENEATH ALL NPS 1/2 - NPS 2.
2. LAMINATED 6X6 TIMBER BEAM REQUIRED BENEATH ALL NPS 3 - NPS 6.
3. LAMINATED 8X8 TIMBER BEAM REQUIRED BENEATH ALL NPS 8 - NPS 12.
4. COLUMN SIZE SHALL MATCH LAMINATED TIMBER BEAM REQUIREMENT.
5. COLUMN TO BE SPACED AS SPECIFIED BY PIPELINES AND STATIONS OPERATIONS ENGINEERING.
6. PLASTIC PIPE AND COATING ON STEEL PIPE TO BE PROTECTED FROM SUPPORTS AND STRAPPINGS WITH A PIECE OF RUBBER TIRE OR EQUIVALENT.
7. PLASTIC PIPE MUST BE SUITABLY STRAPPED O PREVENT MOVEMENT OFF THE BEAM.
8. ADDITIONAL SUPPORTS WILL BE REQUIRED AT MECHANICAL COUPLINGS OR VALVES.

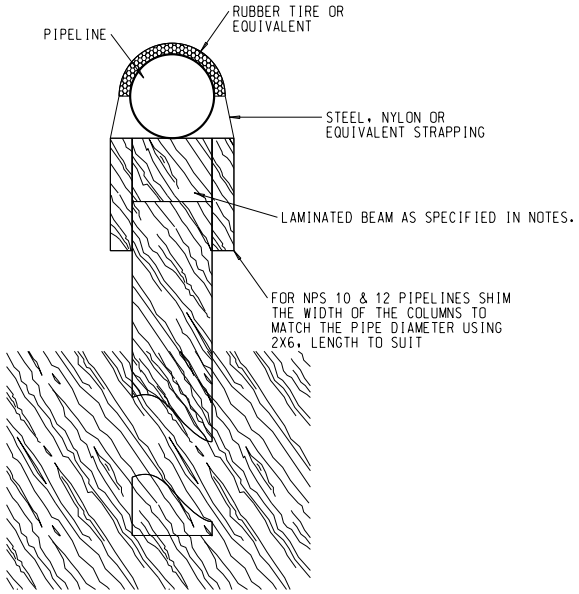
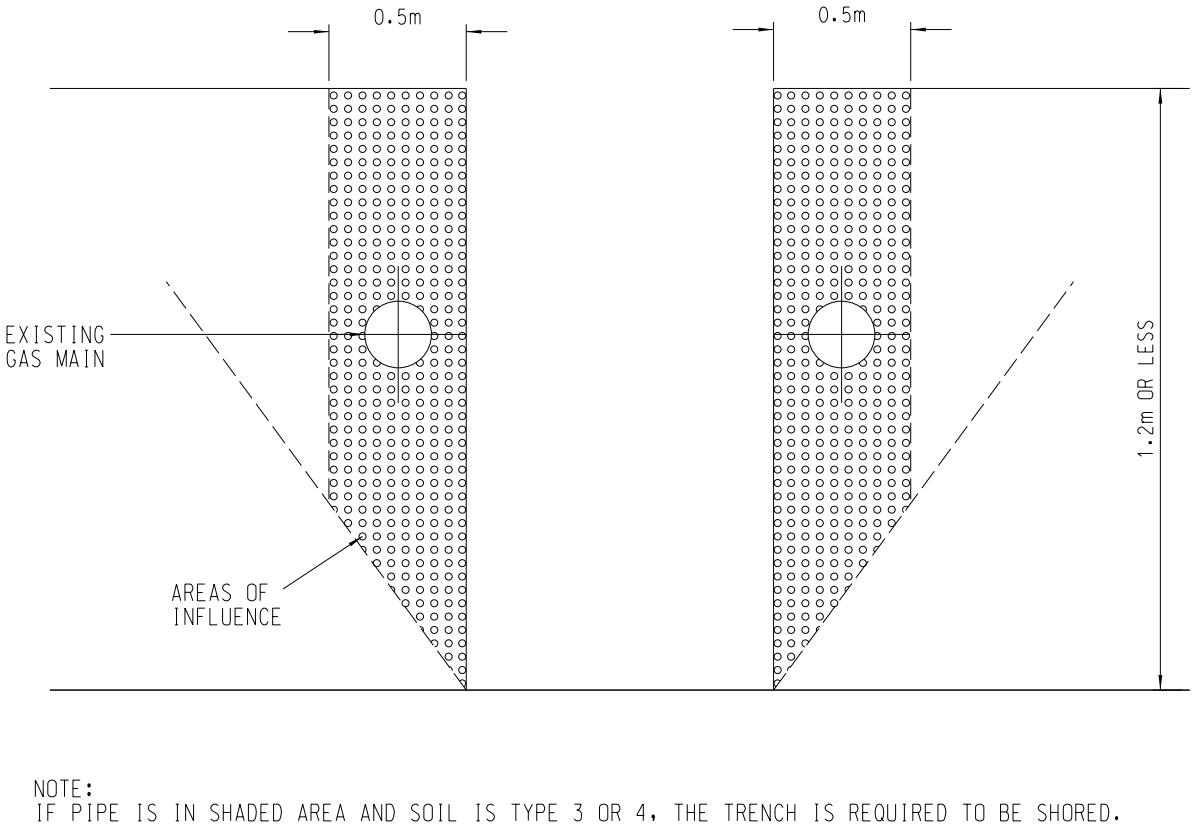


Figure 7-3: Influence Lines for Gas Pipelines Adjacent to Excavations



8 Horizontal Directional Drilling

8.1 General

Horizontal directional drilling (HDD) or directional boring is a steerable trenchless method of installing underground facilities. Trenchless technology is used where utilities being crossed are positively identified to confirm location.

For installations using any other type of drilling or augering equipment in the vicinity of gas facilities, GDS must be contacted.

In all cases, positive identification holes are required to visually verify the drill head's location (including depth) relative to the measurement of the tracking equipment. For positive identification hole requirements, see Figure 8-2: Pipeline

Location Verification and Clearance Requirements for HDD for crossing all pipelines (including Vital Pipelines) on page 25. For pipeline location verification and clearance requirements for all horizontal directional drilling see Table 8-1: Pipeline Location Verification and Clearance Requirements for HDD for all Pipelines (including Vital Pipelines) on page 21.

If these guidelines cannot be complied with, a variance request work package must be submitted. No variance will be provided for work within 1 m (3.3 ft) of any pipeline. The variance work package must include, at a minimum, the following information:

- Pre-Engineering design.
- Location of EGI facilities with respect to proposed installation area (vertical and horizontal offsets).
- Location of proposed installation area (vertical and horizontal offsets off permanent landmarks).
- Pipeline protection plan.

If a variance is requested, a physical barrier (e.g., silt fence) must also be provided, which would denote the boundary of the pipeline, where possible.

Table 8-1: Pipeline Location Verification and Clearance Requirements for HDD for all Pipelines (including Vital Pipelines)

Location of Work Relative to Pipeline[a]	Required Verification of Pipe Location by Hand Digging or Hydro-Excavation
Crossing below pipeline (HDD)	All sides of pipeline (including below pipeline) exposed to 1.0 m (3.3 ft) from the pipeline's sidewalls. Additional positive identification hole at 2.0 m to 4.0 m (6.6 ft to 13.1 ft) prior to the daylight hole at the crossing, to verify depth and trajectory of drill head and backreamer.
Crossing above pipeline (HDD)	Top of pipeline and all sides exposed to 1.0 m (3.3 ft) or 1.0 m (3.3 ft) below the proposed installation. Additional positive identification hole at 2.0 m to 4.0 m (6.6 ft to 13.1 ft) prior to the positive identification hole at the crossing, to verify depth and trajectory of drill head and backreamer.

a. See Figure 8-2: Pipeline Location Verification and Clearance Requirements for HDD for crossing all pipelines (including Vital Pipelines) on page 25.

8.2 Drilling Parallel to Pipelines

When the proposed route is parallel to a natural gas pipeline at a perpendicular distance of 3 m (10 ft) or less, positive identification must be performed at intervals of no more than 10 m (33 ft) along the drilling path so that the precise location of the drilling head and backreamers (if any) can be verified visually. These

excavations must be sufficiently wide to see the entire width of the drilling head, backreamers, and structures from entry point to exit point.

Note

The location of the pipeline must be visually confirmed as per the requirements set out in Table 8-2: Pipeline Location Verification Requirements for Vital Pipelines on page 22 and Table 8-3: Pipeline Location Verification Requirements for All Other Pipelines on page 22.

Note

For all pipelines (including vital pipelines), when drilling parallel to the pipeline, a minimum horizontal clearance of 1 m (3.3 ft) is required.

Table 8-2: Pipeline Location Verification Requirements for Vital Pipelines

Location of Work Relative to Pipeline[a]	Required Verification of Pipe Location by Hand Digging or Hydro-excavation
Work parallel to pipe, within 1 m (3.3 ft)	Spacing of test holes must not exceed 4.5 m (15 ft)
Work parallel to pipe, between 1 m (3.3 ft) and boundary area of pipeline based on size	Spacing of test holes must not exceed 4.5 m (15 ft)[b]
Crossing below pipeline (open excavation)	Top and sides of pipeline, and 0.6 m (2 ft) below the pipeline
Crossing above pipeline (open excavation)	Top and sides of pipeline, or 0.6 m (2 ft) below the proposed installation

a. Test holes must expose top and sides of pipeline

b. For work parallel to pipe, between 1 m (3.3 ft) and boundary area of pipeline based on size, for rural applications, test holes must be completed for any change in direction of the pipeline every 23 m (75 ft).

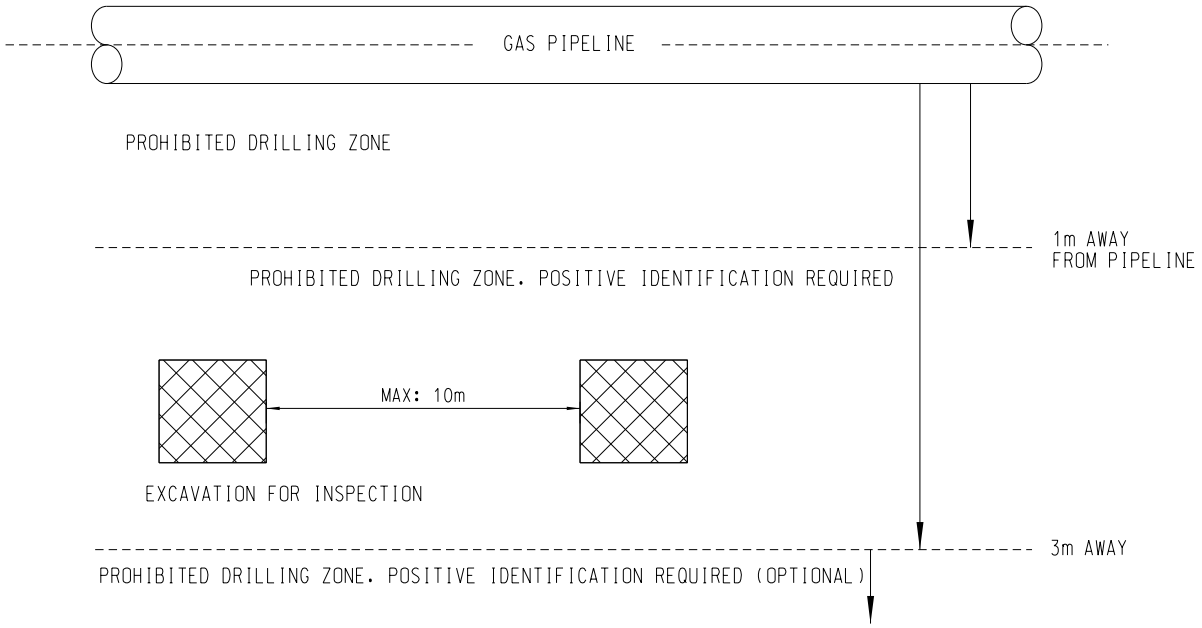
Table 8-3: Pipeline Location Verification Requirements for All Other Pipelines

Location of Work Relative to Pipeline	Required Verification of Pipe location by hand digging or hydro-excavation
Work parallel to pipe, inside of boundary area (1 m [3.3 ft])	Spacing of test holes must not exceed 4.5 m (15 ft)
Crossing below pipeline (open excavation)	For less than NPS 12: Top of pipeline and all sides of the pipeline, or 0.3 m (1 ft) below the pipeline For NPS 12 and larger: Top of pipeline and all sides of the pipeline, or 0.6 m (2 ft) below the pipeline
Crossing above pipeline (open excavation)	For less than NPS 12: Top of pipeline and all sides of the pipeline,or 0.3 m (1 ft) below the proposed installation For NPS 12 and larger: Top of pipeline and all sides of the pipeline, or 0.6 m (2 ft) below the proposed installation

No drilling installation may be performed within a distance of 1 m (3.3 ft) or less from either side of the pipeline. This buffer zone must be clearly designated and

marked off around the work area. This prohibited zone may be widened in some cases.

Figure 8-1: Drilling Parallel to Pipelines



8.3 Drilling Across Pipelines

When the proposed drill path crosses a GDS pipeline, the pipeline must be exposed to the desired depth of the crossing to ensure that the natural gas pipeline is not affected and that the required clearance is maintained during all drilling operations. All minimum clearances must be measured from the outer edge of the drill, including backreamers (if any), to the outer circumference of the pipeline.

To ensure that the directional drilling operation will not result in damage to the pipeline, the following positive identification hole requirements must be followed:

- A positive identification hole must be created that is sufficiently wide enough to see the drill head and backreamer entering the excavation at a minimum

of 1 m (3.3 ft) before crossing the pipeline. See Figure 8-2: Pipeline Location Verification and Clearance Requirements for HDD for crossing all pipelines (including Vital Pipelines) on page 25 positive identification hole 1.

- A second positive identification hole must be created prior to reaching the pipeline such that the precise location of the drill head and backreamer (if any) can be verified visually. The positive identification hole must be sufficiently wide to measure the depth and trajectory of the drill head and backreamer. See Figure 8-2: Pipeline Location Verification and Clearance Requirements for HDD for crossing all pipelines (including Vital Pipelines) on page 25 positive identification hole 2.

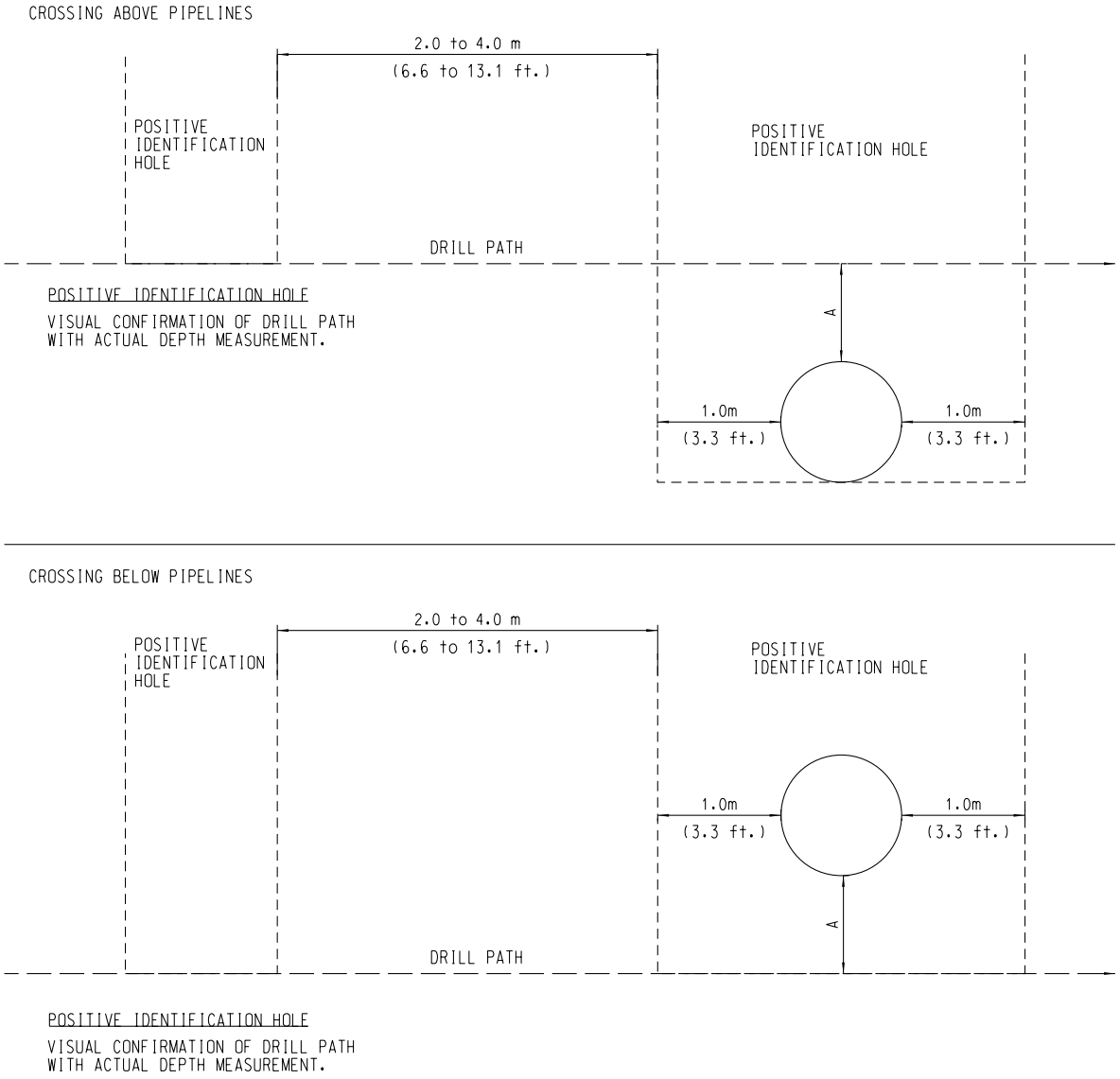
When drilling across pipelines that are smaller than NPS 16 (excluding vital pipelines), the vertical clearance, measured from the edge of the pipeline to the edge of the final bore hole, may follow the vertical clearance outlined in Table 4-1: Minimum Clearance Between Gas Pipelines (Less than NPS 16) and Other Underground Structures on page 10 as long as all positive identification requirements are also followed.

When drilling across pipelines that are NPS 16 or larger, or crossing any CER-regulated pipelines or vital pipelines, a minimum vertical clearance, measured from the edge of the pipeline to the edge of the final bore hole, of 1 m (3.3 ft.) is required.

Note

The location of the pipeline must be visually confirmed as per the requirements set out in Table 8-2: Pipeline Location Verification Requirements for Vital Pipelines on page 22 and Table 8-3: Pipeline Location Verification Requirements for All Other Pipelines on page 22. For specified minimum clearances, see 4 Minimum Clearance from Other Structures on page 10.

Figure 8-2: Pipeline Location Verification and Clearance Requirements for HDD for crossing all pipelines (including Vital Pipelines)



9 Hydro-Excavation

9.1 General

Hydro-excavation, also known as hydrovac, is the non-destructive process in which pressurized water is utilized as a method of excavation through loosening and suction of soil, rocks, and other earth materials. Hydro-excavation machines are an alternative to hand digging to locate and expose pipelines.

9.2 Hydro-Excavation Requirements

The following requirements must be met at all times when excavating with hydro-excavation technology:

- Spinning tip nozzles must be used for hydrovac excavations with water pressures that must not exceed the maximum water pressure of 17,236 kPa (2,500 psi) during excavation. Pressure measures must be permanently monitored using a calibrated device mounted on either the hydro-excavation machine (truck and pump), or the wand when using a spinning tip nozzle.
- The wand must never remain motionless during excavation. The wand must never point to the plant at any time.
- A distance of 20 cm (8 in) between the end of the pressure wand nozzle and the plant or subsoil must be maintained. The nozzle must never be inserted into the subsoil while excavating above the plant.
- Hydro-excavation equipment and nozzles must have been specifically designed for use above buried gas lines or other reasonably expected underground gas plants.
- A device capable of stopping the excavation on demand must be installed, such as an approved automatic electronic shut-off or valve on the wand.
- If heated water is used during excavation, the temperature and pressure of the water must not exceed 100 °F (38 °C) and 17,250 kPa (2,500 psi), respectively.
- The excavator must contact the gas utility if any damage to a gas plant occurs while using hydro-excavation technology or any other method of excavation.

10 Backfilling

The gas pipeline must be inspected by GDS for damages before backfilling the excavation. It is the third party's responsibility to ensure that the gas pipeline is not undermined or endangered in any way. If any damage occurs, GDS must be contacted immediately.

The following principles must be followed:

- The backfill does not harm the pipe or coating throughout the installation process and while in service.
- The use of native material (especially with respect to anode installation) and minimize haul out must be maximized.
- A reliable and stable installation must be created and the use of dams included when appropriate.

The Company permits the use of any compacting device that:

- Will compact backfill sufficiently to eliminate any settlement of the pipe or ground surface.
- Will not cause any deformation or damage to the pipe or coating.
- Will not cause any damage to any adjacent building, structure or utility.
- Will not cause any damage to any tree, shrub, tended lawn, or ground cover.

When backfilling where the finished grade has not been established, sufficient soil must be placed over the trench to allow for settlement.

Backfilling must be done in such a manner as to prevent any rocks from being placed at or near the surface of the pipe. Native excavated material must be used as backfill unless otherwise directed by GDS. Where native material is unsuitable, 150 mm (6 in) of approved earth or sand padding must be placed over the pipe for protection, to a minimum depth of 300 mm (12 in). Each layer must be compacted thoroughly by manual tamping. Topsoil must not be used for backfilling.

Aggregate backfill must be replaced in 200 mm (8 in) layers. Each layer must be thoroughly compacted by pneumatic tampers or an equivalent method acceptable to GDS to ensure no settlement. The final layer must be smoothed down with a grader (or a rake for small scale projects) and must be tamped flush or slightly higher than the surrounding ground surface in order to prevent ponding of water and accommodate any future soil subsidence over the trench line.

Backfilling a flooded trench is not allowed. The third party is responsible for the removal of water from the trench, before backfilling. If backfilling on a slope, the backfill must first be placed from the bottom of the slope, then the filling should continue by building upwards. This prevents large voids in the backfill that can occur when the backfill is dumped from the top of a slope.

Backfill and compaction within road allowances must be completed in accordance with the local governing authority.

Unshrinkable fill or other engineered backfill material must be installed only when requested by the municipalities, local governing authority, or as directed by GDS. The approved unshrinkable fill must be batched at a ready-mix plant with a specified maximum compressive strength of 0.7 MPa at 28 days and minimum slump of 150 mm (6 in). After curing, it must be excavatable using hand tools and must meet any governing agency requirements. The pipe and valve assemblies must be sand padded before placement of unshrinkable fill. The third party must ensure that placement of the unshrinkable fill does not displace sand padding or directly contact the pipeline.

If the bulk backfill material contains rocks, stones, or frozen material, pipelines must be padded with padding material to a minimum depth of 150 mm (6 in) over the pipe and fittings. If the location requires the backfill material to be tamped, the padding material must also be tamped.

The final covering of gas pipelines must adhere to municipal requirements.

11 Blasting and Pile Driving

11.1 General

Blasting and pile driving activities in the vicinity of GDS facilities require prior approval by GDS. The Blasting and Pile Driving Form, provided by GDS, must be submitted by the owner of the proposed work for all blasting and pile-driving operations. The request must be submitted a minimum of four weeks prior to the beginning work to allow sufficient time for review.

11.2 Blasting

Before any blasting operation in the vicinity of a gas pipeline can occur, the hazards to the GDS facility must be evaluated. Responsibility for the design of the blast and any resultant damage is borne entirely by the party using the explosives.

A recognized independent blasting consultant must be retained at the applicant's expense to perform an evaluation of the blast design. The independent blasting consultant must be an independent engineering consultant specialized in blasting. A copy of the stamped consultant's validation report must be submitted to GDS for review if blasting is to occur within 30 m (100 ft) of GDS facilities.

If in the opinion of GDS or an independent blasting consultant, blasting cannot be carried out without affecting the facility's integrity, alternatives must be considered, including the replacement or relocation of the affected facility at the applicant's expense. In these situations, additional time must be allowed to obtain the necessary permits and to complete the necessary construction work. In the event a third party is affected as a result of the blasting operations, all expenses associated therewith incurred by GDS must also be at the applicant's expense.

Ontario: The third party must comply with the Ontario Provincial Standard Specification (OPSS 120 – General Specification for the Use of Explosives) in addition to GDS's blasting requirements.

Quebec: The third party must comply with Quebec's Acts regarding explosives (CQLR c E-22 and CQLR c E-22, r 1) and Safety Code (CQLR c S-2.1, r 4), in addition to GDS's blasting requirements.

11.2.1 Surface and Tunnel Blasting Application Process

For subsurface blasting application requirements, refer to the Surface Blasting section of the Blasting and Pile Driving Form.

For tunnel blasting application requirements, refer to the Surface Blasting section of the Blasting and Pile Driving Form in addition to the Tunnel Blasting section.

To assist with the preparation of the form, locates must be requested to determine the location of the facilities.

11.2.2 Guidelines for Blasting

The information provided in this section is not to be construed as an exhaustive list of performance specifications, but rather a guide for conducting blasting in the vicinity of GDS's facilities. The third party is responsible for ensuring that all blasting work is performed in a good and workmanlike manner in accordance with all applicable laws, codes, by-laws, and regulations.

The third party will be held liable for and indemnify GDS in relation to any and all damage directly or indirectly caused or arising as a result of blasting operations carried out by the applicant, its employees, contractors, or those for whom the applicant is responsible by law. Prior to blasting operations, a site meeting must be arranged with an authorized representative of the applicant and a GDS representative to confirm the location of GDS's facilities and details of the proposed blast.

GDS's pipelines must not be excavated prior to blasting. If excavation is unavoidable, then the pipeline must be properly supported according to GDS's requirements as stated in 7 Support of Gas Pipelines on page 14.

The third party must take suitable precautions to protect the exposed pipeline from fly-rock .

Explosives must be of a type that cannot propagate between holes or be desensitized due to compression pressures. Explosives must not be left in the drill hole overnight.

If a surface blast islocated less than 10 m (33 ft) from pipeline; creates its first blast hole at a depth equal to the top of the pipeline; andthe depth of subsequent blast holes exceeds one half of the horizontal distance to the closest portion of the pipeline, then the required independent blasting consultant's report must specifically address the impact of these conditions. This is not applicable for tunnel blasting operations. The blasting consultant is responsible for the monitoring of blasting vibrations with a portable seismograph capable of transmitting data instantaneously (e.g., via email or cellular) to the required reviewer in the vicinity of GDS's facilities is mandatory to confirm that predicted vibration levels are respected. On a daily basis, a copy of the seismographic report must be provided to GDS.

Peak particle velocity (PPV) must be limited to 50 mm/s (2 in/s) and maximum amplitude must be limited to 0.15 mm (0.006 in).

11.2.3 Post Blasting

A leak survey must be completed at the end of each day of blasting. Upon completion of daily blasting operations and within 30 days after the final blasting, GDS will conduct a leak survey of the pipeline at the third party's expense. Leak surveys will also be completed at the end of each day of blasting. Damage that has resulted from the blasting will be repaired at the third party's expense. A summary of all blasting operations including blasting logs, vibration control, seismograph reports, and other pertinent information must be provided to GDS by the third party daily and at the completion of blasting operations.

11.3 Pile Driving

General pile installation or compaction activities in the vicinity of GDS's facilities must be evaluated by GDS prior to beginning. Any resultant damage as a result of these activities will be borne entirely by the third party undertaking the proposed work.

If in the opinion of GDS, the particular pile installation or compaction operation cannot be carried out without affecting the pipeline or facility integrity, the following must be considered:

- Risk analysis or mitigation program for the proposed operation.
- Alternative construction methods.
- Relocation or replacement of the facility.

All costs incurred will be covered by the third party undertaking the proposed work and final approval for the work will be granted by GDS.

Piles installed using an auger must satisfy the locating and clearance requirements listed in 5 Pipeline Location Verification on page 10 and 4 Minimum Clearance from Other Structures on page 10, respectively. GDS must provide approval for the installation of piles within 3 m (10 ft) of a vital pipeline.

The third party is responsible for all costs related to customer interruption as well as costs incurred because of work delays. In the event a third party is affected as a result of the pile installation or compaction operations, all expenses associated therewith incurred by GDS will be passed to the third party.

11.3.1 Pile Driving Application Process

The application to pile drive or do compaction work must be sent to GDS via the Blasting and Pile Driving Form.

This work must be completed under the supervisor of qualified personnel. Vibration results must be provided to GDS on a daily basis.

11.3.2 Pile Installation and Compaction Work

The information provided in this section is not to be construed as an exhaustive list of performance specifications, but rather a guide for conducting pile installation and compaction work in the vicinity of GDS's facilities. The third party is responsible for ensuring that all pile installation and compaction work is performed in accordance with all applicable laws, codes, by-laws, and regulations.

Operations must not be permitted within a standoff distance of 3.0 m (10 ft) from the pipeline or other natural gas facility, unless approved by GDS.

Prior to pile installation or compaction work, a site meeting with an authorized representative of the third party and a GDS representative (for the Damage Prevention contact, see 12 Contact Information on page 32) must be arranged by the third party, to confirm the location of GDS's facilities and the details of the proposed work.

It is recommended that during the design phase, pile installation or compaction work drawings be sent to Markups for review (see 12 Contact Information on page 32).

The pipeline should not be excavated prior to the piling or compaction operation. If excavation of the pipeline is necessary, then it must be properly supported in accordance with 7 Support of Gas Pipelines on page 14.

The following situations require the opinion of an independent professional engineer:

- Compaction of soils or backfill rated at 10,000 ft-lbs (13,600 Nm) or higher at a stand-off distance of 6 m (20 ft) or less from the pipeline.
- Pile driving at a stand-off distance of 10 m (33 ft) or less from the pipeline facility.
- High-energy dynamic compaction for the rehabilitation of soils at a stand-off distance of 30 m (100 ft) or less from the pipeline.

- Type 4 soil as defined in Article 226 of the Occupational Health and Safety Act and Regulations for Construction Projects (see Table 15-1: Soil Types on page 34).

For these situations, the appropriate number of seismographs to monitor vibrations is mandatory. The seismographs must be portable with the capability of transmitting data instantaneously (e.g., via email or cellular). This control will confirm the intensity of the vibrations generated by the pile installation or compaction work as projected. Furthermore, reports of recorded intensities must be provided on a regular basis or at the request of GDS.

The peak particle velocity (PPV) measured on the pipeline, or at the closest point of the related structure with respect to the work, must not exceed 50 mm/s (2 in/s). Furthermore, the maximum displacement for the vertical or horizontal component corresponding to the above stated vibration intensity must not exceed 50 mm (2 in) at any given length of the pipeline in question.

If the PPV or displacement limit is surpassed, all operations must stop notwithstanding any delays or costs incurred by the third party or owner of the proposed work. GDS requires that the cause of these higher vibrations or displacements be investigated. GDS may arrange for a leak survey to be conducted. GDS Engineering must approve resumption of operations. Should a situation with low energy compaction operations with a soil cover of less than 1.5 m (5 ft) above the pipeline at a stand-off distance of 3 m (10 ft) or less from a pipeline be encountered, GDS may require the opinion of an independent engineering consultant.

In addition, if a Type 3 soil (see Table 15-1: Soil Types on page 34) is present on site, GDS may require the opinion of an independent engineering consultant.

The use of an auger may be required in order to avoid the use of piles.

All operations must comply with the Provincial Occupational Health and Safety Act and Regulations for Construction Projects, other applicable laws and regulations, as well as all applicable GDS specifications, standards, and guidelines.

11.3.3 Post Pile Driving Process

The third party must send GDS the items that follow within five business days of the completion of the pile installation via pile driving or compaction operations:

- A summary of all operations.
- Pile driving and compaction logs.
- Vibration control records.
- Seismograph records.

On completion of each day’s work, and approximately 30 days after all work is completed, GDS will arrange to conduct a leak survey of the facility. If damage to GDS’s facilities is found, it will be repaired by the third party. An invoice will be sent to the third party responsible for the work.

12 Contact Information

Location	Contact
Enbridge Gas Inc 500 Consumers Road North York, ON M2J 1P8	Markups: Mark-Ups@enbridge.com Ontario One Call Locates: 1-800-400-2255 Damage Prevention: 1-866-922-3622 Emergency: 1-866-763-5427 and 1-877-969-0999
Enbridge Gas Inc Storage and Transmission Operations Locates (Dawn) 3332 Bentpath Line P.O. Box 1180 Dresden, ON N0P 1M0	Ontario One Call Locates: 1 (800) 400-2255 Locates: 1-800-265-5260 ext 5102236 Stacey.Smith@enbridge.com Locates: 1-800-265-5260 ext 5102184 Janice.Langstaff@enbridge.com
Enbridge Gas Inc Storage and Transmission Operations Locates (Tecumseh) 3501 Tecumseh Road, Mooretown, Ontario N0N 1M0	Field Operations: 519-312-0176 jay.moore@enbridge.com Field Operations: 519-862- 6004 jason.japp@enbridge.com Tecumseh Control Room: 519-862-6012 Emergency: 1-800-255-1431
Gazifère 706 Boulevard Greber Gatineau, QC J8V 3P8	Locates: 1-800-663-9228 Planning Dept.: 1-819-776-8804 Emergency: 1-819-771- 8321, press 1

Note

The website www.clickbeforeyoudig.com gives access to the damage prevention centres in Canada, and allows locate requests to be made for each province.

13 References

- IS_F_172 Blasting and Pile Driving Form

14 Document Governance

For document control and maintenance purposes, the following tables capture important information related to this document.

Control and Maintenance

Category	Value
Owned By	Pipeline Engineering
Review Interval	Every three years
MOC-Related	No

Revision History

Table 14-1: September 29, 2021 Release

Release Date	Version	Project Number	RFC Number	Prepared By	Approved By
2021-09-29	1.1.1	n/a	4983	Hooman Zahedi, Supervisor, Pipeline Engineering	Todd Piercey, Manager, Pipeline Engineering
Doc ID		**Scope**	**Document & Section**		**Summary of Changes**
ST-1E-30A8-8E30		GDS	Third-Party Requirements in the Vicinity of Natural Gas Facilities Standard		Corrected tyop in 11.2 Blasting

Table 14-2: June 30, 2021 Release

Release Date	Version	Project Number	RFC Number	Prepared By	Approved By
2021-06-30	1.1	n/a	4922	Hooman Zahedi, Supervisor, Pipeline Engineering	Todd Piercey, Manager, Pipeline Engineering
Doc ID		**Scope**	**Document & Section**		**Summary of Changes**
ST-1E-30A8-8E30		GDS	Third-Party Requirements in the Vicinity of Natural Gas Facilities Standard		Revise tree clearance restrictions in section 3.8.

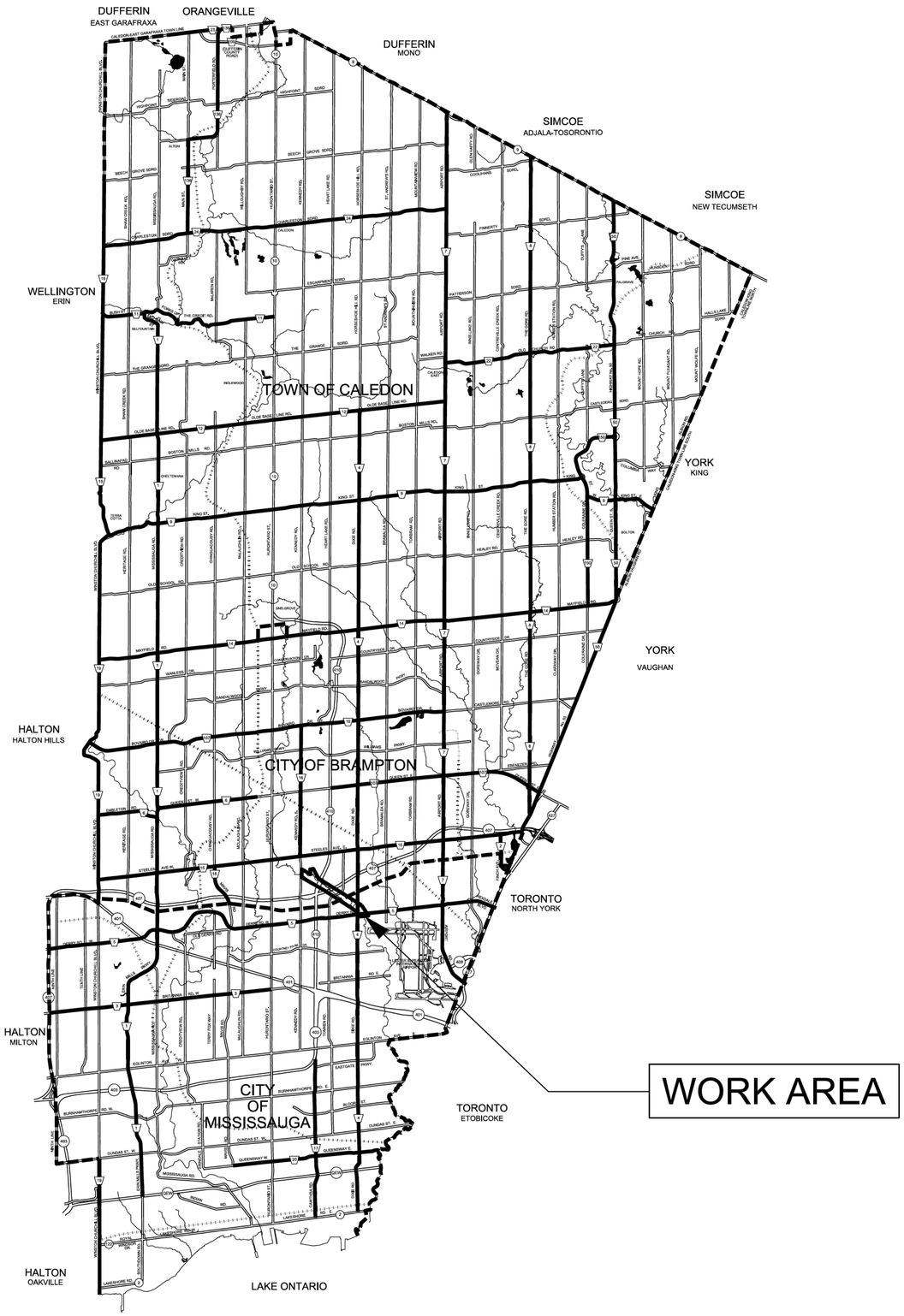
Table 14-3: April 28, 2021 Release

Release Date	Version	Project Number	RFC Number	Prepared By	Approved By
April 28, 2021	1.0	6513-20	None	Emily Varga, EIT I, Pipeline Engineering	Todd Piercey, Manager Pipeline Engineering
Doc ID		**Scope**	**Document & Section**		**Summary of Changes**
ST-1E-30A8-8E30		GDS	Third-Party Requirements in the Vicinity of Natural Gas Facilities Standard		Initial version.

15 Soil Types

Table 15-1: Soil Types

Type	Definition
Type 1	• Hard, very dense, and only able to be penetrated with difficulty by a small sharp object. • Low natural moisture content and a high degree of internal strength. • No signs of water seepage. • Can be excavated only by mechanical equipment.
Type 2	• Very stiff, dense, and can be penetrated with moderate difficulty by a small sharp object. • Low to medium natural moisture content and a medium degree of internal strength. • Damp appearance after it is excavated.
Type 3	• Stiff-to-firm and compact-to-loose in consistency or is previously-excavated soil. • Exhibits signs of surface cracking. • Exhibits signs of water seepage. • If dry, may run easily into a well-defined conical pile. • Low degree of internal strength.
Type 4	• Soft to very soft and very loose in consistency, very sensitive, and upon disturbance is significantly reduced in natural strength. • Runs easily or flows, unless it is completely supported before excavating procedures. • Almost no internal strength. • Wet or muddy. • Exerts substantial fluid pressure on its supporting system.



PROJECT No. 18-2260
ETOBICOKE CREEK
SANITARY TRUNK SEWER

WORKING DRAWINGS

AUGUST 31, 2022

Jacobs

Region of Peel
working with you

Document XXXX-XXXT

REVISIONS		
DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.

DRAWING INDEX

GENERAL

1.	COVER	COVER SHEET
2.	GEN-1	DRAWING INDEX, LEGEND AND KEY MAP

PLAN AND PROFILE

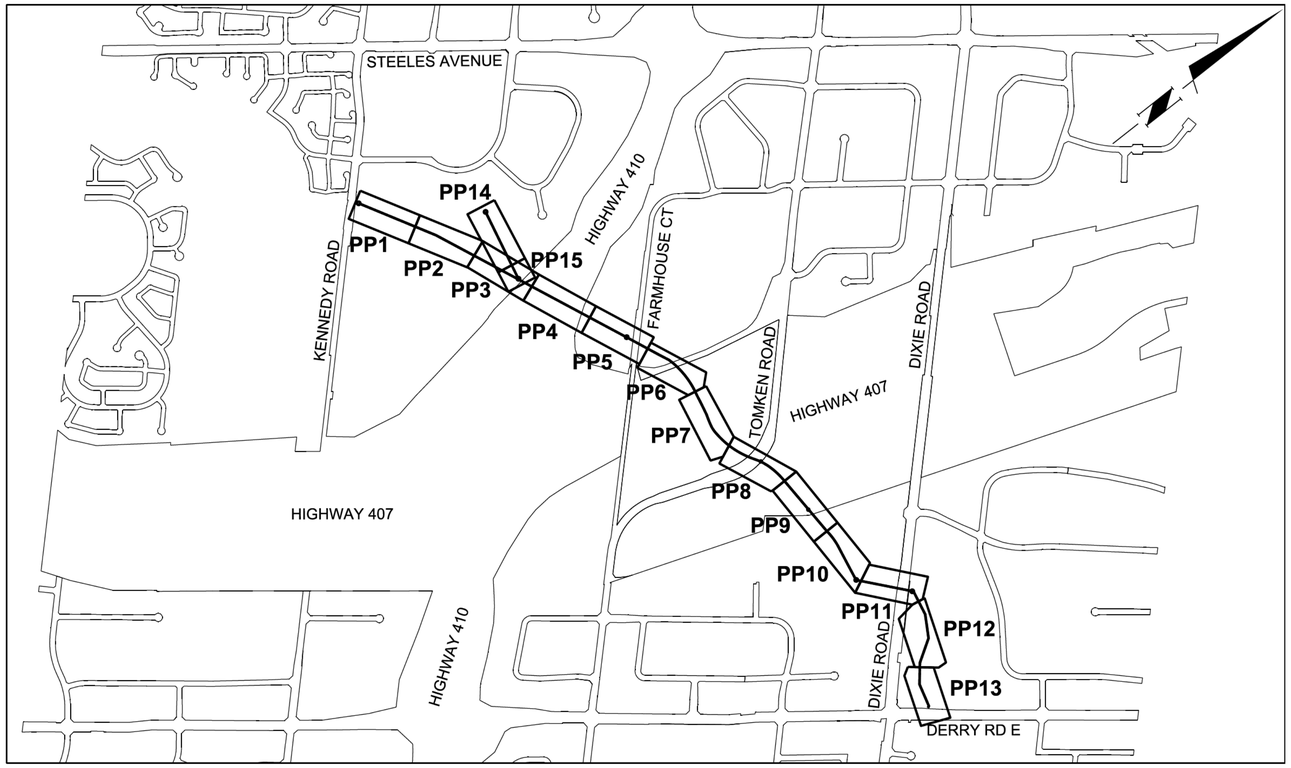
3.	PP-1	PLAN AND PROFILE - STA. 0+000 TO STA. 0+280 - SHAFT 1
4.	PP-2	PLAN AND PROFILE - STA. 0+280 TO STA. 0+580
5.	PP-3	PLAN AND PROFILE - STA. 0+580 TO STA. 0+880 - SHAFT 2
6.	PP-4	PLAN AND PROFILE - STA. 0+880 TO STA. 1+180
7.	PP-5	PLAN AND PROFILE - STA. 1+180 TO STA. 1+480 - SHAFT 3
8.	PP-6	PLAN AND PROFILE - STA. 1+480 TO STA. 1+780
9.	PP-7	PLAN AND PROFILE - STA. 1+780 TO STA. 2+080
10.	PP-8	PLAN AND PROFILE - STA. 2+080 TO STA. 2+380 - SHAFT 4
11.	PP-9	PLAN AND PROFILE - STA. 2+380 TO STA. 2+680 - SHAFT 5
12.	PP-10	PLAN AND PROFILE - STA. 2+680 TO STA. 2+980 - SHAFT 6
13.	PP-11	PLAN AND PROFILE - STA. 2+980 TO STA. 3+280 - SHAFT 7
14.	PP-12	PLAN AND PROFILE - STA. 3+280 TO STA. 3+580
15.	PP-13	PLAN AND PROFILE - STA. 3+580 TO STA. 3+780
16.	PP-14	PLAN AND PROFILE - STA. 0+000 TO STA. 0+280 - BISCAYNE CONNECTION SHAFT
17.	PP-15	PLAN AND PROFILE - STA. 0+280 TO STA. 0+360 - BISCAYNE CONNECTION SHAFT

SITE PLAN

18.	SP-1	SITE PLAN - SHAFT 1
19.	SP-2	SITE PLAN - SHAFT 2
20.	SP-3	SITE PLAN - SHAFT 3
21.	SP-4	SITE PLAN - SHAFT 4
22.	SP-5	SITE PLAN - SHAFT 5
23.	SP-6	SITE PLAN - SHAFT 6
24.	SP-B	SITE PLAN - BISCAYNE CONNECTION SHAFT

GENERAL LEGEND OF SYMBOLS

- EX. EASEMENT
- PROP. TEMP. EASEMENT
- PROP. PERMANENT EASEMENT
- 173 — EXISTING CONTOURS
- PROPOSED SANITARY
- WM — EXISTING WATERMAIN
- SAN — EXISTING SANITARY PIPE & MANHOLE
- STM — EXISTING STORM PIPE & MANHOLE
- G — EXISTING GAS MAIN
- B — EXISTING BELL LINE
- TV — EXISTING CABLE LINE
- H — EXISTING HYDRO LINE
- MISCELLANEOUS TREE
- TPZ / DRIPLINE
- ID# — EXISTING TREE
- ID# — TREE TO BE REMOVED
- SHRUB TO BE REMOVED
- ID# — TREE TO BE INJURED
- ID# — TREE PROTECTION FENCING
- BOLLARD — BOLLARD
- HLP — HYDRO LIGHT POLE
- HP — HYDRO POLE
- HW — ELECTRICAL HAND WELL
- HORIZONTAL CONTROL MONUMENT
- MONUMENT BENCHMARK
- S.I.B. — STANDARD IRON BAR
- I.B. — IRON BAR
- RIB — ROUND IRON BAR
- 1 ON — SLOPE
- CUT AND PLUG
- EX. HYD — FIRE HYDRANT
- FIRE HYDRANT VALVE
- JB — ELECTRICAL JUNCTION BOX
- LS — LIGHT STANDARD
- BM — BELL MANHOLE
- WS — CURB STOP WATER SERVICE
- DCB — DOUBLE CATCH BASIN
- DI CB — DITCH INLET CATCH BASIN
- BOREHOLE
- FP — FLAG POLE
- FENCE GATE
- SSM — SUBSURFACE SETTLEMENT MARKER
- SSP — SUBSURFACE SETTLEMENT POINT
- TEST PIT
- PROPOSED SHAFT
- PROPOSED CONSTRUCTION HOARDING
- PROPOSED ACCESS GATE
- SILT FENCE
- XXX — MULTI-BARRIER ESC
- XXXXXXXXXX — DEMOLITION
- CHAIN LINK FENCE
- SANITARY MANHOLE
- STM — STORM MANHOLE
- BELL PED — BELL PEDESTAL
- TV PED — CABLE TV PEDESTAL
- R.R. SIGN — RAILWAY SIGNALS
- SS — STOP SIGN
- TL — TRAFFIC LIGHT
- TS — TRAFFIC SIGN - OTHER
- YIELD — YIELD SIGN
- WATER VALVE CHAMBER
- REDUCER
- EX. VALVE & BOX
- END PLUG
- EXISTING V.B.,V.C. OR HYDRANT TO BE REMOVED
- EXISTING VALVE IN PROFILE
- ASPHALT PAVEMENT/ DRIVEWAY ENTRANCE
- ASPHALT PAVEMENT OVER GAS MAIN
- RIP RAP
- ASPHALT MULTI USE TRAIL
- CONCRETE SIDEWALK
- FULL DEPTH ASPHALT REPLACEMENT
- SHAVE AND PAVE
- PROPOSED TEMPORARY SITE ACCESS ROAD
- 193.85 — PROPOSED ELEV
- 194.00 — PROPOSED ACCESS HATCH ELEV
- Qm 3 — PLANT KEY
- PROPOSED DECIDUOUS TREE
- PROPOSED CONIFEROUS TREE
- TOPSOIL AND SOD
- TOPSOIL AND SEED
- PLANTING BED
- ID# — EXISTING TREE



KEY MAP
N.T.S.

Jacobs

Approved by

Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

DRAWING INDEX, LEGEND AND KEY MAP

CAD Area	X-XX	Area	X-XX
Checked by	D.P.	Drawn by	D.A.
Date	AUG 2022	Sheet	XX of XX

Project No. 18-2260

Plan No. GEN-1

PROP. WORK AREA
(SEE DWG SP-1 FOR
DETAILED SITE LAYOUT)

PROPOSED SHAFT 1

SAN MH 1781677

SAN MH 1781679

SAN MH 1781678

SAN MH 6532785

SAN MH 1781676

SAN MH 1781675

SAN MH 1781680

EX. SAN EASEMENT

1050 CONP

250 PVC

PROP. 1500mm SAN

EX. WM

EX. PL

EX. ROW

KENNEDY RD

7715

400 CSP

250 HDPE

WV 6585786

EX. WM EASEMENT

TRCA REGULATORY LIMITS

MATCH LINE

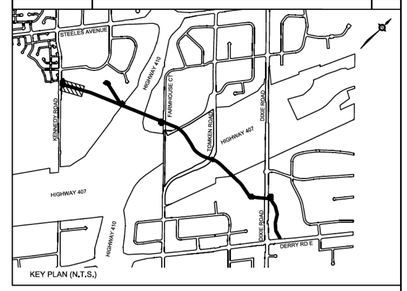
REFER TO DWG. No. PP-2 STA. 0+280

SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS

DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



PROP. SHAFT 1

EX. SAN MH 1781678

EX. SAN MH 6532785

EX. CL SEWER GRADE

EX. 1050 SAN INV. 191.06

EX. 1050 SAN INV. 190.93

APPROX. LOCATION EX. 250 SAN. SWR.

APPROX. INV. EL

INV. OUT 76.9

PROP. 280m 1500 SAN @ 0.30%

198
196
194
192
190
188
186
184
182
180
178
176
174

General Notes

All Driveways Are ASPHALT Unless Otherwise Noted

All Water And Sanitary Service Locations Are Approximate And Must Be Located Accurately In The Field

All Horizontal And Vertical Bends Are In Degrees

All Pipes Size In mm

20C Existing Water Service, Size In mm

WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

The Contractor Is Responsible For Locating And Protecting All Existing Utilities Prior To And During Construction. Location Of Existing Utilities Approximate Only, To Be Verified In Field By Contractor.

Jacobs

Approved by

NOTICE TO CONTRACTOR

48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING

THE REGIONAL MUNICIPALITY OF PEEL
CITY OF MISSISSAUGA WORKS DEPT.
CITY OF BRAMPTON WORKS DEPT.
TOWN OF CALEDON WORKS DEPT.
BELL CANADA
ENBRIDGE INCORPORATED-GAS DISTRIBUTION
ONTARIO MINISTRY OF TRANSPORTATION
ONTARIO CLEAN WATER AGENCY
HYDRO ONE NETWORKS
ENERSOURCE, HYDRO MISSISSAUGA
HYDRO ONE BRAMPTON

CABLE TELEVISION/FIBREOPTIC PROVIDERS:
BELL CANADA
ENERSOURCE TELECOM
HYDRO ONE TELECOM
ROGERS CABLE
ALLSTREAM
PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

10m 0 10 20 30m 1:500 HORIZONTAL SCALE

2m 0 2 4 6m 1:100 VERTICAL SCALE

Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

FROM KENNEDY ROAD TO DERRY ROAD E

PROP. 1500mm SANITARY SEWER

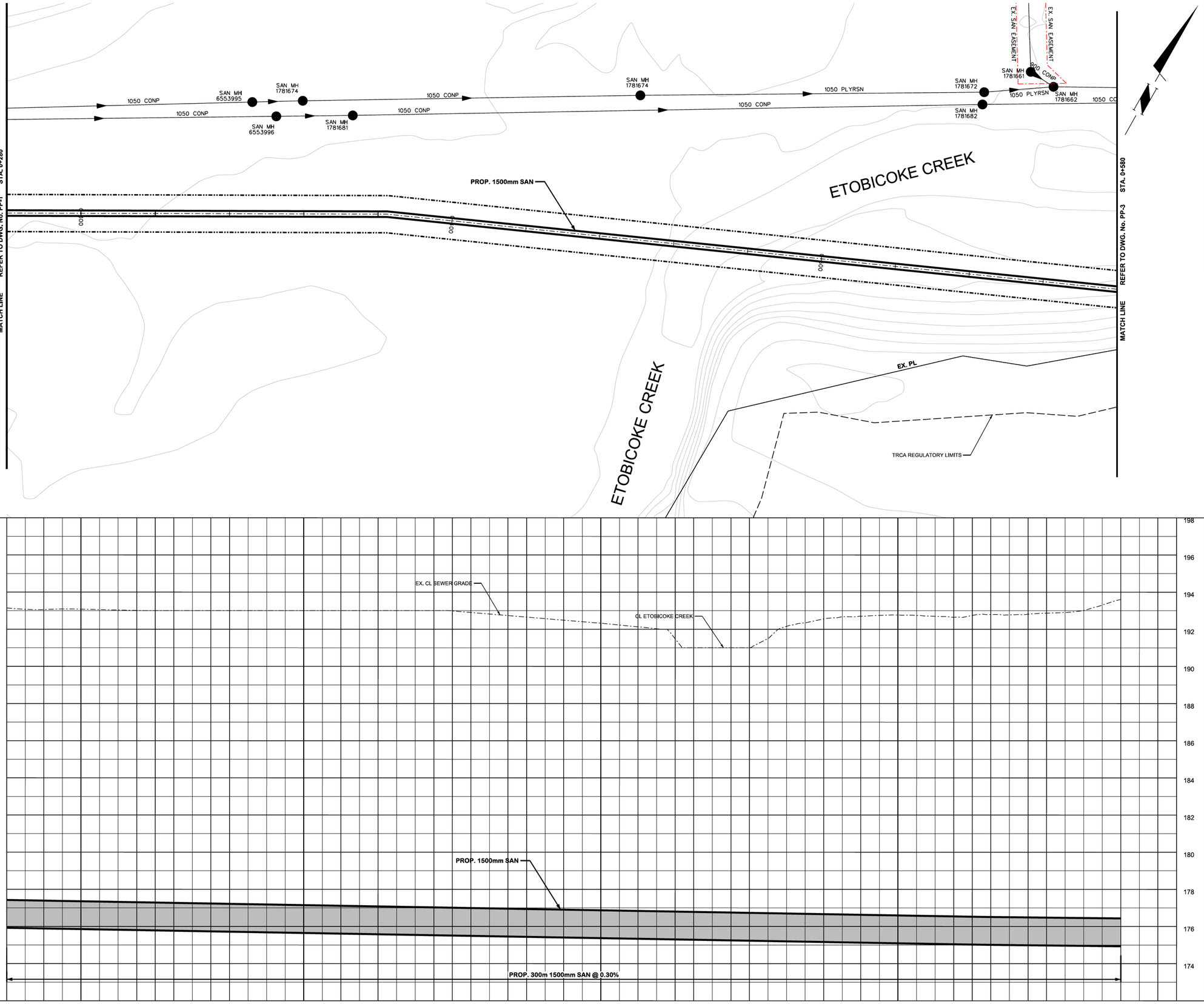
STA. 0+000 TO STA. 0+280

INV.EL. OF SAN.																
191.10	195.00	194.00	195.73	195.00	194.66	194.16	194.00	193.90	193.00	193.00	193.00	193.16	193.29	193.14	EX. ROAD ELEV.	
0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	ROAD CHAINAGE	

CAD Area	X-XX	Area	X-XX
Checked by	D.P.	Drawn by	G.H.
Date	AUG 2022	Sheet	XX of XX

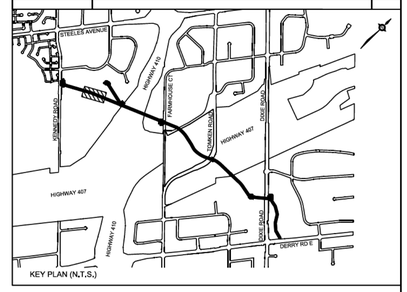
Project No. 18-2260

Plan No. **PP-1**



SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS		
DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



KEY PLAN (N.T.S.)

																INV.EL. OF SAN.	
193.14	193.08	193.00	193.00	193.00	193.00	192.98	192.65	192.32	191.48	191.00	192.55	192.76	192.74	192.86	193.60	EX. ROAD ELEV.	
0+280	0+300	0+320	0+340	0+360	0+380	0+400	0+420	0+440	0+460	0+480	0+500	0+520	0+540	0+560	0+580	ROAD CHAINAGE	

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WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

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Approved by

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ENERSOURCE, HYDRO MISSISSAUGA
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ENERSOURCE TELECOM
HYDRO ONE TELECOM
ROGERS CABLE
ALLSTREAM
PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

10m 0 10 20 30m — 1:500 HORIZONTAL SCALE

2m 0 2 4 6m — 1:100 VERTICAL SCALE

Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

FROM KENNEDY ROAD TO DERRY ROAD E

PROP. 1500mm SANITARY SEWER

STA. 0+280 TO STA. 0+580

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	PP-2

MATCH SHEET REFER TO DWG. Nos. PP-14 and PP-15

MATCH LINE REFER TO DWG. No. PP-2 STA. 0+580

MATCH LINE REFER TO DWG. No. PP-4 STA. 0+880

SAN MH 1781663

1050 PLYRSN

1050 CONP

SAN MH 1781663

EX. PL

TRCA REGULATORY LIMITS

ASPHALT WALKWAY

PROP. WORK AREA (SEE DWG SP-2 FOR DETAILED SITE LAYOUT)

PROP. 1500mm SAN BISCAYNE CONNECTION

EX. ROW

PROPOSED SHAFT 2

PROP. 1500mm SAN

1050 PLYRSN

SAN MH 1781664

PROP. 1500mm SAN

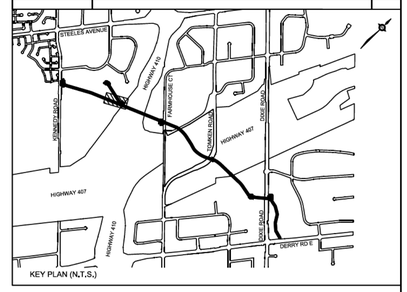
TRCA REGULATORY LIMITS

ASPHALT WALKWAY

HWY 410

SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS		
DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



EX. CL SEWER GRADE

EX. 1050 SAN INV. 189.06

EX. 1050 SAN INV. 189.21

PROP. SHAFT 2

HWY 410

PROP. 228.8m 1500mm SAN @ 0.30%

PROP. 71.06m 1500mm SAN @ 0.32%

INV. OUT 174.4

200 198 196 194 192 190 188 186 184 182 180 178 176

General Notes

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Approved by

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10m 0 10 20 30m — 1:500 HORIZONTAL SCALE

2m 0 2 4 6m — 1:100 VERTICAL SCALE

Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

FROM KENNEDY ROAD TO DERRY ROAD E

PROP. 1500mm SANITARY SEWER

STA. 0+580 TO STA. 0+880

																INV.EL. OF SAN.	
193.60	195.16	198.05	197.71	190.58	189.25	189.00	189.00	190.63	195.01	199.00	198.30	198.00	199.98	199.86	200.00	EX. ROAD ELEV.	
0+580	0+600	0+620	0+640	0+660	0+680	0+700	0+720	0+740	0+760	0+780	0+800	0+820	0+840	0+860	0+880	ROAD CHAINAGE	

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	PP-3

MATCH LINE REFER TO DWG. No. PP-3 STA. 0+880

MATCH LINE REFER TO DWG. No. PP-5 STA. 1+180

PROP. 1500mm SAN

1200

1200

1200

EX. SAN EASEMENT

EX. SAN EASEMENT

SAN MH

675 PVC 1200 CONP

SAN MH 1781668

TRCA REGULATORY LIMITS

HWY 410 S

HWY 410 N

EX. ROW

EX. SAN EASEMENT

1200 CONP

EX. SAN EASEMENT

SAN MH 1781667

SAN MH 1781656

1050 CONP

1200 CONP

1050 RCOP

SAN MH 1781686

SAN MH 1781687

EX. SAN EASEMENT

SAN MH 1781708

EX. SAN EASEMENT

1050 CONP

EX. SAN EASEMENT

CL HWY 410

EX. CL SEWER GRADE

EX. 1050 S
INV. 187.8

PROP. 300m 1500mm SAN @ 0.32%

200
198
196
194
192
190
188
186
184
182
180
178
176

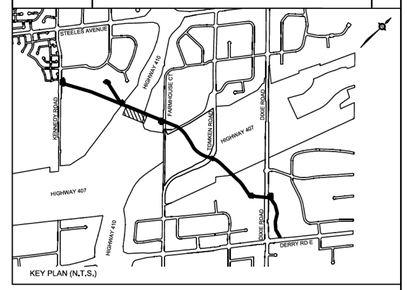
																INV.EL. OF SAN.
200.00	200.00	196.48	192.48	192.98	193.00	193.00	192.53	192.00	192.00	193.06	193.80	194.14	194.23	193.36	192.45	EX. ROAD ELEV.
0+880	0+900	0+920	0+940	0+960	0+980	1+000	1+020	1+040	1+060	1+080	1+100	1+120	1+140	1+160	1+180	ROAD CHAINAGE

SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
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STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS

DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



KEY PLAN (N.T.S.)

General Notes

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WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

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Jacobs

Approved by

NOTICE TO CONTRACTOR

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PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

10m 0 10 20 30m — 1:500 HORIZONTAL SCALE

2m 0 2 4 6m — 1:100 VERTICAL SCALE

Region of Peel
working with you

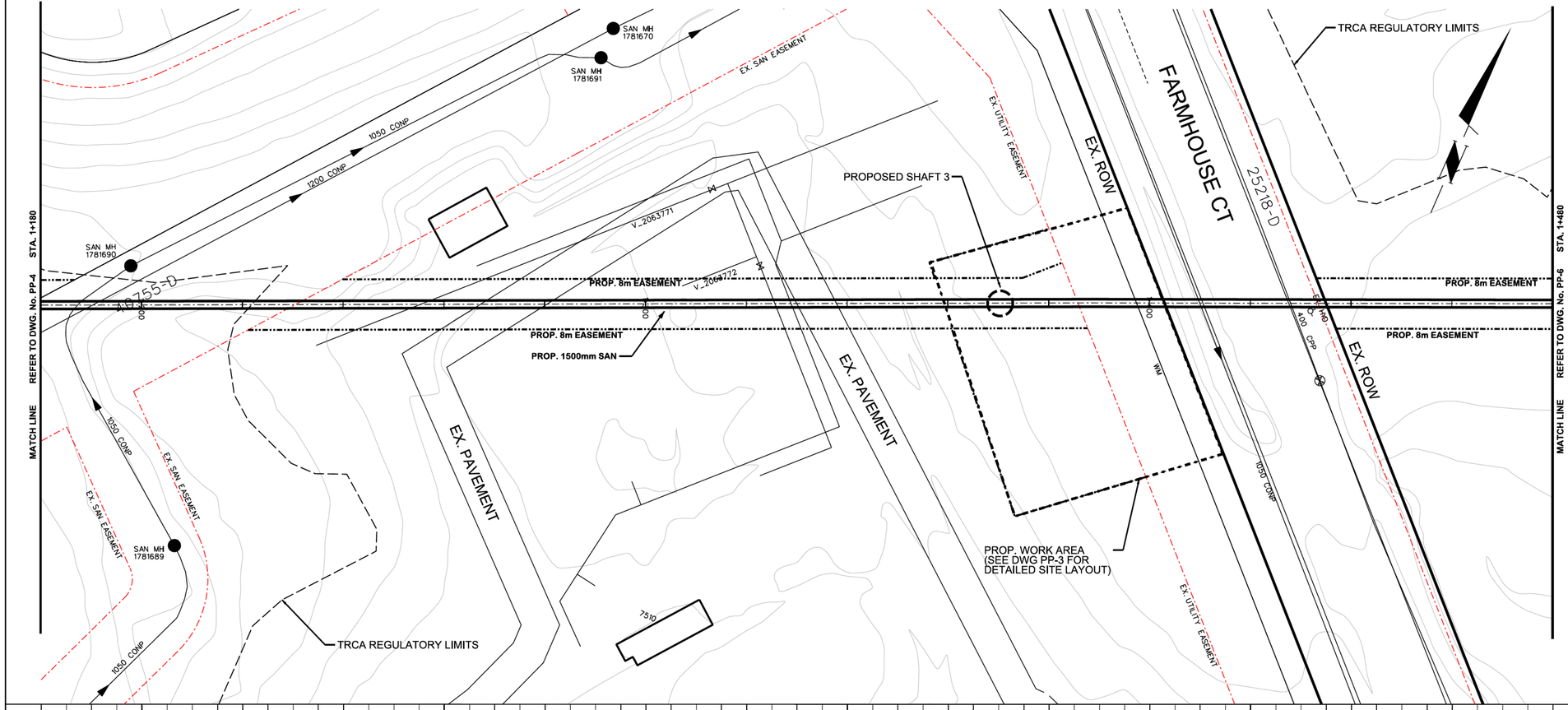
ETOBICOKE CREEK TRUNK SEWER

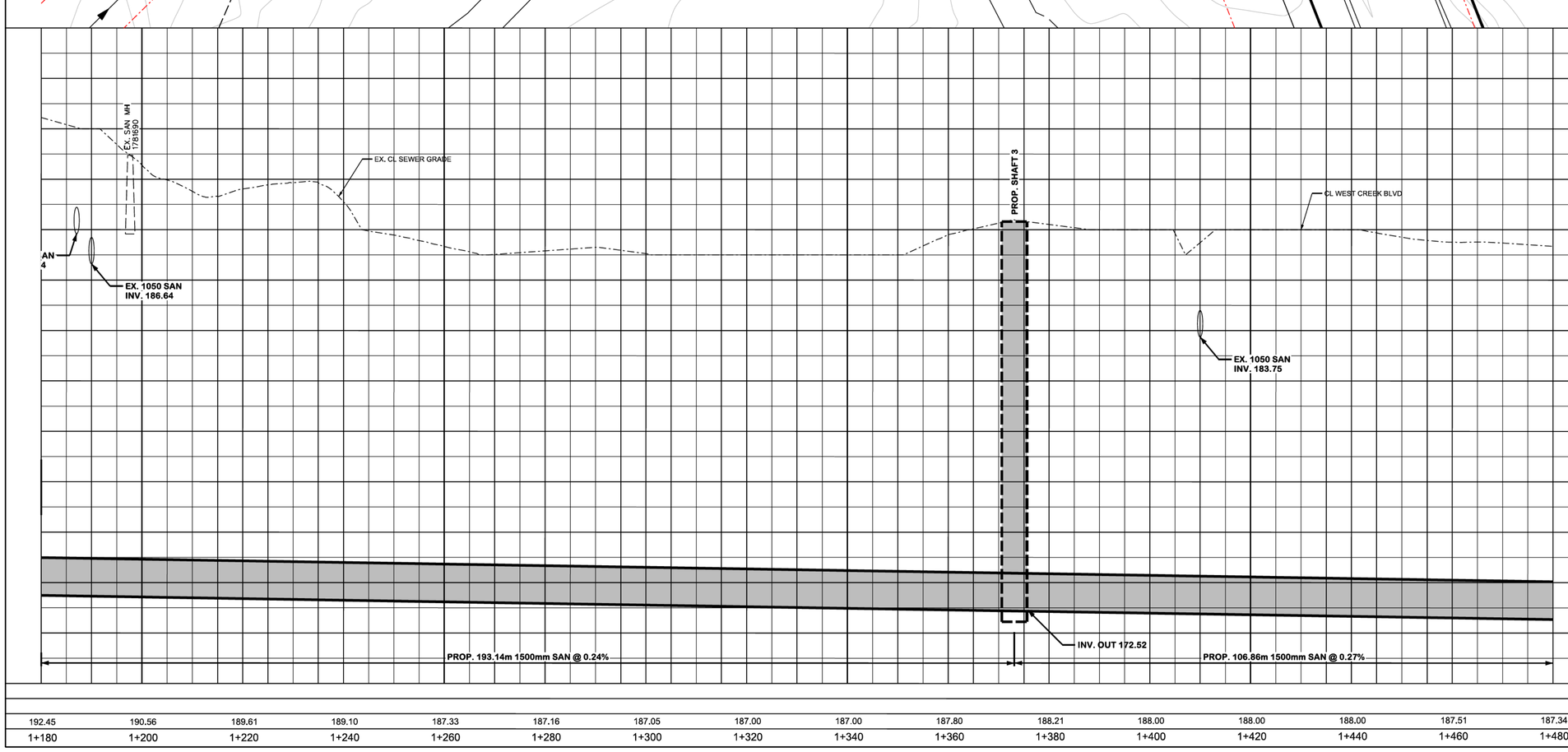
FROM KENNEDY ROAD TO DERRY ROAD E

PROP. 1500mm SANITARY SEWER

STA. 0+880 TO STA. 1+180

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	**PP-4**





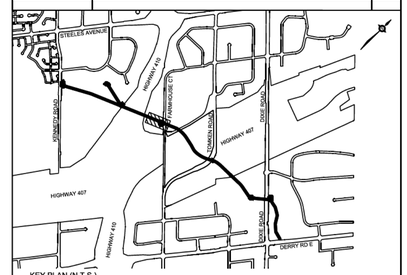
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1+180	1+200	1+220	1+240	1+260	1+280	1+300	1+320	1+340	1+360	1+380	1+400	1+420	1+440	1+460	1+480	ROAD CHAINAGE

SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS

DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



General Notes

All Driveways Are ASPHALT Unless Otherwise Noted

All Water And Sanitary Service Locations Are Approximate And Must Be Located Accurately In The Field

All Horizontal And Vertical Bends Are In Degrees

All Pipes Size In mm

20C Existing Water Service, Size In mm

WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

The Contractor Is Responsible For Locating And Protecting All Existing Utilities Prior To And During Construction. Location Of Existing Utilities Approximate Only, To Be Verified In Field By Contractor.

Jacobs

Approved by

NOTICE TO CONTRACTOR

48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING

THE REGIONAL MUNICIPALITY OF PEEL
CITY OF MISSISSAUGA WORKS DEPT.
CITY OF BRAMPTON WORKS DEPT.
TOWN OF CALEDON WORKS DEPT.
BELL CANADA
ENBRIDGE INCORPORATED-GAS DISTRIBUTION
ONTARIO MINISTRY OF TRANSPORTATION
ONTARIO CLEAN WATER AGENCY
HYDRO ONE NETWORKS
ENERSOURCE, HYDRO MISSISSAUGA
HYDRO ONE BRAMPTON

CABLE TELEVISION/FIBREOPTIC PROVIDERS:
BELL CANADA
ENERSOURCE TELECOM
HYDRO ONE TELECOM
ROGERS CABLE
ALLSTREAM
PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

10m 0 10 20 30m — 1:500 HORIZONTAL SCALE

2m 0 2 4 6m — 1:100 VERTICAL SCALE

Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

FROM KENNEDY ROAD TO DERRY ROAD E

PROP. 1500mm SANITARY SEWER

STA. 1+180 TO STA. 1+480

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	PP-5

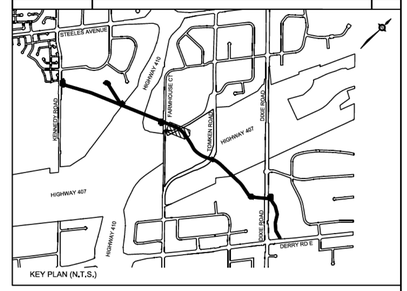


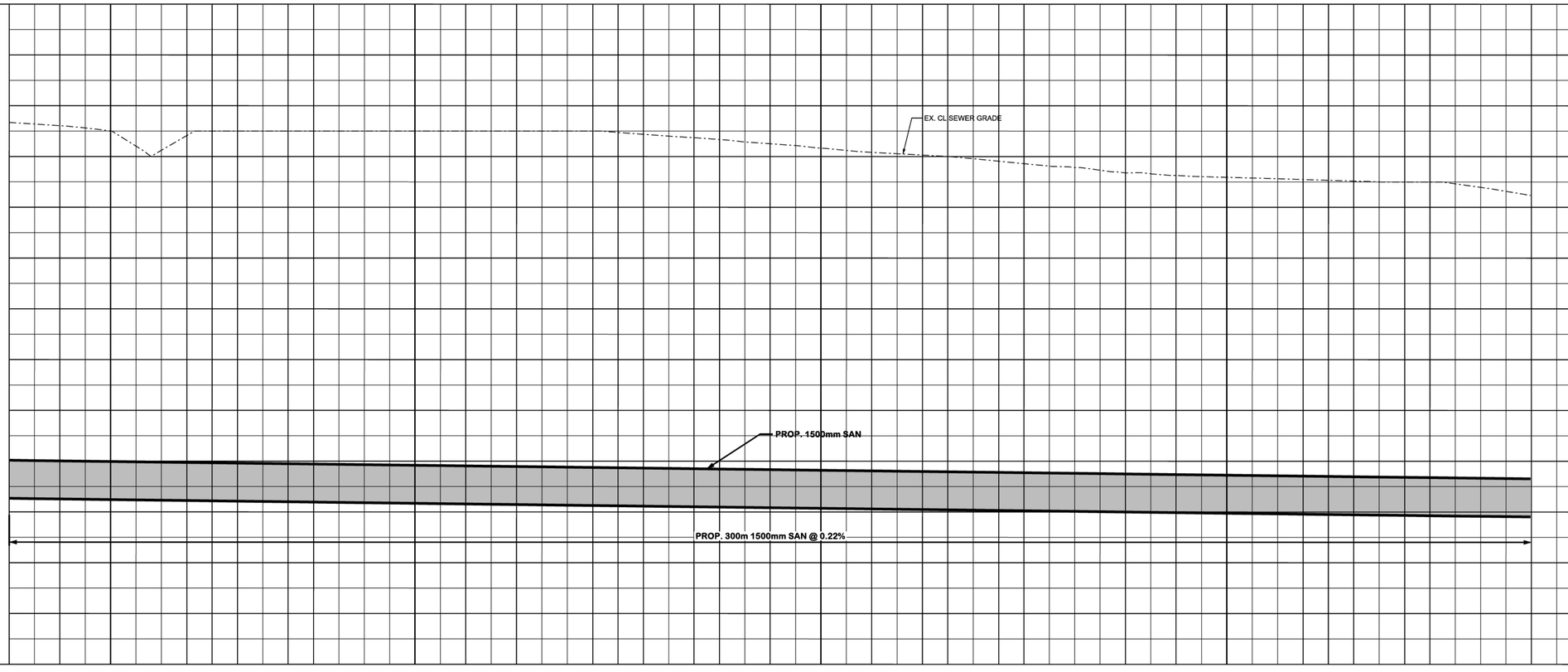
SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS

DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.





General Notes

All Driveways Are ASPHALT Unless Otherwise Noted

All Water And Sanitary Service Locations Are Approximate And Must Be Located Accurately In The Field

All Horizontal And Vertical Bends Are In Degrees

All Pipes Size In mm

20C Existing Water Service, Size In mm

WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

The Contractor Is Responsible For Locating And Protecting All Existing Utilities Prior To And During Construction. Location Of Existing Utilities Approximate Only, To Be Verified In Field By Contractor.

Jacobs

Approved by

NOTICE TO CONTRACTOR

48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING

THE REGIONAL MUNICIPALITY OF PEEL
CITY OF MISSISSAUGA WORKS DEPT.
CITY OF BRAMPTON WORKS DEPT.
TOWN OF CALEDON WORKS DEPT.
BELL CANADA
ENBRIDGE INCORPORATED-GAS DISTRIBUTION
ONTARIO MINISTRY OF TRANSPORTATION
ONTARIO CLEAN WATER AGENCY
HYDRO ONE NETWORKS
ENERSOURCE, HYDRO MISSISSAUGA
HYDRO ONE BRAMPTON

CABLE TELEVISION/FIBREOPTIC PROVIDERS:
BELL CANADA
ENERSOURCE TELECOM
HYDRO ONE TELECOM
ROGERS CABLE
ALLSTREAM
PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

10m 0 10 20 30m — 1:500 HORIZONTAL SCALE

2m 0 2 4 6m — 1:100 VERTICAL SCALE

Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

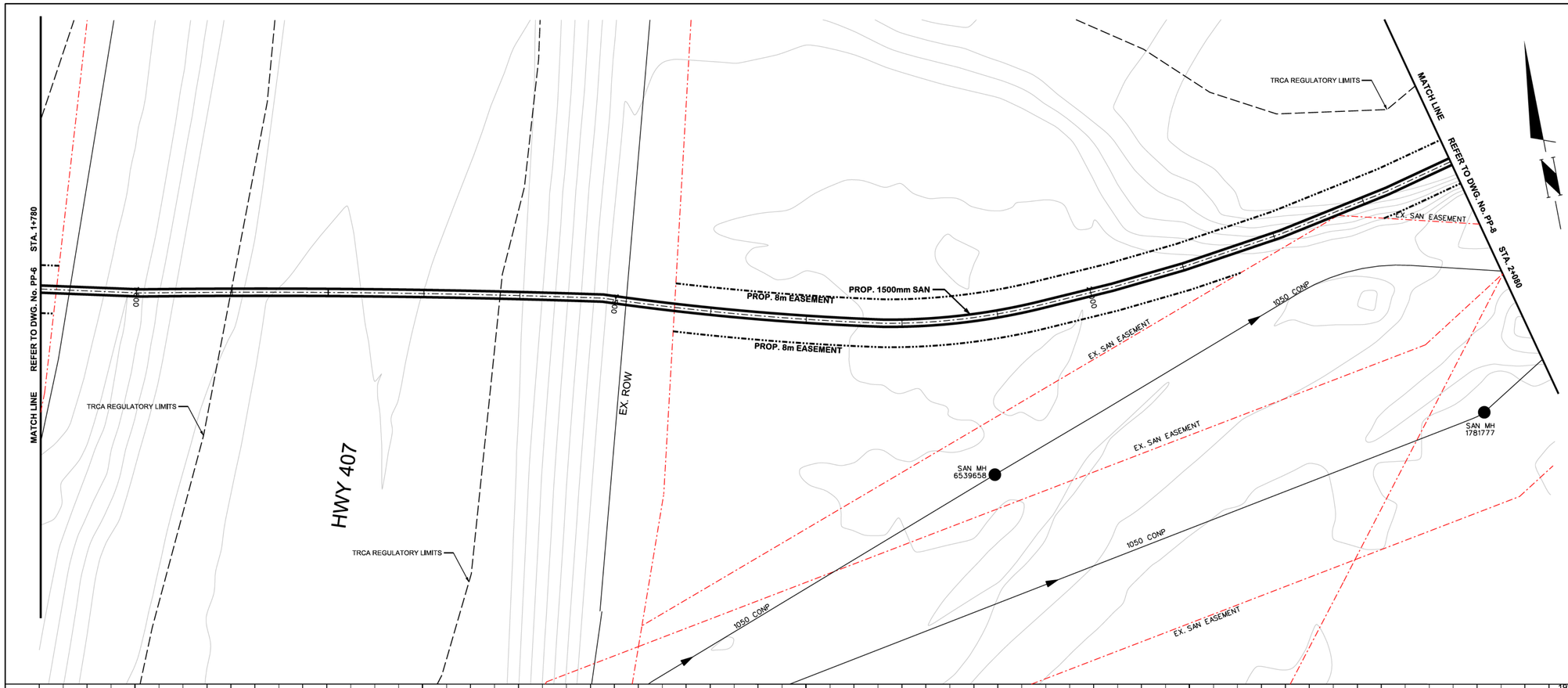
FROM KENNEDY ROAD TO DERRY ROAD E

PROP. 1500mm SANITARY SEWER

STA. 1+480 TO STA. 1+780

																	INV.EL. OF SAN.
187.34	187.01	187.00	187.00	187.00	187.00	186.95	186.67	186.33	186.06	185.72	185.35	185.18	185.06	185.00	184.46		EX. ROAD ELEV.
1+480	1+500	1+520	1+540	1+560	1+580	1+600	1+620	1+640	1+660	1+680	1+700	1+720	1+740	1+760	1+780		ROAD CHAINAGE

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	**PP-6**

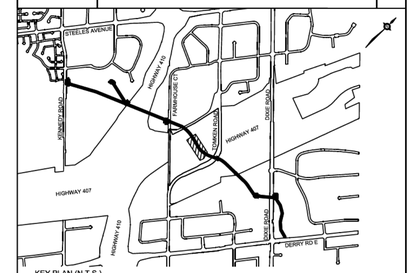


SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS

DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



KEY PLAN (N.T.S.)

General Notes

All Driveways Are ASPHALT Unless Otherwise Noted

All Water And Sanitary Service Locations Are Approximate And Must Be Located Accurately In The Field

All Horizontal And Vertical Bends Are In Degrees

All Pipes Size In mm

20C Existing Water Service, Size In mm

WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

The Contractor Is Responsible For Locating And Protecting All Existing Utilities Prior To And During Construction. Location Of Existing Utilities Approximate Only, To Be Verified In Field By Contractor.

Jacobs

Approved by

NOTICE TO CONTRACTOR

48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING

THE REGIONAL MUNICIPALITY OF PEEL
CITY OF MISSISSAUGA WORKS DEPT.
CITY OF BRAMPTON WORKS DEPT.
TOWN OF CALEDON WORKS DEPT.
BELL CANADA
ENBRIDGE INCORPORATED-GAS DISTRIBUTION
ONTARIO MINISTRY OF TRANSPORTATION
ONTARIO CLEAN WATER AGENCY
HYDRO ONE NETWORKS
ENERSOURCE, HYDRO MISSISSAUGA
HYDRO ONE BRAMPTON

CABLE TELEVISION/FIBREOPTIC PROVIDERS:
BELL CANADA
ENERSOURCE TELECOM
HYDRO ONE TELECOM
ROGERS CABLE
ALLSTREAM
PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

10m 0 10 20 30m — 1:500 HORIZONTAL SCALE

2m 0 2 4 6m — 1:100 VERTICAL SCALE

Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

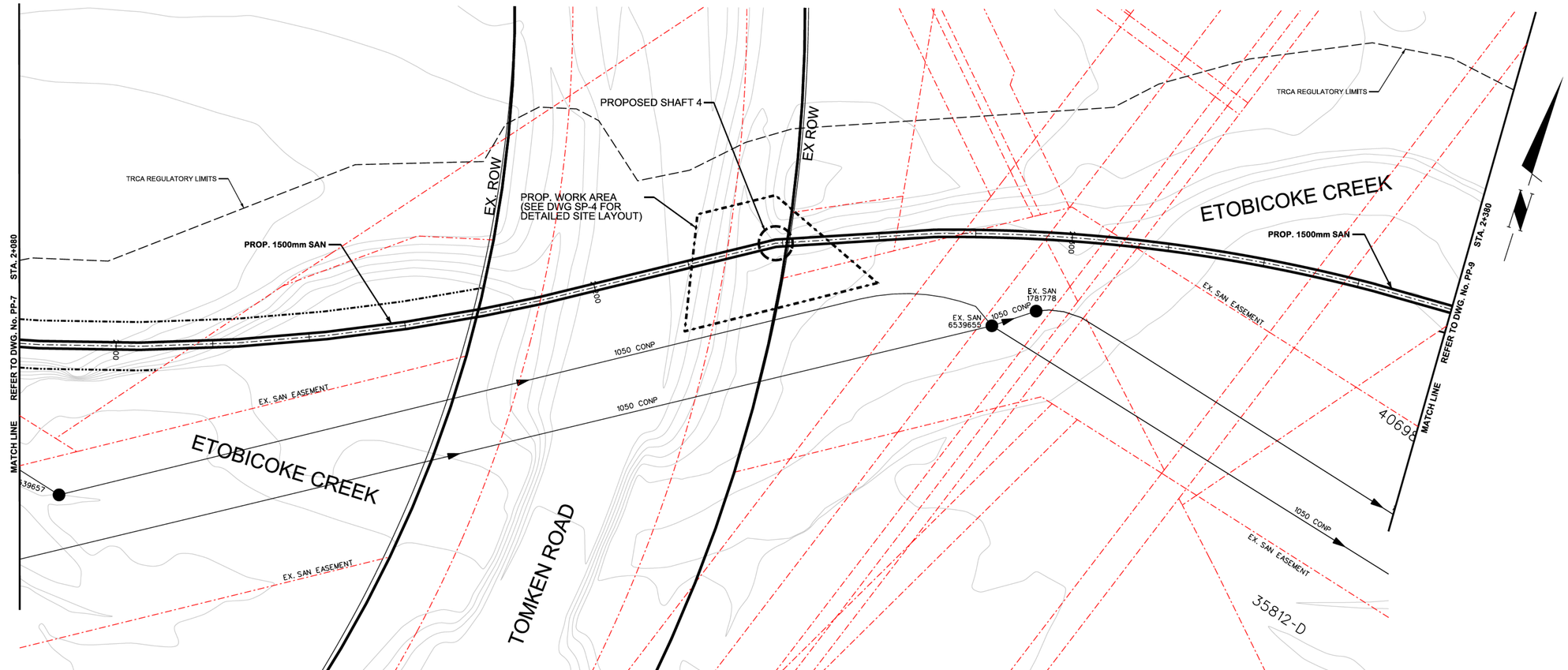
FROM KENNEDY ROAD TO DERRY ROAD E

PROP. 1500mm SANITARY SEWER

STA. 1+780 TO STA. 2+080

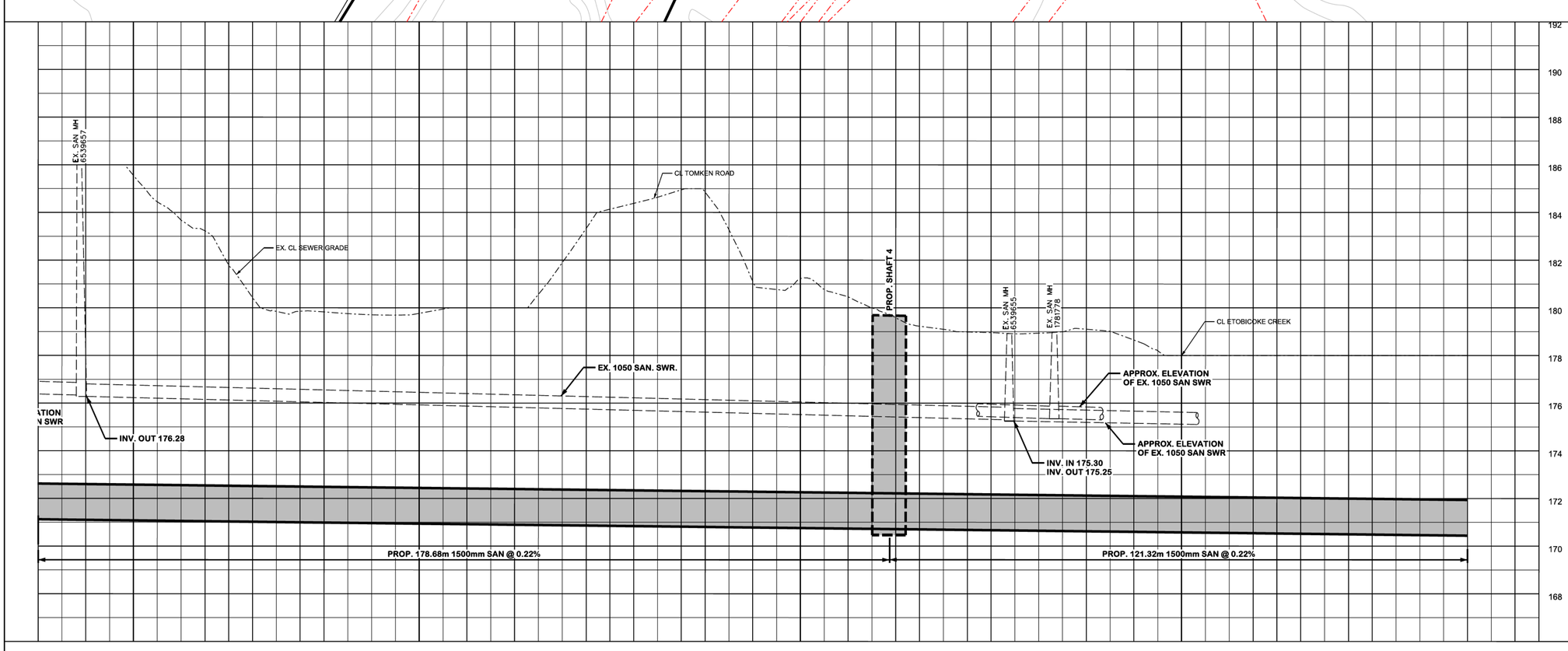
																INV.EL. OF SAN.
184.46	183.54	186.74	188.00	188.00	188.00	181.94	181.36	181.00	181.00	181.00	181.00	181.00	182.63	185.77	186.00	EX. ROAD ELEV.
1+780	1+800	1+820	1+840	1+860	1+880	1+900	1+920	1+940	1+960	1+980	2+000	2+020	2+040	2+060	2+080	ROAD CHAINAGE

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	PP-7



SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS		
DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



General Notes

All Driveways Are ASPHALT Unless Otherwise Noted

All Water And Sanitary Service Locations Are Approximate And Must Be Located Accurately In The Field

All Horizontal And Vertical Bends Are In Degrees

All Pipes Size In mm

20C Existing Water Service, Size In mm

WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

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Jacobs

Approved by

NOTICE TO CONTRACTOR

48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING

THE REGIONAL MUNICIPALITY OF PEEL	CABLE TELEVISION/FIBREOPTIC PROVIDERS:
CITY OF MISSISSAUGA WORKS DEPT.	BELL CANADA
CITY OF BRAMPTON WORKS DEPT.	ENERSOURCE TELECOM
TOWN OF CALEDON WORKS DEPT.	HYDRO ONE TELECOM
BELL CANADA	ROGERS CABLE
ENBRIDGE INCORPORATED-GAS DISTRIBUTION	ALLSTREAM
ONTARIO MINISTRY OF TRANSPORTATION	PSN (PUBLIC SECTOR NETWORK)
ONTARIO CLEAN WATER AGENCY	FUTUREWAY (FCI BROADBAND)
HYDRO ONE NETWORKS	
ENERSOURCE, HYDRO MISSISSAUGA	
HYDRO ONE BRAMPTON	

10m 0 10 20 30m — 1:500 HORIZONTAL SCALE

2m 0 2 4 6m — 1:100 VERTICAL SCALE

Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

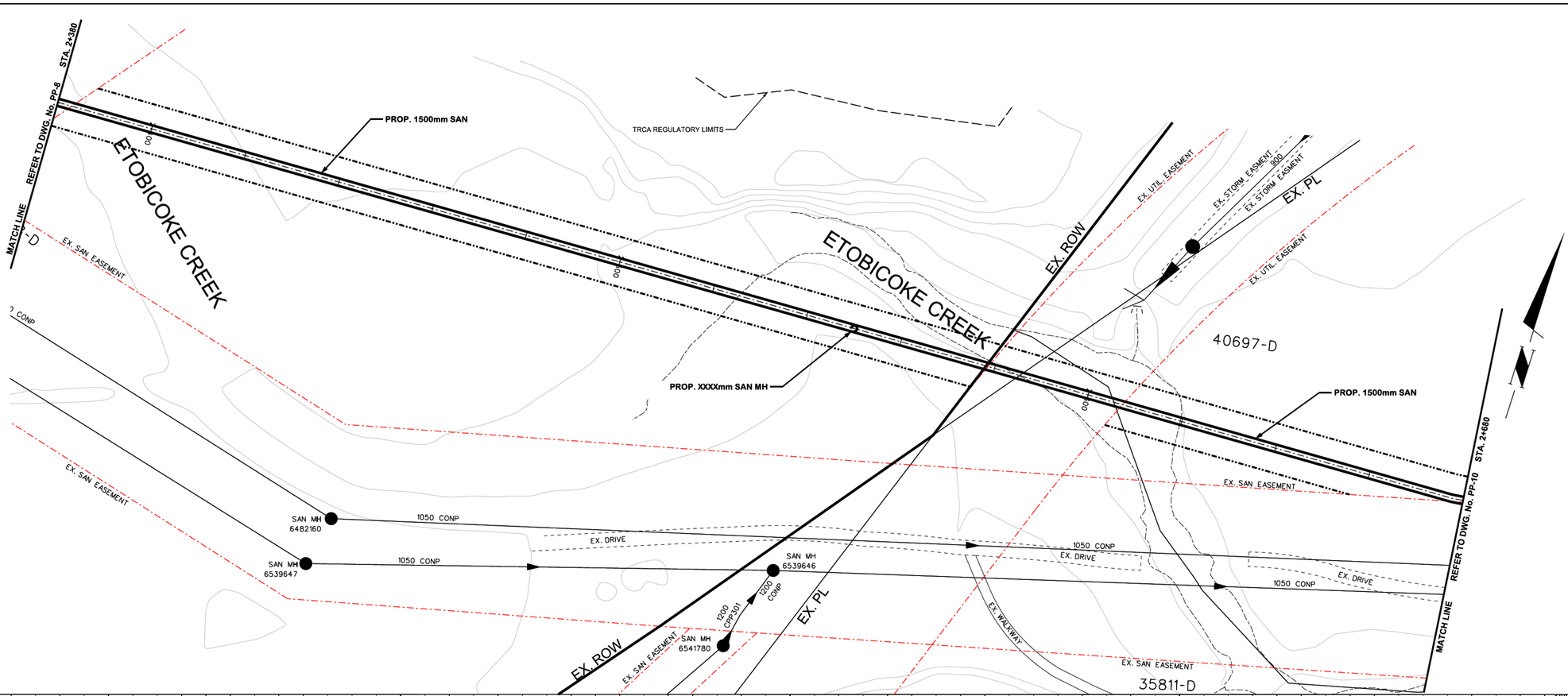
FROM KENNEDY ROAD TO DERRY ROAD E

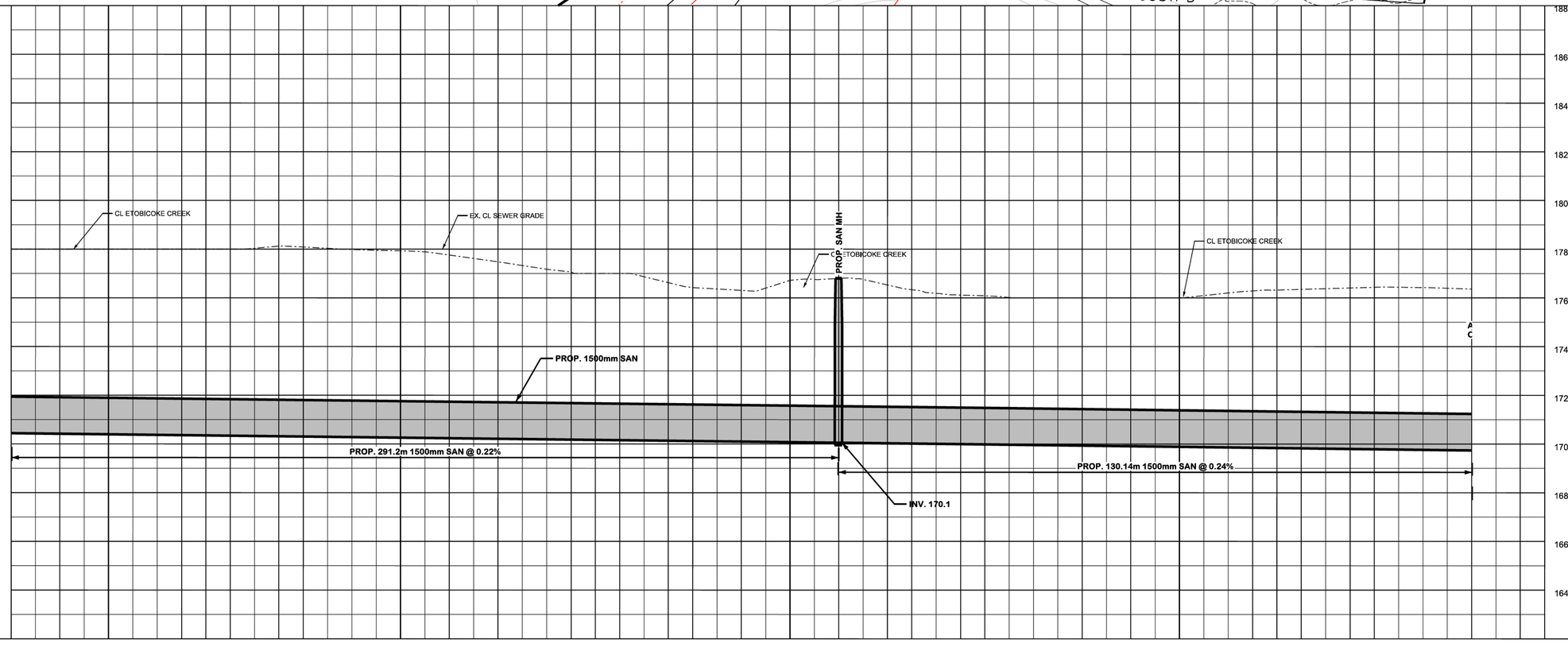
PROP. 1500mm SANITARY SEWER

STA. 2+080 TO STA. 2+380

																	INV.EL. OF SAN.
186.00	185.55	181.79	179.83	179.77	180.00	184.14	184.85	181.23	179.58	178.96	179.10	178.00	178.00	178.00	178.00		EX. ROAD ELEV.
2+080	2+100	2+120	2+140	2+160	2+180	2+200	2+220	2+240	2+260	2+280	2+300	2+320	2+340	2+360	2+380		ROAD CHAINAGE

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	PP-8





INV.EL. OF SAN.																	
178.00	178.00	178.00	178.00	178.09	177.93	177.47	177.00	176.42	176.72	176.52	176.08	176.00	176.00	176.32	176.43	EX. ROAD ELEV.
2+360	2+380	2+400	2+420	2+440	2+460	2+480	2+500	2+520	2+540	2+560	2+580	2+600	2+620	2+640	2+660	ROAD CHAINAGE

SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS

DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.

General Notes

All Driveways Are ASPHALT Unless Otherwise Noted

All Water And Sanitary Service Locations Are Approximate And Must Be Located Accurately In The Field

All Horizontal And Vertical Bends Are In Degrees

All Pipes Size In mm

20C Existing Water Service, Size In mm

WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

The Contractor Is Responsible For Locating And Protecting All Existing Utilities Prior To And During Construction. Location Of Existing Utilities Approximate Only, To Be Verified In Field By Contractor.

Jacobs

Approved by

NOTICE TO CONTRACTOR

48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING

THE REGIONAL MUNICIPALITY OF PEEL
CITY OF MISSISSAUGA WORKS DEPT.
CITY OF BRAMPTON WORKS DEPT.
TOWN OF CALEDON WORKS DEPT.
BELL CANADA
ENBRIDGE INCORPORATED-GAS DISTRIBUTION
ONTARIO MINISTRY OF TRANSPORTATION
ONTARIO CLEAN WATER AGENCY
HYDRO ONE NETWORKS
ENERSOURCE, HYDRO MISSISSAUGA
HYDRO ONE BRAMPTON

CABLE TELEVISION/FIBREOPTIC PROVIDERS:
BELL CANADA
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FUTUREWAY (FCI BROADBAND)

10m 0 10 20 30m — 1:500 HORIZONTAL SCALE

2m 0 2 4 6m — 1:100 VERTICAL SCALE

Region of Peel
working with you

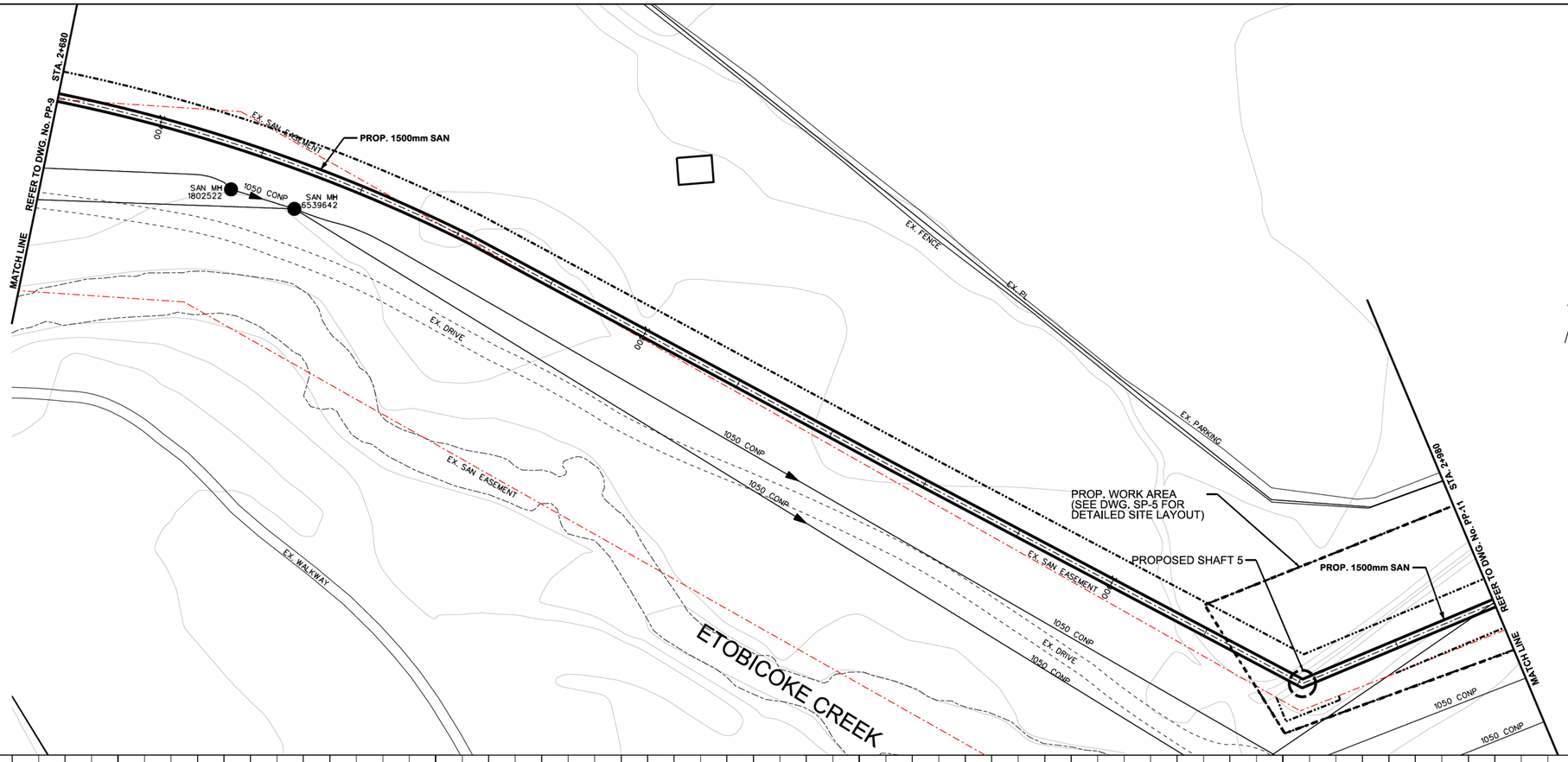
ETOBICOKE CREEK TRUNK SEWER

FROM KENNEDY ROAD TO DERRY ROAD E

PROP. 1500mm SANITARY SEWER

STA. 2+380 TO STA. 2+680

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	PP-9



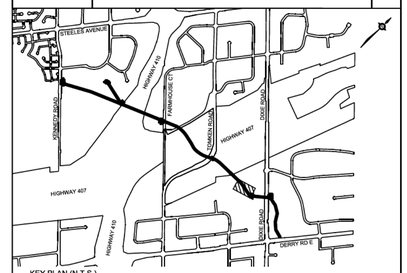
INV.EL. OF SAN.																	
176.37	176.21	176.14	176.03	176.00	176.00	175.89	175.98	176.00	176.00	175.73	175.81	177.06	176.44	177.00	176.94	EX. ROAD ELEV.
2+680	2+700	2+720	2+740	2+760	2+780	2+800	2+820	2+840	2+860	2+880	2+900	2+920	2+940	2+960	2+980	ROAD CHAINAGE

SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS

DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



General Notes

All Driveways Are ASPHALT Unless Otherwise Noted

All Water And Sanitary Service Locations Are Approximate And Must Be Located Accurately In The Field

All Horizontal And Vertical Bends Are In Degrees

All Pipes Size In mm

20C Existing Water Service, Size In mm

WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

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NOTICE TO CONTRACTOR

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CITY OF BRAMPTON WORKS DEPT.
TOWN OF CALEDON WORKS DEPT.
BELL CANADA
ENBRIDGE INCORPORATED-GAS DISTRIBUTION
ONTARIO MINISTRY OF TRANSPORTATION
ONTARIO CLEAN WATER AGENCY
HYDRO ONE NETWORKS
ENERSOURCE, HYDRO MISSISSAUGA
HYDRO ONE BRAMPTON

CABLE TELEVISION/FIBREOPTIC PROVIDERS:
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FUTUREWAY (FCI BROADBAND)

10m 0 10 20 30m — 1:500 HORIZONTAL SCALE

2m 0 2 4 6m — 1:100 VERTICAL SCALE

Region of Peel
working with you

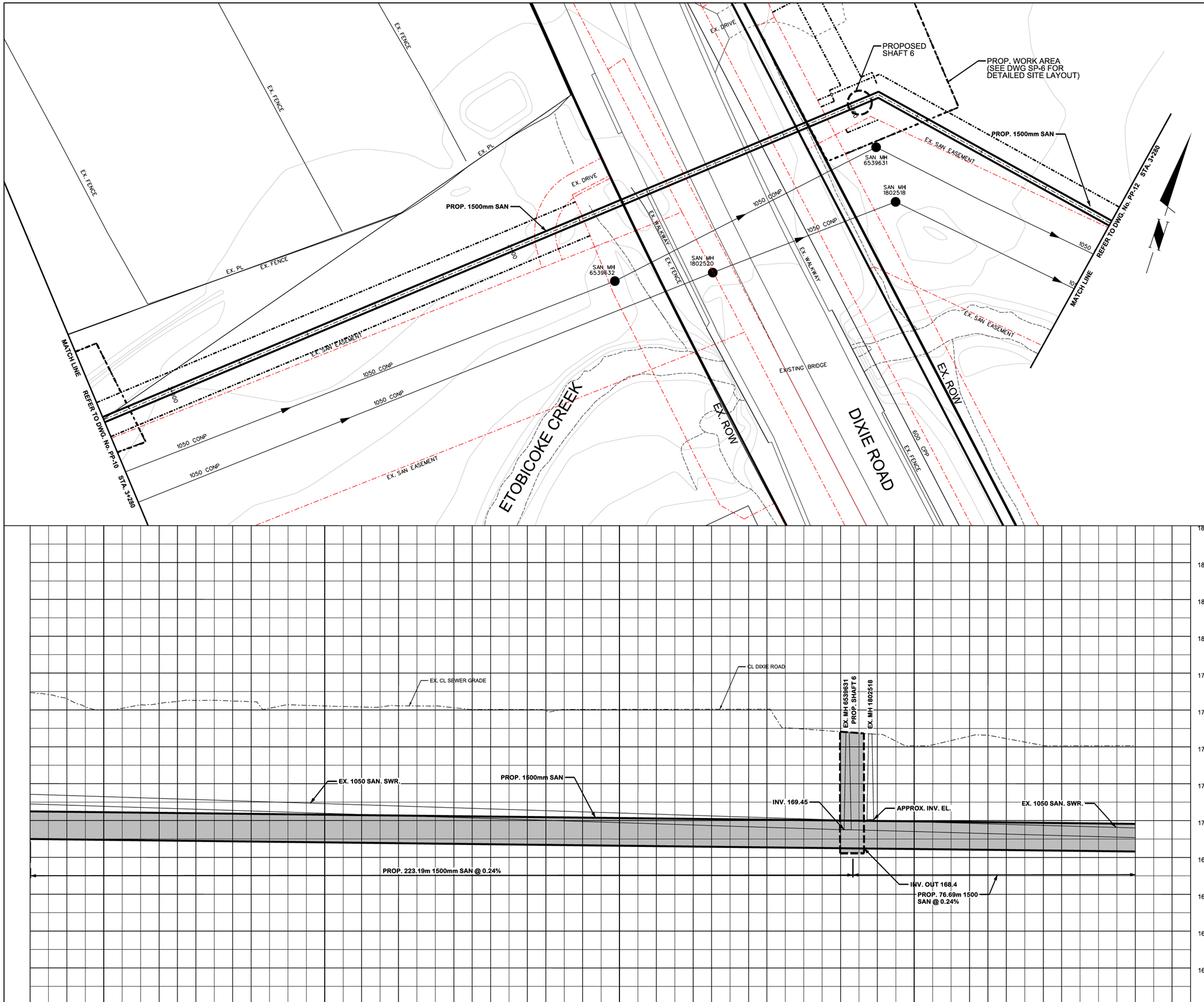
ETOBICOKE CREEK TRUNK SEWER

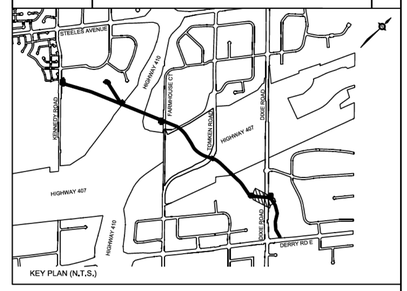
FROM KENNEDY ROAD TO DERRY ROAD E

PROP. 1500mm SANITARY SEWER

STA. 2+680 TO STA. 2+980

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	**PP-10**





INV.EL. OF SAN.																
176.94	176.00	176.46	176.44	176.20	176.20	176.00	175.92	176.00	176.00	176.00	174.77	174.00	174.57	174.00	174.00	EX. ROAD ELEV.
2+980	3+000	3+020	3+040	3+060	3+080	3+100	3+120	3+140	3+160	3+180	3+200	3+220	3+240	3+260	3+280	ROAD CHAINAGE

SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS

DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.

General Notes

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All Horizontal And Vertical Bends Are In Degrees

All Pipes Size In mm

20C Existing Water Service, Size In mm

WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

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Approved by

NOTICE TO CONTRACTOR

48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING

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CITY OF BRAMPTON WORKS DEPT.
TOWN OF CALEDON WORKS DEPT.
BELL CANADA
ENBRIDGE INCORPORATED-GAS DISTRIBUTION
ONTARIO MINISTRY OF TRANSPORTATION
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HYDRO ONE NETWORKS
ENERSOURCE, HYDRO MISSISSAUGA
HYDRO ONE BRAMPTON

CABLE TELEVISION/FIBREOPTIC PROVIDERS:
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HYDRO ONE TELECOM
ROGERS CABLE
ALLSTREAM
PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

10m 0 10 20 30m — 1:500 HORIZONTAL SCALE

2m 0 2 4 6m — 1:100 VERTICAL SCALE

Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

FROM KENNEDY ROAD TO DERRY ROAD E

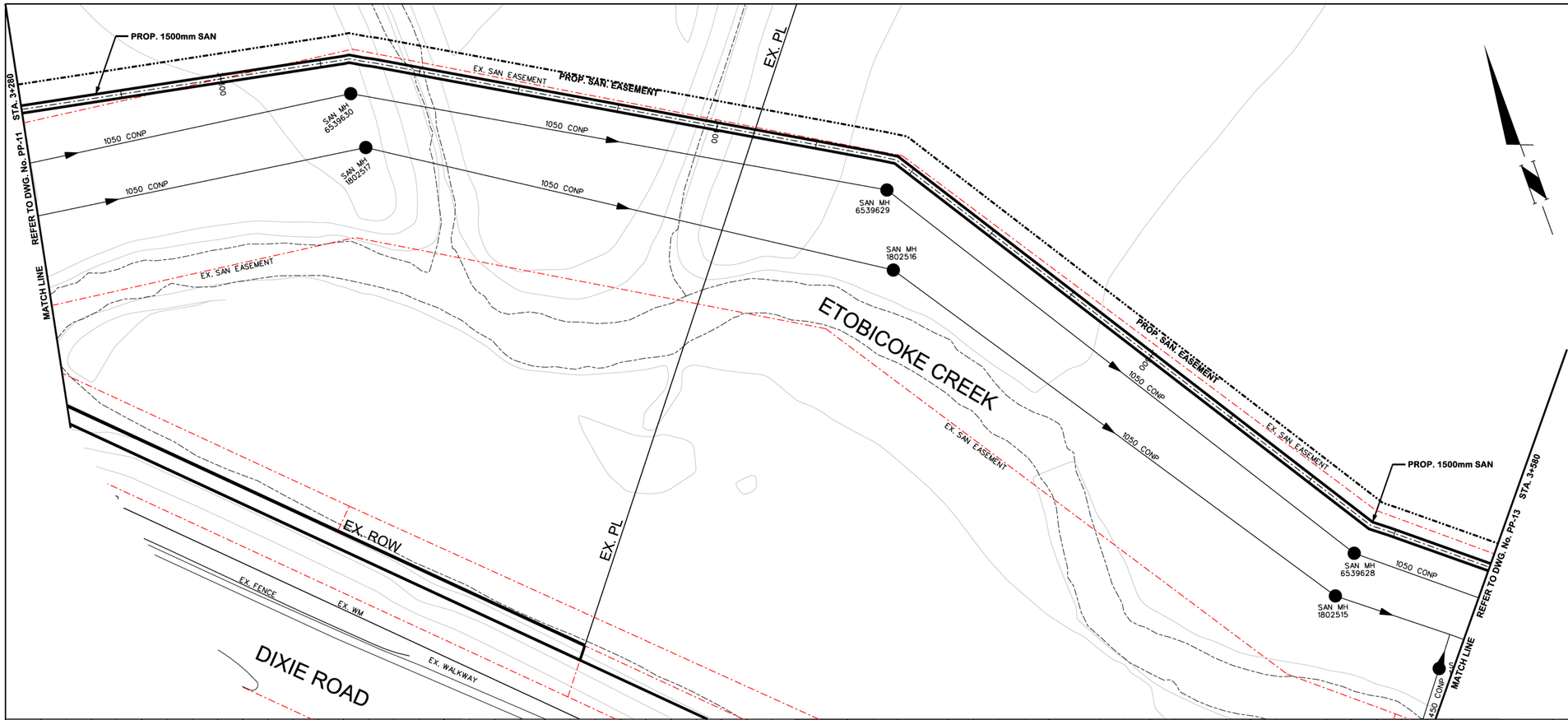
PROP. 1500mm SANITARY SEWER

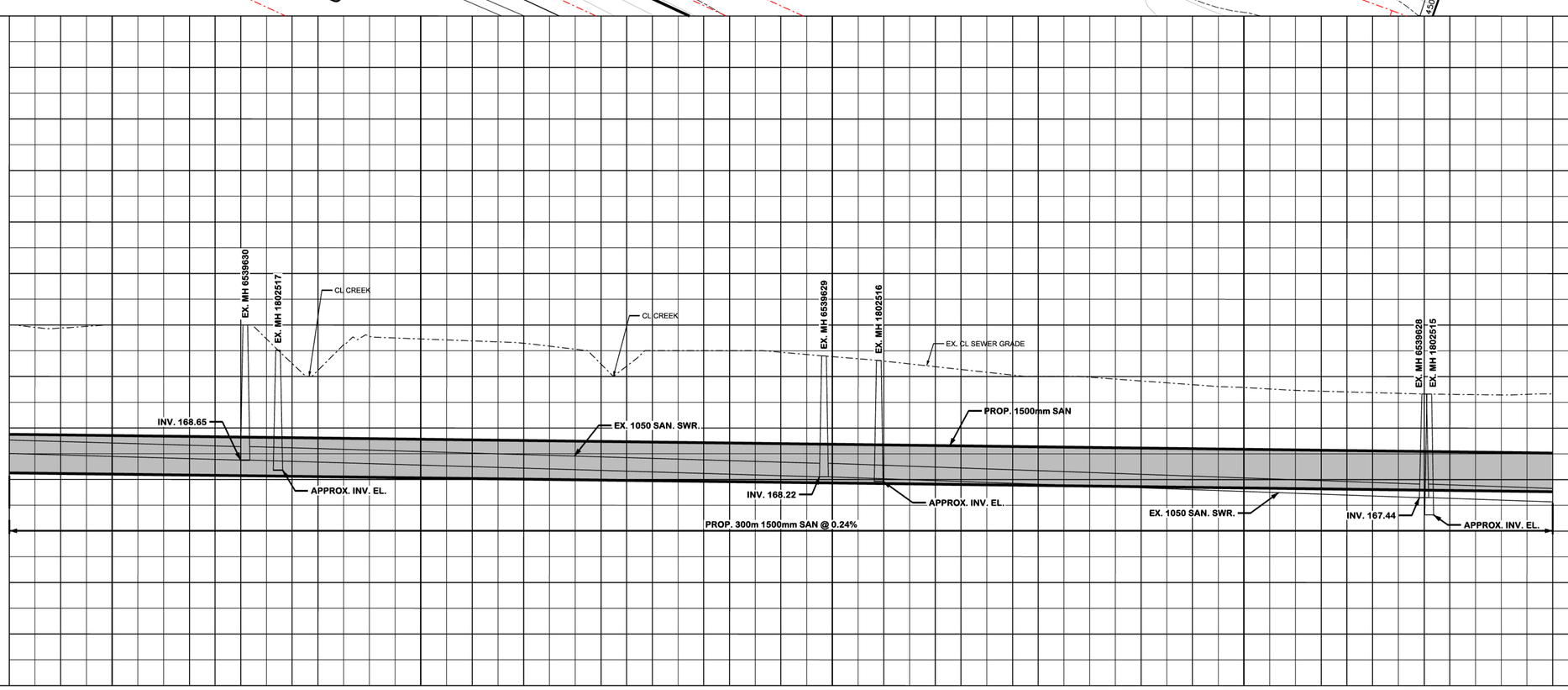
STA. 2+980 TO STA. 3+280

CAD Area	X-XX	Area	X-XX
Checked by	D.P.	Drawn by	G.H.
Date	AUG 2022	Sheet	XX of XX

Project No. 18-2260

Plan No. **PP-11**





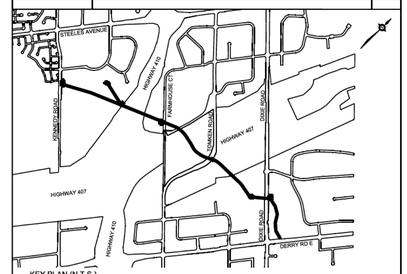
																INV.EL. OF SAN.
174.00	174.00	174.00	172.25	173.46	173.29	172.39	173.00	172.77	172.38	172.00	171.82	171.57	171.40	171.30	171.32	EX. ROAD ELEV.
3+280	3+300	3+320	3+340	3+360	3+380	3+400	3+420	3+440	3+460	3+480	3+500	3+520	3+540	3+560	3+580	ROAD CHAINAGE

SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS

DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



General Notes

All Driveways Are ASPHALT Unless Otherwise Noted

All Water And Sanitary Service Locations Are Approximate And Must Be Located Accurately In The Field

All Horizontal And Vertical Bends Are In Degrees

All Pipes Size In mm

20C Existing Water Service, Size In mm

WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

The Contractor Is Responsible For Locating And Protecting All Existing Utilities Prior To And During Construction. Location Of Existing Utilities Approximate Only, To Be Verified In Field By Contractor.

Jacobs

Approved by

NOTICE TO CONTRACTOR

48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING

THE REGIONAL MUNICIPALITY OF PEEL
CITY OF MISSISSAUGA WORKS DEPT.
CITY OF BRAMPTON WORKS DEPT.
TOWN OF CALEDON WORKS DEPT.
BELL CANADA.
ENBRIDGE INCORPORATED-GAS DISTRIBUTION
ONTARIO MINISTRY OF TRANSPORTATION
ONTARIO CLEAN WATER AGENCY
HYDRO ONE NETWORKS
ENERSOURCE, HYDRO MISSISSAUGA
HYDRO ONE BRAMPTON

CABLE TELEVISION/FIBREOPTIC PROVIDERS:
BELL CANADA
ENERSOURCE TELECOM
HYDRO ONE TELECOM
ROGERS CABLE
ALLSTREAM
PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

10m 0 10 20 30m 1:500 HORIZONTAL SCALE

2m 0 2 4 6m 1:100 VERTICAL SCALE

Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

FROM KENNEDY ROAD TO DERRY ROAD E

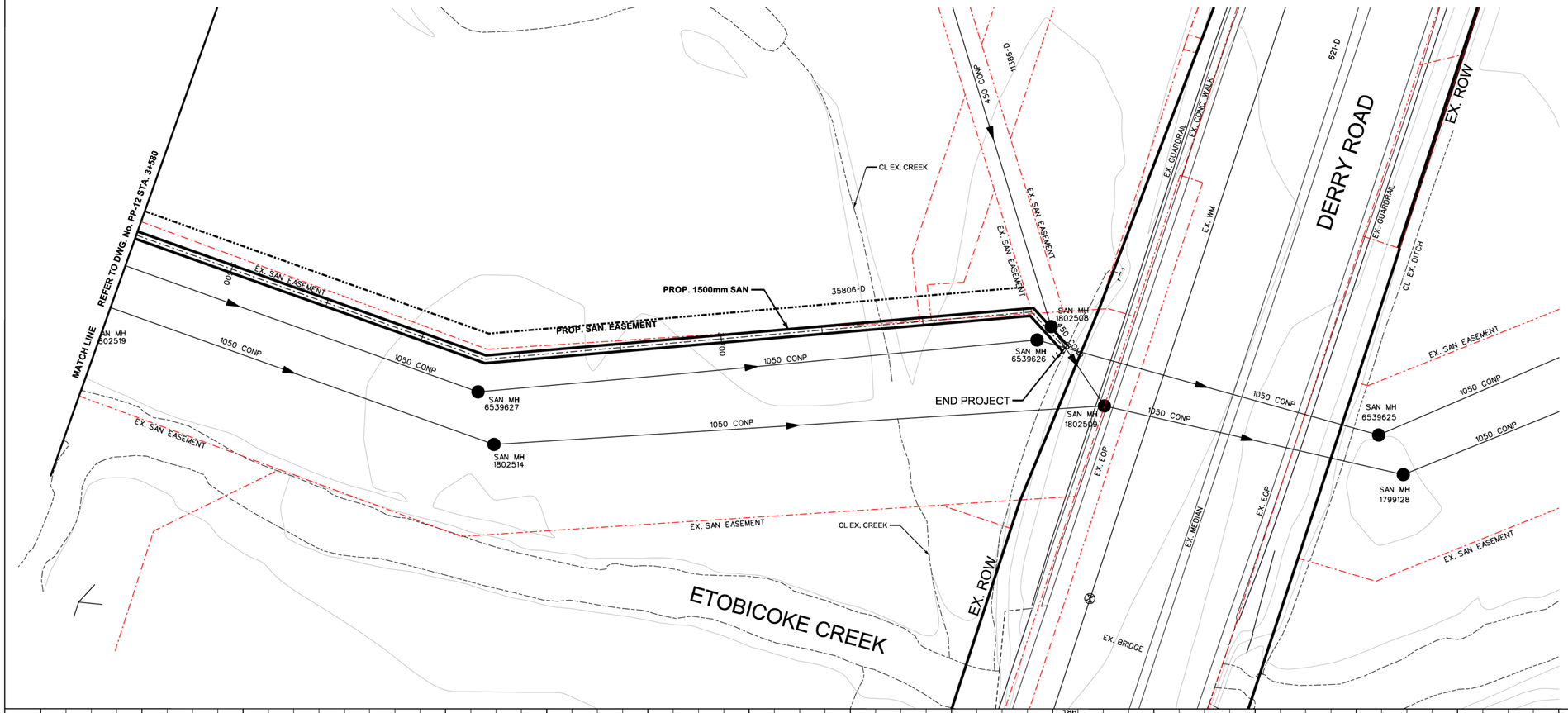
PROP. 1500mm SANITARY SEWER

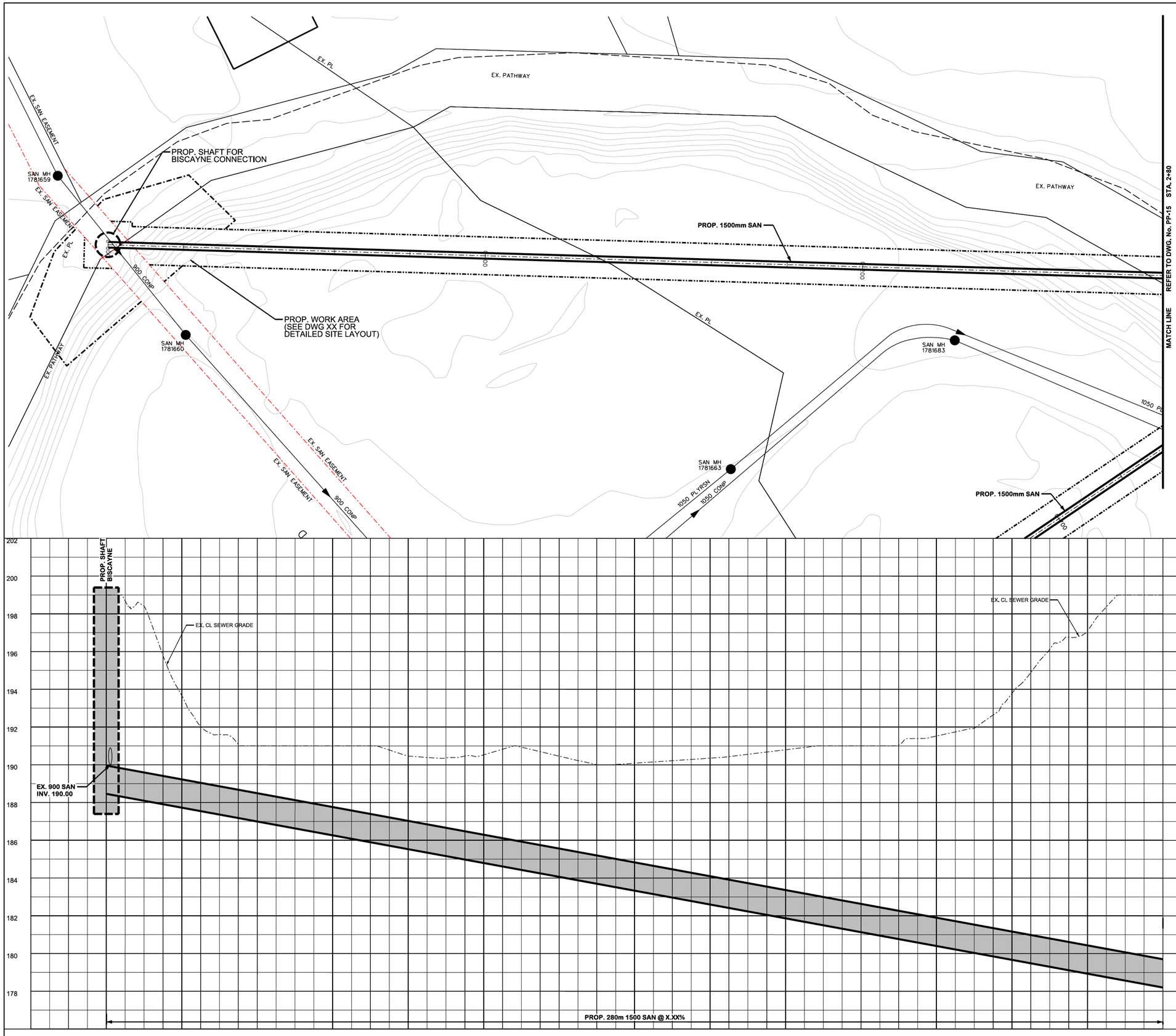
STA. 3+280 TO STA. 3+580

CAD Area	X-XX	Area	X-XX
Checked by	D.P.	Drawn by	G.H.
Date	AUG 2022	Sheet	XX of XX

Project No. 18-2260

Plan No. **PP-12**


MATCH LINE
REFER TO DWG. No. PP-12 STA. 3+580
EX. SAN EASEMENT
1050 CONP
SAN MH 1802519
SAN MH 6539627
SAN MH 1802514
PROP. 1500mm SAN
PROP. SAN. EASEMENT
35806-D
CL EX. CREEK
ETOBICOKE CREEK
END PROJECT
SAN MH 1802508
SAN MH 6539626
SAN MH 1802509
EX. ROW
EX. SAN EASEMENT
EX. GUARDRAIL
EX. CONC. WALK
EX. WM
DERRY ROAD
EX. ROW
EX. GUARDRAIL
CL EX. DITCH
EX. SAN EASEMENT
1050 CONP
SAN MH 6539625
SAN MH 1799128
EX. EOP
EX. MEDIAN
EX. EOP
EX. BRIDGE
EX. SAN EASEMENT
CL EX. CREEK
13986-D
621-D
EX. SAN EASEMENT
1050 CONP
EX. SAN EASEMENT
1050 CONP
1050 CONP
1050 CONP

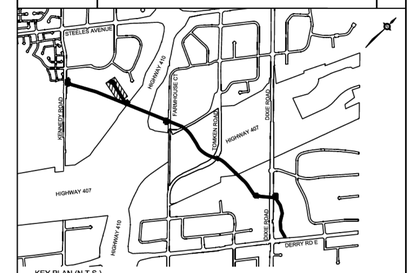


SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS

DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



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B.M. No. Elev.
Description
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ENERSOURCE, HYDRO MISSISSAUGA
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PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

10m 0 10 20 30m — 1:500 HORIZONTAL SCALE

2m 0 2 4 6m — 1:100 VERTICAL SCALE

Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

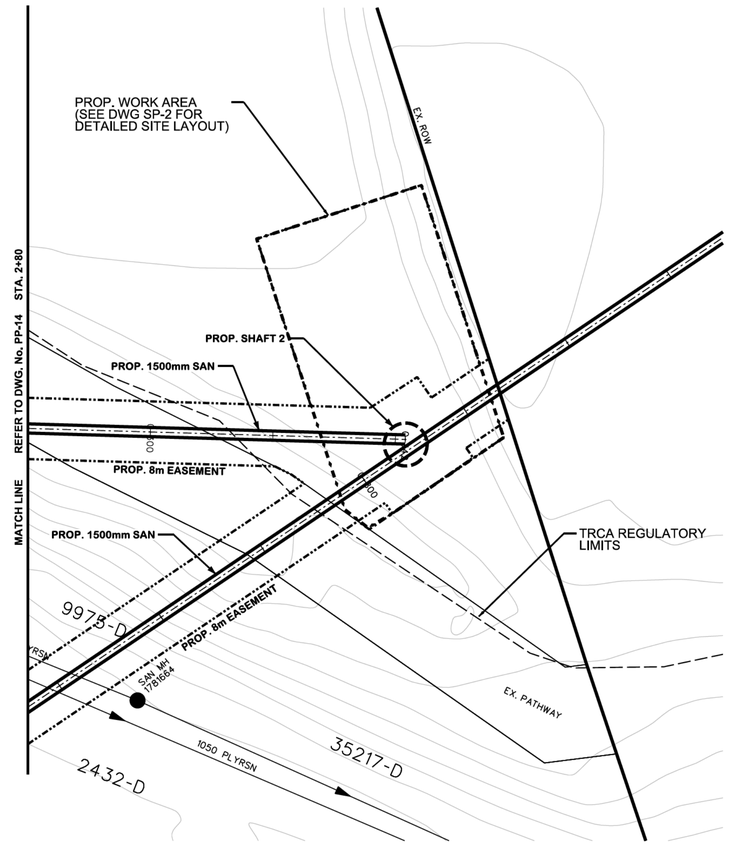
FROM KENNEDY ROAD TO DERRY ROAD E

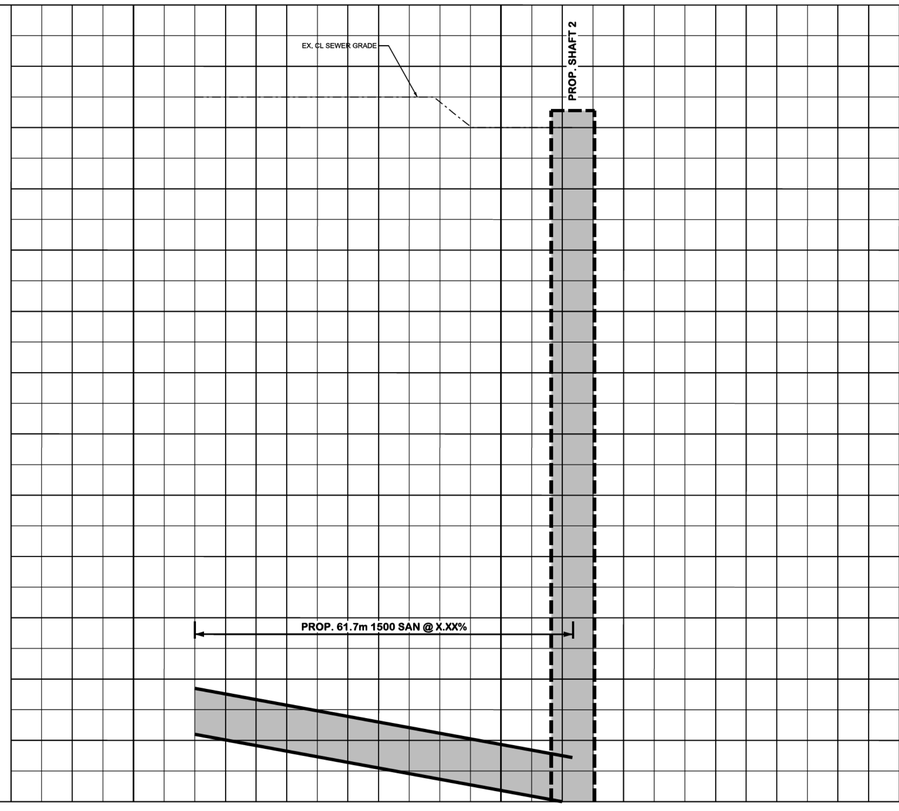
PROP. 1500mm SANITARY SEWER

STA. 0+000 TO STA. 0+280

INV.EL. OF SAN.																199.00
EX. ROAD ELEV.	199.00	193.66	191.00	191.00	190.46	190.53	190.46	190.08	190.35	190.80	191.00	191.52	193.79	197.09	199.00	
ROAD CHAINAGE	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	PP-14





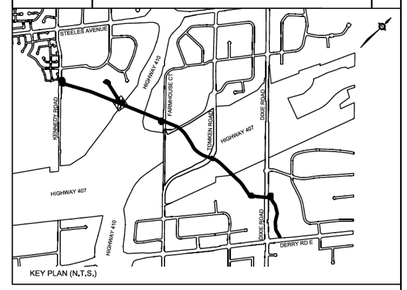
INV.EL. OF SAN.				
EX. ROAD ELEV.	199.00	199.00	198.84	198.00
ROAD CHAINAGE	0+280	0+300	0+320	0+340

SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS

DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



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WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

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TOWN OF CALEDON WORKS DEPT.
BELL CANADA
ENBRIDGE INCORPORATED-GAS DISTRIBUTION
ONTARIO MINISTRY OF TRANSPORTATION
ONTARIO CLEAN WATER AGENCY
HYDRO ONE NETWORKS
ENERSOURCE, HYDRO MISSISSAUGA
HYDRO ONE BRAMPTON

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ROGERS CABLE
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10m 0 10 20 30m — 1:500 HORIZONTAL SCALE

2m 0 2 4 6m — 1:100 VERTICAL SCALE

Region of Peel
working with you

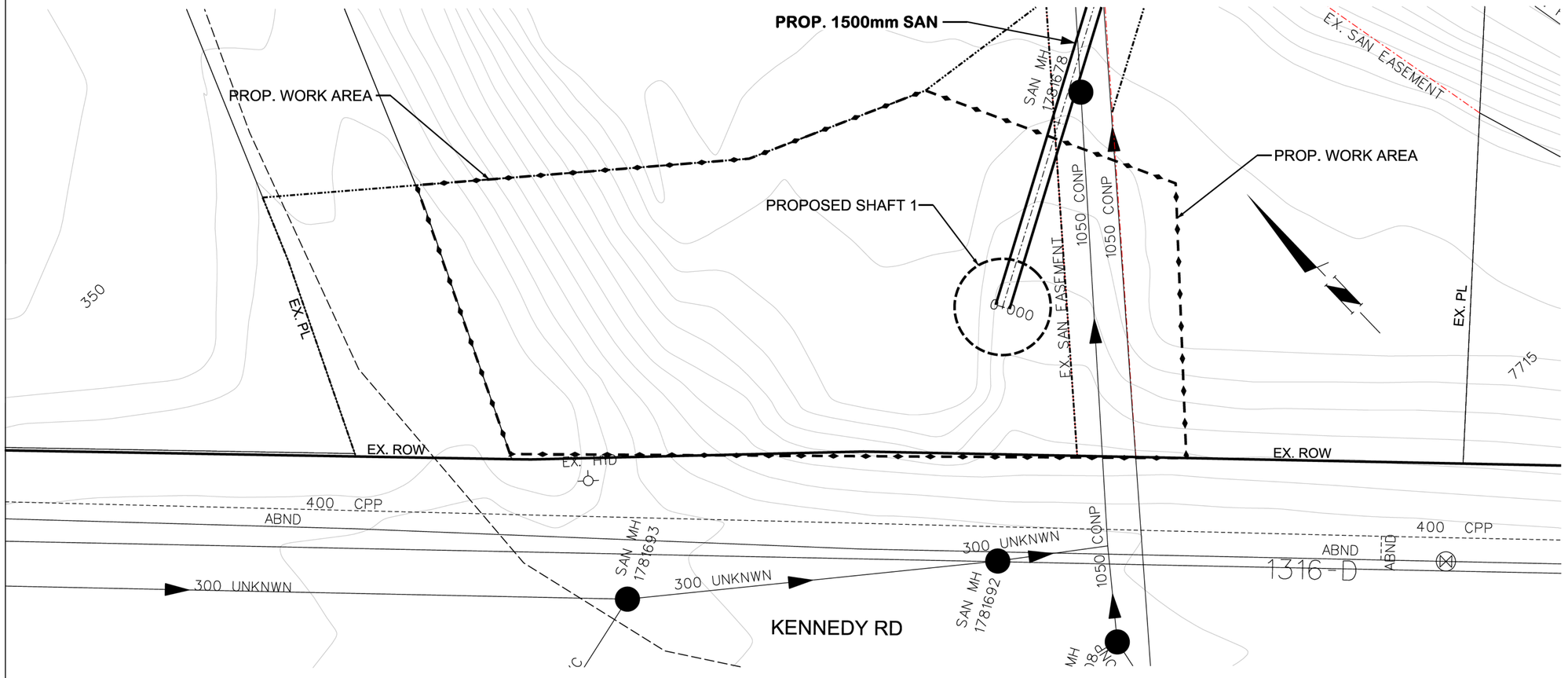
ETOBICOKE CREEK TRUNK SEWER

FROM KENNEDY ROAD TO DERRY ROAD E

PROP. 1500mm SANITARY SEWER

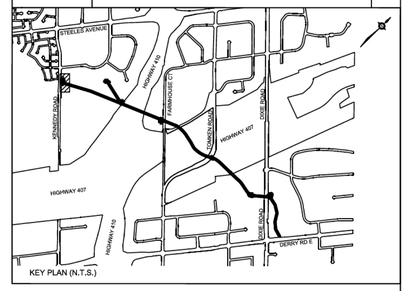
STA. 0+280 TO STA. 0+360

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	PP-15



SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS		
DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



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All Pipes Size In mm

20C Existing Water Service, Size In mm

WS25 Proposed Water Service, Size In mm

B.M. No.
Description
Location
Elev.

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Jacobs

Approved by

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HYDRO ONE NETWORKS
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HYDRO ONE TELECOM
ROGERS CABLE
ALLSTREAM
PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

5m 0 5 10 15m
1:250
HORIZONTAL SCALE

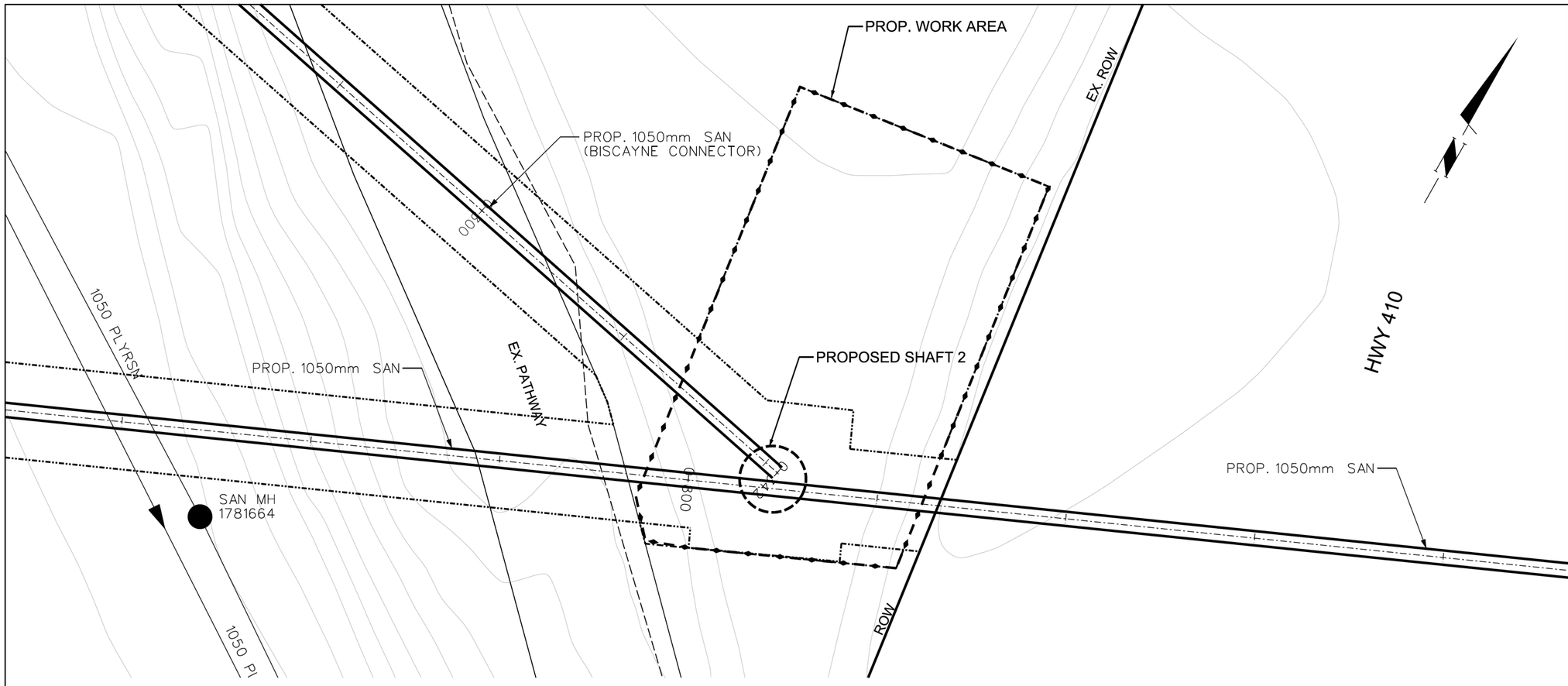
Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

SHAFT 1

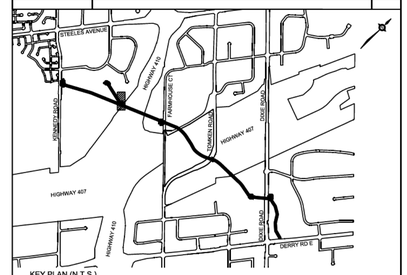
SITE PLAN

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	**SP-1**



SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS		
DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



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WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

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ENBRIDGE INCORPORATED-GAS DISTRIBUTION
ONTARIO MINISTRY OF TRANSPORTATION
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HYDRO ONE NETWORKS
ENERSOURCE, HYDRO MISSISSAUGA
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HYDRO ONE TELECOM
ROGERS CABLE
ALLSTREAM
PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

5m 0 5 10 15m
1:250
HORIZONTAL SCALE

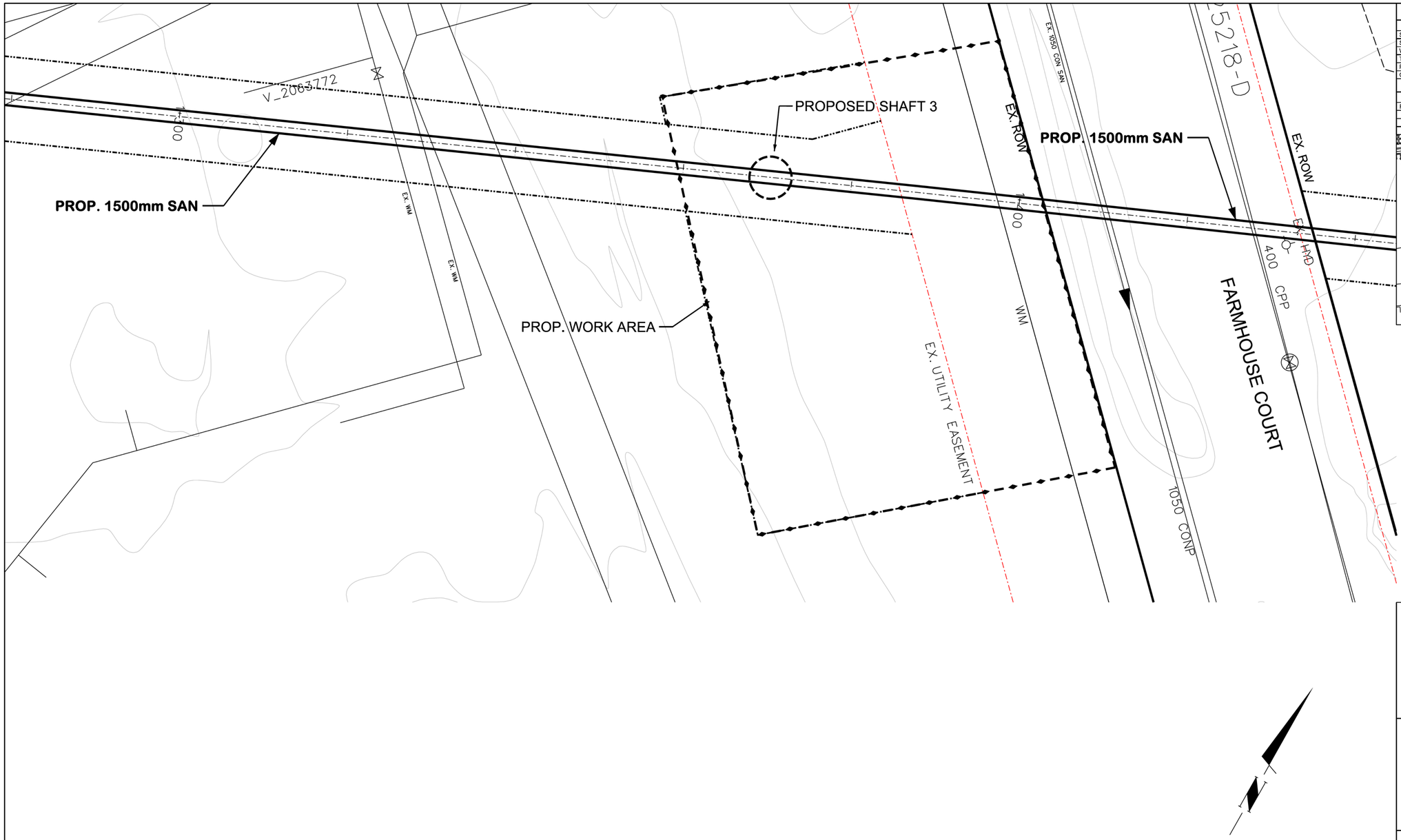
Region of Peel
working with you

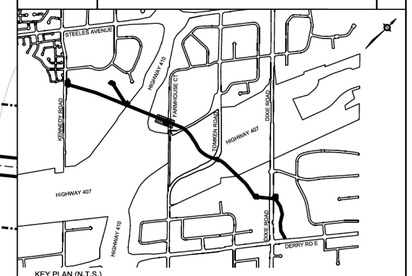
ETOBICOKE CREEK TRUNK SEWER

SHAFT 2

SITE LOCATION

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.	Plan No.	SP-2
Date	AUG 2022	Sheet	XX of XX		





SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS

DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.

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Description
Location

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5m 0 5 10 15m
1:250
HORIZONTAL SCALE

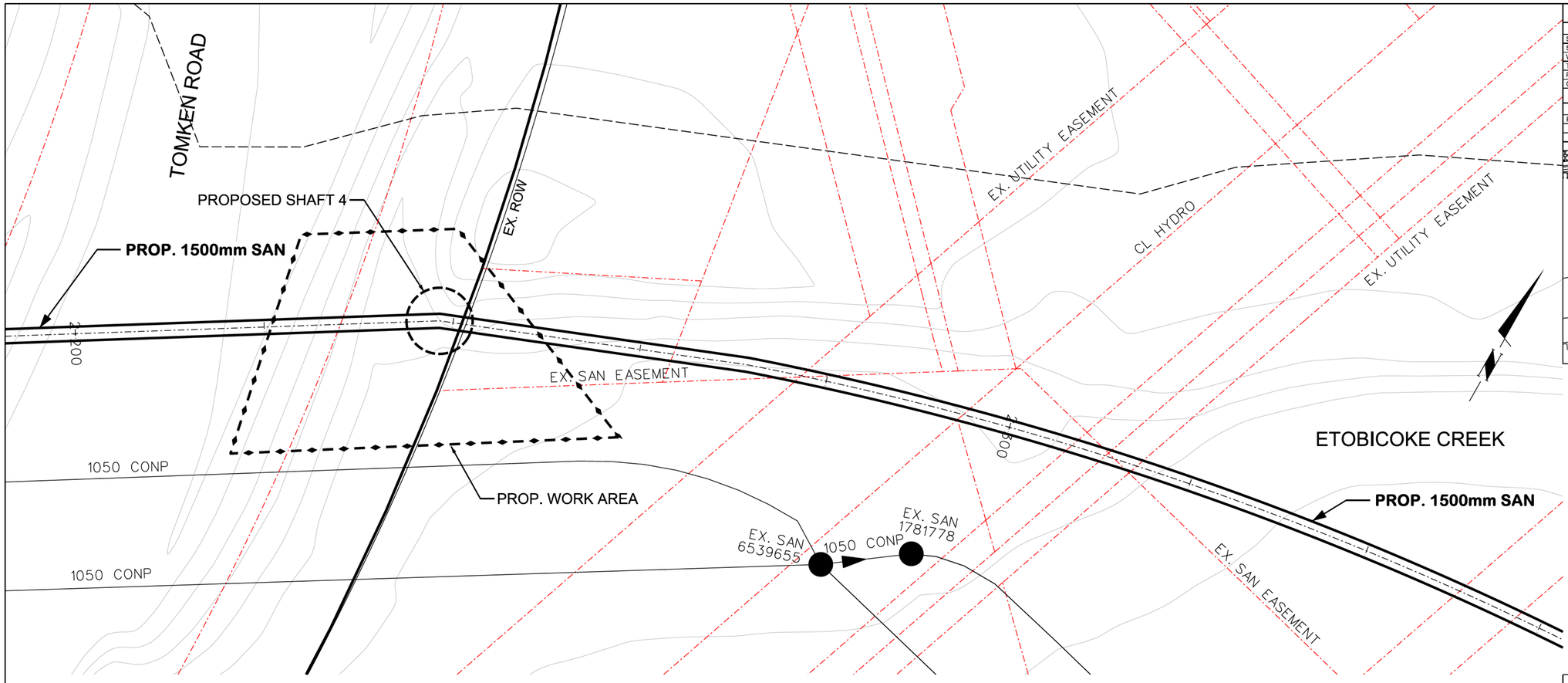
Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

SHAFT 3

SITE PLAN

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	SP-3

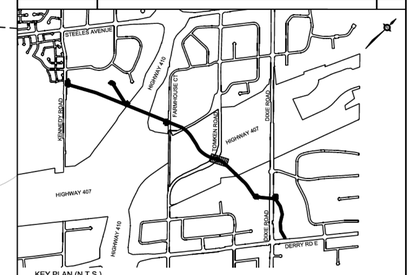


SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
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TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS

DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



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PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

5m 0 5 10 15m
1:250
HORIZONTAL SCALE

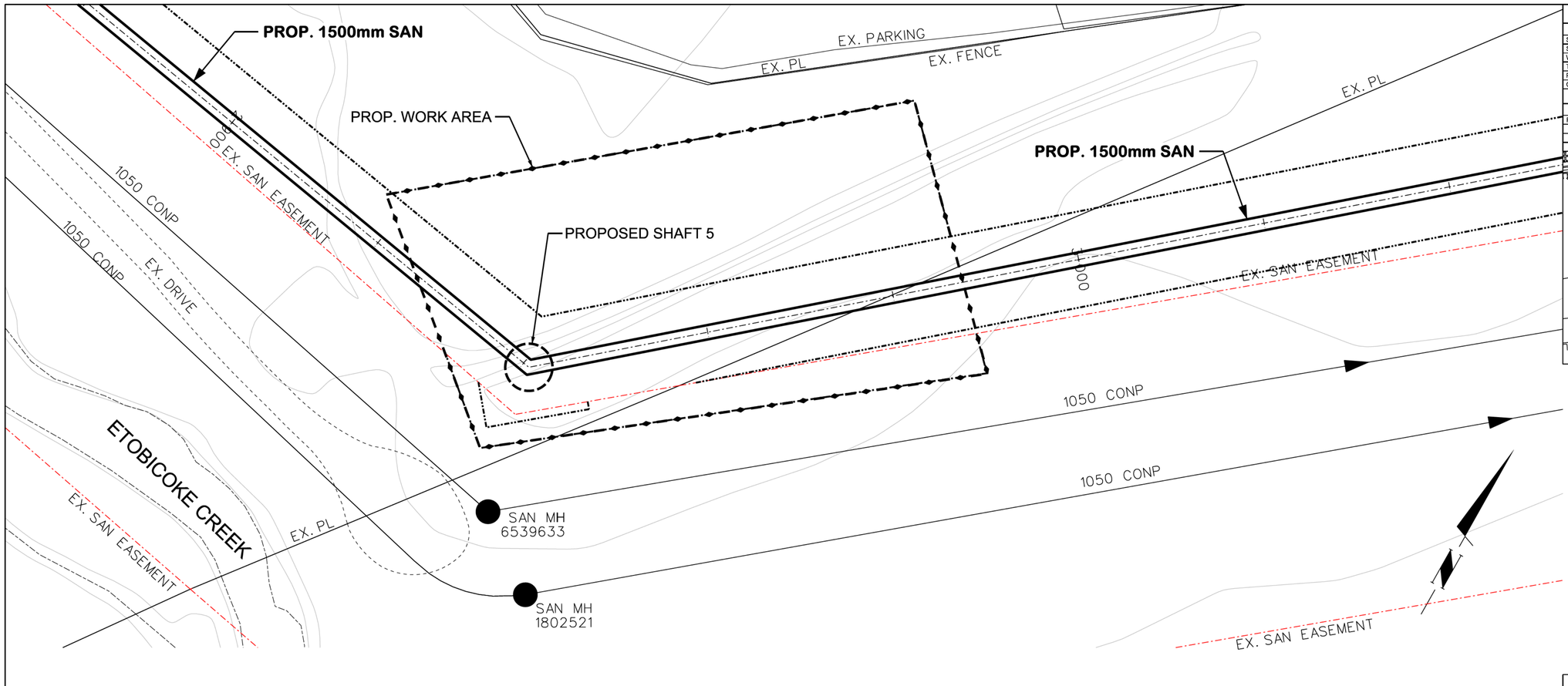
Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

SHAFT 4

SITE LOCATION

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	**SP-4**

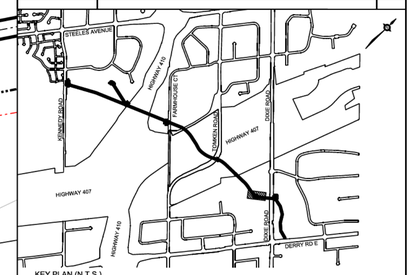


SERVICE DATA

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REV1 DATE	REVISION ISSUE1	D.P.



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ENBRIDGE INCORPORATED-GAS DISTRIBUTION
ONTARIO MINISTRY OF TRANSPORTATION
ONTARIO CLEAN WATER AGENCY
HYDRO ONE NETWORKS
ENERSOURCE, HYDRO MISSISSAUGA
HYDRO ONE BRAMPTON

CABLE TELEVISION/FIBREOPTIC PROVIDERS:
BELL CANADA
ENERSOURCE TELECOM
HYDRO ONE TELECOM
ROGERS CABLE
ALLSTREAM
PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

5m 0 5 10 15m
1:250
HORIZONTAL SCALE

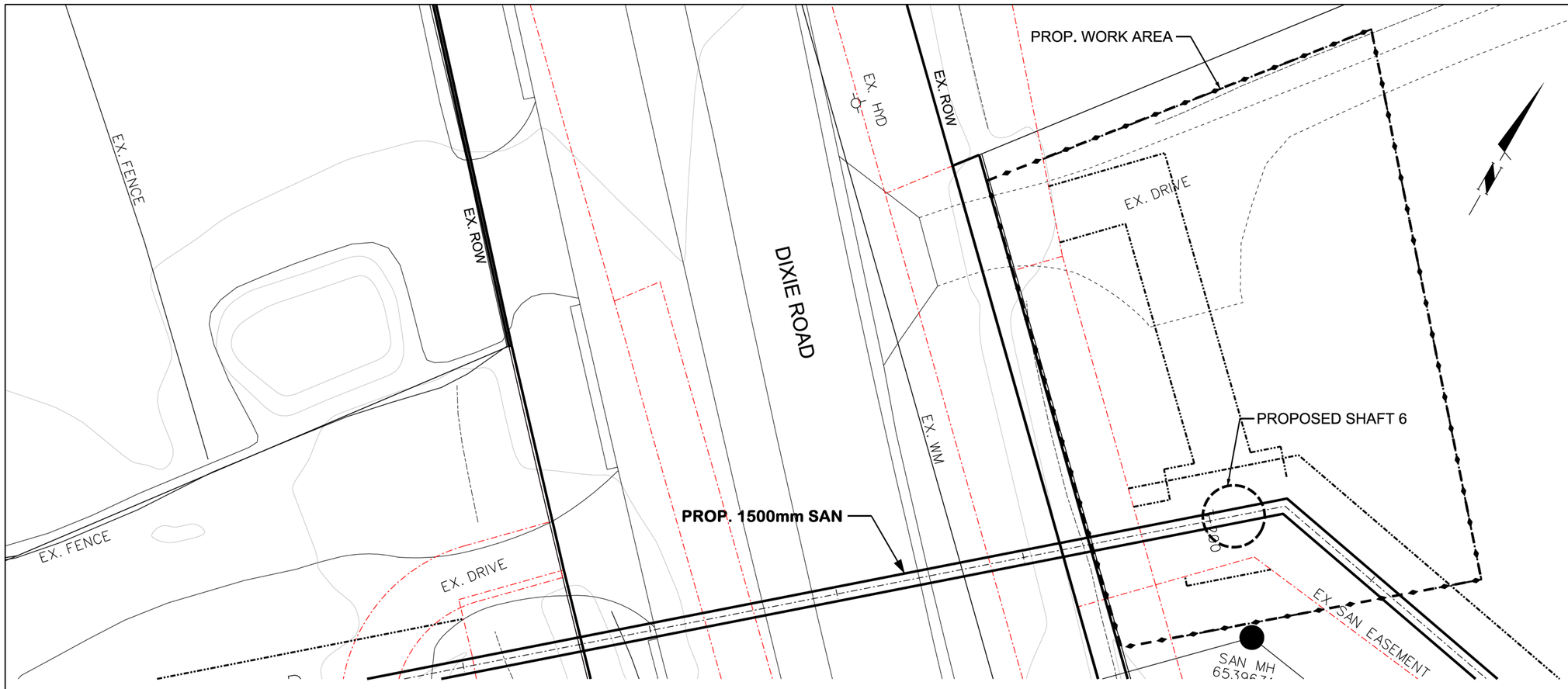
Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

SHAFT 5

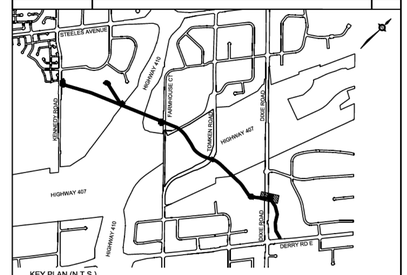
SITE PLAN

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	SP-5



SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS		
DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



KEY PLAN (N.T.S.)

General Notes

All Driveways Are ASPHALT Unless Otherwise Noted

All Water And Sanitary Service Locations Are Approximate And Must Be Located Accurately In The Field

All Horizontal And Vertical Bends Are In Degrees

All Pipes Size In mm

20C Existing Water Service, Size In mm

WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

The Contractor Is Responsible For Locating And Protecting All Existing Utilities Prior To And During Construction. Location Of Existing Utilities Approximate Only, To Be Verified In Field By Contractor.

Jacobs

Approved by

NOTICE TO CONTRACTOR

48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING

THE REGIONAL MUNICIPALITY OF PEEL
CITY OF MISSISSAUGA WORKS DEPT.
CITY OF BRAMPTON WORKS DEPT.
TOWN OF CALEDON WORKS DEPT.
BELL CANADA
ENBRIDGE INCORPORATED-GAS DISTRIBUTION
ONTARIO MINISTRY OF TRANSPORTATION
ONTARIO CLEAN WATER AGENCY
HYDRO ONE NETWORKS
ENERSOURCE, HYDRO MISSISSAUGA
HYDRO ONE BRAMPTON

CABLE TELEVISION/FIBREOPTIC PROVIDERS:
BELL CANADA
ENERSOURCE TELECOM
HYDRO ONE TELECOM
ROGERS CABLE
ALLSTREAM
PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

5m 0 5 10 15m
1:250
HORIZONTAL SCALE

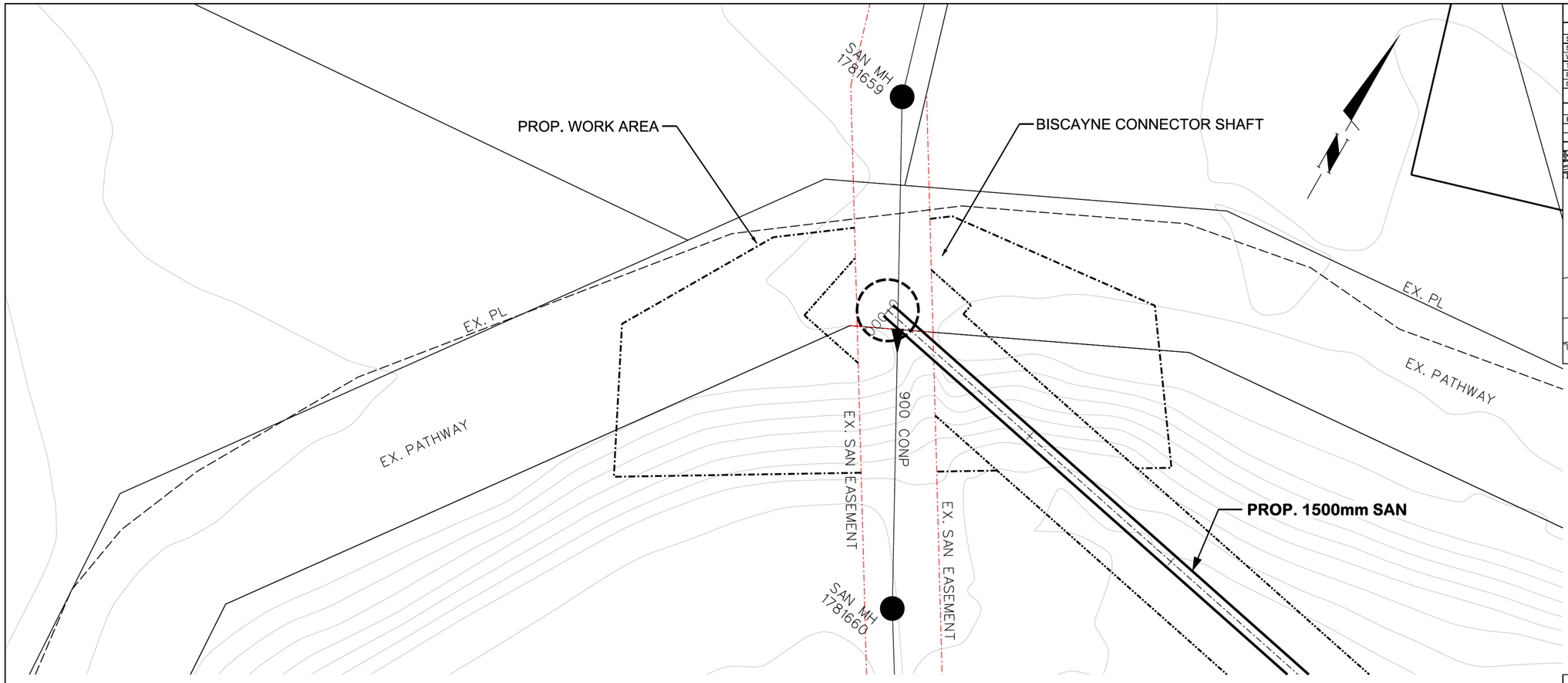
Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

SHAFT 6

SITE LOCATION

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.		
Date	AUG 2022	Sheet	XX of XX	Plan No.	SP-6

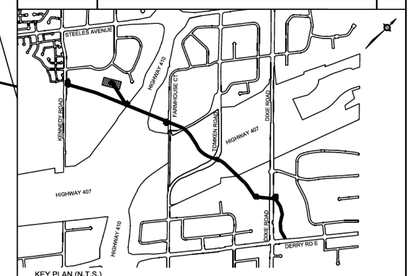


SERVICE DATA

SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS			GAS MAINS		
STORM SEWERS			BELL U/G CABLE		
WATERMAINS			HYDRO U/G CABLE		
TRANSIT			HYDRO ONE		
PARKS & REC.			CTV		
ONT. CLEAN WATER			COMMUNIC. CABLES		

REVISIONS

DATE	DETAILS	INIT.
REV1 DATE	REVISION ISSUE1	D.P.



KEY PLAN (N.T.S.)

General Notes

All Driveways Are ASPHALT Unless Otherwise Noted

All Water And Sanitary Service Locations Are Approximate And Must Be Located Accurately In The Field

All Horizontal And Vertical Bends Are In Degrees

All Pipes Size In mm

20C Existing Water Service, Size In mm

WS25 Proposed Water Service, Size In mm

B.M. No. Elev.
Description
Location

The Contractor Is Responsible For Locating And Protecting All Existing Utilities Prior To And During Construction. Location Of Existing Utilities Approximate Only, To Be Verified In Field By Contractor.

Jacobs

Approved by

NOTICE TO CONTRACTOR

48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING

THE REGIONAL MUNICIPALITY OF PEEL
CITY OF MISSISSAUGA WORKS DEPT.
CITY OF BRAMPTON WORKS DEPT.
TOWN OF CALEDON WORKS DEPT.
BELL CANADA
ENBRIDGE INCORPORATED-GAS DISTRIBUTION
ONTARIO MINISTRY OF TRANSPORTATION
ONTARIO CLEAN WATER AGENCY
HYDRO ONE NETWORKS
ENERSOURCE, HYDRO MISSISSAUGA
HYDRO ONE BRAMPTON

CABLE TELEVISION/FIBREOPTIC PROVIDERS:
BELL CANADA
ENERSOURCE TELECOM
HYDRO ONE TELECOM
ROGERS CABLE
ALLSTREAM
PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FCI BROADBAND)

5m 0 5 10 15m
1:250
HORIZONTAL SCALE

Region of Peel
working with you

ETOBICOKE CREEK TRUNK SEWER

BISCAYNE CONNECTION SHAFT

SITE PLAN

CAD Area	X-XX	Area	X-XX	Project No.	18-2260
Checked by	D.P.	Drawn by	G.H.	Plan No.	SP-B
Date	AUG 2022	Sheet	XX of XX		

Mark-ups@enbridge.com
500 Consumers Road
North York, Ontario M2J 1P8
Canada

EGD File Number: 39765922

Re: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

- By law utility locations must be obtained prior to starting any excavation or ground disturbance activity, such as pile driving, boring, auguring or digging. Contact Ontario One Call at 1-800-400-2255 or www.on1call.com at least 5 business days before beginning work to obtain utility locates.
- Refer to the "Third Party Requirements in the Vicinity of Natural Gas Facilities" for requirements and precautions for working safety in the vicinity of natural gas pipelines. The most recent version of this document is available at: https://enbridgegas.com/~/media/extranet-pages/safety/before-you-dig/Third-Party-Requirements-in-the-Vicinity-of-Natural-Gas-Facilities
- Enbridge's responses are based on the information available and are valid for a period of 6 months from issue.

☑ **VITAL MAIN**

- You are working within 3.0m of a Vital Main Pipeline. In order to accommodate Enbridge vital main standby requirements, our Damage Prevention department must be contacted a minimum of three business days prior to commencing any excavation at 1-866-922-3622 to schedule a site meeting.

☑ **CONFLICT**

- We have an **OBJECTION** to your proposed plant as indicated. Please refer to attached drawings for information on our existing or proposed gas plant our existing and/or proposed gas plant within the road allowance.
- You must submit a revised design for our approval that meets the requirements detailed in the Third-Party Requirements guidelines before proceeding.
- If relocation of our plant is required, please contact:

IMP NPS 42" SC UTP - Jeff Falkiner, Manager Operations & Maintenance Engineering, jeff.falkiner@enbridge.com

VITAL NPS 36" SC XHP - Byron Madrid, Manager Capital Development and Delivery, byron.madrid@enbridge.com

☐ **EASEMENT REQUIRED**

- Enbridge has no objection to this proposed application. Prior to Land Sale/Closure, we require an easement to protect our exising gas infrastructure. Please contact Charlene Parent at (416) 753-6641 or email charlene.parent@enbridge.com

☐ **NO CONFLICT**

- We have **NO OBJECTION** to your proposed plant as indicated. Please refer to the attached drawings for information on our existing and/or proposed gas plant within the road allowance.
- GAS MAINS MUST BE FIELD LOCATED. Before digging, please call ONTARIO ONE CALL at 1-800-400-2255 for free gas locates.

☐ **GENERAL LOCATION**

- The information provided is for GENERAL LOCATION only and is not an approval. Detailed plans must be submitted for our review before an approval will be granted.
- Refer to the attached drawings for information on our existing and/or proposed gas plant within the road allowance.

Atlas Plate Legend

- Proposed
- Construct
- Pending Decomission
- Active, Low Pressure
- Active, Medium Pressure
- Active, Intermediate Pressure
- Active, High Pressure
- Active, High Pressure PE
- Active, Extra High Pressure
- Active, Unodourized Transmission Pressure, IMP;VITAL
- Proposed, IMP; NEB;VITAL
- Construct, IMP;VITAL
- Active, Intermediate Pressure, IMP;NEB
- Active, High Pressure, NEB; VITAL
- Active, Extra High Pressure, IMP;NEB; VITAL
- Pending Decomission, IMP;NEB;VITAL

Abbreviations

Line Presure Descriptors

LP	Low pressure
MP	Medium Pressure
IMP	Integrity Management Program (main)
HP	High pressure
XHP	Extra High Pressure
VITAL	Vital Gas Main
IP	Intermediate Pressure
IMP	Integrity Management Program (All IMP Mains are VITAL)
UTP	Unodorized Transmission Pipeline (All UTP pipelines are VITAL)

Pipe Descriptors

PS	Plastic main
SC	Steel coated main
ST	Steel main
NEB	National Energy Board/Canadian Energy Regulator - All NEB pipelines are VITAL
NPS	Nominal Pipe Size *(Number denotes pipe size in* inches e.g. NPS 8 = Nominal Pipe Size 8 inches)

Topographical Feature Descriptors:

AE	Asphalt edge
BL	Building Line
BP	Bell pole/pedestal
BPED	Bell pedestal
C/L	Centreline of road way/pavement
CB	Catch Basin
CL	Curb line/curb or edge of pavement
DCB	Double catch basin
E/P	Edge of Pavement
E/W SL	East of the west street line
FH	
FL	
HP	
HT	
LP	
LS	
MH	
N/S SL	
POLE L	
POLE(S)	Pole(s)
S/S SL	South of the south street line
SL	Street line or property line
SM	Sewer manhole
SWK	Sidewalk or walk
UW	Under sidewalk
W/E SL	West of the east street line
WVCH	Water valve chamber

Main Reference Descriptors

N/S SL	North of the south street line
S/S SL	South of the south street line
W/E SL	West of the west street line
E/W SL	East of the west street line
N/S CL	North of the south curb line
S/N CL	South of the north curb line
E/W CL	East of the west curb line
W/E CL	West of the east curb line
E/E CL	East of the east curb line
W/W CL	West of the west curb line
N/N CL	North of the north curb line
S/S CL	South of the south curb line
E/P	Edge of pavement
C/L	Centre line of road
W/WBL	West of west building line
W/EBL	West of eats building line
E/EBL	East of east building line
N/NBL	North of north buliding line
N/SBL	North of south buliding line
S/SBL	South of south buliding line
S/NBL	South of north building line

Inside	Measured from centreline of street furniture towards streetline
Outside	Measured from centreline of street furniture towards road



N

ENBRIDGE

Plotted By: Jamie Delaney

Date Plotted: 12/6/2022 11:22:15 AM

Note : Map is not to scale.



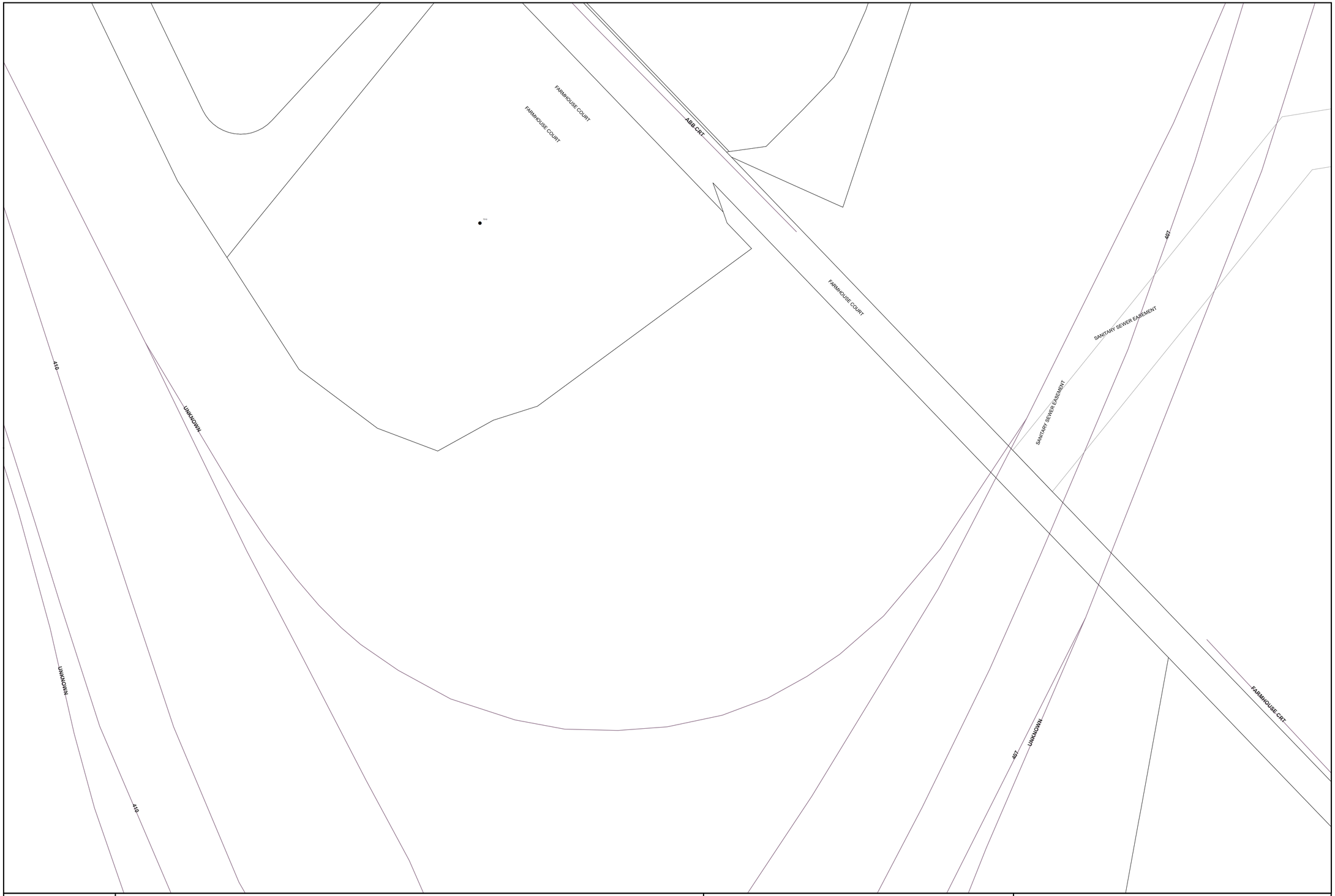
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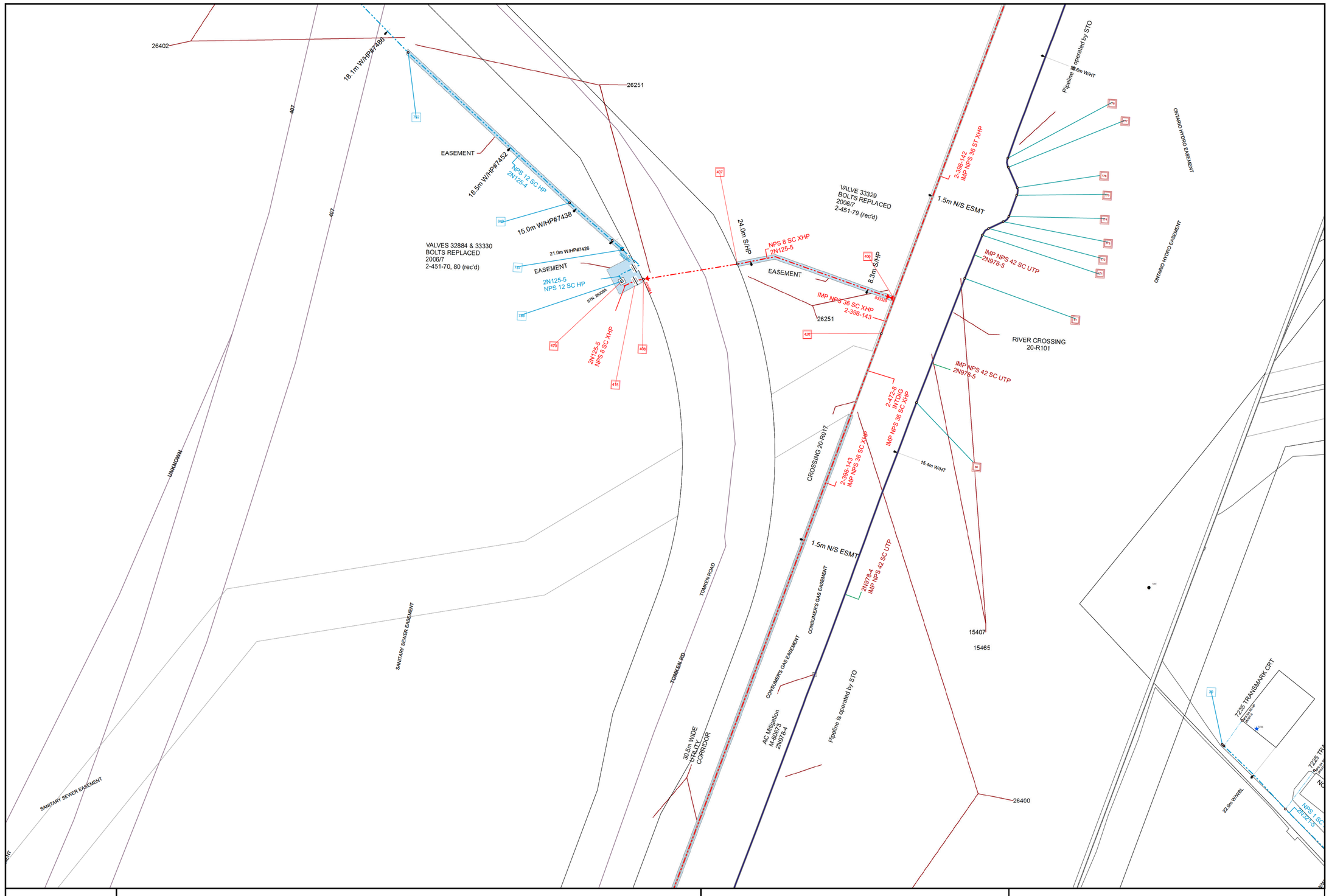
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ENBRIDGE

Plotted By: Jamie Delaney

Date Plotted: 12/6/2022 11:32:08 AM

Note : Map is not to scale.



N

ENBRIDGE

Plotted By: Jamie Delaney

Date Plotted: 12/6/2022 11:33:36 AM

Note : Map is not to scale.

VALVE 33329
BOLTS REPLACED
2006/7
2-451-79 (rec'd)

1.5m N/S ESMT

2-398-142
IMP NPS 36 ST XHP

Pipeline is operated by STO

8.3m W/HT

IMP NPS 36 SC XHP
2-398-143

26251

4290

RIVER CROSSING
20-R101

IMP NPS 42 SC UTP
2N976-5

2-472-8
IN170-G
IMP NPS 36 SC XHP

15.4m W/HT

CROSSING 20-R017

2-398-143
IMP NPS 36 SC XHP

1.5m N/S ESMT

2N978-4
IMP NPS 42 SC UTP

CONSUMERS GAS EASEMENT

15407

15465

Pipeline is operated by STO

26400

ONTARIO HYDRO EASEMENT

ONTARIO HYDRO EASEMENT

SANITARY SEWER EASEMENT

DIXIE RD

DIXIE RD

7235 TRANSMARK CRT

7225 TRANSMARK CRT

NODED HEADER

29.9m W/WBL

NPS 1 SC HP
2N2571-5

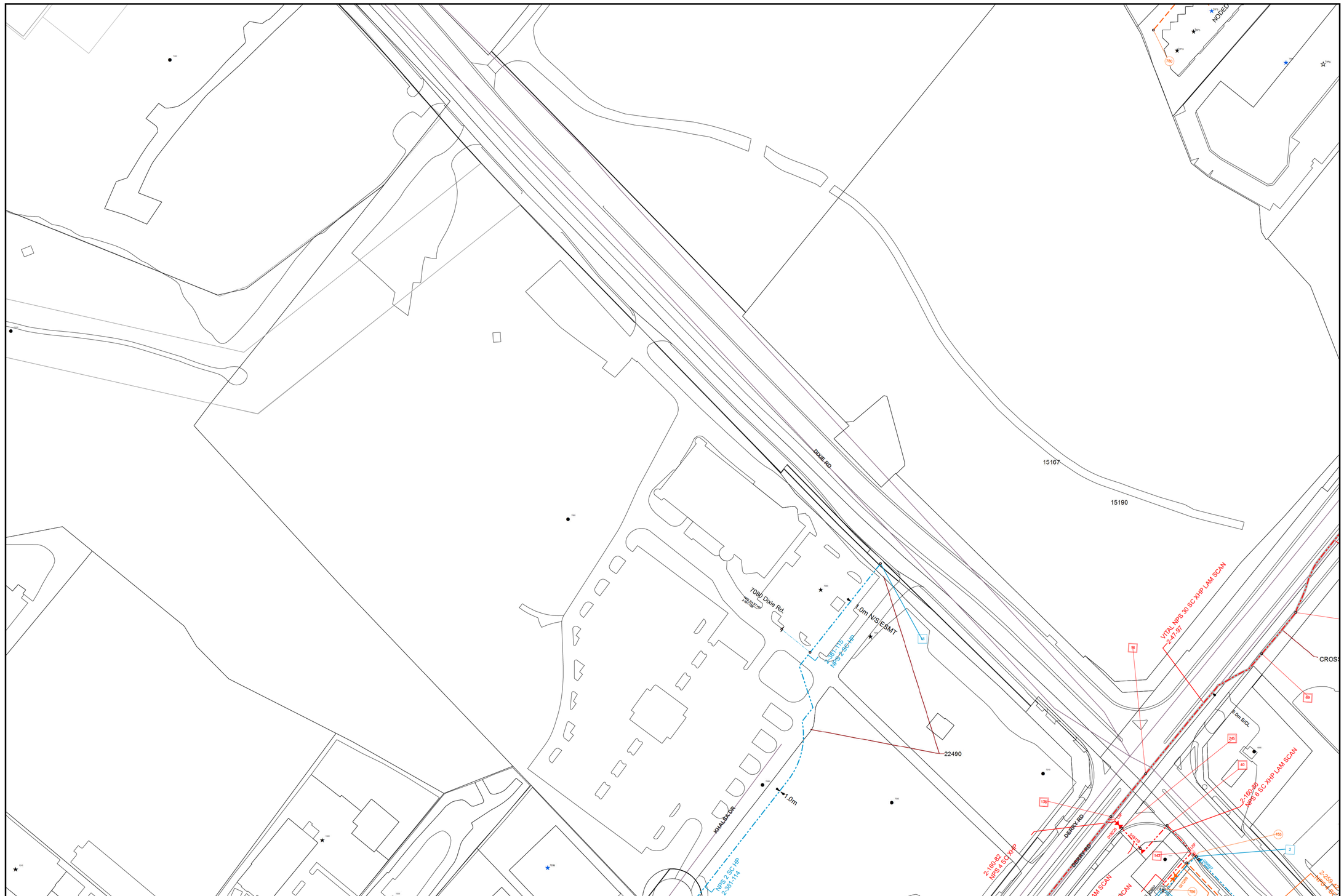
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ENBRIDGE

Plotted By: Jamie Delaney

Date Plotted: 12/6/2022 11:34:55 AM

Note : Map is not to scale.

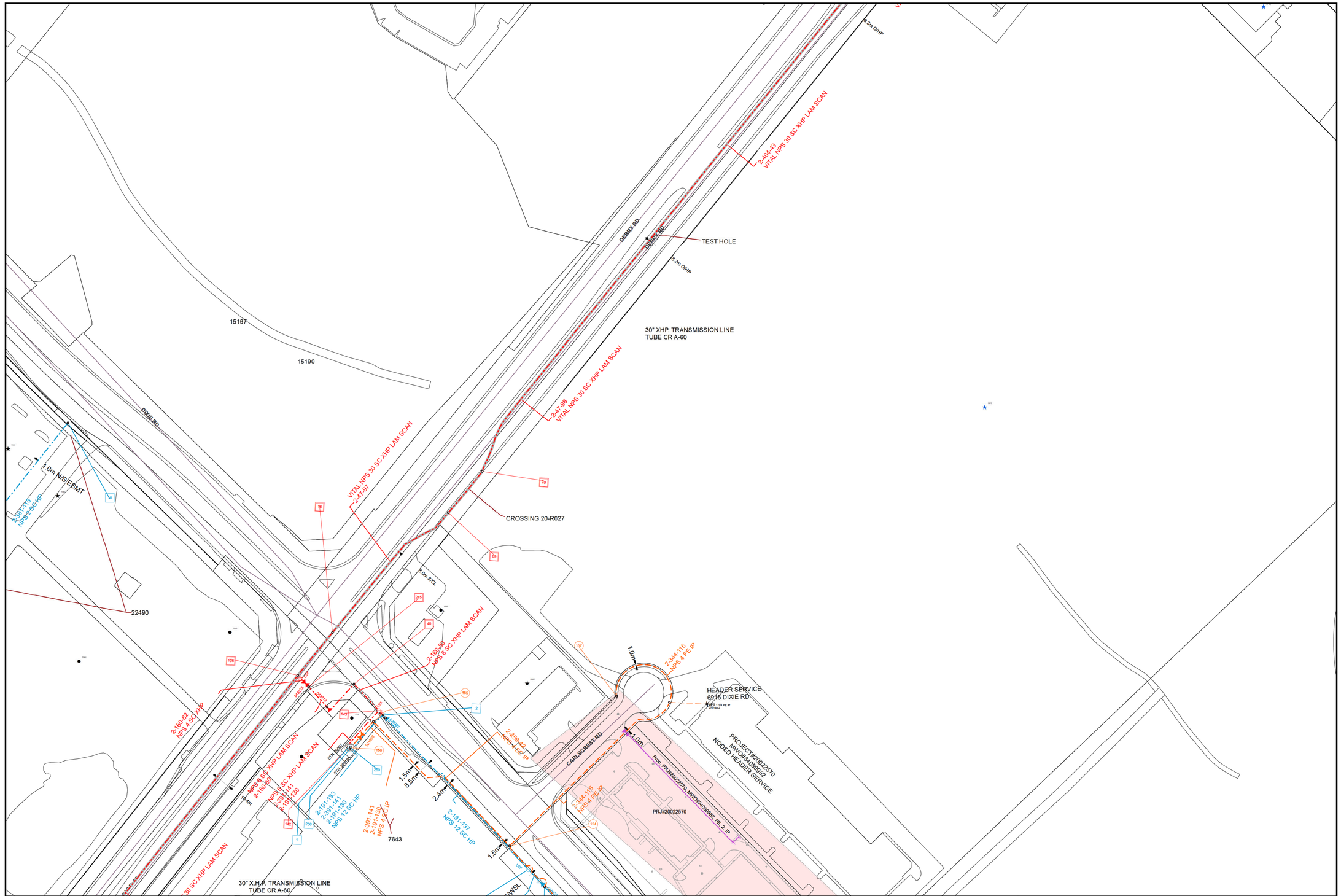


ENBRIDGE

Plotted By: Jamie Delaney

Date Plotted: 12/6/2022 11:36:03 AM

Note : Map is not to scale.



N

ENBRIDGE

Plotted By: Jamie Delaney

Date Plotted: 12/6/2022 11:37:04 AM

Note : Map is not to scale.

Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:26 PM
To: MOC (Bell)
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

We have completed Phase 1-3 of the Municipal Class EA process and have prepared the **draft Environmental Study Report (ESR)**. The draft ESR summarizes the activities undertaken to date through Phases 1-3. The intent of this email is to provide you with the Draft Environmental Study Report for review, and to seek your input and comments.

Please kindly submit comments on the Draft ESR by **Monday January 9, 2023** to italia.ponce@peelregion.ca. To assist the project team in maintaining the project schedule please advise in advance if you are unable to provide comments by this date.
The Draft ESR will be available at the following website:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

We look forward to hearing form you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9

Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:27 PM
To: chris.kafel
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
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We look forward to hearing form you.

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Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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Thanks,

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Office: 905-791-7800 ext.4583
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Newton, Dorin

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, December 5, 2022 4:58 PM
To: Tanya Hill-Montour
Cc: Newton, Dorin; Mahood, Tom
Subject: [EXTERNAL] ECTS Report for review

Hi Tanya,

We were asked to share this report with you as you were engaged by Peel Region on the Etobicoke Creek Trunk Sewer project. Please see the attached Stage 1-2 report for your review. If possible, we would like to receive your review by January 12, 2023. It looks like previous emails were directed to Chief Mark Hill.

The Indigenous Engagement Sup Doc is still a living document as might change depending on the feedback we receive from yourself and the other Nations.

I have attached it here via a SharePoint link as the report is around 17 MB.

20EA212_ECTS_ReportDraft_2022-Nov-30

Cheers,

Blake Williams (He/him), **MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division

ASI • Providing Archaeological & Cultural Heritage Services
BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Newton, Dorin

From: Newton, Dorin
Sent: Wednesday, December 7, 2022 9:32 AM
To: Tanya Hill-Montour; markhill@sixnations.ca
Cc: Ponce Vanelli, Italia
Subject: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Morning,

The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

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The Draft ESR will be available at the following website:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

A separate email will be sent by ASI providing you with a copy of the Archeological Assessment report for review. Copies can also be found also in Appendix C under Technical Report.

We look forward to hearing from you.

Thanks,

Dorin Newton

On behalf of

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Newton, Dorin

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Wednesday, January 11, 2023 11:23 AM
To: Tanya Hill-Montour
Cc: Newton, Dorin; Mahood, Tom
Subject: [EXTERNAL] RE: ECTS Report for review

Hi Tanya,

I am just touching base about this project. Are we on track to receive your feedback on this report by the end of the week?

Cheers,

Blake Williams (He/him), **MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division

ASI • Providing Archaeological & Cultural Heritage Services
BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

---

From: Blake Williams
Sent: December 5, 2022 4:58 PM
To: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: ECTS Report for review

Hi Tanya,

We were asked to share this report with you as you were engaged by Peel Region on the Etobicoke Creek Trunk Sewer project. Please see the attached Stage 1-2 report for your review. If possible, we would like to receive your review by January 12, 2023. It looks like previous emails were directed to Chief Mark Hill.

The Indigenous Engagement Sup Doc is still a living document as might change depending on the feedback we receive from yourself and the other Nations.

I have attached it here via a SharePoint link as the report is around 17 MB.

20EA212_ECTS_ReportDraft_2022-Nov-30

Cheers,

Blake Williams (He/him), **MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division

ASI • Providing Archaeological & Cultural Heritage Services
BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Newton, Dorin

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Thursday, January 12, 2023 5:32 PM
To: Tanya Hill-Montour
Cc: Newton, Dorin; Mahood, Tom
Subject: [EXTERNAL] RE: ECTS Report for review

Hi Tanya,

Great, thank you for your review and feedback!

Cheers,

Blake Williams (He/him)**, MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division

ASI • Providing Archaeological & Cultural Heritage Services
BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

---

From: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Sent: January 12, 2023 12:03 PM
To: Blake Williams <bwilliams@asiheritage.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: Re: ECTS Report for review [V]

Hi Blake,

Happy New year ! I have reviewed the ECTS report with no concerns or comments from SNGRAD at this time.

Kind Regards,

Tanya-Hill Montour B.A Hons.
Six Nations of the Grand River - Archaeology Supervisor.
c.226.388.0665
e. tanyahill-montour@sixnations.ca

> On Jan 11, 2023, at 11:23 AM, Blake Williams <bwilliams@asiheritage.ca> wrote:
>
> Hi Tanya,
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> I am just touching base about this project. Are we on track to receive your feedback on this report by the end of the week?

Cheers,

Blake Williams (He/him), **MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division

ASI • Providing Archaeological & Cultural Heritage Services
BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

---

From: Blake Williams
Sent: December 5, 2022 4:58 PM
To: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: ECTS Report for review

Hi Tanya,

We were asked to share this report with you as you were engaged by Peel Region on the Etobicoke Creek Trunk Sewer project. Please see the attached Stage 1-2 report for your review. If possible, we would like to receive your review by January 12, 2023. It looks like previous emails were directed to Chief Mark Hill.

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20EA212_ECTS_ReportDraft_2022-Nov-30

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Newton, Dorin

From: Tanya Hill-Montour <tanyahill-montour@sixnations.ca>
Sent: Thursday, January 12, 2023 12:03 PM
To: Blake Williams
Cc: Newton, Dorin; Mahood, Tom
Subject: [EXTERNAL] Re: ECTS Report for review

Hi Blake,

Happy New year ! I have reviewed the ECTS report with no concerns or comments from SNGRAD at this time.

Kind Regards,

Tanya-Hill Montour B.A Hons.
Six Nations of the Grand River - Archaeology Supervisor.
c.226.388.0665
e. tanyahill-montour@sixnations.ca

> On Jan 11, 2023, at 11:23 AM, Blake Williams <bwilliams@asiheritage.ca> wrote:
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Newton, Dorin

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Thursday, December 1, 2022 2:32 PM
To: Adam LaForme
Cc: Newton, Dorin; Mahood, Tom; Park, Daniel
Subject: [EXTERNAL] Report review for ECTS Stage 1-2

Hi Adam,

Please see the attached Stage 1-2 report of the Etobicoke Creek Trunk Sewer project for your review. If possible, we would like to receive your review by January 12, 2023.

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528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:38 PM
To: Stacey.LaForme@mncfn.ca; Mark.Laforme@mncfn.ca; megan.devries@mncfn.ca; darin.wybenga@mncfn.ca; fawn.sault@mncfn.ca; Adrian.Blake@mncfn.ca
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

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We look forward to hearing from you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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recipient or have received this e-mail in error, please notify the sender via return email and permanently delete all copies of the email. Thank you.

Newton, Dorin

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Thursday, December 1, 2022 2:32 PM
To: Thiefaine Terrier
Cc: Newton, Dorin; Mahood, Tom; Park, Daniel
Subject: [EXTERNAL] Report review for ECTS Stage 1-2

Hi Thiéfaine,

Please see the attached Stage 1-2 report of the Etobicoke Creek Trunk Sewer project for your review. If possible, we would like to receive your review by January 12, 2023.

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528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:39 PM
To: Marie-Sophie.Gendron@wendake.ca; Isabelle.Lechasseur@wendake.ca; Jean-Francois.Richard@wendake.ca
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

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We look forward to hearing from you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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recipient or have received this e-mail in error, please notify the sender via return email and permanently delete all copies of the email. Thank you.

From: Raphaelle Gaudreau-Couture <Raphaelle.Gaudreau-Couture@wendake.ca>
Sent: Thursday, January 19, 2023 9:45 AM
To: bwilliams@asiheritage.ca
Cc: Mahood, Tom <Tom.Mahood@jacobs.com>; Park, Daniel <Daniel.Park@jacobs.com>; Louis Lesage <Louis.Lesage@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Thiefaine Terrier <Thiefaine.Terrier@wendake.ca>; Alexandra Daigle <Alexandra.Daigle@wendake.ca>
Subject: [EXTERNAL] RE: Report review for ECTS Stage 1-2

Good morning William,

Our team reviewed the report of the Stage 1-2 AA Etobicoke Creek Trunk Sewer Improvements and Upgrades . Everything is fine for us, we don't have any comments.

Tiawenhk inenh chia' entïio'!

Raphaëlle Gaudreau-Couture

Assistante de recherche

De : Blake Williams <bwilliams@asiheritage.ca>
Envoyé : 1 décembre 2022 14:32
À : Thiefaine Terrier <Thiefaine.Terrier@wendake.ca>
Cc : Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>; Park, Daniel <Daniel.Park@jacobs.com>
Objet : Report review for ECTS Stage 1-2

Hi Thiéfaine,

Please see the attached Stage 1-2 report of the Etobicoke Creek Trunk Sewer project for your review. If possible, we would like to receive your review by January 12, 2023.

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Lead Archaeologist | Project Manager • Environmental Assessment Division

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Newton, Dorin

From: Marie-Annick Prevost <Marie-Annick.Prevost@mncfn.ca>
Sent: Friday, December 2, 2022 3:51 PM
To: Blake Williams
Cc: Newton, Dorin; Mahood, Tom; Park, Daniel; Adam LaForme
Subject: [EXTERNAL] RE: Report review for ECTS Stage 1-2

Aanii Blake,

On behalf of the Mississaugas of the Credit First Nation, Department of Consultation and Accommodation, I reviewed the Stage 1-2 Archaeological Assessment report prepared by ASI for the Etobicoke Creek Trunk Sewer project.

I currently do not have questions or comments about the archaeological work conducted or the content of the report.

We look forward to collaborating with you on future projects.

Miigwech,

Marie-Annick Prevost, Ph.D. (she/her)
Field archaeologist
Mississaugas of the Credit First Nation (MCFN)
Department of Consultation and Accommodation (DOCA)
4065 Highway 6 North, Hagersville, ON N0A 1H0
Cell: 905-870-5844

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Thursday, December 1, 2022 2:32 PM
To: Adam LaForme <Adam.LaForme@mncfn.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>; Park, Daniel <Daniel.Park@jacobs.com>
Subject: Report review for ECTS Stage 1-2

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Newton, Dorin

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, December 5, 2022 10:57 AM
To: Marie-Annick Prevost
Cc: Newton, Dorin; Mahood, Tom; Park, Daniel; Adam LaForme
Subject: [EXTERNAL] RE: Report review for ECTS Stage 1-2

Hi Marie-Annick,

Great, glad to hear there are no issues! Thanks for your review!

Cheers,

Blake Williams (He/him)**, MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division

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528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

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From: Marie-Annick Prevost <Marie-Annick.Prevost@mncfn.ca>
Sent: December 2, 2022 3:51 PM
To: Blake Williams <bwilliams@asiheritage.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>; Park, Daniel <Daniel.Park@jacobs.com>; Adam LaForme <Adam.LaForme@mncfn.ca>
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Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:43 PM
To: hdi2@bellnet.ca; 'williams.todde@gmail.com'
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
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Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 3:11 PM
To: hdi2@bellnet.ca; toddwilliams@hdi.land; sharannmartin@hdi.land
Cc: Newton, Dorin
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Newton, Dorin

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, December 5, 2022 5:00 PM
To: owengreene@hdi.land; Sharann Martin
Cc: toddwilliams@hdi.land; Newton, Dorin; Mahood, Tom
Subject: [EXTERNAL] ECTS Report for review

Hi Owen and Sharann,

We were asked to share this report with you as you were engaged by Peel Region on the Etobicoke Creek Trunk Sewer project. Please see the attached Stage 1-2 report of the Etobicoke Creek Trunk Sewer project for your review. If possible, we would like to receive your review by January 12, 2023.

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Newton, Dorin

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Friday, January 13, 2023 10:01 AM
To: owengreene@hdi.land; Sharann Martin
Cc: toddwilliams@hdi.land; Newton, Dorin; Mahood, Tom
Subject: [EXTERNAL] RE: ECTS Report for review

Hi Owen and Sharann,

I am just touching base about this project. Our client is keen to submit the report to the Ministry. Please provide for your feedback, if possible, by the end of day Monday 16th of January.

Thanks and have a great weekend.

Blake Williams (He/him)**, MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division

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From: Blake Williams
Sent: January 11, 2023 11:23 AM
To: owengreene@hdi.land; Sharann Martin <sharannmartin@hdi.land>
Cc: toddwilliams@hdi.land; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
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From: Blake Williams
Sent: December 5, 2022 5:00 PM

To: owengreene@hdi.land; Sharann Martin <sharannmartin@hdi.land>
Cc: toddwilliams@hdi.land; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
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528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

From: Short, Sam (MNRF) <Sam.Short@ontario.ca>
Sent: January 16, 2023 4:28 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hello Italia,

Thank you for the additional time to comment on this project. MNRF has reviewed the draft ESR for the Etobicoke Creek Trunk Sewer Improvements and Upgrades project and provides the following comments:

Public Lands Act (PLA)

- MNRF has reviewed the Etobicoke Creek Trunk Sewer Improvements and Upgrades ESR for impacts to Crown Lands under the Public Lands Act and has determined no Crown lands administered by MNRF are present, therefore no occupational authority is required from MNRF.

Lakes and Rivers Improvement Act (LRIA)

- MNRF has reviewed the Etobicoke Creek Trunk Sewer Improvements and Upgrades ESR for permitting requirements under the Lakes and Rivers Improvement Act.
- It is understood that Segments 1 – 3 will be installed through micro tunnelling with no impact to surface water flow. Therefore, no authorization under the LRIA would be required.
- It is understood that the open-cut section (Segment 4) will require dewatering of Etobicoke Creek Tributaries. LRIA approval is not required to undertake any of the following work within the area of a conservation authority, provided the area of the conservation authority is subject to a regulation made under the authority of Section 28 of the Conservation Authorities Act (Ontario Regulation 454/96):
    - Construct a water crossing
    - Channelize a river or stream
    - Enclose or cover a length of river
    - Installation of pipelines/cables
    - Installation of a temporary dam for the purpose of removing water or water flow from an area during construction of any of the above described works
- Applicants should seek advice from the local conservation authority if they are unsure whether work is subject to regulation under the Conservation Authorities

Newton, Dorin

From: Mahood, Tom
Sent: Friday, November 18, 2022 2:17 PM
To: Suzanne Bevan
Cc: Ponce Vanelli, Italia; Newton, Dorin; Moffatt, Kylee
Subject: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project
Attachments: November2022_ESR_R1.pdf

Hi Suzanne

Please find attached the draft ESR for TRCA review. Please note that this is the main body of the draft report. If, during your review, you require any of the appendixes to support your review we can forward whichever appendix you require. The appendixes are a rather large file of documents so we are not able to forward in this email.

If you have any questions please do not hesitate to call me.

Thanks,
Tom

Tom Mahood, P.Eng. | Jacobs |
O: 1.519.579.3500 x 73241 | M: 1.519.830.1404 | tom.mahood@jacobs.com
72 Victoria Street South, Suite 300 | Kitchener, ON N2G 4Y9 | Canada

Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Friday, November 18, 2022 3:37 PM
To: suzanne.bevan@trca.ca; Mahood, Tom; Newton, Dorin
Cc: Moffatt, Kylee
Subject: [EXTERNAL] RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

Hi Suzanne

The team will be providing a link to access the appendices.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: November 18, 2022 3:29 PM
To: Mahood, Tom <Tom.Mahood@jacobs.com>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Newton, Dorin <Dorin.Newton@jacobs.com>; Moffatt, Kylee <kylee.moffatt@jacobs.com>
Subject: RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

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Hi Tom,

Thank you for the ESR.

Further to TRCA's previous comments and the project team responses, please provide the appendices relevant to TRCA review.

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

T: (437) 880-2436
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca

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To: Mahood, Tom
Cc: Ponce Vanelli, Italia; Newton, Dorin; Moffatt, Kylee
Subject: [EXTERNAL] RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

Hi Tom,

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Further to TRCA's previous comments and the project team responses, please provide the appendices relevant to TRCA review.

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
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Newton, Dorin

From: Mahood, Tom
Sent: Monday, November 21, 2022 8:53 AM
To: Suzanne Bevan
Cc: Ponce Vanelli, Italia; Newton, Dorin; Moffatt, Kylee
Subject: RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

Good Morning Suzanne

We will send a link so that you can download the appendixes that you and your team would like to review along with the ESR.

Tom

Tom Mahood, P.Eng. | Jacobs |
O: 1.519.579.3500 x 73241 | M: 1.519.830.1404 | tom.mahood@jacobs.com
72 Victoria Street South, Suite 300 | Kitchener, ON N2G 4Y9 | Canada

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Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Newton, Dorin <Dorin.Newton@jacobs.com>; Moffatt, Kylee <kylee.moffatt@jacobs.com>
Subject: [EXTERNAL] RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

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Thank you for the ESR.

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Thank you,
Suzanne

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Senior Manager
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Subject: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

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To: Ponce Vanelli, Italia; Mahood, Tom; Newton, Dorin
Cc: Moffatt, Kylee
Subject: [EXTERNAL] RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

Thanks all.

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Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
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Cc: Moffatt, Kylee <kylee.moffatt@jacobs.com>
Subject: RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

Hi Suzanne

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Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
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Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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Subject: RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

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Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

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Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Wednesday, November 23, 2022 10:23 AM
To: suzanne.bevan@trca.ca
Cc: Moffatt, Kylee; Mahood, Tom; Newton, Dorin
Subject: [EXTERNAL] Re: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

Thanks Suzanne. We understand that you might not be able to review the entire document however we appreciate you meeting with us. At the meeting we can walk you through some of the highlight of Phase 3 of the EA process and discuss the work that has been completed on the preliminary design, commitments and recommendations that have been included in the ESR as well as address any questions that you may on the material that has been reviewed.
Thanks,

Italia Ponce, P. Eng.
Project Manager
Region of Peel - Water & Wastewater Division
Public Works
905-791-7800 ext 4583

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Tuesday, November 22, 2022 2:28:43 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Mahood, Tom <Tom.Mahood@jacobs.com>; Newton, Dorin <Dorin.Newton@jacobs.com>
Cc: Moffatt, Kylee <kylee.moffatt@jacobs.com>
Subject: RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

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Thanks all.

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Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

T: (437) 880-2436

C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: November 18, 2022 3:37 PM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>; Mahood, Tom <Tom.Mahood@jacobs.com>; Newton, Dorin <Dorin.Newton@jacobs.com>
Cc: Moffatt, Kylee <kylee.moffatt@jacobs.com>
Subject: RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

Hi Suzanne

The team will be providing a link to access the appendices.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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Subject: RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

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Hi Tom,

Thank you for the ESR.

Further to TRCA's previous comments and the project team responses, please provide the appendices relevant to TRCA review.

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

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Newton, Dorin

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Wednesday, December 7, 2022 2:13 PM
To: Ponce Vanelli, Italia
Cc: Newton, Dorin; Mahood, Tom
Subject: [EXTERNAL] RE: Draft ESR - TRCA preliminary comments

Hi Italia, Dorin and Tom,

Staff would like to note the considerable consultation with TRCA through this the EA process. The effort to address our comments and refine the alignment are evident and very much appreciated.

We will provide comments shortly.

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

T: (437) 880-2436
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca

-----Original Appointment-----
From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: November 7, 2022 4:23 PM
To: Ponce Vanelli, Italia; Suzanne Bevan; Mahood, Tom/KWO; Newton, Dorin/TOR
Cc: Lobo, Sarah; Park, Daniel
Subject: Draft ESR - TRCA preliminary comments
When: December 7, 2022 1:00 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Microsoft Teams Meeting

In the next coming week, we will be forwarding a copy of the draft ESR for your review. As I mentioned, many of the detailed investigations are being undertaken in the next coming weeks and wording related to the results will be referenced in the draft ESR document. I have set up this meeting to discuss your preliminary comments and address any questions that you may have while reviewing the document.

If you have any questions, please feel free to contact me directly.
Please feel free to forward this meeting to the appropriate staff.

Microsoft Teams meeting

Join on your computer, mobile app or room device
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Meeting ID: 220 911 224 508
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Phone Conference ID: 593 008 125#
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Newton, Dorin

From: Mahood, Tom
Sent: Monday, December 19, 2022 2:25 PM
To: Suzanne Bevan; Ponce Vanelli, Italia
Cc: Moffatt, Kylee; Newton, Dorin; Victoria Kramkowski; Adam Miller
Subject: Re: TRCA Comments - Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project (CFN 61367)

Hi Suzanne
Thank you for getting back to us so quickly with the TRCA comments. Your reviews and comments really help us to improve our reports and are much appreciated.

Thank you as well for your holiday best wishes. Best wishes for a safe and happy holiday to you and your team from us too.

Tom

Get Outlook for iOS

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Monday, December 19, 2022 11:36:55 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Moffatt, Kylee <kylee.moffatt@jacobs.com>; Mahood, Tom <Tom.Mahood@jacobs.com>; Newton, Dorin <Dorin.Newton@jacobs.com>; Victoria Kramkowski <Victoria.Kramkowski@trca.ca>; Adam Miller <Adam.Miller@trca.ca>
Subject: [EXTERNAL] TRCA Comments - Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project (CFN 61367)

Good Morning Italia,

Please find attached TRCA comments on the draft ESR. Please note 3 new comments at the end of the table.

I hope everyone has a safe and happy holiday. All the best to you all in 2023.

Take care,
Suzie

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

T: (437) 880-2436
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E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: November 23, 2022 10:23 AM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Moffatt, Kylee <kylee.moffatt@jacobs.com>; Mahood, Tom <Tom.Mahood@jacobs.com>; Newton, Dorin <Dorin.Newton@jacobs.com>
Subject: Re: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

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Cc: Moffatt, Kylee <kylee.moffatt@jacobs.com>
Subject: RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

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Subject: RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

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From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: November 18, 2022 3:29 PM
To: Mahood, Tom <Tom.Mahood@jacobs.com>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Newton, Dorin <Dorin.Newton@jacobs.com>; Moffatt, Kylee <kylee.moffatt@jacobs.com>
Subject: RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

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Hi Tom,

Thank you for the ESR.

Further to TRCA's previous comments and the project team responses, please provide the appendices relevant to TRCA review.

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

T: (437) 880-2436
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca

From: Mahood, Tom <Tom.Mahood@jacobs.com>
Sent: November 18, 2022 2:17 PM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Newton, Dorin <Dorin.Newton@jacobs.com>; Moffatt, Kylee <kylee.moffatt@jacobs.com>
Subject: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

Hi Suzanne

Please find attached the draft ESR for TRCA review. Please note that this is the main body of the draft report. If, during your review, you require any of the appendixes to support your review we can forward whichever appendix you require. The appendixes are a rather large file of documents so we are not able to forward in this email.

If you have any questions please do not hesitate to call me.

Thanks,
Tom

Tom Mahood, P.Eng. | Jacobs |
O: 1.519.579.3500 x 73241 | M: 1.519.830.1404 | tom.mahood@jacobs.com
72 Victoria Street South, Suite 300 | Kitchener, ON N2G 4Y9 | Canada

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Newton, Dorin

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Monday, December 19, 2022 11:37 AM
To: Ponce Vanelli, Italia
Cc: Moffatt, Kylee; Mahood, Tom; Newton, Dorin; Victoria Kramkowski; Adam Miller
Subject: [EXTERNAL] TRCA Comments - Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project (CFN 61367)
Attachments: CFN 61367 - Response to Submission 5 Draft ESR Etobicoke Creek Trunk Sewer Improvements and Upgrade.pdf; CFN 61367 - Table Only Response to Submission 5 Draft ESR Etobicoke Creek Trunk Sewer Improvements and Upgrade.docx

Good Morning Italia,

Please find attached TRCA comments on the draft ESR. Please note 3 new comments at the end of the table.

I hope everyone has a safe and happy holiday. All the best to you all in 2023.

Take care,
Suzie

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

T: (437) 880-2436
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: November 23, 2022 10:23 AM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Moffatt, Kylee <kylee.moffatt@jacobs.com>; Mahood, Tom <Tom.Mahood@jacobs.com>; Newton, Dorin <Dorin.Newton@jacobs.com>
Subject: Re: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

Thanks Suzanne. We understand that you might not be able to review the entire document however we appreciate you meeting with us. At the meeting we can walk you through some of the highlight of Phase 3 of the EA process and discuss the work that has been completed on the preliminary design, commitments and recommendations that have been included in the ESR as well as address any questions that you may on the material that has been reviewed.
Thanks,

Italia Ponce, P. Eng.
Project Manager
Region of Peel - Water & Wastewater Division
Public Works

905-791-7800 ext 4583

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Tuesday, November 22, 2022 2:28:43 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Mahood, Tom <Tom.Mahood@jacobs.com>; Newton, Dorin <Dorin.Newton@jacobs.com>
Cc: Moffatt, Kylee <kylee.moffatt@jacobs.com>
Subject: RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

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Thanks all.

Downloaded and circulated with an expedited review date to correspond with our upcoming meeting. Please note that I can not guarantee all staff will have time to review/provide comments by that date but they will have the information to inform the meeting.

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

T: (437) 880-2436
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: November 18, 2022 3:37 PM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>; Mahood, Tom <Tom.Mahood@jacobs.com>; Newton, Dorin <Dorin.Newton@jacobs.com>
Cc: Moffatt, Kylee <kylee.moffatt@jacobs.com>
Subject: RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

Hi Suzanne

The team will be providing a link to access the appendices.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor

Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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Region of Peel
working with you

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From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: November 18, 2022 3:29 PM
To: Mahood, Tom <Tom.Mahood@jacobs.com>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Newton, Dorin <Dorin.Newton@jacobs.com>; Moffatt, Kylee <kylee.moffatt@jacobs.com>
Subject: RE: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

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Hi Tom,

Thank you for the ESR.

Further to TRCA's previous comments and the project team responses, please provide the appendices relevant to TRCA review.

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

T: (437) 880-2436
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From: Mahood, Tom <Tom.Mahood@jacobs.com>
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To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Newton, Dorin <Dorin.Newton@jacobs.com>; Moffatt, Kylee <kylee.moffatt@jacobs.com>
Subject: Draft Environmental Study Report for Etobicoke Creek Trunk Sewer Improvements and Upgrades Project

Hi Suzanne

Please find attached the draft ESR for TRCA review. Please note that this is the main body of the draft report. If, during your review, you require any of the appendixes to support your review we can forward whichever appendix you require. The appendixes are a rather large file of documents so we are not able to forward in this email.

If you have any questions please do not hesitate to call me.

Thanks,
Tom

Tom Mahood, P.Eng. | Jacobs |
O: 1.519.579.3500 x 73241 | M: 1.519.830.1404 | tom.mahood@jacobs.com
72 Victoria Street South, Suite 300 | Kitchener, ON N2G 4Y9 | Canada

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December 19, 2022 CFN 61367

BY E-MAIL ONLY (italia.ponce@peelregion.ca)

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9

Dear Ms. Ponce:

Re: Etobicoke Creek Trunk Sewer Improvements and Upgrades (south of Steeles Road, east of Kennedy, north of Derry Road, west of Dixie)
Class Environmental Assessment – Schedule C
Submission 5, Draft Environmental Study Report
Etobicoke Creek Watershed; City of Brampton; Regional Municipality of Peel

Toronto and Region Conservation Authority (TRCA) staff received the draft Environmental Study Report (ESR) for review in support of the Etobicoke Creek Trunk Sewer Improvements and Upgrades Environmental Assessment on November 22, 2022.

PROJECT OVERVIEW

Staff understand that this Environmental Assessment (EA) involves development of alternative solutions for addressing future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer from Kennedy Road to south of Highway 407 in the City of Brampton. The study area is generally bounded by Kennedy Road to the west, Dixie Road to the east, Steeles Avenue to the north, and Derry Road to the south. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent.

PROJECT REVIEW

Staff understands that the Region's preferred alignment is the Deep Trunk alignment from Kennedy Road (south of Steeles Avenue) east to the intersection of Dixie and Derry Roads, 3678 m in length (approximately 600m of pipe installed along banks of Etobicoke Creek) with a varying depth from approximately 25 m to 2 m by both tunneling and open cut construction methodologies. Through consultation with the Region, staff noted the ongoing concern with aging infrastructure within valley systems. TRCA staff note the efforts made by the project team through the EA process to adjustment the alignment to avoid sensitive areas where possible. Further to comments made during our meeting on December 7, 2022 and review of the draft ESR, staff provide comments in Appendix A.

Should you have any questions, please contact me at extension 437-880-2436 or at suzanne.bevan@trca.ca.

Yours truly,



Suzanne Bevan
Senior Planner, Infrastructure Planning and Permits
Development and Engineering Services

Attached: Appendix A: TRCA Comments and Proponent Responses

BY E-MAIL

cc: Consultant: Dorin Newton (dorin.newton@jacobs.com)
TRCA: Adam Miller, Associate Director, Development Planning and Permits
Victoria Kramkowski, Government and Community Relations Specialist

APPENDIX A - Comment and Response Table

Item	TRCA Comments (February 5, 2021)	Proponent Comments (February 24, 2021)	TRCA Comments (July 5, 2022)	Proponent Comments (September 9, and November 22, 2022)	TRCA Comments (December 13, 2022)
1.	Please confirm if the Kennedy alignment does or does not address the problem statement. Staff request further details identifying the technical constraints and limitations of alignment along Kennedy Road be provided. This will be required to support further the next phases of EA review and to support any future reports in support of permit approval through TRCA's Executive Committee.	The Kennedy Road alignment evaluated in Phase 2 runs from the existing sewers south to connect to the Region's new East to West Diversion Sanitary Trunk Sewer (EWD STS), currently in construction. As noted in the detailed evaluation table that was provided to TRCA on December 16, 2020, this alignment did not completely address the Problem Statement due to the following key technical constraints and limitations: • The new trunk sewer has been sized to accommodate planned and projected flows in the connecting drainage area and address current flow limitations in the existing sewers. Hydraulic modelling indicates that due to the shallow slope in the existing sewers downstream of the current Biscayne connection, the majority of new flow to be collected in the drainage areas serviced by the Etobicoke Creek Trunk Sewer system would need to be routed through the new sewer to prevent surcharging downstream of the Biscayne connection. As a result, a flow of almost 4 m^3/s would be discharged to the East to West Diversion Sanitary	**Noted**	**No Further Comment**	

		Trunk Sewer (EWD STS) and routed into the Region's West Trunk System. The purpose of the Diversion Sewer is to build flexibility into the Region's sewer collection system so that flows can be diverted from the East Trunk System to the West Trunk System. This will allow for operation and maintenance of the various components of the sewer system without impacting service to the Region's customers. Connecting the Kennedy Road alignment to the Diversion Sewer would permanently consume almost half of the Diversion Sewer capacity, significantly reducing the Region's ability to divert flows from elsewhere in the system. • The existing Etobicoke Creek Trunk Sewers currently accept flow from a number of sub-trunks, including Biscayne (as noted above), Westcreek, West to East Diversion and local sewer connections. It is not technically feasible to extend these connections, in all cases, to the Kennedy Road alignment, thereby further decreasing operational flexibility of the solution for flow balancing between the three sewers. • It is also noted that while the Kennedy Road Alternative has been identified for trenchless construction to minimize impact on the natural and socio-economic environment, tunneling shafts and construction compounds will			

		be required along the routing, resulting in traffic disruption along a significant thoroughfare through the Region. • As a result of these technical constraints and limitations, the Kennedy Road alignment does not provide a complete solution to the Problem Statement when compared to the recommended preferred solution of a Deep Trunk sewer installed along the alignment of the existing sewers.			
2.	It is TRCA policy that infrastructure avoid locating within the Natural System and that linear infrastructure cross perpendicular to the Natural System at the narrowest point (Section 7.4.4.1 of TRCA Living City Policies). Staff have concerns with potential repairs within this valley system as a result of exposure due to channel migration, erosion and scouring, some of which may result in significant impacts to valley slopes through the construction of access roads. As the impacts of flooding, erosion, climate change, etc., continue to increase, new infrastructure proposed directly parallel to watercourses has potential to become at risk,	The Region acknowledges TRCA policies regarding the location of infrastructure within the Natural system. Through Phase 3 of the Class Environmental Assessment, the preferred alternative will be developed further through the evaluation of alternative construction methodologies, to minimize impacts on the valley system. Furthermore, Phase 3 will also evaluate options for construction staging and shaft compounds, access for construction and long-term operation and maintenance of the sewers, with the goal to minimize impacts on the natural and socio-economic environments.	The potential impact on the floodplain/natural environment due to grading of the access road/staging area along with dewatering and mitigation measures should be fully discussed within the ESR. **Staff look forward to the review the draft ESR.** Please note in the following in the draft ESR. An Environmental Impact Assessment will be required once shaft locations, grading, access, and staging and storage areas are finalized and the full impact to the NHS is identified. An arborist Report will be	The ESR will include a comprehensive section on potential impacts due to the required construction activities. The preliminary design is being advanced concurrently with the development of the ESR so there will be sufficient detail in the design to identify the potential impacts and the mitigation measures required. The ESR will include statement defining the need for, and the requirement of, the Environmental Impact Assessment.	Noted

	require further emergency repairs and continue to cause further impacts on the natural features and hazards within valley systems. Should the Deep Trunk alignment move forward as the preferred alignment, staff request further details that demonstrate the Region's best efforts to avoid TRCA's regulated area including further consideration of adjustments to the Deep Trunk alignment.		required to categorize all tress within the study area and identify those required for removal and/or impacts. This information is to be used to calculate restoration and compensation requirements.	The ESR will include statement defining the need for the arborists report.	
3.	Staff request the following be confirmed or that further clarification be provided through the EA process. a) Please confirm all sewer infrastructure will be placed on the east side of the existing pipe within the existing easement (opposite side of the watercourse) at the connection point near Dixie and Derry Road. b) Please provide further details for shaft location at Kennedy Road. Staff are concerns about impacts to TRCA regulated area (flooding,	For the south section of the proposed alignment, it is anticipated that the new sewer will be located to the east of the existing sewers, as noted, to facilitate connection to the existing sewers and the proposed EWD STS at Derry Road and reduce impact on the creek valley. The identification and assessment of potential impacts of construction and long-term operation of the sewer to be undertaken though Phase 3 of the Class EA will be undertaken similar to the assessment in Phase 2. This will include assessment of impacts on the natural environment, including the regulated areas, and hydrogeological impacts mentioned as well as technical considerations and the	a) Addressed b) To be addressed c) To be addressed - The potential impact on the floodplain/natural environment due to grading of the access road/staging area along with dewatering and mitigation measures should be fully discussed within the ESR. Staff look forward to reviewing the draft ESR. d) To be addressed - Hydrogeology related concerns can be	a) no further response b) Details regrading the impacts of grading and any other construction activities related to the access and staging at shaft locations and any other construction related activities are described in the draft Phase 3 report which will be provided the	Noted

	erosion etc.) c) Please provide further conceptual information related to construction staging, fill placement etc. or commitment to avoid impacts to flooding and erosion risk. d) Please provide further information regarding anticipated impacts from groundwater management required for open-trench excavation and tunnel and shaft construction such as lowering the water table and reducing groundwater flow into natural features. As the study progresses staff will confirm the need for an EMP.	impact on the community. As with Phase 2, the results of the evaluation will be shared with TRCA at the conclusion of Phase 3.	addressed at the detailed design when hydrogeology investigations have been completed.	TRCA. The Phase 3 report also includes recommendations for required mitigation measures. The potential impacts and required mitigation measures will be Further refined in the ESR as the preliminary design is being advanced. c) See answer for 3 b. d) impacts anticipated from construction on the hydrological environment including any required groundwater management that may impact the natural groundwater flow regime to natural features will be discussed in the ESR. Additional detailed EMPs	

				related to groundwater will be discussed in the ESR and any requirements for the detailed design stage will be included.	
4.	It is the opinion of TRCA ecology staff that the natural system identified and assessed within the Natural Science Report by LGL Ltd. constitutes a significant contribution to the natural system in the Etobicoke Creek watershed. Any form of infrastructure proposed within the valley has numerous immediate impacts to the natural system as well as unidentified long-term repercussions. It is important to properly consider the protection of the ecological integrity of Core Areas of Peel's Greenland System. The above has not been fully assessed within the proposed alternative options evaluation criteria and should play a significant role in the selection of a preferred option. Please provide a comprehensive assessment of all options (may be focused on preferred and Kennedy Road alignments)	The assessment of impacts in Phase 3 of the Class EA will consider the Natural Environment as well as social environment and Technical Considerations based on feasible construction methodologies for the preferred alignment. The evaluation of impacts on the Natural Environment will be based on the completion of a Natural Sciences Report (NSR) by LGL that will document the natural heritage and more thoroughly assess the impact of the preferred solution, based on the proposed construction methodology. The report will identify appropriate mitigation recommendations to avoid or minimize the potential for impacts, both short and long-term that can be included with the assessment of impacts. The NSR will also identify the natural heritage related permits and/or approvals likely to be triggered by the implementation of the preferred design solution to identify additional studies to be undertaken during the detailed design phase, once final construction requirements are known. It is anticipated that this will	**Noted**	Further documentation in regard to the assessment of impacts and mitigation measures is included in the Natural Science Report from May, in Section 5 and will be included and updated in the Phase 3 report and the ESR, both of which will be provided to the TRCA for review.	TRCA is generally supportive of the mitigation measures outlined in section 8.4.1.2 of the ESR and can provide further review and comment of the additional impacts of creek and tributary crossing and vegetation as they are investigated, and areas selected at detail design.

	including access and its associated impact to the natural system, impacts to connectivity within the valley land associated with permanent infrastructure, and future maintenance requirements. While initial cost for preferred options to go through the valley system may be favorably low, long-term impacts, both ecologically and economically, may prove to be significantly greater.	include the development of Flood Plain Impact Assessment and geomorphological assessments.			
Ecology Comments					
5.			TRCA recommends that the Environmental Assessment include the Significant Wildlife Habitat screening for the study area. Please provide in report.	The LGL report screening indicated that there were no designated Significant Wildlife Habitat areas in the study area. See Section 3.2 in the NSR.	Comment addressed. No SWH within study area. Please note this within Section 5.3.3.2.3 of the ESR.
6.			The EA identified a swamp community, SWD4-1, is to be impacted by an open cut shaft location and appears to eliminate the community altogether. As swamp communities are extremely difficult to restore, TRCA recommends that options be explored to relocate Shaft 1 to avoid such complications and possible compensation requirements.	The location of Shaft 1 was selected based on an evaluation of opportunities and constraints against a number of other potential location and was preferred. There are further efforts under way in the preliminary design stage to minimize any potential impacts to SWD4-1 community.	Comment addressed. Current location of shaft is preferred. Efforts to minimize impacts to SWD4-1 will be explored though preliminary detail design.

7.			Open cut areas proposed after shaft 5, as noted in Section 5 of the EA, include a crossing of the Etobicoke Creek, another crossing of one of its tributaries, and through an extensive portion of the Natural Heritage System associated with the Etobicoke Creek Valley. TRCA recommends trenchless technologies be implemented to avoid, reduce, and mitigate damage to the NHS.	Trenchless technologies have been adopted for construction of the alignment up to the east side of Dixie Rd. The final segment of the sewer downstream in segment 4 is too shallow for trenchless construction.	Comment addressed. Trenchless technologies have been adapted where possible. Segment 4, after shaft 6, remains open cut through two tributaries due to depth issues. TRCA can provide review of detail design to assist with avoidance and mitigation methods.
Geotechnical					
8.			At this time, staff understand that the geotechnical design for the shafts and trenchless installation is preliminary, which will need to be developed during the deign in-progress. Please find below the high-level geotechnical requirements for the detailed design stage: 1. The trenchless installation will need to be designed using the available geotechnical information and	1. Geotechnical information is being gathered at the preliminary design stage to assist in the design and will include recommendations for mitigation of impacts monitoring as required and as understood at a preliminary design stage. Additional geotechnical information will be collected during detailed design were required to further	Noted

			recommendations in the geotechnical report. All pertinent design recommendations, monitoring of the surrounding areas (during construction and post-construction, where needed), and mitigative measures against hazards will need to be developed and presented in the design submission materials. 2. The shafts to stabilize the excavation will need to be designed and all engineering drawings will need to be provided as a design by qualified engineer. 3. The stabilization measures for the open-cut excavation will need to be provided to ensure that the surrounding areas will not be adversely impacted. All engineering details	clarify design requirements, impacts and required mitigation measures. 2. Design drawings and any specifications will be developed by qualitfied engineers. 3. Open-cut design methods will be described in the preliminary design report and further detailed at the deatiled design stage. 4. Details of construction and site work to be completed to address site restoration and long term site stability will be inlcuded in the preliminary design report and further described at the detailed design stage. 5. Construction means and methods will be developed at the preliminary design stage and further	

			and specifications will nee dot be provided. 4. All disturbed areas including those because of the temporary excavations will need to be appropriately reconstructed/engine ered to ensure that they remain long-term stable after the construction. All details and specifications will need to be provided accordingly. 5. All construction means and methods will need tom be further developed and shown on the drawings including the construction access, staging, strigae and stockpiling areas. Where, those area close to the slopes/banks, they will need a review by geotechnical engineer to ensure that there is no risk of destabilizing	defined at the detailed design stage to address issues of site stability and will be reviewed and approved by a qualified geotechnical engineer. 6. All areas of construction activity that result in potential alterations to slope stability will also have site stability measures defined for during construction for after construction defined. 7. Engineering drawings for the construction of the required works will include all necessary details, dimentions and specifications at the level required for preliminary design and will be further refined during the detailed design stage.	

			the slopes/banks. 6. For the construction access, if there is no to alter the surround areas and slopes during construction, those alterations will need to be shown on the drawings. Additionally, the appropriate stabilization measures will need to be provided. Finally, the restoration and reconstruction of the altered areas will be needed to be provided to ensure the stability of the reconstructed areas in the long-term. 7. All engineering drawings will need to be developed showing all necessary details, dimensions, and specifications. The geotechnical review will be continued at the detailed design, once more design materials are available.		

New Comments					
9.					Please confirm if there is any information regarding the estimation of the amount of fill that would be placed within the floodplain. Please ensure that the works are consistent with TRCA's LCP – see Section 8.9 and 8.12 for reference.
10.					Under Section 8.4, please add a section that for the areas that the crossing will be conducted by open-cut, a review by fluvial geomorphologist will be needed at the detailed design to provide the recommendations on how to reconstruct the bank and watercourse to avoid triggering erosion.
11.					TRCA recommend that the Region contact MECP in regard to the removal of protected SAR bat habitat within the study area.

Act. If for any reason the above does not apply, then MNRF would require an application be made under the LRIA.

If you have any questions or concerns with the above, please feel free to contact me.

Thank you,

Sam Short (he/him)
Regional Planner
Ph: 705-772-9329
Land Use Planning and Strategic Issues Section – Southern Region
Ministry of Natural Resources and Forestry

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: January 9, 2023 8:33 AM
To: Short, Sam (MNRF) <Sam.Short@ontario.ca>
Subject: Re: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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

Hi Sam
Yes, Jan 16 should be fine. I know with the holidays; review times get shorten.
I will let our consultant know to expect comments by that date from MNRF.
Thank you for letting me know.

Italia Ponce, P. Eng.
Project Manager
Region of Peel - Water & Wastewater Division
Public Works
905-791-7800 ext 4583

From: Short, Sam (MNRF) <Sam.Short@ontario.ca>
Sent: Friday, January 6, 2023 2:13:31 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hello Italia,

I hope your week has gone well and you had a good holiday.

Would it be possible to get an extension to provide comments on the draft ESR for this project? If MNRF could have until Monday, Jan 16 to submit comments, it would be quite helpful.

Thank you,

Sam Short (he/him)
Regional Planner
Ph: 705-772-9329
Land Use Planning and Strategic Issues Section – Southern Region
Ministry of Natural Resources and Forestry

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: December 1, 2022 2:20 PM
To: Chabot, Lise (IAO) <Lise.Chabot@ontario.ca>; Zubair, Ayesha (MOI) <Ayesha.Zubair@ontario.ca>; Watt, Heather (MMAH) <Heather.Watt@ontario.ca>; Ma, WanChi (MTO) <WanChi.Ma@ontario.ca>; White, Jason (MTO) <Jason.White@ontario.ca>; Mazzotta, Rob (MTO) <Rob.Mazzotta@ontario.ca>; Kamran.Yousaf@ontario.ca; Wiesek, Marek (MTO) <Marek.Wiesek@ontario.ca>; Della Mora, Dan (MTO) <Dan.DellaMora@ontario.ca>; Martins, Frank (MTO) <Frank.Martins@ontario.ca>; Pilla, Angelo (MTO) <Angelo.Pilla@ontario.ca>; White, Mark J. (EDU) <Mark.J.White@ontario.ca>; Caple, Corey (MPBSD) <Corey.Caple@ontario.ca>; Iannacito, Phil (MTO) <Phil.Iannacito@ontario.ca>; Routledge, Graham (MTO) <Graham.Routledge@ontario.ca>; maria.jawaid@ontario.ca; Belshaw, Kelly (MNRF) <Kelly.Belshaw@ontario.ca>; Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>; Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>; Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>; Hatcher, Laura (MCM) <Laura.E.Hatcher@ontario.ca>; Ros, Darja (MTCS) <Darja.Ros@ontario.ca>; Bell, Trevor (MECP) <Trevor.Bell@ontario.ca>; Janz, Elizabeth (MECP) <Elizabeth.Janz@ontario.ca>; EA Notices to CRegion (MECP) <eanotification.cregion@ontario.ca>; Malcolmson, Heather (MECP) <Heather.Malcolmson@ontario.ca>; Evers, Andrew (MECP) <Andrew.Evers@ontario.ca>; Martin, Paul (MECP) <Paul.D.Martin@ontario.ca>; Dufresne, Tina (MECP) <Tina.Dufresne@ontario.ca>; NoticeReview@infrastructureontario.ca; Davidson, Ainsley (IO) <Ainsley.Davidson@infrastructureontario.ca>; Myslicki, Lisa (IO) <Lisa.Myslicki@infrastructureontario.ca>; Kelly, Tate <Tate.Kelly@infrastructureontario.ca>; noticereview@infrastructureontario.ca; obenjrad@407etr.com; jbooker@407ETR.com; Greene, Robert (TBS) <Robert.Greene@ontario.ca>; Simard, Julie (MNRF) <julie.simard@ontario.ca>; Short, Sam (MNRF) <Sam.Short@ontario.ca>; Scientific Collection Permits Aurora (MNRF) <scp.aurora@ontario.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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

Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the

Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

We have completed Phase 1-3 of the Municipal Class EA process and have prepared the **draft Environmental Study Report (ESR)**. The draft ESR summarizes the activities undertaken to date through Phases 1-3. The intent of this email is to provide you with the Draft Environmental Study Report for review, and to seek your input and comments.

Please kindly submit comments on the Draft ESR by **Monday January 9, 2023** to italia.ponce@peelregion.ca. To assist the project team in maintaining the project schedule please advise in advance if you are unable to provide comments by this date.
The Draft ESR will be available at the following website:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

We look forward to hearing form you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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recipient or have received this e-mail in error, please notify the sender via return email and permanently delete all copies of
the email. Thank you.

Ministry of Citizenship and Multiculturalism

56 Wellesley Street West
14th Floor
Toronto ON M7A 2E7
Tel.: 416.786.7553

Ministère des Affaires civiques et du Multiculturalisme

56, avenue rue Wellesley Ouest
14e étage
Toronto ON M7A 2E7
Tél.: 416.786.7553

Ontario

January 9, 2023 EMAIL ONLY

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning – Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
italia.ponce@peelregion.ca

MCM File	**:**	**0010802**
Proponent	**:**	**Peel Region**
Subject	**:**	**Municipal Class EA – Schedule C – Draft Environmental Study Report**
Project	**:**	**Etobicoke Creek Trunk Sewer Improvements and Upgrades**
Location	**:**	**Cities of Mississauga and Brampton, Ontario**

Dear Ms. Ponce:

Thank you for providing the Ministry of Citizenship and Multiculturalism (MCM) with the Draft Environmental Study Report (ESR) for the above-referenced project dated November 22, 2022, prepared by Jacobs.

Please note that the responsibility for administration of the *Ontario Heritage Act* and matters related to cultural heritage recently transferred from the Ministry of Tourism, Culture and Sport (MTCS) to MCM. Individual staff roles and contact information remain unchanged. Please continue to send any notices, report and/or documentation to both Karla Barboza and the undersigned.

MCM's interest in this Environmental Assessment (EA) project relates to its mandate of conserving Ontario's cultural heritage, which includes:

- archaeological resources, including land and marine;
- built heritage resources, including bridges and monuments; and
- cultural heritage landscapes.

Project Summary
The purpose of this Class EA study is to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of

Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

Draft ESR Review
We have reviewed the draft ESR and offer the following comments for consideration in developing the final version.

1. Given the ministry change noted above, references to MTCS can be replaced with MCM, for example in Sections 3.1.3 and 9.1.7, and the corresponding parts of the Executive Summary.

2. Also as noted above, “cultural heritage resources” include archaeological resources, built heritage resources and cultural heritage landscapes. In several instances in the draft report, “cultural heritage” is used to refer to the latter two only. We recommend that the terminology be made consistent with provincial policy. For example, “Cultural Heritage” should be changed to “Built Heritage Resources and Cultural Heritage Landscapes” (or appropriate abbreviations) in the titles of Sections 5.3.3.5 and 8.4.1.1 and in the “Impacts to Cultural Heritage” row of Table 7-5, while “Archeological and Cultural Resources” can be shortened to “Cultural Heritage” or “Cultural Heritage Resources” in Tables 6-1 and 6-3.

3. Again to keep terminology consistent with the *Ontario Heritage Act* and related policy, we recommend that in Table 6-1, “Main Consideration” column, “that are culturally significant” be replaced with “of cultural heritage value or interest”.

4. Section 8.4.1.5 should include commitments for the possibility of archaeological resources being encountered during construction, in spite of the completion of archaeological assessment. Such a commitment could be based on the language of the third and fourth bullets in Section 6.0 of the Stage 2 Archaeological Assessment included in Appendix C3.

5. Section 9.1.7 refers to an “archaeological clearance permit”, which is not a document we issue. The term used should be “review letter”, or in more detail, “letter indicating that the archaeological assessment reports, recommending no further assessment, have been entered into the Ontario Public Register of Archaeological Reports”.

6. Our records indicate that the Stage 2 Archaeological Assessment provided in Appendix C3 has not been submitted to MCM’s Archaeology Program Unit for technical review. We recommend that it be submitted by the authoring licensed archaeologist as soon as possible, and that if the final review letter remains outstanding when the ESR is finalized, this be reflected in Section 9.1.7.

7. It is unclear whether the two Cultural Heritage Resource Assessment (CHRA) documents presented in Appendix C2 are necessary as separate pieces, or whether the Existing Conditions and Preliminary Impact Assessment document represents an update to the Desktop Data Collection document and could stand alone as the CHRA. We note that the Existing Conditions and Preliminary Impact Assessment document includes most of the content of the Desktop Data Collection document; has the same publication date, but with additional revision dates; and does not reference the Desktop Data Collection document as a separate report. If Appendix C2 is reduced to one document, it may be appropriate to remove the second paragraph of Section 3.9.2 of the ESR.

8. Section 1.0 of the CHRA – Existing Conditions and Preliminary Impact Assessment included in Appendix C2 notes that "Once a preferred alternative is selected, this report will be updated to include proposed appropriate mitigation measures and recommendations for minimizing and avoiding negative impacts on identified cultural heritage resources." It is unclear whether this statement remained in the report in error or whether the intent was to include mitigation measures beyond what is recommended in Section 8.0. In either case, given that the selection of alternatives has been completed, this section should be updated accordingly.

Thank you for consulting MCM on this project and please continue to do so throughout the EA process. If you have any questions or require clarification, please do not hesitate to contact me.

Sincerely,

Dan Minkin
Heritage Planner
Dan.Minkin@Ontario.ca

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. The Ministry of Citizenship and Multiculturalism (MCM) makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MCM be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the *Ontario Heritage Act*. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the *Ontario Heritage Act*.

The *Funeral, Burial and Cremation Services Act, 2002, S.O. 2002, c.33* requires that any person discovering human remains must cease all activities immediately and notify the police or coroner. If the coroner does not suspect foul play in the disposition of the remains, in accordance with *Ontario Regulation 30/11* the coroner shall notify the Registrar, Ontario Ministry of Public and Business Service Delivery, which administers provisions of that Act related to burial sites. In situations where human remains are associated with archaeological resources, the Ministry of Citizenship and Multiculturalism should also be notified (at archaeology@ontario.ca) to ensure that the archaeological site is not subject to unlicensed alterations which would be a contravention of the *Ontario Heritage Act*.

Newton, Dorin

From: postmaster@Ontariogov.onmicrosoft.com
To: Kamran.Yousaf@ontario.ca
Sent: Monday, January 16, 2023 2:09 PM
Subject: Undeliverable: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Your message to Kamran.Yousaf@ontario.ca couldn't be delivered.

Kamran.Yousaf wasn't found at ontario.ca.

prvs=5380404aa4=dori.
. .

Office 365	**Kamran.Yousaf**
Action Required	Recipient

Unknown To address

How to Fix It

The address may be misspelled or may not exist. Try one or more of the following:

- Send the message again following these steps: In Outlook, open this non-delivery report (NDR) and choose **Send Again** from the Report ribbon. In Outlook on the web, select this NDR, then select the link "**To send this message again, click here.**" Then delete and retype the entire recipient address. If prompted with an Auto-Complete List suggestion don't select it. After typing the complete address, click **Send**.
- Contact the recipient (by phone, for example) to check that the address exists and is correct.
- The recipient may have set up email forwarding to an incorrect address. Ask them to check that any forwarding they've set up is working correctly.
- Clear the recipient Auto-Complete List in Outlook or Outlook on the web by following the steps in this article: Fix email delivery issues for error code 5.1.10 in Office 365, and then send the message again. Retype the entire recipient address before selecting **Send**.

If the problem continues, forward this message to your email admin. If you're an email admin, refer to the **More Info for Email Admins** section below.

Was this helpful? Send feedback to Microsoft.

More Info for Email Admins

Status code: 550 5.1.10

This error occurs because the sender sent a message to an email address hosted by Office 365 but the address is incorrect or doesn't exist at the destination domain. The error is reported by the recipient domain's email server, but most often it must be fixed by the person who sent the message. If the steps in the **How to Fix It** section above don't fix the problem, and you're the email admin for the recipient, try one or more of the following:

The email address exists and is correct - Confirm that the recipient address exists, is correct, and is accepting messages.

Synchronize your directories - If you have a hybrid environment and are using directory synchronization make sure the recipient's email address is synced correctly in both Office 365 and in your on-premises directory.

Errant forwarding rule - Check for forwarding rules that aren't behaving as expected. Forwarding can be set up by an admin via mail flow rules or mailbox forwarding address settings, or by the recipient via the Inbox Rules feature.

Recipient has a valid license - Make sure the recipient has an Office 365 license assigned to them. The recipient's email admin can use the Office 365 admin center to assign a license (Users > Active Users > select the recipient > Assigned License > Edit).

Mail flow settings and MX records are not correct - Misconfigured mail flow or MX record settings can cause this error. Check your Office 365 mail flow settings to make sure your domain and any mail flow connectors are set up correctly. Also, work with your domain registrar to make sure the MX records for your domain are configured correctly.

For more information and additional tips to fix this issue, see Fix email delivery issues for error code 5.1.10 in Office 365.

Original Message Details

Created Date:	1/16/2023 7:08:54 PM
Sender Address:	prvs=5380404aa4=dorin.newton@jacobs.com
Recipient Address:	Kamran.Yousaf@ontario.ca
Subject:	RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Error Details

Reported error: *550 5.1.10 RESOLVER.ADR.RecipientNotFound; Recipient Kamran.Yousaf@ontario.ca not found by SMTP address lookup*

DSN generated by: YT3PR01MB8371.CANPRD01.PROD.OUTLOOK.COM

Message Hops

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2	1/16/2023 7:08:55 PM	BY3PR15MB5025.namprd15.prod.outlook.com	PH7PR15MB5737.namprd15.prod.outlook.com	Microsoft SM cipher=TLS_E
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To: "wanchi.ma@ontario.ca" <wanchi.ma@ontario.ca>,
        "jason.white@ontario.ca"
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CC: "Ponce Vanelli, Italia" <italia.ponce@peelregion.ca>,
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<Tom.Mahood@jacobs.com>
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Improvements and Upgrades
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Improvements and Upgrades
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Newton, Dorin

From: White, Mark J. (EDU) <Mark.J.White@ontario.ca>
Sent: Monday, January 16, 2023 2:28 PM
To: Newton, Dorin
Subject: [EXTERNAL] RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Hi Dorin,

I am no longer in the Corridor Management Office but Dan, Graham and Angelo are. I'm sure one of them will be in touch.

Regards,
Mark White

From: Newton, Dorin <Dorin.Newton@jacobs.com>
Sent: January 16, 2023 2:09 PM
To: Ma, WanChi (MTO) <WanChi.Ma@ontario.ca>; White, Jason (MTO) <Jason.White@ontario.ca>; Mazzotta, Rob (MTO) <Rob.Mazzotta@ontario.ca>; Kamran.Yousaf@ontario.ca; Wiesek, Marek (MTO) <Marek.Wiesek@ontario.ca>; Della Mora, Dan (MTO) <Dan.DellaMora@ontario.ca>; Martins, Frank (MTO) <Frank.Martins@ontario.ca>; Pilla, Angelo (MTO) <Angelo.Pilla@ontario.ca>; White, Mark J. (EDU) <Mark.J.White@ontario.ca>; Caple, Corey (MPBSD) <Corey.Caple@ontario.ca>; Iannacito, Phil (MTO) <Phil.Iannacito@ontario.ca>; Routledge, Graham (MTO) <Graham.Routledge@ontario.ca>; NoticeReview@infrastructureontario.ca; Davidson, Ainsley (IO) <Ainsley.Davidson@infrastructureontario.ca>; Myslicki, Lisa (IO) <Lisa.Myslicki@infrastructureontario.ca>; Kelly, Tate <Tate.Kelly@infrastructureontario.ca>; obenjrad@407etr.com; jbooker@407ETR.com
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Mahood, Tom <Tom.Mahood@jacobs.com>
Subject: RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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

Good afternoon everyone,

I am just following up on the email below regarding comments on the draft ESR document for the Etobicoke Creek Trunk Sewer Improvements and Upgrades EA. The proposed design crosses Highways 410 and 407 as well as sections of IO lands As such we wanted to ensure that you were aware of this and also provide you with the opportunity to give us feedback that may need to be included as part of the ESR. We understand that the report review requires much of your time, so to capture your comments appropriately, we propose a meeting with you to walk you through the proposed alignment and design with focus on the crossings of the highways and IO lands. Can you please provide me with your availability on the following dates so that we can set up the meeting? We will need just 1 hr of your time.

Jan 23: 10 am - 12 pm
Jan 24: 10 am - 12 pm
Jan 25: 1 pm - 3 pm
Jan 26: 9 am – 12 pm
Jan 27: 9 am -12 pm

Thank you,

Dorin Newton

On behalf of:

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:20 PM
To: lise.chabot@ontario.ca; ayesha.zubair@ontario.ca; heather.watt@ontario.ca; wanchi.ma@ontario.ca; jason.white@ontario.ca; Rob.Mazzotta@ontario.ca; Kamran.Yousaf@ontario.ca; Marek.Wiesek@ontario.ca; Dan.DellaMora@ontario.ca; Frank.Martins@ontario.ca; Angelo.Pilla@ontario.ca; Mark.j.white@ontario.ca; corey.caple@ontario.ca; phil.iannacito@ontario.ca; graham.routledge@ontario.ca; maria.jawaid@ontario.ca; kelly.belshaw@ontario.ca; karla.barboza@ontario.ca; dan.minkin@ontario.ca; joseph.harvey@ontario.ca; Hatcher, Laura (MHSTCI) <Laura.E.Hatcher@ontario.ca>; darja.ros@ontario.ca; Bell, Trevor (MECP) <trevor.bell@ontario.ca>; elizabeth.janz@ontario.ca; eanotification.cregion@ontario.ca; heather.malcolmson@ontario.ca; andrew.evers@ontario.ca; paul.d.martin@ontario.ca; tina.dufresne@ontario.ca; NoticeReview@infrastructureontario.ca; ainsley.davidson@infrastructureontario.ca; Myslicki, Lisa (IO) <Lisa.Myslicki@infrastructureontario.ca>; tate.kelly@infrastructureontario.ca; noticereview@infrastructureontario.ca; obenjrad@407etr.com; jbooker@407ETR.com; robert.greene@ontario.ca; julie.simard@ontario.ca; Sam.Short@ontario.ca; scp.aurora@ontario.ca
Cc: Newton, Dorin <Dorin.Newton@jacobs.com>
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

We have completed Phase 1-3 of the Municipal Class EA process and have prepared the **draft Environmental Study Report (ESR)**. The draft ESR summarizes the activities undertaken to date through Phases 1-3. The intent of this email is to provide you with the Draft Environmental Study Report for review, and to seek your input and comments.

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The Draft ESR will be available at the following website:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

We look forward to hearing form you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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Newton, Dorin

From: Wiesek, Marek (MTO) <Marek.Wiesek@ontario.ca>
Sent: Thursday, January 19, 2023 1:33 PM
To: Newton, Dorin
Subject: [EXTERNAL] RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Dorin,

Im available:

Jan 23: 10 am - 12 pm until 11:30
Jan 24: 10 am - 12 pm all day
Jan 25: 1 pm - 3 pm all day
Jan 26: 9 am – 12 pm all day
Jan 27: 9 am -12 pm until 11:30

Marek Wiesek
Construction Officer, Highway Concessions Section
Ministry of Transportation Ontario
159 Sir William Hearst Ave, 7th Floor
Toronto ON, M3M 0B7
Cell: 437-240-9818
Email: Marek.Wiesek@ontario.ca

From: Newton, Dorin <Dorin.Newton@jacobs.com>
Sent: January 16, 2023 2:09 PM
To: Ma, WanChi (MTO) <WanChi.Ma@ontario.ca>; White, Jason (MTO) <Jason.White@ontario.ca>; Mazzotta, Rob (MTO) <Rob.Mazzotta@ontario.ca>; Kamran.Yousaf@ontario.ca; Wiesek, Marek (MTO) <Marek.Wiesek@ontario.ca>; Della Mora, Dan (MTO) <Dan.DellaMora@ontario.ca>; Martins, Frank (MTO) <Frank.Martins@ontario.ca>; Pilla, Angelo (MTO) <Angelo.Pilla@ontario.ca>; White, Mark J. (EDU) <Mark.J.White@ontario.ca>; Caple, Corey (MPBSD) <Corey.Caple@ontario.ca>; Iannacito, Phil (MTO) <Phil.Iannacito@ontario.ca>; Routledge, Graham (MTO) <Graham.Routledge@ontario.ca>; NoticeReview@infrastructureontario.ca; Davidson, Ainsley (IO) <Ainsley.Davidson@infrastructureontario.ca>; Myslicki, Lisa (IO) <Lisa.Myslicki@infrastructureontario.ca>; Kelly, Tate <Tate.Kelly@infrastructureontario.ca>; obenjrad@407etr.com; jbooker@407ETR.com
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Mahood, Tom <Tom.Mahood@jacobs.com>
Subject: RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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Jan 26: 9 am – 12 pm
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Thank you,

Dorin Newton

On behalf of:

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:20 PM
To: lise.chabot@ontario.ca; ayesha.zubair@ontario.ca; heather.watt@ontario.ca; wanchi.ma@ontario.ca; jason.white@ontario.ca; Rob.Mazzotta@ontario.ca; Kamran.Yousaf@ontario.ca; Marek.Wiesek@ontario.ca; Dan.DellaMora@ontario.ca; Frank.Martins@ontario.ca; Angelo.Pilla@ontario.ca; Mark.j.white@ontario.ca; corey.caple@ontario.ca; phil.iannacito@ontario.ca; graham.routledge@ontario.ca; maria.jawaid@ontario.ca; kelly.belshaw@ontario.ca; karla.barboza@ontario.ca; dan.minkin@ontario.ca; joseph.harvey@ontario.ca; Hatcher, Laura (MHSTCI) <Laura.E.Hatcher@ontario.ca>; darja.ros@ontario.ca; Bell, Trevor (MECP) <trevor.bell@ontario.ca>; elizabeth.janz@ontario.ca; eanotification.cregion@ontario.ca; heather.malcolmson@ontario.ca; andrew.evers@ontario.ca; paul.d.martin@ontario.ca; tina.dufresne@ontario.ca; NoticeReview@infrastructureontario.ca; ainsley.davidson@infrastructureontario.ca; Myslicki, Lisa (IO) <Lisa.Myslicki@infrastructureontario.ca>; tate.kelly@infrastructureontario.ca; noticereview@infrastructureontario.ca; obenjrad@407etr.com; jbooker@407ETR.com; robert.greene@ontario.ca; julie.simard@ontario.ca; Sam.Short@ontario.ca; scp.aurora@ontario.ca
Cc: Newton, Dorin <Dorin.Newton@jacobs.com>
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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We look forward to hearing form you.

Thanks,

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Infrastructure Planning- Water & Wastewater Division
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Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, January 19, 2023 3:40 PM
To: wanchi.ma@ontario.ca; jason.white@ontario.ca; Rob.Mazzotta@ontario.ca; Kamran.Yousaf@ontario.ca; Marek.Wiesek@ontario.ca; Dan.DellaMora@ontario.ca; Frank.Martins@ontario.ca; Angelo.Pilla@ontario.ca; Mark.j.white@ontario.ca; corey.caple@ontario.ca; phil.iannacito@ontario.ca; graham.routledge@ontario.ca; NoticeReview@infrastructureontario.ca; ainsley.davidson@infrastructureontario.ca; Myslicki, Lisa (IO); tate.kelly@infrastructureontario.ca; obenjrad@407etr.com; jbooker@407ETR.com
Cc: Mahood, Tom; Newton, Dorin
Subject: [EXTERNAL] RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Hello everyone

I just wanted to touch base about the proposed dates for the meeting with you on the Etobicoke Creek Trunk Sewer EA. As mentioned in the email below, the proposed alignment crosses highways 410 and 407 as well as IO lands. The purpose of the meeting is review the proposed design and get your feedback. We met with MTO and 407 early in the process prior to PIC #1 however now that we have refined the alignment we would like to hear from you about potential considerations during design and construction.

If you can let Dorin or myself know what date works best you, that will be great. I want to thank those of you that have gotten back to us with your availability.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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Region of Peel
working with you

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Sent: January 16, 2023 2:09 PM
To: wanchi.ma@ontario.ca; jason.white@ontario.ca; Rob.Mazzotta@ontario.ca; Kamran.Yousaf@ontario.ca; Marek.Wiesek@ontario.ca; Dan.DellaMora@ontario.ca; Frank.Martins@ontario.ca; Angelo.Pilla@ontario.ca; Mark.j.white@ontario.ca; corey.caple@ontario.ca; phil.iannacito@ontario.ca; graham.routledge@ontario.ca;

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Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Mahood, Tom <Tom.Mahood@jacobs.com>
Subject: RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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Thank you,

Dorin Newton

On behalf of:

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From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:20 PM
To: lise.chabot@ontario.ca; ayesha.zubair@ontario.ca; heather.watt@ontario.ca; wanchi.ma@ontario.ca; jason.white@ontario.ca; Rob.Mazzotta@ontario.ca; Kamran.Yousaf@ontario.ca; Marek.Wiesek@ontario.ca; Dan.DellaMora@ontario.ca; Frank.Martins@ontario.ca; Angelo.Pilla@ontario.ca; Mark.j.white@ontario.ca; corey.caple@ontario.ca; phil.iannacito@ontario.ca; graham.routledge@ontario.ca; maria.jawaid@ontario.ca; kelly.belshaw@ontario.ca; karla.barboza@ontario.ca; dan.minkin@ontario.ca; joseph.harvey@ontario.ca; Hatcher, Laura (MHSTCI) <Laura.E.Hatcher@ontario.ca>; darja.ros@ontario.ca; Bell, Trevor (MECP) <trevor.bell@ontario.ca>; elizabeth.janz@ontario.ca; eanotification.cregion@ontario.ca; heather.malcolmson@ontario.ca; andrew.evers@ontario.ca; paul.d.martin@ontario.ca; tina.dufresne@ontario.ca;

NoticeReview@infrastructureontario.ca; ainsley.davidson@infrastructureontario.ca; Myslicki, Lisa (IO) <Lisa.Myslicki@infrastructureontario.ca>; tate.kelly@infrastructureontario.ca; noticereview@infrastructureontario.ca; obenjrad@407etr.com; jbooker@407ETR.com; robert.greene@ontario.ca; julie.simard@ontario.ca; Sam.Short@ontario.ca; scp.aurora@ontario.ca
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Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
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From: Pilla, Angelo (MTO) <Angelo.Pilla@ontario.ca>
Sent: January 23, 2023 11:00 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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Hello Italia,

As we had discussed over the phone, I am the new Corridor Management Engineer and am available to assist you with this request. As I had noted, I am committed to providing you with an updated organizational chart for my office, once it is completed but for the time being please continue to send the requests to me and I will forward them along for comment.

As we had discussed you had noted you have already had a meeting with MTO where the following items were discussed:

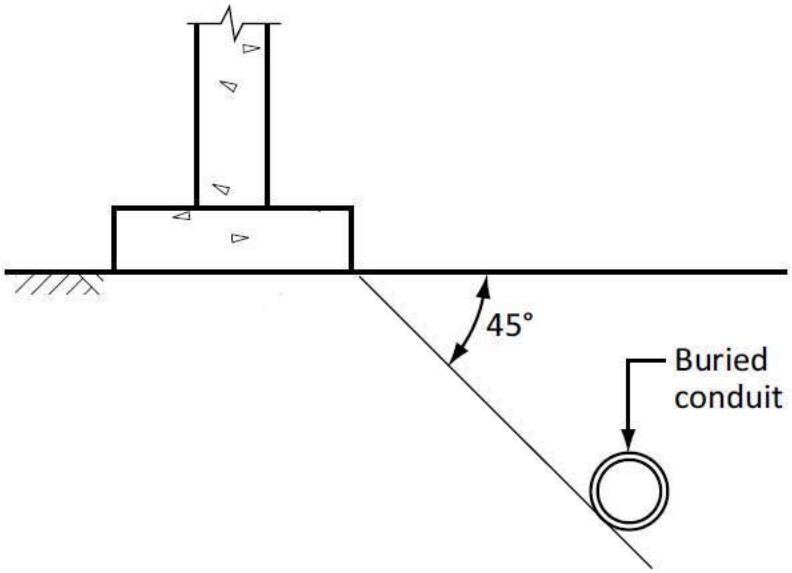
-minimum depth requirements
-crossing as close to 90 degrees as possible
-no permanent access locations within the ROW
-the need for permits

Now that there is a more general alignment you were requesting if we had any further comments.

The roadway isn't shown in much detail in this preliminary design so I am adding some comments in the event it is near an existing structure. For future submissions please provide the pages relevant for MTO review, and in those pages please provide the layers for the highway.

Structural

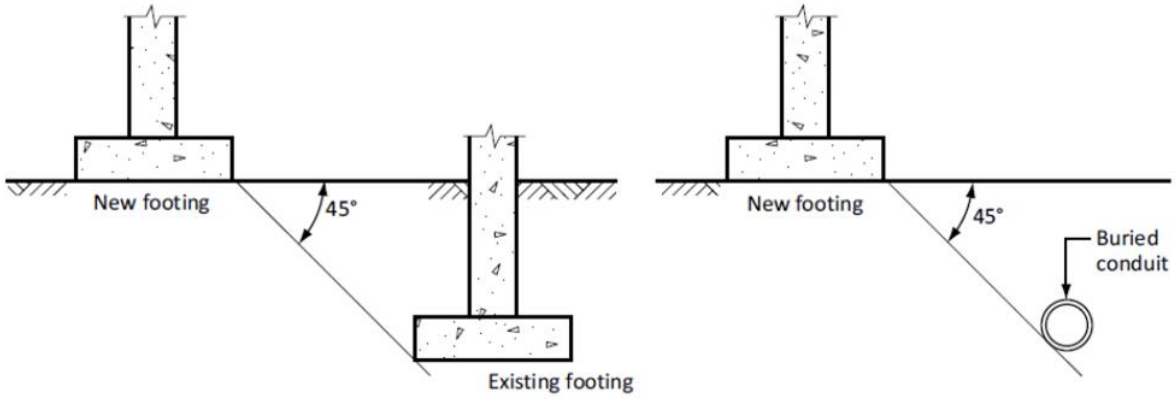
The proposed utility should be outside any bridge's foundation's influence zone.



Foundations

The utility should be offset from any bridge foundations (abutment, pier) an adequate distance to minimize any impacts to the foundations. The adequate distance is typically dictated by the size & depth of the tunnel utility and the type of foundation – shallow (footing) or deep (piles). There is no specific distance in any of our foundation guidelines but there is some guidance in the CHBDC for shallow foundations & utilities:

Figure C6.9
Recommended locations for a new footing
(See Clauses C6.4.2 and C6.10.1.3.)



Corridor

- When is this work proposed to be constructed?
- Pressurized pipes must be lined with steel within MTO ROW, from property line to property line.
- The pipe is to be as close to a right angle (90 degrees) crossing the highway and must run in a straight path from property line to property line.
- Please find the tunnelling guidelines attached for more information regarding geotechnical reports required to further advance the design.
- All work within MTO ROW will require encroachment permits including investigative works

When applying for encroachment permits please attach the following documents with the application:

- Detailed Plan Drawings that include setbacks from MTO property line and edge of pavement
- Traffic Control Plans based on OTM Book 7 (if traffic control is required)
- Planned Access Plans to work sites
- Planned dates and estimated time that the project will take
- A scope of work letter, in this letter also include if lanes/shoulder closures are required.

For further information on encroachment permits, please refer to the following link:

http://www.mto.gov.on.ca/english/engineering/management/corridor/encroach.shtml

Thank you,

Angelo Pilla, P.Eng. | Corridor Management Engineer
Ministry of Transportation | Central Operations | Highway Corridor Management Office
159 Sir William Hearst Avenue, 7th Floor | Toronto, Ontario | M3M 1J8
☎(437) 243 -4506 | ✉angelo.pilla@ontario.ca

Highway Corridor Management Ontario

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: December 1, 2022 2:20 PM

To: Chabot, Lise (IAO) <Lise.Chabot@ontario.ca>; Zubair, Ayesha (MOI) <Ayesha.Zubair@ontario.ca>; Watt, Heather (MMAH) <Heather.Watt@ontario.ca>; Ma, WanChi (MTO) <WanChi.Ma@ontario.ca>; White, Jason (MTO) <Jason.White@ontario.ca>; Mazzotta, Rob (MTO) <Rob.Mazzotta@ontario.ca>; Kamran.Yousaf@ontario.ca; Wiesek, Marek (MTO) <Marek.Wiesek@ontario.ca>; Della Mora, Dan (MTO) <Dan.DellaMora@ontario.ca>; Martins, Frank (MTO) <Frank.Martins@ontario.ca>; Pilla, Angelo (MTO) <Angelo.Pilla@ontario.ca>; White, Mark J. (EDU) <Mark.J.White@ontario.ca>; Caple, Corey (MPBSD) <Corey.Caple@ontario.ca>; Iannacito, Phil (MTO) <Phil.Iannacito@ontario.ca>; Routledge, Graham (MTO) <Graham.Routledge@ontario.ca>; maria.jawaid@ontario.ca; Belshaw, Kelly (MNRF) <Kelly.Belshaw@ontario.ca>; Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>; Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>; Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>; Hatcher, Laura (MCM) <Laura.E.Hatcher@ontario.ca>; Ros, Darja (MTCS) <Darja.Ros@ontario.ca>; Bell, Trevor (MECP) <Trevor.Bell@ontario.ca>; Janz, Elizabeth (MECP) <Elizabeth.Janz@ontario.ca>; EA Notices to CRegion (MECP) <eanotification.cregion@ontario.ca>; Malcolmson, Heather (MECP) <Heather.Malcolmson@ontario.ca>; Evers, Andrew (MECP) <Andrew.Evers@ontario.ca>; Martin, Paul (MECP) <Paul.D.Martin@ontario.ca>; Dufresne, Tina (MECP) <Tina.Dufresne@ontario.ca>; NoticeReview@infrastructureontario.ca; Davidson, Ainsley (IO) <Ainsley.Davidson@infrastructureontario.ca>; Myslicki, Lisa (IO) <Lisa.Myslicki@infrastructureontario.ca>; Kelly, Tate <Tate.Kelly@infrastructureontario.ca>; noticereview@infrastructureontario.ca; obenjrad@407etr.com; jbooker@407ETR.com; Greene, Robert (TBS) <Robert.Greene@ontario.ca>; Simard, Julie (MNRF) <julie.simard@ontario.ca>; Short, Sam (MNRF) <Sam.Short@ontario.ca>; Scientific Collection Permits Aurora (MNRF) <scp.aurora@ontario.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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We look forward to hearing form you.

Thanks,

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Guideline For Foundation Engineering – Geotechnical Specialty
For Corridor Encroachment Permit Application

(NOTE: REFER TO THE APPENDIX FOR SPECIFIC APPLICATION TYPES AS REQUIRED)

This Guideline is for Proponents of development within the Ministry of Transportation's (MTO) corridor permit control area and is intended only for the guidance of the Proponents in the preparation of the foundation engineering component of the application submissions. This document specifies MTO's minimum requirements for preparing the Foundation Engineering – Geotechnical Specialty component of the submission for corridor encroachment permit application purposes, which shall be the responsibility, technical and otherwise, of the Proponent.

Foundations Engineering consultants that are registered in the MTO consultant acquisition system (RAQS) at complexity ratings identified for this project are eligible to provide Foundations Engineering services for this project.

Alternatively, the Proponent may propose a Foundations Engineering consultant that is not registered in RAQS. In this case, the Proponent must submit sufficient documentation to demonstrate that the consultant's qualifications meet or exceed the RAQS requirements for the Foundations Engineering speciality and complexity requirements identified for this project.

For Engineering Materials Testing and Evaluation, the consultant shall be qualified to carry out all the tests that are covered in MTO Test Method LS-102 for Soil and Rock – Medium Complexity Testing.

Consultant services shall be provided in accordance with the most recent edition of the Canadian Highway Bridge Design Code, the 'Guideline for Professional Engineers Providing Geotechnical Engineering Services' published by the Professional Engineers of Ontario.

The designated principal contact identified for Foundations Engineering services by MTO and a second P.Eng., shall sign, and where required, seal all submissions and correspondence that are submitted to MTO.

Services include but are not restricted to conducting a site investigation that shall be of sufficient scope to verify design assumptions and to provide adequate subsurface descriptions to permit the consortium/ contractor to plan construction of foundation elements.

Sufficient factual information is required to determine a model of:

- the vertical and horizontal extent of subsurface materials (including both soil and rock) and their pertinent engineering properties;

- groundwater conditions including groundwater levels perched or otherwise.

Minimum requirements for Subsurface Investigation and Recommendations

Minimum subsurface investigation requirements are itemized for each structure type identified as part of this project.

The investigations shall be supplemented as required, with additional explorations to verify consistent conditions and existence of boulders within critical foundation zones.

Sampling, consisting of Standard Penetration Tests or thin wall tube samples, rock cores, and MTO Field Vane Tests where appropriate, shall be conducted to develop a comprehensive subsurface model. Semi-continuous sampling at 0.75m (2.5ft) intervals is required within critical foundation zones for structures. The maximum sampling interval shall be 1.5m (5 ft) to a depth 20m and 3m (10 ft) beyond 20m. The consultant shall retain samples for a period of 1 year after completion of the project.

Where encountered, the bedrock/soil interface shall be determined by geological definition.

All aspects of implementation of geotechnical test holes (including, but not limited to, planning, licensing, construction, maintenance, abandonment, and reporting, shall be in accordance with Ministry of the Environment Regulation 903 and its Amendments (the water well regulation under the OWRA).

Boreholes and piezometer tubes shall be backfilled with a suitable bentonite/cement mixture. Test pits shall be backfilled with suitable material and re-vegetated or otherwise protected from erosion. Temporary open holes shall be adequately covered. Holes in roads shall be backfilled as required to prevent future settlement and acceptably patched where pavement surfaces have been damaged. Backfilling procedure shall be described in the Foundation Investigation Report.

Where encountered, artesian groundwater conditions shall be sealed at their source. Full details of the artesian condition and the sealing operation shall be included in the Foundation Investigation Report.

Fieldwork shall be carried out in accordance with the Occupational Health and Safety Act.

Traffic protection shall be provided to MTO requirements during the course of any field investigations.

The locations and elevations of all boreholes, test pits and soundings shall be surveyed and referred to fixed reference points and data. Locations are to be identified by co-ordinates (Northing and Easting). The vertical accuracy of survey readings shall be within 0.1m. Horizontal accuracy shall be within 0.5m.

Minimum Laboratory Testing Requirements:

Laboratory testing shall consist of routine testing of 25% of samples. One routine lab test is defined as natural water content plus Atterberg Limit plus grain size distribution analyses. Complex laboratory testing is defined by all other tests including compressive strength, shear strength, consolidation, permeability and triaxial testing. Laboratory testing requirements shall be supplemented with additional routine and complex tests as required to verify strata boundaries and properties and behaviour of critical subsurface zones.

Borehole Log Preparation and Foundation Drawing:

Borehole log sheets, figures and drawings shall be prepared in accordance with MTO standards. The Foundation Drawing shall consist of a plan showing the locations of all borings, test pits and soundings and various stratigraphical longitudinal profiles and stratigraphical cross-sections at each bridge structure foundation element and groundwater levels.

Minimum Requirements for the Foundation Investigation and Design Report:

The Foundation Investigation and Design Report shall consist of the factual subsurface information (including the field and laboratory test information) and the recommendations required for foundation design.

The report shall be signed and sealed by two professional engineers, registered with the Professional Engineers of Ontario, representing the Consulting firm, one of which shall be that firm's designated principal identified contact for MTO Foundations Engineering projects.

The Foundation Investigation Report shall consist of:

- Site Description - including topography, vegetation, drainage, existing land use and structures, and colour photos of site (labelled & dated) to augment site description.
- Investigation Procedures - including site investigation and lab testing procedures
- Description of Subsurface Conditions - including soil, boulders, rock and groundwater conditions
- Miscellaneous Section that identifies the name of the drilling company, the laboratory where testing was performed, the persons who carried out the field supervision, and those who wrote and reviewed the report.

Existing boreholes that may be available from previous projects may be included. The Guideline specifies location, depth, sampling and testing requirements for Foundations Engineering test holes. If the Consultant proposes to use previous test holes to satisfy the guideline, the Consultant must submit sufficient documentation to demonstrate that the previous test holes comply with the requirements in the guideline.

Specifically, the foundation consultant shall submit

- a plan illustrating the location of the previous test holes in relation to the location requirements in the guideline
- a table illustrating the depth, sampling and testing protocol for the proposed 'previous' test holes
- a summary explaining how the proposed 'previous' test holes meet the current guideline

The Foundation Design Report shall present discussion and recommendations for design. The consultant shall analyse field data and test results and make comprehensive and practical recommendations pertaining to temporary, interim and permanent conditions at the Project.

The Foundation Consultant shall identify and present overview assessments of the advantages, disadvantages, costs and risks/consequences of alternative foundation schemes, in tabular format. The Report should conclude a preferred alternative from a foundation technical and cost effectiveness perspective.

Written confirmation is required from the Foundations Consultant that the design package submitted to MTO has been reviewed by the foundations consultant and that their recommendations have been satisfactorily incorporated in the contract package.

APPENDIX 1: Minimum Requirements
BRIDGES AND APPROACH EMBANKMENT

At foundation elements for bridge structures and retaining structures, boreholes shall extend to a minimum of 3m below refusal as defined by material for which Standard Penetration Tests exceed 100 blows per 0.3m, or bedrock.

A minimum of 1 exploration is required at each bridge approach within 20 m of the abutment to investigate the embankment foundations and to verify assumptions regarding embankment performance. At approach embankments, boreholes shall extend a minimum of 100% of the embankment fill height or 50% of the cut depth below the base of the fill or cut, unless bedrock is encountered, in which case sufficient explorations are required to confirm the bedrock surface.

A minimum of 2 boreholes is required to define subsurface conditions above and within the critical zone of influence beneath the plan limits of foundation elements. When bedrock is encountered, it shall be cored for a minimum of 3 m.

Recommendations for bridges and approach embankments shall include, where applicable:

- structure foundations type (shallow or deep)
- associated axial, lateral and sliding resistances
- the suitability for integral or semi-integral abutment design
- requirement for pile driving shoes/rock points
- assumptions for earth pressure diagrams and conceptual shoring alternatives
- stability analysis and recommendations for slope geometry
- settlement (preload/surcharging, soil improvement, wick drains, lightweight fill)
- seismic loading and potential for liquefaction
- frost protection
- drainage, run-off, erosion protection
- unwatering
- staged construction
- geosynthetic reinforcement and Retained Soil System (RSS)

APPENDIX 2: Minimum Requirements
RETAINING STRUCTURES

For retaining structures, one borehole is required at each end of the structure and the minimum number of boreholes shall meet the requirements in the following table.

Length of Retaining Structure(m)	Maximum Borehole Spacing (m)
Less or equal 100	50
More than 100	75

Boreholes shall be advanced to a depth equal to twice the height of the wall, or refusal, whichever is achieved first.

Recommendations for retaining structures shall include where applicable:

- structure foundations type (shallow or deep)
- lateral and sliding resistances
- assumptions for earth pressure design and conceptual shoring alternatives
- seismic loading and potential for liquefaction
- frost protection
- consideration shall be given to the Retained Soil System (RSS) process including recommendations for geotechnical resistance and sliding resistance and minimum base preparation requirements.

APPENDIX 3: Minimum Requirements
DEEP CUTS AND HIGH FILLS

For deep cut and/or high fill locations, explorations should extend a minimum of 100% of the embankment fill height and 50% of the cut depth below the base of the fill or cut, unless bedrock is encountered, in which case sufficient explorations are required to confirm the bedrock surface.

Boreholes shall be advanced at each end of the fill/cut alignments. The boreholes shall be strategically located, to maximize effectiveness of the subsurface model. Maximum spacing of boreholes shall be 50 m. For road embankment widening, a sufficient number of boreholes shall be advanced through existing embankments to provide information for related design and construction. Boreholes shall extend to refusal as defined by the competent material for which the resistance measured by the Standard Penetration Test exceeds 100 blows per 0.3 m of penetration. Boreholes shall penetrate 3 m into the defined competent material; bedrock coring is not required.

Recommendations for deep cut and high fill embankments shall include where appropriate and applicable:

- stability analysis and foundation recommendations for slope geometry
- settlement analysis
- seismic loading and potential for liquefaction
- requirements for drainage, run-off, erosion protection
- applicability of staged construction, wick drains, lightweight fill, geosynthetic reinforcement and/or Retained Soil System (RSS).

APPENDIX 4: Minimum Requirements
CULVERTS

For culverts, boreholes shall extend either to:

- refusal, as defined by the competent material for which the resistance measured by the Standard Penetration Test exceeds 100 blows per 0.3 m of penetration or
- a minimum of 10m below the culvert invert, provided that sufficient geotechnical resistance is achieved.

A minimum of 1 borehole is required at each end of the proposed culvert.
At each culvert extension, a minimum of 2 boreholes is required, one at the end of the proposed culvert and one at the crest of the embankment.
For culvert replacement, a minimum of 3 boreholes is required, one at each end of the culvert and one at the crest of the embankment.
Recommendations for culverts and culvert extensions shall include, where applicable:

- structure foundations type (shallow or deep)
- lateral and sliding resistances
- seismic loading and potential for liquefaction
- bedding, backfill, backfill transition, cover, inlet seal, inlet erosion control, outlet cut-off, outlet filter, outlet erosion control, and camber
- frost protection
- unwatering and channel diversion during construction.

Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Monday, January 23, 2023 4:06 PM
To: Pilla, Angelo (MTO)
Cc: Newton, Dorin; Mahood, Tom
Subject: [EXTERNAL] RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Thanks Angelo. This is great! I will forward this to our consultant. Once we have draft preliminary drawings, I will send those to you however we will make sure that the comments submitted today are incorporated into the design. We can touch base at that point and see if a meeting is required to discuss this further.

Thanks again,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

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From: Pilla, Angelo (MTO) <Angelo.Pilla@ontario.ca>
Sent: January 23, 2023 11:00 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hello Italia,

As we had discussed over the phone, I am the new Corridor Management Engineer and am available to assist you with this request. As I had noted, I am committed to providing you with an updated organizational chart for my office, once it is completed but for the time being please continue to send the requests to me and I will forward them along for comment.

As we had discussed you had noted you have already had a meeting with MTO where the following items were discussed:

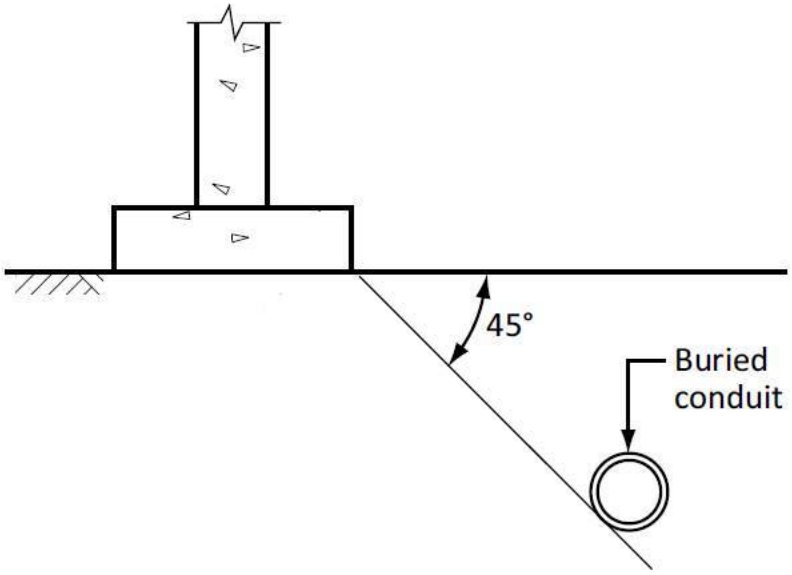
-minimum depth requirements
-crossing as close to 90 degrees as possible
-no permanent access locations within the ROW
-the need for permits

Now that there is a more general alignment you were requesting if we had any further comments.

The roadway isn't shown in much detail in this preliminary design so I am adding some comments in the event it is near an existing structure. For future submissions please provide the pages relevant for MTO review, and in those pages please provide the layers for the highway.

Structural

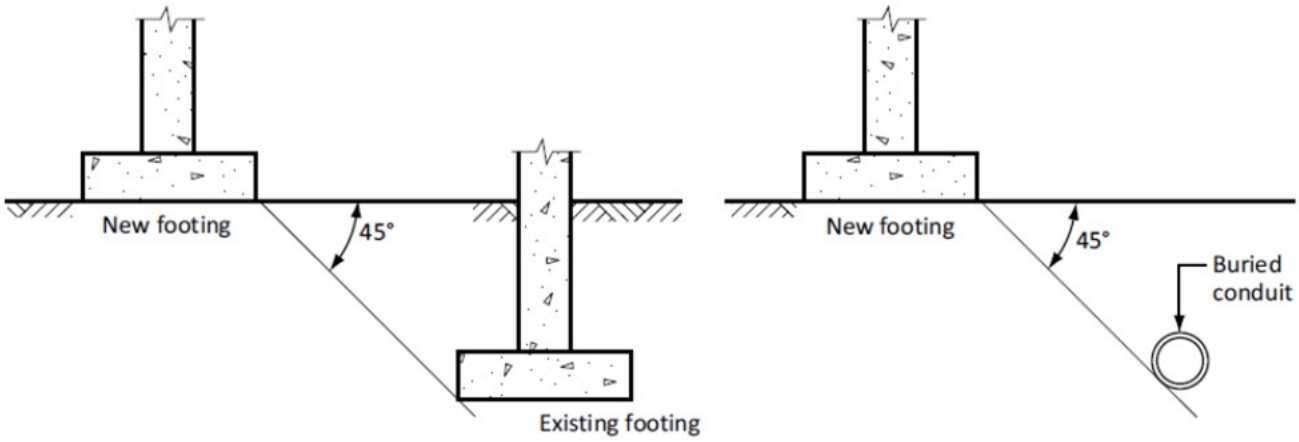
The proposed utility should be outside any bridge's foundation's influence zone.



Foundations

The utility should be offset from any bridge foundations (abutment, pier) an adequate distance to minimize any impacts to the foundations. The adequate distance is typically dictated by the size & depth of the tunnel utility and the type of foundation – shallow (footing) or deep (piles). There is no specific distance in any of our foundation guidelines but there is some guidance in the CHBDC for shallow foundations & utilities:

Figure C6.9
Recommended locations for a new footing
(See Clauses C6.4.2 and C6.10.1.3.)



Corridor

- When is this work proposed to be constructed?
- Pressurized pipes must be lined with steel within MTO ROW, from property line to property line.
- The pipe is to be as close to a right angle (90 degrees) crossing the highway and must run in a straight path from property line to property line.
- Please find the tunnelling guidelines attached for more information regarding geotechnical reports required to further advance the design.
- All work within MTO ROW will require encroachment permits including investigative works

When applying for encroachment permits please attach the following documents with the application:

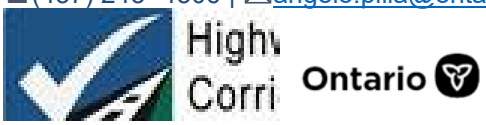
- Detailed Plan Drawings that include setbacks from MTO property line and edge of pavement
- Traffic Control Plans based on OTM Book 7 (if traffic control is required)
- Planned Access Plans to work sites
- Planned dates and estimated time that the project will take
- A scope of work letter, in this letter also include if lanes/shoulder closures are required.

For further information on encroachment permits, please refer to the following link:

http://www.mto.gov.on.ca/english/engineering/management/corridor/encroach.shtml

Thank you,

Angelo Pilla, P.Eng. | Corridor Management Engineer
Ministry of Transportation | Central Operations | Highway Corridor Management Office
159 Sir William Hearst Avenue, 7th Floor | Toronto, Ontario | M3M 1J8
☎(437) 243 -4506 | ✉angelo.pilla@ontario.ca



From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: December 1, 2022 2:20 PM
To: Chabot, Lise (IAO) <Lise.Chabot@ontario.ca>; Zubair, Ayesha (MOI) <Ayesha.Zubair@ontario.ca>; Watt, Heather (MMAH) <Heather.Watt@ontario.ca>; Ma, WanChi (MTO) <WanChi.Ma@ontario.ca>; White, Jason (MTO) <Jason.White@ontario.ca>; Mazzotta, Rob (MTO) <Rob.Mazzotta@ontario.ca>; Kamran.Yousaf@ontario.ca; Wiesek, Marek (MTO) <Marek.Wiesek@ontario.ca>; Della Mora, Dan (MTO) <Dan.DellaMora@ontario.ca>; Martins, Frank (MTO) <Frank.Martins@ontario.ca>; Pilla, Angelo (MTO) <Angelo.Pilla@ontario.ca>; White, Mark J. (EDU) <Mark.J.White@ontario.ca>; Caple, Corey (MPBSD) <Corey.Caple@ontario.ca>; Iannacito, Phil (MTO) <Phil.Iannacito@ontario.ca>; Routledge, Graham (MTO) <Graham.Routledge@ontario.ca>; maria.jawaid@ontario.ca; Belshaw, Kelly (MNRF) <Kelly.Belshaw@ontario.ca>; Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>; Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>; Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>; Hatcher, Laura (MCM) <Laura.E.Hatcher@ontario.ca>; Ros, Darja (MTCS) <Darja.Ros@ontario.ca>; Bell, Trevor (MECP) <Trevor.Bell@ontario.ca>; Janz, Elizabeth (MECP) <Elizabeth.Janz@ontario.ca>; EA Notices to CRegion (MECP) <eanotification.cregion@ontario.ca>; Malcolmson, Heather (MECP) <Heather.Malcolmson@ontario.ca>; Evers, Andrew (MECP) <Andrew.Evers@ontario.ca>; Martin, Paul (MECP) <Paul.D.Martin@ontario.ca>; Dufresne, Tina (MECP) <Tina.Dufresne@ontario.ca>; NoticeReview@infrastructureontario.ca; Davidson, Ainsley (IO) <Ainsley.Davidson@infrastructureontario.ca>; Myslicki, Lisa (IO) <Lisa.Myslicki@infrastructureontario.ca>; Kelly, Tate <Tate.Kelly@infrastructureontario.ca>; noticereview@infrastructureontario.ca; obenjrad@407etr.com; jbooker@407ETR.com; Greene, Robert (TBS) <Robert.Greene@ontario.ca>; Simard, Julie (MNRF) <julie.simard@ontario.ca>; Short, Sam (MNRF) <Sam.Short@ontario.ca>; Scientific Collection Permits Aurora (MNRF) <scp.aurora@ontario.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

We have completed Phase 1-3 of the Municipal Class EA process and have prepared the **draft Environmental Study Report (ESR)**. The draft ESR summarizes the activities undertaken to date through Phases 1-3. The intent of this email is to provide you with the Draft Environmental Study Report for review, and to seek your input and comments.

Please kindly submit comments on the Draft ESR by **Monday January 9, 2023** to italia.ponce@peelregion.ca. To assist the project team in maintaining the project schedule please advise in advance if you are unable to provide comments by this date.
The Draft ESR will be available at the following website:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

We look forward to hearing form you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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the email. Thank you.

Ministry of the Environment, Conservation and Parks

Environmental Assessment Branch

1st Floor
135 St. Clair Avenue W
Toronto ON M4V 1P5
Tel.: 416 314-8001
Fax.: 416 314-8452

Ministère de l'Environnement, de la Protection de la nature et des Parcs

Direction des évaluations environnementales

Rez-de-chaussée
135, avenue St. Clair Ouest
Toronto ON M4V 1P5
Tél. : 416 314-8001
Téléc. : 416 314-8452

January 9, 2023

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning – Water & Wastewater Division
Region of Peel
italia.ponce@peelregion.ca

BY EMAIL ONLY

Re: **Etobicoke Creek Trunk Sewer Improvements and Upgrades**
Region of Peel
Schedule C Municipal Class Environmental Assessment
Draft Environmental Study Report

Dear Ms. Ponce,

The Ministry of the Environment, Conservation and Parks (ministry) has reviewed the draft Environmental Study Report (report) prepared by Jacobs, dated November 2022, for the Schedule C Municipal Class Environmental Assessment for Improvements and Upgrades to the Etobicoke Creek Trunk Sewer (project) in the City of Brampton and the City of Mississauga.

The purpose of the project was to identify, develop, and implement a solution to provide additional trunk sewer capacity to meet forecasted growth needs while addressing existing sewer operation and maintenance issues.

We understand that the preferred solution is the Deep Trunk Alternative (Alternative 4). The preferred solution involves Microtunnel Boring Machine construction method for Segments 1, 2, and 3, while open-cut is the recommended construction method for Segment 4.

We have no technical concerns at this time and we offer the following comments:

Source Water Protection

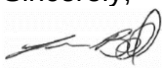
1. The report indicates that the study area is upstream of an Event Based Area, and that the study area contains Highly Vulnerable Aquifers. Please identify and document measures to mitigate potential adverse impacts to these features as a result of the risks identified in Section 8.4.4.

Consultation with Indigenous Communities

2. Please provide the First Nations Engagement Plan and communications log in Appendix A for our review.

Thank you for the opportunity to review the report. Please feel free to contact me directly at (437) 770-3731 or trevor.bell@ontario.ca with any questions you may have.

Sincerely,



Trevor Bell
Regional Environmental Planner
Project Review Unit

Cc: Gavin Battarino, Supervisor, Project Review Unit, EAB, MECP
Tina Dufresne, Manager, Halton-Peel District Office, MECP
Dorin Newton, Engineering Associate, Jacobs

Newton, Dorin

From: Bell, Trevor (MECP) <Trevor.Bell@ontario.ca>
Sent: Monday, January 9, 2023 2:28 PM
To: Ponce Vanelli, Italia
Cc: Battarino, Gavin (MECP); Dufresne, Tina (MECP); Newton, Dorin
Subject: [EXTERNAL] Etobicoke Creek Trunk Sewer Improvements and Upgrades
Attachments: MECP Comments_draft ESR_Etobicoke Creek Trunk Sewer Improvements and Upgrades.pdf

Good afternoon,

Please find attached a letter from the Ministry of the Environment, Conservation and Parks, Environmental Assessment Branch, regarding the above mentioned project. Feel free to contact me directly with any questions or concerns you may have.

Sincerely,

Trevor Bell | Regional Environmental Planner
Project Review Unit, Environmental Assessment Branch
Ministry of the Environment, Conservation and Parks
5775 Yonge Street, 8th floor, Toronto ON, M2M 4J1
New Phone: 437-770-3731 | trevor.bell@ontario.ca

From: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>
Sent: January 9, 2023 10:16 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades [MCM File 0010802]

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hi Italia,
Please see our comments attached.
Relatedly, would it be possible to send us the CHRA documents (from Appendix C2) as regular attachments? I was able to view them on DropBox but the copies I downloaded wouldn't open.

Dan Minkin | Heritage Planner
Ministry of Citizenship and Multiculturalism
Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit
T. 416. 786.7553 | Email: dan.minkin@ontario.ca

New : Effective October 17, 2022, units responsible for cultural heritage matters have been transferred from the Ministry of Tourism, Culture and Sport (MTCS) to the Ministry of Citizenship and Multiculturalism (MCM). Responsibility for the Ontario Heritage Act and associated Provincial functions is now held by MCM. Individual staff roles and contact information remain unchanged.

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: December-01-22 2:20 PM
To: Chabot, Lise (IAO) <Lise.Chabot@ontario.ca>; Zubair, Ayesha (MOI) <Ayesha.Zubair@ontario.ca>; Watt, Heather (MMAH) <Heather.Watt@ontario.ca>; Ma, WanChi (MTO) <WanChi.Ma@ontario.ca>; White, Jason (MTO) <Jason.White@ontario.ca>; Mazzotta, Rob (MTO) <Rob.Mazzotta@ontario.ca>; Kamran.Yousaf@ontario.ca; Wiesek, Marek (MTO) <Marek.Wiesek@ontario.ca>; Della Mora, Dan (MTO) <Dan.DellaMora@ontario.ca>; Martins, Frank (MTO) <Frank.Martins@ontario.ca>; Pilla, Angelo (MTO) <Angelo.Pilla@ontario.ca>; White, Mark J. (EDU) <Mark.J.White@ontario.ca>; Caple, Corey (MPBSD) <Corey.Caple@ontario.ca>; Iannacito, Phil (MTO) <Phil.Iannacito@ontario.ca>; Routledge, Graham (MTO) <Graham.Routledge@ontario.ca>; maria.jawaid@ontario.ca; Belshaw, Kelly (MNRF) <Kelly.Belshaw@ontario.ca>; Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>; Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>; Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>; Hatcher, Laura (MCM) <Laura.E.Hatcher@ontario.ca>; Ros, Darja (MTCS) <Darja.Ros@ontario.ca>; Bell, Trevor (MECP) <Trevor.Bell@ontario.ca>; Janz, Elizabeth (MECP) <Elizabeth.Janz@ontario.ca>; EA Notices to CRegion (MECP) <eanotification.cregion@ontario.ca>; Malcolmson, Heather (MECP) <Heather.Malcolmson@ontario.ca>; Evers, Andrew (MECP) <Andrew.Evers@ontario.ca>; Martin, Paul (MECP) <Paul.D.Martin@ontario.ca>; Dufresne, Tina (MECP) <Tina.Dufresne@ontario.ca>; NoticeReview@infrastructureontario.ca; Davidson, Ainsley (IO) <Ainsley.Davidson@infrastructureontario.ca>; Myslicki, Lisa (IO) <Lisa.Myslicki@infrastructureontario.ca>; Kelly, Tate <Tate.Kelly@infrastructureontario.ca>; noticereview@infrastructureontario.ca; obenjrad@407etr.com; jbooker@407ETR.com; Greene, Robert (TBS) <Robert.Greene@ontario.ca>; Simard, Julie (MNRF) <julie.simard@ontario.ca>; Short, Sam (MNRF) <Sam.Short@ontario.ca>; Scientific Collection Permits Aurora (MNRF) <scp.aurora@ontario.ca>

Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

We look forward to hearing form you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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recipient or have received this e-mail in error, please notify the sender via return email and permanently delete all copies of
the email. Thank you.

Ministry of Citizenship and Multiculturalism (MCM)

Archaeology Program Unit
Heritage Branch
Citizenship, Inclusion and Heritage Division
5th Floor, 400 University Ave.
Toronto ON M7A 2R9
Tel.: (437) 339-8882
Email: Melissa.Wallace@ontario.ca

Ministère des Affaires civiques et du Multiculturalisme (MCM)

Unité des programme d'archéologie
Direction du patrimoine
Division de la citoyenneté, de l'inclusion et du patrimoine
5e étage, 400 ave. University
Toronto ON M7A 2R9
Tél. : (437) 339-8882
Email: Melissa.Wallace@ontario.ca

Mar 5, 2023

Blake Williams (P383)
ASI Archaeological and Cultural Heritage Services
528 Bathurst Toronto ON M5S2P9

RE: Review and Entry into the Ontario Public Register of Archaeological Reports: Archaeological Assessment Report Entitled, "Stage 1-2 Archaeological Assessment Etobicoke Creek Trunk Sewer Improvements and Upgrades, Part of Lots 13-14, Concession 2 East of Centre Road; Lots 11-12, Concession 3 East of Centre Road; and Lot 11, Concession 4 East of Centre Road (Former Township of Toronto, County of Peel), Cities of Brampton and Mississauga, Regional Municipality of Peel, Ontario", Dated Jan 17, 2023, Filed with MCM Toronto Office on Jan 19, 2023, MCM Project Information Form Number P383-0332-2022, P383-0271-2021, MCM File Number 0012422

Dear Mr. Williams:

This office has reviewed the above-mentioned report, which has been submitted to this ministry as a condition of licensing in accordance with Part VI of the *Ontario Heritage Act*, R.S.O. 1990, c 0.18.[1] This review has been carried out in order to determine whether the licensed professional consultant archaeologist has met the terms and conditions of their licence, that the licensee assessed the property and documented archaeological resources using a process that accords with the 2011 *Standards and Guidelines for Consultant Archaeologists* set by the ministry, and that the archaeological fieldwork and report recommendations are consistent with the conservation, protection and preservation of the cultural heritage of Ontario.

The report documents the assessment of the study area as depicted in Figure 11-20 of the above titled report and recommends the following:

In light of these results, the following recommendations are made:

1. The Etobicoke Creek Trunk Sewer Improvements and Upgrades Study Area does not require further archaeological assessment; and

2. Should the proposed work extend beyond the current Study Area, or should changes to the project design or temporary workspace requirements result in the inclusion of previously un-surveyed lands, these lands should be subject to a Stage 2 archaeological assessment.

Based on the information contained in the report, the ministry is satisfied that the fieldwork and reporting for

the archaeological assessment are consistent with the ministry's 2011 *Standards and Guidelines for Consultant Archaeologists* and the terms and conditions for archaeological licences. This report has been entered into the Ontario Public Register of Archaeological Reports. Please note that the ministry makes no representation or warranty as to the completeness, accuracy or quality of reports in the register.

Should you require any further information regarding this matter, please feel free to contact me.

Sincerely,

Melissa Wallace
Archaeology Review Officer

cc. Archaeology Licensing Officer
Dorin Newton ,Jacobs
Italia Ponce ,Region of Peel

[1] *In no way will the ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report(s) or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or the Report(s) is otherwise found to be inaccurate, incomplete, misleading or fraudulent.*

Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:20 PM
To: lise.chabot@ontario.ca; ayesha.zubair@ontario.ca; heather.watt@ontario.ca; wanchi.ma@ontario.ca; jason.white@ontario.ca; Rob.Mazzotta@ontario.ca; Kamran.Yousaf@ontario.ca; Marek.Wiesek@ontario.ca; Dan.DellaMora@ontario.ca; Frank.Martins@ontario.ca; Angelo.Pilla@ontario.ca; Mark.j.white@ontario.ca; corey.caple@ontario.ca; phil.iannacito@ontario.ca; graham.routledge@ontario.ca; maria.jawaid@ontario.ca; kelly.belshaw@ontario.ca; karla.barboza@ontario.ca; dan.minkin@ontario.ca; joseph.harvey@ontario.ca; Hatcher, Laura (MHSTCI); darja.ros@ontario.ca; Bell, Trevor (MECP); elizabeth.janz@ontario.ca; eanotification.cregion@ontario.ca; heather.malcolmson@ontario.ca; andrew.evers@ontario.ca; paul.d.martin@ontario.ca; tina.dufresne@ontario.ca; NoticeReview@infrastructureontario.ca; ainsley.davidson@infrastructureontario.ca; Myslicki, Lisa (IO); tate.kelly@infrastructureontario.ca; noticereview@infrastructureontario.ca; obenjrad@407etr.com; jbooker@407ETR.com; robert.greene@ontario.ca; julie.simard@ontario.ca; Sam.Short@ontario.ca; scp.aurora@ontario.ca
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

We have completed Phase 1-3 of the Municipal Class EA process and have prepared the **draft Environmental Study Report (ESR)**. The draft ESR summarizes the activities undertaken to date through Phases 1-3. The intent of this email is to provide you with the Draft Environmental Study Report for review, and to seek your input and comments.

Please kindly submit comments on the Draft ESR by **Monday January 9, 2023** to italia.ponce@peelregion.ca. To assist the project team in maintaining the project schedule please advise in advance if you are unable to provide comments by this date.
The Draft ESR will be available at the following website:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

We look forward to hearing form you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel

10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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recipient or have received this e-mail in error, please notify the sender via return email and permanently delete all copies of
the email. Thank you.

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Friday, December 11, 2020 11:48 AM
To: Smith, Chris
Cc: Newton, Dorin/TOR; Jones, Lee Anne/TOR
Subject: [EXTERNAL] RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA
Attachments: ECTS_DraftEvalShortList_CRF_RoPComments_Responses (002).pdf

Hi Chris
How are you? I hope all is well. Thank you so much for sending these, these are great comments and many of them will be addressed in the next phase of the EA where we go into the alternative design options of the preferred solution. The accessibility for the preferred route is still an issue that will need to be addressed as part of property acquisition and design. However the Kennedy road alternative limits the flexibility to divert flows either east or west as it would only allow flows to be sent to Clarkson. One of the main objectives for our wastewater system. We are working with Nicholas Group (RTC team), Hong and the Capital Works to make sure that the connection points to the E-W merge with their design. I have also added a table that have addressed some of the issues brought forth by members of the project team. I have also copied Jacobs so that we can add your comments to the comments log.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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Region of Peel
working with you

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From: Smith, Chris <chris.smith@peelregion.ca>
Sent: December 9, 2020 3:21 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Smith, Chris <chris.smith@peelregion.ca>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hey Italia,

I reviewed the powerpoint presentation and see that the Deep Trunk is the preferred option presented.

- Will this trunk be designed with storage capacity in mind as well as conveyance? Was a larger size of pipe considered to maximize storage capacity and are gates being strategically at the downstream end for the purposes of storage.
- Future accessibility is always a big ticket item in my mind and the k
- Kennedy alignment is in the current ROW and outside the Valleylands. Is OPS and other stakeholder groups like Capital and CA&R ok with this?
- Where will the permanent access points be located, and besides access to surface will these sites have permanent access roads that can accommodate future O&M equipment and staging requirements. And if not within current ROW is the TRCA agreeable to have permanent access roads left as well as official permanent easements for these items.
- How will the chambers be protected from overland and riverine flooding impacts.
- What is the proposed spacing between the permanent access points.
- Have gates and configuration of chambers been considered at the upstream end to facilitate removal of flows form this trunk in case future O&M is needed?
- Will modifications to the current design of the E-W need to be considered as the original design indicated a pre-service for this sewer at Kennedy? This is more to do with current diversion chamber configurations and the possible need for increased hydraulic analysis as the original flows might not have considered this increased flow at the new point of connection.

Some of these items might have already been vetted through your process and stakeholder engagement. I was not a part of that for the most part but remember some discussions a while back about the need for this twinning, so am basing my comments on seeing the presentation materials as they are now.

Hope that this might provide some assistance and food for thought.

Thank you.

Chris Smith

Project Manager, Business Strategy and Improvement, Wastewater
Public Works
Region of Peel
10 Peel Centre Dr., Suite A, 4th Floor
Brampton, ON L6T 4B9
Tel: 905-791-7800, ext 2119
Cell: 416-807-3513

Region of Peel
working with you

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: November 26, 2020 5:50 PM
Cc: ponceitalia@gmail.com
Subject: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Dear Region of Peel Stakeholders,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified a preliminary

preferred alternative and would like to confirm this with input from the public and stakeholders. Please see attached Notice for details on how to access the Region's Online Public Engagement material.

Please direct any comments to me. Comments will be received until December 11, 2020. However if you wish to meet or obtain additional information, or would like clarification on the material presented, please feel free to call me or email me.

Best Regards,

Italia Ponce, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 4583
italia.ponce@peelregion.ca

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Newton, Dorin/TOR

From: Smith, Chris <chris.smith@peelregion.ca>
Sent: Friday, December 11, 2020 12:23 PM
To: Ponce Vanelli, Italia
Cc: Newton, Dorin/TOR; Jones, Lee Anne/TOR
Subject: [EXTERNAL] RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi Italia,

All is good around here with all things considered. Looks like some bright lights ahead for us all with the recent developments regarding the war on Covid. Hope you and your family are doing well as well as the Jacobs team and their families..

Thank you for giving me the chance to review and provide comments. I did have a chance to speak to Anthony about this and he was able to relay his high level vision regarding the alignment. Thank you for the consideration of my comments and providing me the table for review (which I have done). My involvement and current knowledge regarding this project might be a little dated so I apologise if some of my comments reflect that.

Looking forward to the next phases and subsequent engagement opportunities.

Chris Smith
Project Manager, Business Strategy and Improvement, Wastewater
Public Works
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10 Peel Centre Dr., Suite A, 4th Floor
Brampton, ON L6T 4B9
Tel: 905-791-7800, ext 2119
Cell: 416-807-3513



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Sent: December 11, 2020 11:48 AM
To: Smith, Chris <chris.smith@peelregion.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
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Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
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Chris Smith
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Sent: November 26, 2020 5:50 PM
Cc: ponceitalia@gmail.com
Subject: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Dear Region of Peel Stakeholders,

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Please direct any comments to me. Comments will be received until December 11, 2020. However if you wish to meet or obtain additional information, or would like clarification on the material presented, please feel free to call me or email me.

Best Regards,

Italia Ponce, P.Eng.
Project Manager
Region of Peel
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italia.ponce@peelregion.ca

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Client Review Form (CRF)

Client/Project: Region of Peel - Etobicoke Creek Trunk Sewer Improvements and Upgrades
Schedule 'C' Municipal Class EA
Project No.: CE731700
Work Product: Draft Evaluation of the Short List of Alternatives
Date: September 21, 2020 | Response Date:
Comment By: Region of Peel | Response By: Jacobs

Item	Reference	Comments	Response	Action Required:
1	Evaluation Matrix	The matrix is very wordy. The amount of information becomes overwhelming and hard process.	Summary statements provided for each type of criterion.	None
2	Evaluation Matrix	There needs to be a column where the interpretation of each criteria is summarized. As well as the thinking behind the score.	Column added to identify Main Considerations for scoring	None
3	Evaluation Matrix	Why is the criteria or the information given important? How does it impact or benefits that options?	See comment above	None
4	Evaluation Matrix	Under each criteria type, there needs to be at a summary/interpretation of the overall score i.e. Overall Technical, Overall natural environment, etc.	Summary added	None
5	Evaluation Matrix	The evaluation matrix needs to be designed with the public as a target audience. The information is great to have if agencies require hard facts but it can become overwhelming even for a technical audience.	This evaluation table was designed for the internal project team in mind so that all available information could be provided. It will be further refined for public consultation.	In Progress
6	Evaluation Matrix	Avoid acronyms	Agreed	None
7	Evaluation Matrix	Include property acquisition issues, it is not enough to say that there are a number of properties affected without putting some context that speaks about the owners. For example the city of Brampton might be more willing to grant us an easement through the CAA lands based on discussion with them and the need for this project than MTO or other agencies such as TRCA or City of Mississauga. Which owners can be showstoppers on each of the alternatives based on experience and/or discussion with them? Where will the shaft locations be for the alternatives that require shafts?	Property owners were removed for privacy issues; this has since been expanded to categorize the types of owners who would be invovled in easement agreements. Detailed summary can be categorized and provided in an offline document.	TBC
8	Evaluation Matrix	With respect to reliability/effectiveness/flexibility criteria, what does it mean for each alternative? i.e. flexibility, will we be able to transfer flows to GE Booth and Clarkson? Does it affect that flexibility and how if we choose that alternative. For all these criteria and others, the information presented needs to be interpreted. What does freeboard means to the public? Why do they care? how does that data makes the alternative less likely or more likely to be chosen as the preferred one? Interpret the facts for us.	Additional details provided, along with description of Main Considerations in evaluation	None
9	Alignments	Alignment: why is there a need to follow the existing zig-zag alignment (EC and CAA alternatives); this introduces several directional changes and may not be the best from a hydraulics standpoint when we can just connect point A-B.	The strategy for these alternatives is to remove the sewer, where possible, from the creek valley to minimize impact on environment and improve accessibility for maintenance. The deep sewer alternative was developed, in part, to provide a more direct alignment for comparison. (Refer to February, 2020 description of alternatives)	None
10	Alignments	With respect to the alternatives/alignments, are the drops necessary, the answer tot his questions needs to include the viability of the alignment.	The drops are necessary to avoid steep slopes and velocities exceeding the maximum velocity criteria, and in some locations, such as highway crossings to provide sufficient depth for tunnelling. There would be opportunity for additional optimization of slopes during preliminary and detailed design stages, if this alternative were selected as the preferred alignment.	None

Item	Reference	Comments	Response	Action Required:
11	Alignments	Future Connection Opportunities (Flexibility) – maintaining a deeper alignment allows for more flexibility in terms of grades and inverts. If the trunk is kept high, as it is with some of the other alignments, future deeper U/S sewers may not be able to tie in.	Agreed - the shallower alignments do not provide the same opportunity for connection of future undefined growth areas. Deeper alignments do provide greater flexibility, however, to be weighed against impact on operation of EWD.	None
12	Alignments	Potential Storage Opportunities – a deeper trunk system allows for upsizing to store flows and offers an opportunity to include this as a storage/RTC device. No sense in wasting an opportunity in my opinion.	Refer to February presentation of strategies/ alternatives. As storage was not identified as a primary driver, alternatives were developed to meet enhanced growth criteria, for comparison purposes. Opportunity exists during pre-design/ detailed design to assess cost/benefit of over-sizing.	None
13	Alignments	Bypass for Rehabilitation – assume all alternatives are coupled with follow-up rehabilitation of the existing twin trunks by the Condition Assessment &Rehabilitation team. Provisions need to be made for easy bypass set-up so that when we mobilize, we can easily divert all flows to the new or other sewer – plan for this now.	Agreed - all alternatives allow for diversion of flow to permit rehab of existing sewer. Implementaion needs for required upgrades will be assessed during Phase 3 of the EA and Preliminary Design.	Phase 3
14	Alignments	Highway 407 ETR Crossing – double check the allowable crossing angle of the highway. On Highway 401, MTO allowed for a non-90 degree crossing so there is some precedent, but this should be verified during the EA. In terms of location, consider crossing at the same location as the existing twin trunks for ease of property. This makes it easier and more convenient to access our pipes as well. Make sure MHs are well clear of the highway property + buffer for future widening.	Alignment refinements to be confirmed during Phase 3. MTO prefers 90 Degree crossing but they will entertain a crossing close to 90 Degree. Reply from IO is pending.	Phase 3
15	Alignments	Kennedy and the Deep Trunk alternatives avoid several deep drop structures/vortex chambers, which can be problematic and less preferred than deep, straight runs.	Agreed - depth of EWD at Derry Road and Kennedy Sewer is 40 m below grade. Matching this elevation at the downstream end would necessitate the construction of deep vortex chambers for connection of the existing Biscayne extension and future CAA connection. The new sewer inverts has been identified to minimize deep vortex chambers while still providing servicing of future growth areas. Opportunity exists during detailed design to further deepen, should details on Ultimate growth conditions warrant.	Preliminary Design
16	Alignments	It is not very clear whether or not Kennedy STS can convey flows to both GE Booth and Clarkson WWTPs.	Kennedy STS cannot divert flows to GE Booth. It can flow only to Clarkson. This is considered in the evaluation criteria.	None
17	Alignments	Based on the information presented it is not clear if the current proposed trunk sewers for both options Kennedy and Deep trunk sewer are deep enough. At Derry Rd connection, the new trunk should match the invert of EWT. Jacobs did mention the inverts of Kennedy option to be adjusted which it is interpreted as this trunk could go deeper.	See note above re: avoidance of deep vortex chambers. Matching invert at Derry would require construction of deep vortex chambers to service Biscayne and CAA. Final inverts could be adjusted based on confirmed geotechnical conditions and details on Ultimate servicing conditions. Deep Trunk Alignment matches the invert of the existing twin trunks; if it matches the EWD STS Site 2 inverts, flows will not be able to go east and will be constrained to flowing west..	None
18	Plan & Profile	If Jacobs is providing plan and profiles, then information pertinent to each alternatives needs to be included in the plan and profile drawings. It is not enough to include just the bare minimum information as this doesn't paint the entire picture. This is information that has already been obtained, it just needs to shown graphically. For example, slopes, ,MH locations, creek crossings, connections to other sewers and E-W diversion. At reference points list elevations at major drops…distinguish from shaft locations!	Profile will be developed for preferred alternative for presentation to the public/agencies and include relevant information	In Progress

Item	Reference	Comments	Response	Action Required:
19	Plan & Profile	Show or highlight the properties that will be affected on the maps, this doesn't have to include the names in the information we present to the public but it is ok to present to region staff to paint a complete picture.	Will be included in the plan and profiles for readability.	In Progress
20	Plan & Profile	Show archeological/cultural & heritage areas that are critical as well as natural environment.	Will be included.	In Progress
21	Plan & Profile	Graphics/maps need to be improved. The region would recommend including in the project team a CAD designer/ graphic artist that can take large number of data and present it in a clean, legible and aesthetically pleasing format as this will be key in the information we present to the public and to the agencies.	CAD designers and graphic designers will be engaged when preparing public consultation material. Jacobs Digital Consultation Experts are engaged in developing materials suitable for the online format now proposed.	In Progress
22	Process	For presentation to larger group, stakeholders or public, we need to present the information in way that it tells a story. How we went from a long list of alternatives to now? What was the thought process? Again, graphically it would help to have a CAD/graphic designer	Draft presentation will be prepared, for review, pending internal confirmation of preferred alternative.	In Progress
23	Process	What were the studies that were undertaken? Show maps that show results of these investigations and how they impact alternatives? If these needs to be separated so that not so busy then, 4 maps should be created.	Summary maps of natural features and archaeology assessments are being drafted for Phase 2 report and will be provided for review.	In Progress
24	Process	Why aren't we combining alternatives? Why cant we do a deep tunnel to a certain point and then a combinations of alternative 1? This needs to be shown when telling the story of how we arrived to the where we are now because if not, questions about why we didn't considered another permutation of an alternative will be asked.	Refer to February presentation for development of strategies/ alternatives and variable options considered in the screening stage. The evaluation is based on the short listed alternatives confirmed with Region in April, 2020.	None
25	Process	Since the PIC boards, need to be prepared ahead of time and will require Region review, templates and information should be submitted to the Region ahead of time.	Agreed - Jacobs Digital Consultation Experts are engaged in developing materials suitable for the online format now proposed and will be provided to Region for review.	In Progress
26	Process	Attached is a copy of the boards that was presented in one of our recent PICs. We would like Jacobs to follow this format very closely (refer to graphics and presentation of data) as we had success with this approach and was well received by the public, staff and other agencies. Therefore we would highly recommend that Jacobs starts working on the PIC boards templates as this will take some time to prepare.	See comment above.	In Progress

From: Ponce Vanelli, Italia
Sent: June 7, 2022 2:36 PM
To: Lobo, Sarah <sarah.lobo@peelregion.ca>
Subject: RE: Etobicoke Creek trunk sewer EA - PrePIC 2 meeting with Region of Peel team

Thanks Sarah for your comments.
Attached is a presentation we gave Anthony about the alignments during PIC 1 when we selected the preferred alternative solution. Slide 25 shows the rational for the selection of the deep trunk. The major reason for not selecting Kennedy although it is the easiest to construct is that it limits the capacity of the East West Diversion sewer and does not allow future flexibility to divert flows. It will all go to Clarkson. Flexibility to divert flows was one of the main objectives for this project.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
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From: Lobo, Sarah <sarah.lobo@peelregion.ca>
Sent: June 1, 2022 5:00 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Etobicoke Creek trunk sewer EA - PrePIC 2 meeting with Region of Peel team

Hey Italia,

Im sure this was discussed, but could I get the rationale behind the selection of the alignment running along the creek versus the Kennedy road option? For me, its not obvious why we would want to run adjacent to the creek.

Evaluation of Alternatives

Region of Peel
working with you

Category	Evaluation Criteria	Etobicoke Creek	CAA Lands	Kennedy Road	Deep Trunk
Technical Considerations	• Implementation Feasibility • Permits and Approvals • Reliability • Effectiveness • Compatibility with Existing Infrastructure • Maximize Lifecyle Investment • Flexibility • Operational Accessibility	○	◐	◐	●
Natural Environment	• Terrestrial Systems • Aquatic Systems • Soil Contamination • Hydrogeology and Surface and Groundwater • Soil, Bedrock and Geology	○	◐	●	◐
Socio-Cultural Environment	• Recreational Land Uses and Visual Landscape • Future Planning Policies/Initiatives • Disruption During Construction • Archaeological and Cultural Resources	◐	○	◐	●
Economic Factors	• Capital Cost • Operation and Maintenance	●	◐	○	◐
Alternative Ranking		4	3	2	**1**

Most Impacts/ Least Benefits ○ Least Preferred

Moderate Impacts/ Moderate Benefits ◐ Moderately Preferred

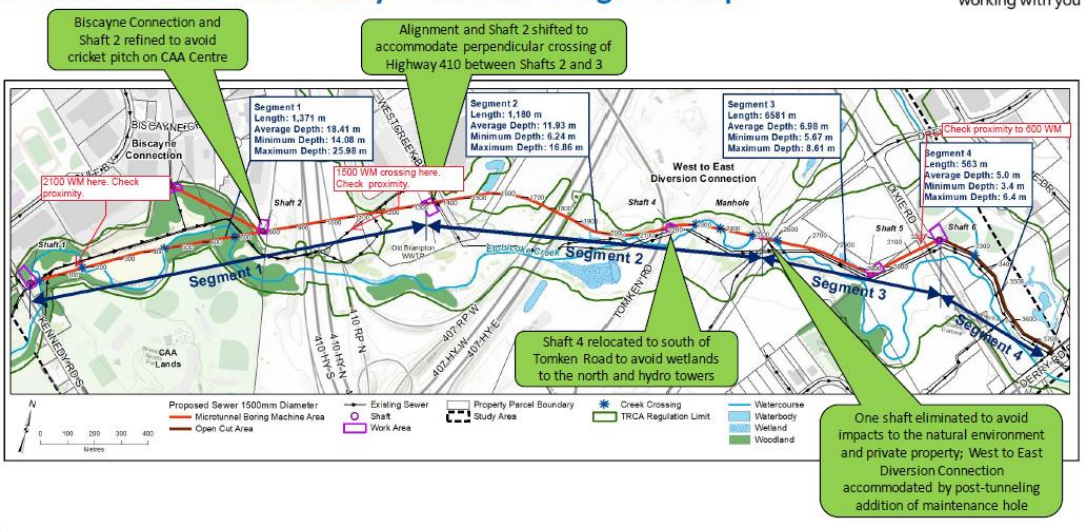
Least Impacts/ Most Benefits ● Most Preferred

11

Also, we should check to make sure we have no conflicts with the watermain crossings in the area. I have pointed out some of our deeper ones

Phase 3: Refined Preliminary Preferred Design Concept

Region of Peel
working with you



35

Happy to chat about this with you and your project team.

Thanks!

Sarah

From: LeDrew, Lyle <lyle.ledrew@peelregion.ca>
Sent: June 1, 2022 9:01 AM
To: Lobo, Sarah <sarah.lobo@peelregion.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: FW: Etobicoke Creek trunk sewer EA - PrePIC 2 meeting with Region of Peel team

Sarah,

I've got a new assignment for you!

Please refer to the attached information in Italia's email below. This one's in EA stage but you will be assuming this project as it transitions to capital.

Best to start getting familiar with this one early 😊 And if you do have any questions or comments on the EA, I'm sure Italia will accept them following the June 1st request deadline (thanks Italia).

Lyle

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: May 17, 2022 2:38 PM
To: Puri, Ajay <ajay.puri@peelregion.ca>; Gan, Nicholas <nicholas.gan@peelregion.ca>; Borowiec, Laura <laura.borowiec@peelregion.ca>; Polga, Miriam <miriam.polga@peelregion.ca>; LeDrew, Lyle <lyle.ledrew@peelregion.ca>; Zhu, Hong <hong.zhu@peelregion.ca>; Motamedi, Kolsoom <kolsoom.motamedi@peelregion.ca>; Bennington, Dan <dan.bennington@peelregion.ca>; Oldford, Steven <steven.oldford@peelregion.ca>; Pendlebury, Martin <martin.pendlebury@peelregion.ca>; Lee, Justin <Justin.Lee@peelregion.ca>
Cc: Pitura, Andrea <andrea.pitura@peelregion.ca>; Bandehali, Sogol <sogol.bandehali@peelregion.ca>; Radman, Lesley <lesley.radman@peelregion.ca>; McDonald, Brad <brad.mcdonald@peelregion.ca>
Subject: RE: Etobicoke Creek trunk sewer EA - PrePIC 2 meeting with Region of Peel team

Hello everyone
Thanks for attending the in-TAC meeting on the Etobicoke Creek trunk sewer improvement and upgrades and providing us with your comments on the material presented at the meeting. Attached is the material for further review. Please provide me with your comments by June 1.
Thanks,

Thanks,

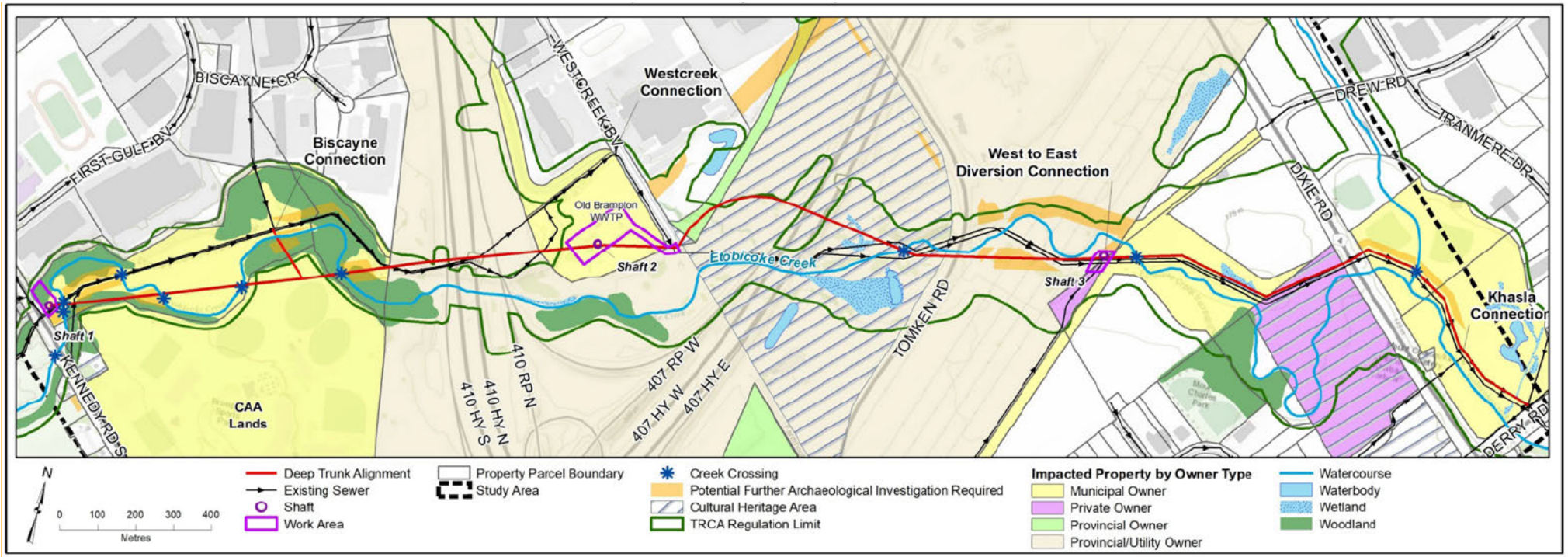
Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9

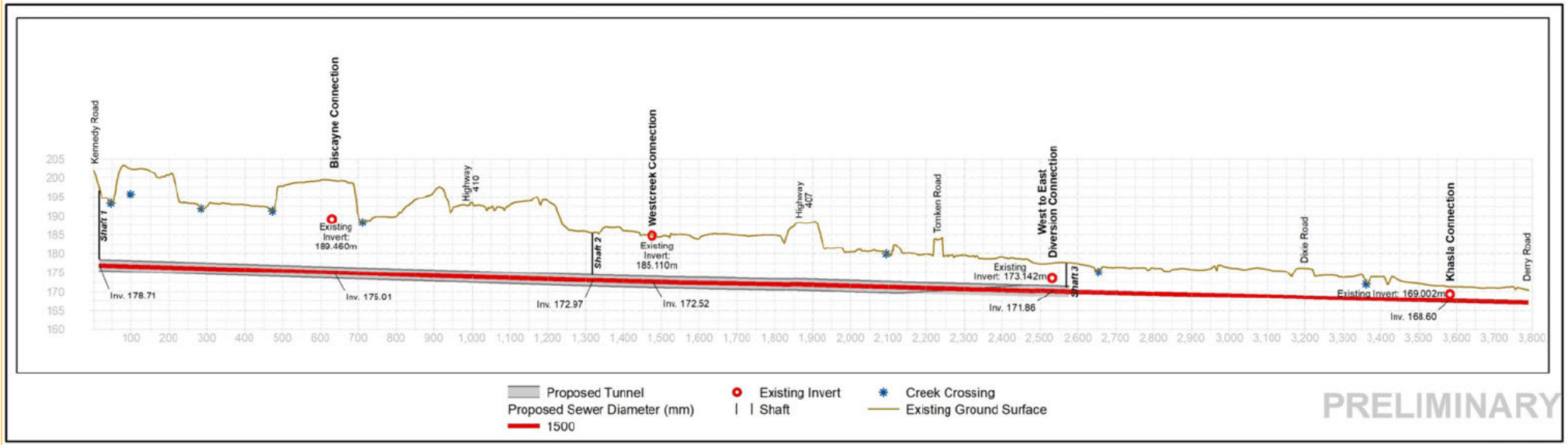
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

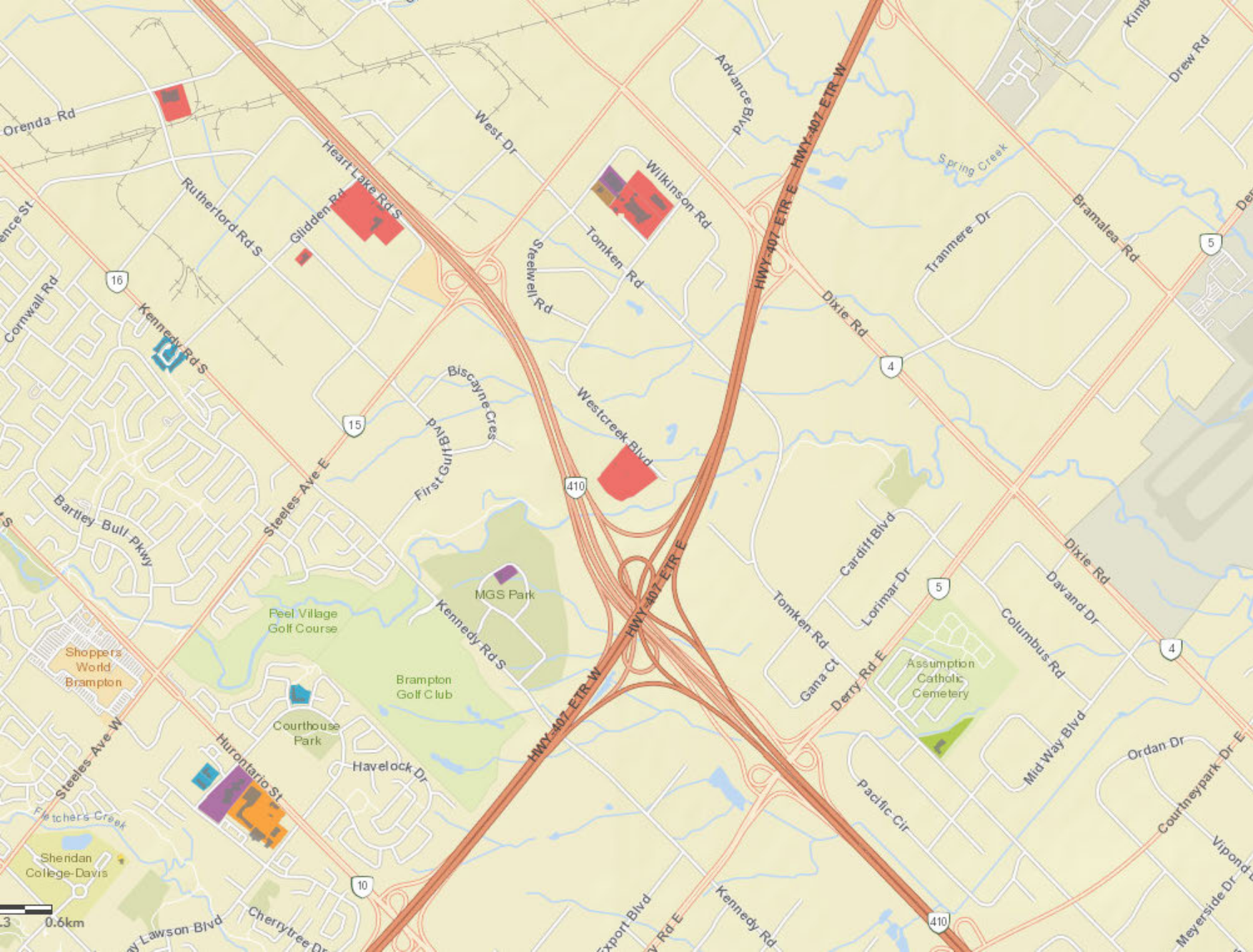


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Deep Trunk Alignment






Orenda Rd
Heart Lake Rd S
Rutherford Rd S
Glidden Rd
West Dr
Advance Blvd
Wilkinson Rd
Spring Creek
Drew Rd
Tomken Rd
Streetsville Rd
HWY-407-ETR-E
HWY-407-ETR-W
Tranmere Dr
Bramalea Rd
Dixie Rd
Cornwall Rd
Kennedy Rd S
Biscayne Cres
First Gulf Blvd
Westcreek Blvd
Steeles Ave E
Bartley Bull Pkwy
MGS Park
Peel Village Golf Course
Kennedy Rd S
Brampton Golf Club
Shoppers World Brampton
Courthouse Park
Hurontario St
Havelock Dr
Steeles Ave W
Fletchers Creek
Sheridan College-Davis
Cherrytree Dr
Cardiff Blvd
Lorimar Dr
Davand Dr
Columbus Rd
Tomken Rd
Gana Ct
Derry Rd E
Assumption Catholic Cemetery
Mid Way Blvd
Ordan Dr
Courtneypark Dr E
Pacific Cir
Export Blvd
Kennedy Rd
Meyerside Dr
16
15
410
5
4
10
0.6km

Newton, Dorin/TOR

From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: Wednesday, December 2, 2020 7:45 AM
To: Ponce Vanelli, Italia
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi Italia,
Please see the timing of the projects in the email below. Any additional information would be appreciated so that accuracy in timing can be programmed appropriately.

Thanks,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & StudiesI
Transportation Division
Public Works, Region of Peel
Tel: 905-791-7800 x7794
Asha.Saddi@peelregion.ca

Region of Peel
working with you
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From: Lee, Anna (Public Works) <anna.lee2@peelregion.ca>
Sent: November 30, 2020 10:29 AM
To: Saddi, Asha <asha.saddi@peelregion.ca>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi Asha, these are projects we have programmed in the overlap areas:

20-4690, Dixie Rd Road Reconstruction from north of Derry to Steeles, construction 2021/2022, PM Nabiel Matta

- Timing doesn't overlap but depending on the trunk sewer improvements in this area, we should minimize throw away costs

22-XXXX, Kennedy Road Resurfacing from Steeles to Queen, construction 2023, PM TBD

- This project would only overlap at the intersection of Kennedy/Steeles

Also, which website should I look at for more details? I've checked the link below but there is only a general map.
https://www.peelregion.ca/pw/water/environ-assess/pdf/EA-etobicoke-creek-trunk-sewer.pdf

Thanks,
Anna

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Monday, December 7, 2020 4:52 PM
To: Newton, Dorin/TOR; Jones, Lee Anne/TOR
Subject: [EXTERNAL] FW: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA
Attachments: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

FYI

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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From: Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>
Sent: December 4, 2020 1:34 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Matta, Nabiel <nabiel.matta@peelregion.ca>; Tabieh, Nour Al-Huda <nour.tabieh@peelregion.ca>; Saddi, Asha <asha.saddi@peelregion.ca>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Thanks again Italia. We would prefer that the portion under Dixie be tunnelled.

Regards,
Sandy

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: December 4, 2020 1:26 PM
To: Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>
Cc: Matta, Nabiel <nabiel.matta@peelregion.ca>; Tabieh, Nour Al-Huda <nour.tabieh@peelregion.ca>; Saddi, Asha <asha.saddi@peelregion.ca>

Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi Sandy,
The extent of the impact on Dixie will be determined once we start Phase 3 of the EA. For now we expect to cross Dixie via trenchless construction.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>
Sent: December 4, 2020 1:22 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Matta, Nabiel <nabiel.matta@peelregion.ca>; Tabieh, Nour Al-Huda <nour.tabieh@peelregion.ca>; Saddi, Asha <asha.saddi@peelregion.ca>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

So, just to be clear, nothing on Dixie Road?

Regards,
Sandy

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: December 4, 2020 1:07 PM
To: Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>
Cc: Matta, Nabiel <nabiel.matta@peelregion.ca>; Tabieh, Nour Al-Huda <nour.tabieh@peelregion.ca>; Saddi, Asha <asha.saddi@peelregion.ca>
Subject: Re: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

It will be in the valley

Italia Ponce, P. Eng.
Project Manager
Water and Wastewater Division
Public Works

Region of Peel
T:905-791-7800 ext. 4583
C:905-460-6628

From: Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>
Sent: Friday, December 4, 2020 1:04:33 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Matta, Nabiel <nabiel.matta@peelregion.ca>; Tabieh, Nour Al-Huda <nour.tabieh@peelregion.ca>; Saddi, Asha <asha.saddi@peelregion.ca>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Thanks Italia.

So, are you implying that south of Drew on Dixie and east of Dixie on Derry, it will be open cut? If so, we just rehabilitated those sections this year.

Please clarify.

Regards,
Sandy

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: December 4, 2020 12:16 PM
To: Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>
Cc: Matta, Nabiel <nabiel.matta@peelregion.ca>; Tabieh, Nour Al-Huda <nour.tabieh@peelregion.ca>; Saddi, Asha <asha.saddi@peelregion.ca>
Subject: Re: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi Sandy
My apologies for not getting back to you earlier.
We are entering into Phase 3 of the EA so we will have a better idea of the design and its impact on Dixie.
We are likely start design and construction in 2023-2024. Most of the construction up to Dixie will be tunnelled.
However the potion south of Drew Rd and east of Dixie will be open cut. I will speak to my consultant on Monday and discuss this but I would like us to meet during phase three of the EA and get your feedback on the design options.

Thanks,

Italia Ponce, P. Eng.
Project Manager
Water and Wastewater Division
Public Works
Region of Peel
T:905-791-7800 ext. 4583
C:905-460-6628

From: Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>
Sent: Thursday, December 3, 2020 11:34:32 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Matta, Nabiel <nabiel.matta@peelregion.ca>; Tabieh, Nour Al-Huda <nour.tabieh@peelregion.ca>; Saddi, Asha

<asha.saddi@peelregion.ca>
Subject: FW: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi Italia, just following up on my email below. We need to know if Dixie is a possible route and if the works would take place in the roadway.

Regards,
Sandy

From: Lovisotto, Sandy
Sent: November 27, 2020 2:59 PM
To: Ponce Vanelli, Italia <Italia.Ponce@peelregion.ca>
Cc: Matta, Nabiel <Nabiel.Matta@peelregion.ca>; Tabieh, Nour Al-Huda <nour.tabieh@peelregion.ca>; Saddi, Asha <Asha.Saddi@peelregion.ca>
Subject: FW: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi Italia,

We will be rehabilitating Dixie from Drew to Steeles next year. It will be a lengthy and expensive fix, so we wouldn't want to see it ripped up in a few years with sanitary works. What is the likelihood your sewer will coincide with our location?

Regards,
Sandy

From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: November 27, 2020 8:47 AM
To: Nieuwenhuysen, Bob <bob.nieuwenhuysen@peelregion.ca>; Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>; Crawford, Mark <mark.crawford@peelregion.ca>; Perez, Julian <julian.perez@peelregion.ca>; Gardiner, Len <len.gardiner@peelregion.ca>; Paquette, Samantha <samantha.paquette@peelregion.ca>; Banuri, Syeda <syeda.banuri@peelregion.ca>; Detaramani, Tina <tina.detaramani@peelregion.ca>; Tatla, Manvir <manvir.tatla@peelregion.ca>; Carrick, Sean <sean.carrick@peelregion.ca>; Jamroz, Damian <damian.jamroz@peelregion.ca>; Hamdani, Hashim <hashimali.hamdani@peelregion.ca>; Toy, William <william.toy@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Kovach, Steven <steven.kovach@peelregion.ca>; Smith, Adrian <adrian.smith@peelregion.ca>; Castro, Mark <mark.castro@peelregion.ca>; Saiyed, Sabbir <sabbir.saiyed@peelregion.ca>; Kuczynski, Roman <roman.kuczynski@peelregion.ca>; Fox, Mark <mark.fox@peelregion.ca>; ZZG-Peel Health & Built Environment <zzg-peelhealthbuiltenvironment@peelregion.ca>; Gibson, Brian <brian.gibson@peelregion.ca>; Clark, Carol <carol.clark@peelregion.ca>; Farouque, Althaf <althaf.farouque@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Svirplys-Howe, Larissa <larissa.svirplyshowe@peelregion.ca>; Memon, Waliullah <wali.memon@peelregion.ca>; Bennington, Michael <michael.bennington@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; Barnes, Brett <brett.barnes@peelregion.ca>; Kassay, Marwan <marwan.kassay@peelregion.ca>; Lee, Anna (Public Works) <anna.lee2@peelregion.ca>
Cc: Lee, Arthur <arthur.lee@peelregion.ca>
Subject: FW: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi All,
The Region of Peel is undertaking a Schedule "C" EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades (from Kennedy Road in the City of Brampton to Derry Road in the City of Mississauga). An online public engagement is

arranged to provide stakeholders with the study background information and an opportunity to submit any comments/questions.

Attached is the Notice of Public Engagement which includes the link to the study materials. Comments/questions are due to the Region of Peel Project Manager by December 11. Please provide any questions/comments to me by **Wednesday, December 9**.

Regards,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies
Transportation Division
Public Works, Region of Peel
Tel: 905-791-7800 x7794
Asha.Saddi@peelregion.ca



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From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: November 26, 2020 5:50 PM
Cc: ponceitalia@gmail.com
Subject: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Dear Region of Peel Stakeholders,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified a preliminary preferred alternative and would like to confirm this with input from the public and stakeholders. Please see attached Notice for details on how to access the Region's Online Public Engagement material.

Please direct any comments to me. Comments will be received until December 11, 2020. However if you wish to meet or obtain additional information, or would like clarification on the material presented, please feel free to call me or email me.

Best Regards,

Italia Ponce, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 4583
italia.ponce@peelregion.ca

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Newton, Dorin/TOR

From: Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>
Sent: Wednesday, May 18, 2022 5:15 PM
To: Saddi, Asha; Zia, Solmaz; Crawford, Mark; Perez, Julian; Gardiner, Len; Alexander, Tamara; Eberhardt, Daniel; Lee, Anna (Public Works); Crawford, Heather; Banuri, Syeda; Paquette, Samantha; Detaramani, Tina; Smith, Neal; Carrick, Sean; Jamroz, Damian; Van Boxmeer, Kyle; Hamdani, Hashim; Toy, William; Saiyed, Sabbir; Kuczynski, Roman; Fox, Mark; Castro, Mark; Hardcastle, John; Farouque, Althaf; Marzo, Christina; Koethe, Wayne; ZZG-Peel Health & Built Environment; Bennington, Michael; Aubin, Louise; Barnes, Brett; Kassay, Marwan; Smith, Adrian; Kovach, Steven; Thomsen, Lori-Ann; Gibson, Brian
Cc: ZZG-PWI; Ponce Vanelli, Italia
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Please keep RDC informed of any impacts within the Kennedy Road and Derry Road rights-of-way during the detailed design phase.

Regards,
Sandy

From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: May 18, 2022 9:11 AM
To: Zia, Solmaz <solmaz.zia@peelregion.ca>; Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>; Crawford, Mark <mark.crawford@peelregion.ca>; Perez, Julian <julian.perez@peelregion.ca>; Gardiner, Len <len.gardiner@peelregion.ca>; Alexander, Tamara <tamara.alexander@peelregion.ca>; Eberhardt, Daniel <daniel.eberhardt@peelregion.ca>; Lee, Anna (Public Works) <anna.lee2@peelregion.ca>; Crawford, Heather <heather.crawford@peelregion.ca>; Banuri, Syeda <syeda.banuri@peelregion.ca>; Paquette, Samantha <samantha.paquette@peelregion.ca>; Detaramani, Tina <tina.detaramani@peelregion.ca>; Smith, Neal <neal.smith@peelregion.ca>; Carrick, Sean <sean.carrick@peelregion.ca>; Jamroz, Damian <damian.jamroz@peelregion.ca>; Van Boxmeer, Kyle <kyle.vanboxmeer@peelregion.ca>; Hamdani, Hashim <hashimali.hamdani@peelregion.ca>; Toy, William <william.toy@peelregion.ca>; Saiyed, Sabbir <sabbir.saiyed@peelregion.ca>; Kuczynski, Roman <roman.kuczynski@peelregion.ca>; Fox, Mark <mark.fox@peelregion.ca>; Castro, Mark <mark.castro@peelregion.ca>; Hardcastle, John <john.hardcastle@peelregion.ca>; Farouque, Althaf <althaf.farouque@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Koethe, Wayne <wayne.koethe@peelregion.ca>; ZZG-Peel Health & Built Environment <zzg-peelhealthbuiltenvironment@peelregion.ca>; Bennington, Michael <michael.bennington@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; Barnes, Brett <brett.barnes@peelregion.ca>; Kassay, Marwan <marwan.kassay@peelregion.ca>; Smith, Adrian <adrian.smith@peelregion.ca>; Kovach, Steven <steven.kovach@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Gibson, Brian <brian.gibson@peelregion.ca>
Cc: ZZG-PWI <pwi@peelregion.ca>; Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Hi All,
The Region of Peel Water and Wastewater EA team is holding PIC 2 for the Etobicoke Creek Trunk Sewer Improvements and Upgrades EA. The PIC 2 Notice is attached and the PIC 2 materials can be accessed at: Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)

Please review the PIC 2 materials and the preliminary preferred concepts for the preferred alignment and let me know of any comments or concerns by **no later than Tuesday, May 31**.

Regards,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies
Transportation Division
Public Works, Region of Peel
Asha.Saddi@peelregion.ca

Region of Peel
working with you
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From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: May 17, 2022 7:10 PM
To: Iannicca, Nando <nando.iannicca@peelregion.ca>; Dedman, Kealy <kealy.dedman@peelregion.ca>; Coleman, Simone <simone.coleman@peelregion.ca>; Oldford, Steven <steven.oldford@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Sniatenchuk, Bernadette <bernadette.sniatenchuk@peelregion.ca>; steve.jacques@peelregion.ca; Saddi, Asha <asha.saddi@peelregion.ca>; Laundry, Brian <brian.laundry@peelregion.ca>; Fantin, Steven <steven.fantin@peelregion.ca>; Tu, Christine <christine.tu@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; jessica.hopkins@peelregion.ca; david.colvin@peelpolice.ca; McDonald, Brad <brad.mcdonald@peelregion.ca>; shawn.fauvelle@peelpolice.ca; Leslie.Moreu@peelregion.ca
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2

Dear Region of Peel Stakeholders,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified preliminary preferred concepts for the preferred alignment and would like to confirm this with input from the public and stakeholders. Attached is Notice for PIC 2 which is taking place on May 18. The notice contains details on how to access the Region's Online Public Engagement #2 material. I have also included the project's website for quick access.

Please direct any comments to me. Comments will be received until June 1. However if you wish to meet or obtain additional information, or would like clarification on the material presented, please feel free to call me or email me.

Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you
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Newton, Dorin/TOR

From: Crawford, Mark <mark.crawford@peelregion.ca>
Sent: Thursday, May 19, 2022 8:16 AM
To: Lovisotto, Sandy; Saddi, Asha; Zia, Solmaz; Perez, Julian; Gardiner, Len; Alexander, Tamara; Eberhardt, Daniel; Lee, Anna (Public Works); Crawford, Heather; Banuri, Syeda; Paquette, Samantha; Detaramani, Tina; Smith, Neal; Carrick, Sean; Jamroz, Damian; Van Boxmeer, Kyle; Hamdani, Hashim; Toy, William; Saiyed, Sabbir; Kuczynski, Roman; Fox, Mark; Castro, Mark; Hardcastle, John; Farouque, Althaf; Marzo, Christina; Koethe, Wayne; ZZG-Peel Health & Built Environment; Bennington, Michael; Aubin, Louise; Barnes, Brett; Kassay, Marwan; Smith, Adrian; Kovach, Steven; Thomsen, Lori-Ann; Gibson, Brian
Cc: ZZG-PWI; Ponce Vanelli, Italia
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Hi Asha,
Please keep ROM in the loop as well.

Thank you

Mark Crawford
Manager, Road Operations & Maintenance
Transportation, Public Works
Region of Peel
905-791-7800 x 3415
Mark.Crawford@peelregion.ca

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From: Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>
Sent: May 18, 2022 5:15 PM
To: Saddi, Asha <asha.saddi@peelregion.ca>; Zia, Solmaz <solmaz.zia@peelregion.ca>; Crawford, Mark <mark.crawford@peelregion.ca>; Perez, Julian <julian.perez@peelregion.ca>; Gardiner, Len <len.gardiner@peelregion.ca>; Alexander, Tamara <tamara.alexander@peelregion.ca>; Eberhardt, Daniel <daniel.eberhardt@peelregion.ca>; Lee, Anna (Public Works) <anna.lee2@peelregion.ca>; Crawford, Heather <heather.crawford@peelregion.ca>; Banuri, Syeda <syeda.banuri@peelregion.ca>; Paquette, Samantha <samantha.paquette@peelregion.ca>; Detaramani, Tina <tina.detaramani@peelregion.ca>; Smith, Neal <neal.smith@peelregion.ca>; Carrick, Sean <sean.carrick@peelregion.ca>; Jamroz, Damian <damian.jamroz@peelregion.ca>; Van Boxmeer, Kyle <kyle.vanboxmeer@peelregion.ca>; Hamdani, Hashim <hashimali.hamdani@peelregion.ca>; Toy, William <william.toy@peelregion.ca>; Saiyed, Sabbir <sabbir.saiyed@peelregion.ca>; Kuczynski, Roman <roman.kuczynski@peelregion.ca>; Fox, Mark <mark.fox@peelregion.ca>; Castro, Mark <mark.castro@peelregion.ca>; Hardcastle, John <john.hardcastle@peelregion.ca>; Farouque, Althaf <althaf.farouque@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Koethe, Wayne <wayne.koethe@peelregion.ca>; ZZG-Peel Health & Built

Environment <zzg-peelhealthbuiltenvironment@peelregion.ca>; Bennington, Michael <michael.bennington@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; Barnes, Brett <brett.barnes@peelregion.ca>; Kassay, Marwan <marwan.kassay@peelregion.ca>; Smith, Adrian <adrian.smith@peelregion.ca>; Kovach, Steven <steven.kovach@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Gibson, Brian <brian.gibson@peelregion.ca>
Cc: ZZG-PWI <pwi@peelregion.ca>; Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Please keep RDC informed of any impacts within the Kennedy Road and Derry Road rights-of-way during the detailed design phase.

Regards,
Sandy

From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: May 18, 2022 9:11 AM
To: Zia, Solmaz <solmaz.zia@peelregion.ca>; Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>; Crawford, Mark <mark.crawford@peelregion.ca>; Perez, Julian <julian.perez@peelregion.ca>; Gardiner, Len <len.gardiner@peelregion.ca>; Alexander, Tamara <tamara.alexander@peelregion.ca>; Eberhardt, Daniel <daniel.eberhardt@peelregion.ca>; Lee, Anna (Public Works) <anna.lee2@peelregion.ca>; Crawford, Heather <heather.crawford@peelregion.ca>; Banuri, Syeda <syeda.banuri@peelregion.ca>; Paquette, Samantha <samantha.paquette@peelregion.ca>; Detaramani, Tina <tina.detaramani@peelregion.ca>; Smith, Neal <neal.smith@peelregion.ca>; Carrick, Sean <sean.carrick@peelregion.ca>; Jamroz, Damian <damian.jamroz@peelregion.ca>; Van Boxmeer, Kyle <kyle.vanboxmeer@peelregion.ca>; Hamdani, Hashim <hashimali.hamdani@peelregion.ca>; Toy, William <william.toy@peelregion.ca>; Saiyed, Sabbir <sabbir.saiyed@peelregion.ca>; Kuczynski, Roman <roman.kuczynski@peelregion.ca>; Fox, Mark <mark.fox@peelregion.ca>; Castro, Mark <mark.castro@peelregion.ca>; Hardcastle, John <john.hardcastle@peelregion.ca>; Farouque, Althaf <althaf.farouque@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Koethe, Wayne <wayne.koethe@peelregion.ca>; ZZG-Peel Health & Built Environment <zzg-peelhealthbuiltenvironment@peelregion.ca>; Bennington, Michael <michael.bennington@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; Barnes, Brett <brett.barnes@peelregion.ca>; Kassay, Marwan <marwan.kassay@peelregion.ca>; Smith, Adrian <adrian.smith@peelregion.ca>; Kovach, Steven <steven.kovach@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Gibson, Brian <brian.gibson@peelregion.ca>
Cc: ZZG-PWI <pwi@peelregion.ca>; Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Hi All,
The Region of Peel Water and Wastewater EA team is holding PIC 2 for the Etobicoke Creek Trunk Sewer Improvements and Upgrades EA. The PIC 2 Notice is attached and the PIC 2 materials can be accessed at: Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)

Please review the PIC 2 materials and the preliminary preferred concepts for the preferred alignment and let me know of any comments or concerns by **no later than Tuesday, May 31**.

Regards,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies
Transportation Division
Public Works, Region of Peel

Asha.Saddi@peelregion.ca

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From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: May 17, 2022 7:10 PM
To: Iannicca, Nando <nando.iannicca@peelregion.ca>; Dedman, Kealy <kealy.dedman@peelregion.ca>; Coleman, Simone <simone.coleman@peelregion.ca>; Oldford, Steven <steven.oldford@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Sniatenchuk, Bernadette <bernadette.sniatenchuk@peelregion.ca>; steve.jacques@peelregion.ca; Saddi, Asha <asha.saddi@peelregion.ca>; Laundry, Brian <brian.laundry@peelregion.ca>; Fantin, Steven <steven.fantin@peelregion.ca>; Tu, Christine <christine.tu@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; jessica.hopkins@peelregion.ca; david.colvin@peelpolice.ca; McDonald, Brad <brad.mcdonald@peelregion.ca>; shawn.fauvelle@peelpolice.ca; Leslie.Moreu@peelregion.ca
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2

Dear Region of Peel Stakeholders,

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Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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Newton, Dorin/TOR

From: Smith, Neal <neal.smith@peelregion.ca>
Sent: Thursday, May 19, 2022 8:53 AM
To: Saddi, Asha; Zia, Solmaz; Lovisotto, Sandy; Crawford, Mark; Perez, Julian; Gardiner, Len; Alexander, Tamara; Eberhardt, Daniel; Lee, Anna (Public Works); Crawford, Heather; Banuri, Syeda; Paquette, Samantha; Detaramani, Tina; Carrick, Sean; Jamroz, Damian; Van Boxmeer, Kyle; Hamdani, Hashim; Toy, William; Saiyed, Sabbir; Kuczynski, Roman; Fox, Mark; Castro, Mark; Hardcastle, John; Farouque, Althaf; Marzo, Christina; Koethe, Wayne; ZZG-Peel Health & Built Environment; Bennington, Michael; Aubin, Louise; Barnes, Brett; Kassay, Marwan; Smith, Adrian; Kovach, Steven; Thomsen, Lori-Ann; Gibson, Brian
Cc: ZZG-PWI; Ponce Vanelli, Italia
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Please keep STSI informed of any impacts / closures to existing pedestrian facilities on regional roads.

Thanks,

Neal Smith, C.E.T. (he/him)
Project Manager, Sustainable Transportation
Public Works, Transportation Division
10 Peel Centre Drive | Suite B | 4th Floor
Brampton| ON | L6T 4B9
Cell: 905-866-3796
R E G I O N O F P E E L ■■■ working with you

From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: May 18, 2022 9:11 AM
To: Zia, Solmaz <solmaz.zia@peelregion.ca>; Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>; Crawford, Mark <mark.crawford@peelregion.ca>; Perez, Julian <julian.perez@peelregion.ca>; Gardiner, Len <len.gardiner@peelregion.ca>; Alexander, Tamara <tamara.alexander@peelregion.ca>; Eberhardt, Daniel <daniel.eberhardt@peelregion.ca>; Lee, Anna (Public Works) <anna.lee2@peelregion.ca>; Crawford, Heather <heather.crawford@peelregion.ca>; Banuri, Syeda <syeda.banuri@peelregion.ca>; Paquette, Samantha <samantha.paquette@peelregion.ca>; Detaramani, Tina <tina.detaramani@peelregion.ca>; Smith, Neal <neal.smith@peelregion.ca>; Carrick, Sean <sean.carrick@peelregion.ca>; Jamroz, Damian <damian.jamroz@peelregion.ca>; Van Boxmeer, Kyle <kyle.vanboxmeer@peelregion.ca>; Hamdani, Hashim <hashimali.hamdani@peelregion.ca>; Toy, William <william.toy@peelregion.ca>; Saiyed, Sabbir <sabbir.saiyed@peelregion.ca>; Kuczynski, Roman <roman.kuczynski@peelregion.ca>; Fox, Mark <mark.fox@peelregion.ca>; Castro, Mark <mark.castro@peelregion.ca>; Hardcastle, John <john.hardcastle@peelregion.ca>; Farouque, Althaf <althaf.farouque@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Koethe, Wayne <wayne.koethe@peelregion.ca>; ZZG-Peel Health & Built Environment <zzg-peelhealthbuiltenvironment@peelregion.ca>; Bennington, Michael <michael.bennington@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; Barnes, Brett <brett.barnes@peelregion.ca>; Kassay, Marwan <marwan.kassay@peelregion.ca>; Smith, Adrian <adrian.smith@peelregion.ca>; Kovach, Steven <steven.kovach@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Gibson, Brian <brian.gibson@peelregion.ca>

Cc: ZZG-PWI <pwi@peelregion.ca>; Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Hi All,
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Regards,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies
Transportation Division
Public Works, Region of Peel
Asha.Saddi@peelregion.ca

Region of Peel
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From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: May 17, 2022 7:10 PM
To: Iannicca, Nando <nando.iannicca@peelregion.ca>; Dedman, Kealy <kealy.dedman@peelregion.ca>; Coleman, Simone <simone.coleman@peelregion.ca>; Oldford, Steven <steven.oldford@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Sniatenchuk, Bernadette <bernadette.sniatenchuk@peelregion.ca>; steve.jacques@peelregion.ca; Saddi, Asha <asha.saddi@peelregion.ca>; Laundry, Brian <brian.laundry@peelregion.ca>; Fantin, Steven <steven.fantin@peelregion.ca>; Tu, Christine <christine.tu@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; jessica.hopkins@peelregion.ca; david.colvin@peelpolice.ca; McDonald, Brad <brad.mcdonald@peelregion.ca>; shawn.fauvelle@peelpolice.ca; Leslie.Moreu@peelregion.ca
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2

Dear Region of Peel Stakeholders,

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Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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Newton, Dorin/TOR

From: Jamroz, Damian <damian.jamroz@peelregion.ca>
Sent: Thursday, May 19, 2022 9:03 AM
To: Saddi, Asha; Zia, Solmaz; Lovisotto, Sandy; Crawford, Mark; Perez, Julian; Gardiner, Len; Alexander, Tamara; Eberhardt, Daniel; Lee, Anna (Public Works); Crawford, Heather; Banuri, Syeda; Paquette, Samantha; Detaramani, Tina; Smith, Neal; Carrick, Sean; Van Boxmeer, Kyle; Hamdani, Hashim; Toy, William; Saiyed, Sabbir; Kuczynski, Roman; Fox, Mark; Castro, Mark; Hardcastle, John; Farouque, Althaf; Marzo, Christina; Koethe, Wayne; ZZG-Peel Health & Built Environment; Bennington, Michael; Aubin, Louise; Barnes, Brett; Kassay, Marwan; Smith, Adrian; Kovach, Steven; Thomsen, Lori-Ann; Gibson, Brian; Eisa, Eisa
Cc: ZZG-PWI; Ponce Vanelli, Italia
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Hi Asha,

Please include @Eisa, Eisa from my team and keep him informed of this project, he will coordinate comments within the Traffic Engineering.

Thanks
Damian

Kind Regards,

Damian A. Jamroz
Supervisor, Traffic Operations
Traffic Engineering
Region of Peel
10 Peel Centre Drive Suite B, 4th Floor
Brampton, ON L6T 4B9

Office No.: 905-791-7800 ext. 7856

Region of Peel
working with you

From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: May 18, 2022 9:11 AM
To: Zia, Solmaz <solmaz.zia@peelregion.ca>; Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>; Crawford, Mark <mark.crawford@peelregion.ca>; Perez, Julian <julian.perez@peelregion.ca>; Gardiner, Len <len.gardiner@peelregion.ca>; Alexander, Tamara <tamara.alexander@peelregion.ca>; Eberhardt, Daniel <daniel.eberhardt@peelregion.ca>; Lee, Anna (Public Works) <anna.lee2@peelregion.ca>; Crawford, Heather <heather.crawford@peelregion.ca>; Banuri, Syeda <syeda.banuri@peelregion.ca>; Paquette, Samantha <samantha.paquette@peelregion.ca>; Detaramani, Tina <tina.detaramani@peelregion.ca>; Smith, Neal <neal.smith@peelregion.ca>; Carrick, Sean <sean.carrick@peelregion.ca>; Jamroz, Damian

<damian.jamroz@peelregion.ca>; Van Boxmeer, Kyle <kyle.vanboxmeer@peelregion.ca>; Hamdani, Hashim <hashimali.hamdani@peelregion.ca>; Toy, William <william.toy@peelregion.ca>; Saiyed, Sabbir <sabbir.saiyed@peelregion.ca>; Kuczynski, Roman <roman.kuczynski@peelregion.ca>; Fox, Mark <mark.fox@peelregion.ca>; Castro, Mark <mark.castro@peelregion.ca>; Hardcastle, John <john.hardcastle@peelregion.ca>; Farouque, Althaf <althaf.farouque@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Koethe, Wayne <wayne.koethe@peelregion.ca>; ZZG-Peel Health & Built Environment <zzg-peelhealthbuiltenvironment@peelregion.ca>; Bennington, Michael <michael.bennington@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; Barnes, Brett <brett.barnes@peelregion.ca>; Kassay, Marwan <marwan.kassay@peelregion.ca>; Smith, Adrian <adrian.smith@peelregion.ca>; Kovach, Steven <steven.kovach@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Gibson, Brian <brian.gibson@peelregion.ca>
Cc: ZZG-PWI <pwi@peelregion.ca>; Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Hi All,
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Regards,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies
Transportation Division
Public Works, Region of Peel
Asha.Saddi@peelregion.ca

Region of Peel
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From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: May 17, 2022 7:10 PM
To: Iannicca, Nando <nando.iannicca@peelregion.ca>; Dedman, Kealy <kealy.dedman@peelregion.ca>; Coleman, Simone <simone.coleman@peelregion.ca>; Oldford, Steven <steven.oldford@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Sniatenchuk, Bernadette <bernadette.sniatenchuk@peelregion.ca>; steve.jacques@peelregion.ca; Saddi, Asha <asha.saddi@peelregion.ca>; Laundry, Brian <brian.laundry@peelregion.ca>; Fantin, Steven <steven.fantin@peelregion.ca>; Tu, Christine <christine.tu@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; jessica.hopkins@peelregion.ca; david.colvin@peelpolice.ca; McDonald, Brad <brad.mcdonald@peelregion.ca>; shawn.fauvelle@peelpolice.ca; Leslie.Moreu@peelregion.ca
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2

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Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: May 27, 2022 3:07 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: ZZG-PWI <pwi@peelregion.ca>
Subject: FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Hi Italia,
Attached below are comments from the Stormwater team.

Have a great weekend.

Thanks,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies
Transportation Division
Public Works, Region of Peel
Asha.Saddi@peelregion.ca

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working with you

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From: Banuri, Syeda <syeda.banuri@peelregion.ca>
Sent: May 19, 2022 5:11 PM
To: Saddi, Asha <asha.saddi@peelregion.ca>
Cc: Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>; Rook, Sally <sally.rook@peelregion.ca>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Hi Asha,
The proposed sanitary trunk crosses or will be in the vicinity of 3 Regional roads, i.e, Dixie, Derry and Kennedy Roads. The proposed construction method is mostly tunnel TBM and the trunk will be deep. I believe it will be open cut and shallower sewer only at Derry. The comment from stormwater perspective at this stage is to identify and mitigate any comments to the Region's storm infrastructure during the detailed design and keep us informed of it.

Regards,
Syeda Banuri, M.Eng., P.Eng.
Project Manager, Infrastructure Programming and Studies
Transportation, Public Works
10 Peel Centre Dr., Suite B, 4th Floor, Brampton, ON L6T 4B9
syeda.banuri @peelregion.ca

tel: 905-791-7800, ext. 4052
cell: 416-407-7860

From: Smith, Neal <neal.smith@peelregion.ca>
Sent: May 19, 2022 8:50 AM
To: Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>; Saddi, Asha <asha.saddi@peelregion.ca>; Zia, Solmaz <solmaz.zia@peelregion.ca>; Crawford, Mark <mark.crawford@peelregion.ca>; Perez, Julian <julian.perez@peelregion.ca>; Gardiner, Len <len.gardiner@peelregion.ca>; Alexander, Tamara <tamara.alexander@peelregion.ca>; Eberhardt, Daniel <daniel.eberhardt@peelregion.ca>; Lee, Anna (Public Works) <anna.lee2@peelregion.ca>; Crawford, Heather <heather.crawford@peelregion.ca>; Banuri, Syeda <syeda.banuri@peelregion.ca>; Paquette, Samantha <samantha.paquette@peelregion.ca>; Detaramani, Tina <tina.detaramani@peelregion.ca>; Carrick, Sean <sean.carrick@peelregion.ca>; Jamroz, Damian <damian.jamroz@peelregion.ca>; Van Boxmeer, Kyle <kyle.vanboxmeer@peelregion.ca>; Hamdani, Hashim <hashimali.hamdani@peelregion.ca>; Toy, William <william.toy@peelregion.ca>; Saiyed, Sabbir <sabbir.saiyed@peelregion.ca>; Kuczynski, Roman <roman.kuczynski@peelregion.ca>; Fox, Mark <mark.fox@peelregion.ca>; Castro, Mark <mark.castro@peelregion.ca>; Hardcastle, John <john.hardcastle@peelregion.ca>; Farouque, Althaf <althaf.farouque@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Koethe, Wayne <wayne.koethe@peelregion.ca>; ZZG-Peel Health & Built Environment <zzg-peelhealthbuiltenvironment@peelregion.ca>; Bennington, Michael <michael.bennington@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; Barnes, Brett <brett.barnes@peelregion.ca>; Kassay, Marwan <marwan.kassay@peelregion.ca>; Smith, Adrian <adrian.smith@peelregion.ca>; Kovach, Steven <steven.kovach@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Gibson, Brian <brian.gibson@peelregion.ca>
Cc: ZZG-PWI <pwi@peelregion.ca>; Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Please keep STSI informed of any impacts / closures to pedestrian facilities at the intersection of Kennedy Road and Derry Road.

Thanks,

Neal Smith, C.E.T. (he/him)
Project Manager, Sustainable Transportation
Public Works, Transportation Division
10 Peel Centre Drive | Suite B | 4th Floor
Brampton| ON | L6T 4B9
Cell: 905-866-3796
R E G I O N O F P E E L ■■■ working with you

From: Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>
Sent: May 18, 2022 5:15 PM
To: Saddi, Asha <asha.saddi@peelregion.ca>; Zia, Solmaz <solmaz.zia@peelregion.ca>; Crawford, Mark <mark.crawford@peelregion.ca>; Perez, Julian <julian.perez@peelregion.ca>; Gardiner, Len <len.gardiner@peelregion.ca>; Alexander, Tamara <tamara.alexander@peelregion.ca>; Eberhardt, Daniel <daniel.eberhardt@peelregion.ca>; Lee, Anna (Public Works) <anna.lee2@peelregion.ca>;

Crawford, Heather <heather.crawford@peelregion.ca>; Banuri, Syeda <syeda.banuri@peelregion.ca>; Paquette, Samantha <samantha.paquette@peelregion.ca>; Detaramani, Tina <tina.detaramani@peelregion.ca>; Smith, Neal <neal.smith@peelregion.ca>; Carrick, Sean <sean.carrick@peelregion.ca>; Jamroz, Damian <damian.jamroz@peelregion.ca>; Van Boxmeer, Kyle <kyle.vanboxmeer@peelregion.ca>; Hamdani, Hashim <hashimali.hamdani@peelregion.ca>; Toy, William <william.toy@peelregion.ca>; Saiyed, Sabbir <sabbir.saiyed@peelregion.ca>; Kuczynski, Roman <roman.kuczynski@peelregion.ca>; Fox, Mark <mark.fox@peelregion.ca>; Castro, Mark <mark.castro@peelregion.ca>; Hardcastle, John <john.hardcastle@peelregion.ca>; Farouque, Althaf <althaf.farouque@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Koethe, Wayne <wayne.koethe@peelregion.ca>; ZZG-Peel Health & Built Environment <zzg-peelhealthbuiltenvironment@peelregion.ca>; Bennington, Michael <michael.bennington@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; Barnes, Brett <brett.barnes@peelregion.ca>; Kassay, Marwan <marwan.kassay@peelregion.ca>; Smith, Adrian <adrian.smith@peelregion.ca>; Kovach, Steven <steven.kovach@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Gibson, Brian <brian.gibson@peelregion.ca>
Cc: ZZG-PWI <pwi@peelregion.ca>; Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Please keep RDC informed of any impacts within the Kennedy Road and Derry Road rights-of-way during the detailed design phase.

Regards,
Sandy

From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: May 18, 2022 9:11 AM
To: Zia, Solmaz <solmaz.zia@peelregion.ca>; Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>; Crawford, Mark <mark.crawford@peelregion.ca>; Perez, Julian <julian.perez@peelregion.ca>; Gardiner, Len <len.gardiner@peelregion.ca>; Alexander, Tamara <tamara.alexander@peelregion.ca>; Eberhardt, Daniel <daniel.eberhardt@peelregion.ca>; Lee, Anna (Public Works) <anna.lee2@peelregion.ca>; Crawford, Heather <heather.crawford@peelregion.ca>; Banuri, Syeda <syeda.banuri@peelregion.ca>; Paquette, Samantha <samantha.paquette@peelregion.ca>; Detaramani, Tina <tina.detaramani@peelregion.ca>; Smith, Neal <neal.smith@peelregion.ca>; Carrick, Sean <sean.carrick@peelregion.ca>; Jamroz, Damian <damian.jamroz@peelregion.ca>; Van Boxmeer, Kyle <kyle.vanboxmeer@peelregion.ca>; Hamdani, Hashim <hashimali.hamdani@peelregion.ca>; Toy, William <william.toy@peelregion.ca>; Saiyed, Sabbir <sabbir.saiyed@peelregion.ca>; Kuczynski, Roman <roman.kuczynski@peelregion.ca>; Fox, Mark <mark.fox@peelregion.ca>; Castro, Mark <mark.castro@peelregion.ca>; Hardcastle, John <john.hardcastle@peelregion.ca>; Farouque, Althaf <althaf.farouque@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Koethe, Wayne <wayne.koethe@peelregion.ca>; ZZG-Peel Health & Built Environment <zzg-peelhealthbuiltenvironment@peelregion.ca>; Bennington, Michael <michael.bennington@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; Barnes, Brett <brett.barnes@peelregion.ca>; Kassay, Marwan <marwan.kassay@peelregion.ca>; Smith, Adrian <adrian.smith@peelregion.ca>; Kovach, Steven <steven.kovach@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Gibson, Brian <brian.gibson@peelregion.ca>
Cc: ZZG-PWI <pwi@peelregion.ca>; Ponce Vanelli, Italia <italia.ponce@peelregion.ca>

Subject: FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Hi All,
The Region of Peel Water and Wastewater EA team is holding PIC 2 for the Etobicoke Creek Trunk Sewer Improvements and Upgrades EA. The PIC 2 Notice is attached and the PIC 2 materials can be accessed at: Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)

Please review the PIC 2 materials and the preliminary preferred concepts for the preferred alignment and let me know of any comments or concerns by **no later than Tuesday, May 31**.

Regards,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies
Transportation Division
Public Works, Region of Peel
Asha.Saddi@peelregion.ca

Region of Peel
working with you

This email, including any attachments, is intended for the recipient specified in the message and may contain information which is confidential or privileged. Any unauthorized use or disclosure of this email is prohibited. If you are not the intended recipient or have received this e-mail in error, please notify the sender via return email and permanently delete all copies of the email. Thank you.

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: May 17, 2022 7:10 PM
To: Iannicca, Nando <nando.iannicca@peelregion.ca>; Dedman, Kealy <kealy.dedman@peelregion.ca>; Coleman, Simone <simone.coleman@peelregion.ca>; Oldford, Steven <steven.oldford@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Sniatenchuk, Bernadette <bernadette.sniatenchuk@peelregion.ca>; steve.jacques@peelregion.ca; Saddi, Asha <asha.saddi@peelregion.ca>; Laundry, Brian <brian.laundry@peelregion.ca>; Fantin, Steven <steven.fantin@peelregion.ca>; Tu, Christine <christine.tu@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; jessica.hopkins@peelregion.ca; david.colvin@peelpolice.ca; McDonald, Brad <brad.mcdonald@peelregion.ca>; shawn.fauvelle@peelpolice.ca; Leslie.Moreu@peelregion.ca
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2

Dear Region of Peel Stakeholders,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified preliminary preferred concepts for the preferred alignment and would like to confirm this with input from the public and stakeholders. Attached is Notice for PIC 2 which is taking place on May 18. The notice contains details on how to access the Region's Online Public Engagement #2 material. I have also included the project's website for quick access.

Please direct any comments to me. Comments will be received until June 1. However if you wish to meet or obtain additional information, or would like clarification on the material presented, please feel free to call me or email me.

Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Tuesday, June 7, 2022 12:10 PM
To: Saddi, Asha
Cc: ZZG-PWI; Mulcahy, Grace; Eisa, Eisa; Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Hi Grace

Segment 3 including the crossing of Dixie will be tunneled.
Segment 4 is open cut. Segment 4 wont impact Derry. Right now the Region (water and wastewater team) is working in that area however any staging in the area will be provided as part of the next stage of the process -prelim design.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: June 1, 2022 2:20 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: ZZG-PWI <pwi@peelregion.ca>; Mulcahy, Grace <grace.mulcahy@peelregion.ca>; Eisa, Eisa <eisa.eisa@peelregion.ca>
Subject: FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Hi Italia,
Our Traffic Safety team has the following comments:

Grace Mulcahy – Traffic Safety

1. Will segment 3 be open cut? This section crosses over Dixie Road – how will drivers, pedestrians and cyclists be accommodated during construction?
2. Will segment 4 touch Derry Road? If so, same question as #1.
3. Shaft 5 and 6 off Dixie Road – ensure Book 7 is adhered to, vulnerable road users are accommodated, safe movement in and out of construction area.

We look forward to your response comments. Thanks Italia.

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies
Transportation Division
Public Works, Region of Peel
Asha.Saddi@peelregion.ca

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From: Saddi, Asha
Sent: May 18, 2022 9:11 AM
To: Zia, Solmaz <Solmaz.Zia@peelregion.ca>; Lovisotto, Sandy <Sandy.Lovisotto@peelregion.ca>; Crawford, Mark <Mark.Crawford@peelregion.ca>; Perez, Julian <julian.perez@peelregion.ca>; Gardiner, Len <Len.Gardiner@peelregion.ca>; 'Tamara Alexander (Tamara.Alexander@peelregion.ca)' <Tamara.Alexander@peelregion.ca>; Eberhardt, Daniel <Daniel.Eberhardt@peelregion.ca>; Lee, Anna (Public Works) <anna.lee2@peelregion.ca>; Crawford, Heather <Heather.Crawford@peelregion.ca>; Banuri, Syeda <Syeda.Banuri@peelregion.ca>; Paquette, Samantha <samantha.paquette@peelregion.ca>; Detaramani, Tina <Tina.Detaramani@peelregion.ca>; Smith, Neal <neal.smith@peelregion.ca>; Carrick, Sean <Sean.Carrick@peelregion.ca>; Jamroz, Damian <Damian.Jamroz@peelregion.ca>; Van Boxmeer, Kyle <Kyle.VanBoxmeer@peelregion.ca>; Hamdani, Hashim <HashimAli.Hamdani@peelregion.ca>; Toy, William <William.Toy@peelregion.ca>; Saiyed, Sabbir <Sabbir.Saiyed@peelregion.ca>; Kuczynski, Roman <Roman.Kuczynski@peelregion.ca>; Fox, Mark <Mark.Fox@peelregion.ca>; Castro, Mark <Mark.Castro@peelregion.ca>; Hardcastle, John <John.Hardcastle@peelregion.ca>; Farouque, Althaf <Althaf.Farouque@peelregion.ca>; Marzo, Christina <Christina.Marzo@peelregion.ca>; Koethe, Wayne <Wayne.Koethe@peelregion.ca>; ZZG-Peel Health & Built Environment <ZZG-PeelHealthBuiltEnvironment@peelregion.ca>; Bennington, Michael <Michael.Bennington@peelregion.ca>; Aubin, Louise <Louise.Aubin@peelregion.ca>; Barnes, Brett <Brett.Barnes@peelregion.ca>; Kassay, Marwan <Marwan.Kassay@peelregion.ca>; Smith, Adrian <Adrian.Smith@peelregion.ca>; Kovach, Steven <Steven.Kovach@peelregion.ca>; Thomsen, Lori-Ann <Lori-Ann.Thomsen@peelregion.ca>; Gibson, Brian <Brian.Gibson@peelregion.ca>
Cc: ZZG-PWI <pwi@peelregion.ca>; Ponce Vanelli, Italia <Italia.Ponce@peelregion.ca>
Subject: FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2 - REPLY BY MAY 31

Hi All,
The Region of Peel Water and Wastewater EA team is holding PIC 2 for the Etobicoke Creek Trunk Sewer Improvements and Upgrades EA. The PIC 2 Notice is attached and the PIC 2 materials can be accessed at: Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)

Please review the PIC 2 materials and the preliminary preferred concepts for the preferred alignment and let me know of any comments or concerns by **no later than Tuesday, May 31**.

Regards,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies

Transportation Division
Public Works, Region of Peel
Asha.Saddi@peelregion.ca

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From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: May 17, 2022 7:10 PM
To: Iannicca, Nando <nando.iannicca@peelregion.ca>; Dedman, Kealy <kealy.dedman@peelregion.ca>; Coleman, Simone <simone.coleman@peelregion.ca>; Oldford, Steven <steven.oldford@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Sniatenchuk, Bernadette <bernadette.sniatenchuk@peelregion.ca>; steve.jacques@peelregion.ca; Saddi, Asha <asha.saddi@peelregion.ca>; Laundry, Brian <brian.laundry@peelregion.ca>; Fantin, Steven <steven.fantin@peelregion.ca>; Tu, Christine <christine.tu@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; jessica.hopkins@peelregion.ca; david.colvin@peelpolice.ca; McDonald, Brad <brad.mcdonald@peelregion.ca>; shawn.fauvelle@peelpolice.ca; Leslie.Moreu@peelregion.ca
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades - Notice of PIC 2

Dear Region of Peel Stakeholders,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified preliminary preferred concepts for the preferred alignment and would like to confirm this with input from the public and stakeholders. Attached is Notice for PIC 2 which is taking place on May 18. The notice contains details on how to access the Region's Online Public Engagement #2 material. I have also included the project's website for quick access.

Please direct any comments to me. Comments will be received until June 1. However if you wish to meet or obtain additional information, or would like clarification on the material presented, please feel free to call me or email me.

Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:10 PM
To: Oldford, Steven; Marzo, Christina; Sniatenchuk, Bernadette; Lee, Justin; Zhu, Hong; Motamedi, Kolsoom; Pendlebury, Martin; Gan, Nicholas; Pitura, Andrea; Puri, Ajay; Radman, Lesley; steve.jacques@peelregion.ca; Saddi, Asha; Laundry, Brian; Fantin, Steven; Tu, Christine; Aubin, Louise; jessica.hopkins@peelregion.ca; ZZG-PWI; shawn.fauvelle@peelpolice.ca; leslie.moreu@peelregion.ca; McDonald, Brad; david.colvin@peelpolice.ca; Joseph.Alkass@peelpolice.ca; Lobo, Sarah; LeDrew, Lyle; Thomsen, Lori-Ann
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

We have completed Phase 1-3 of the Municipal Class EA process and have prepared the **draft Environmental Study Report (ESR)**. The draft ESR summarizes the activities undertaken to date through Phases 1-3. The intent of this email is to provide you with the Draft Environmental Study Report for review, and to seek your input and comments.

Please kindly submit comments on the Draft ESR by Monday January 9, 2023 to italia.ponce@peelregion.ca. To assist the project team in maintaining the project schedule please advise in advance if you are unable to provide comments by this date.
The Draft ESR will be available at the following website:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

We look forward to hearing form you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
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From: Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>
Sent: January 5, 2023 2:13 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Oldford, Steven <steven.oldford@peelregion.ca>; Kovach, Steven <steven.kovach@peelregion.ca>; Smith, Jeff <jeffrey.smith@peelregion.ca>; Lieu, Lisa <lisa.lieu@peelregion.ca>; Longmuir, Lorraine <lorraine.longmuir@peelregion.ca>; Mann, Erin <erin.mann@peelregion.ca>
Subject: RE: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Hello Italia,

The attached map shows Region Owned and Region Leased properties located within the limits of the study area.

Thank you,
Lori-Ann

I have a flexible workday so our working hours may be different. Please do not feel obligated to reply outside of your working hours.

Lori-Ann Thomsen, CRA, SR/WA (*she/her*)
Manager, Real Property and Facility Acquisitions - Real Estate
Phone: 905-791-7800 ext. 7636
Cell: 416-347-7878

Region of Peel
working with you

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: December 1, 2022 2:10 PM
To: Oldford, Steven <steven.oldford@peelregion.ca>; Marzo, Christina <christina.marzo@peelregion.ca>; Sniatenchuk, Bernadette <bernadette.sniatenchuk@peelregion.ca>; Lee, Justin <Justin.Lee@peelregion.ca>; Zhu, Hong <hong.zhu@peelregion.ca>; Motamedi, Kolsoom <kolsoom.motamedi@peelregion.ca>; Pendlebury, Martin <martin.pendlebury@peelregion.ca>; Gan, Nicholas <nicholas.gan@peelregion.ca>; Pitura, Andrea <andrea.pitura@peelregion.ca>; Puri, Ajay <ajay.puri@peelregion.ca>; Radman, Lesley <lesley.radman@peelregion.ca>; steve.jacques@peelregion.ca; Saddi, Asha <asha.saddi@peelregion.ca>; Laundry, Brian <brian.laundry@peelregion.ca>; Fantin, Steven <steven.fantin@peelregion.ca>; Tu, Christine <christine.tu@peelregion.ca>; Aubin, Louise <louise.aubin@peelregion.ca>; jessica.hopkins@peelregion.ca; ZZG-PWI <pwi@peelregion.ca>; shawn.fauvelle@peelpolice.ca; leslie.moreu@peelregion.ca; McDonald, Brad <brad.mcdonald@peelregion.ca>; david.colvin@peelpolice.ca; Joseph.Alkass@peelpolice.ca; Lobo, Sarah <sarah.lobo@peelregion.ca>; LeDrew, Lyle <lyle.ledrew@peelregion.ca>; Thomsen, Lori-Ann <lori-ann.thomsen@peelregion.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
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The Draft ESR will be available at the following website:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

We look forward to hearing form you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
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This email, including any attachments, is intended for the recipient specified in the message and may contain information which is confidential or privileged. Any unauthorized use or disclosure of this email is prohibited. If you are not the intended recipient or have received this e-mail in error, please notify the sender via return email and permanently delete all copies of the email. Thank you.

From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: January 20, 2023 3:02 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Silva, Roger <roger.silva@peelregion.ca>; Thomas, Shajin <shajin.thomas@peelregion.ca>; Mulcahy, Grace <grace.mulcahy@peelregion.ca>; Zare, Mina <mina.zare@peelregion.ca>
Subject: FW: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Hi Italia,
Our Traffic Engineering teams have reviewed the draft ESR and have the following comments:

Traffic Safety – Roger Silva

- Adherence to Book 7
- Traffic team must be notified of any impacts to Regional Roads as a result of construction (e.g., lane closures, etc.)

Traffic Signals and Streetlighting – Shajin Thomas

- TIA states there will be traffic increase during construction but details about the volume or frequency per hour not provided. It is mentioned in the memorandum that the increase is minor in nature, but it would be helpful for us to know what those values would be. Considering that they are planning work outside peak hours, we assume based on the TIA that it won't impact the Region's signalized intersection operations.

Traffic Operations – Grace Mulcahy

- Traffic team must be notified of any potential impacts to Regional Roads as a result of construction (e.g., lane closures, etc.) and additional pre-construction activities (e.g., surveying, geotechnical investigation, etc.) as appropriate.
- Ensure adherence to Book 7, including appropriate signage must be provided to ensure sufficient notice is provided to all road users (e.g., sidewalk closures, lane closures, etc.)
- Coordination required regarding the traffic management plan and road occupancy permit for Regional Roads prior to construction.
- Provision of mud-tracking as appropriate during construction.

Traffic Development and Permits – Mina Zare

- All the accesses on Dixie Road between Derry Road and Khalsa Road need to be maintained all the time during the project work.
- Please note Traffic Development and Permits would like to have the opportunity to have comments at the design stages.
- Proposed temporary construction accesses or permanent accesses needs to be evaluate as per the Region of Peel Access Control By-law and the spacing requirement as per the Road Characterization Study.
- Road Occupancy Permit is required for the works on the Region of Peel's right of ways.

We look forward to receiving your response comments.

Thanks,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies
Transportation Division
Public Works, Region of Peel
Asha.Saddi@peelregion.ca



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From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: December 5, 2022 3:52 PM
To: Banuri, Syeda <syeda.banuri@peelregion.ca>; Carrick, Sean <sean.carrick@peelregion.ca>; Crawford, Heather <heather.crawford@peelregion.ca>; Crawford, Mark <mark.crawford@peelregion.ca>; Detaramani, Tina <tina.detaramani@peelregion.ca>; Eberhardt, Daniel <daniel.eberhardt@peelregion.ca>; Gnoyke, Danielle <danielle.gnoyke@peelregion.ca>; Hamdani, Hashim <hashimali.hamdani@peelregion.ca>; Jamroz, Damian <damian.jamroz@peelregion.ca>; Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>; Paquette, Samantha <samantha.paquette@peelregion.ca>; Perez, Julian <julian.perez@peelregion.ca>; Toy, William <william.toy@peelregion.ca>; Van Boxmeer, Kyle <kyle.vanboxmeer@peelregion.ca>; Zia, Solmaz <solmaz.zia@peelregion.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: FW: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades - REPLY BY JAN 5

Hello Transportation teams,
The draft ESR for Peel's Schedule C Etobicoke Creek Trunk Sewer Improvements and Upgrades EA is ready for review and can be accessed from the project website at:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

Please review the ESR and forward any comments or concerns to me by **Thursday, January 5**.

Regards,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies
Transportation Division
Public Works, Region of Peel
Asha.Saddi@peelregion.ca

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From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: December 1, 2022 2:10 PM
To:
Cc:
Subject: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

We have completed Phase 1-3 of the Municipal Class EA process and have prepared the **draft Environmental Study Report (ESR)**. The draft ESR summarizes the activities undertaken to date through Phases 1-3. The intent of this email is to provide you with the Draft Environmental Study Report for review, and to seek your input and comments.

Please kindly submit comments on the Draft ESR by Monday January 9, 2023 to italia.ponce@peelregion.ca. To assist the project team in maintaining the project schedule please advise in advance if you are unable to provide comments by this date.
The Draft ESR will be available at the following website:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

We look forward to hearing form you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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From:	Jones, Lee Anne/TOR
To:	claudia.larota@brampton.ca
Cc:	Borowiec, Laura; Newton, Dorin/TOR
Subject:	Region of Peel Request for Preconsultation
Date:	Thursday, April 25, 2019 8:18:49 AM
Attachments:	20190425_CoB_PreconsultationLetter_ClaudiaLaRota.pdf

Good morning

Please find attached the Region's request for preconsultation regarding their Class EA for Etobicoke Creek Trunk Sewer Improvements and Upgrades. Copies have also been forwarded to Michael Herallal and Michael Hoy.

Please advise of the City's availability to meet to discuss your interests in this project.

Please call should you have any questions or require additional information.

Lee Anne Jones, P. Eng. | Jacobs | Senior Project Manager - Buildings, Infrastructure & Advanced Facilities|
416.499.0090 X 73616 | 416.561.1396 cell | LeeAnne.Jones@jacobs.com | www.jacobs.com

From: LaRota, Claudia
To: Jones, Lee Anne/TOR
Cc: Borowiec, Laura; Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Region of Peel Request for Preconsultation
Date: Thursday, April 25, 2019 8:32:51 AM

Good morning Lee Anne, please note that Michael Heralall and Michael Hoy from our Public Works & Engineering Department will be the ones representing the City on this project. Please contact them to schedule a meeting:

Michael.Heralall@brampton.ca
Michael.Hoy@brampton.ca

Regards,

Claudia LaRota, MCIP, RPP
Policy Planner III, Policy Planning Division
Planning & Development Services

City of Brampton | 2 Wellington Street W | Brampton ON L6Y 4R2
T 905.874.3844 | F 905.874.2099 | E claudia.larota@brampton.ca

BRAMPTON Flower City

From: Jones, Lee Anne/TOR [mailto:LeeAnne.Jones@jacobs.com]
Sent: 2019/04/25 8:19 AM
To: LaRota, Claudia <Claudia.LaRota@brampton.ca>
Cc: Borowiec, Laura <laura.borowiec@peelregion.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: Region of Peel Request for Preconsultation

Good morning
Please find attached the Region's request for preconsultation regarding their Class EA for Etobicoke Creek Trunk Sewer Improvements and Upgrades. Copies have also been forwarded to Michael Herallal and Michael Hoy.

Please advise of the City's availability to meet to discuss your interests in this project.

Please call should you have any questions or require additional information.

Lee Anne Jones, P. Eng. | Jacobs | Senior Project Manager - Buildings, Infrastructure & Advanced Facilities|
416.499.0090 X 73616 | 416.561.1396 cell | LeeAnne.Jones@jacobs.com | www.jacobs.com

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Region of Peel
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Public Works

10 Peel Centre Dr.
Suite A
Brampton, ON
L6T 4B9
tel: 905-791-7800

peelregion.ca

April 25, 2019

Claudia LaRota
Policy Planner III
City of Brampton
2 Wellington Street West
Brampton, ON L6Y 4R2

Dear Ms. LaRota,

RE: Class EA Study for the Etobicoke Creek Trunk Sewer Improvements and Upgrades

The Region of Peel is undertaking a Municipal Class Environmental Assessment (EA) Study to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton.

The study area for this Class EA is shown in the enclosed map. However, the trunk sewers service a large catchment area extending to north of Mayfield Road, which is projected to grow by approximately 40% as per the Region's planning projections. Operational issues have arisen in the existing trunk sewers that result in capacity restrictions and are further exacerbated by the challenges of maintaining the infrastructure due to its location in the Etobicoke Creek valley, and proximity to Highways 410 and 407.

The Region has therefore initiated this study to ensure reliable sanitary service is provided to existing and future growth within the catchment area. The study will follow a Schedule C Class EA process, including notification and consultation with the public and agency stakeholders and publication of an Environmental Study Report.

As a stakeholder with key interests in this area, the Region wishes to engage with your organization at the outset of the project to understand any critical issues that should be considered in the identification and evaluation of alternative solutions. We would like the opportunity to meet with you and your staff to discuss this project in more detail and request to confirm your availability to meet before the end of May 2019.

Please contact the undersigned to confirm details for this pre-consultation meeting. We look forward to hearing from you and working together throughout this study.

Your very truly,

Laura Borowiec, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 7681
laura.borowiec@peelregion.ca

Lee Anne Jones, P. Eng.
Project Manager
Jacobs
(416) 499-9000 Ext. 73616
LeeAnne.Jones@jacobs.com

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peelregion.ca

April 25, 2019

Claudia LaRota
Policy Planner III
City of Brampton
2 Wellington Street West
Brampton, ON L6Y 4R2

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RE: Class EA Study for the Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Your very truly,

Laura Borowiec, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 7681
laura.borowiec@peelregion.ca

Lee Anne Jones, P. Eng.
Project Manager
Jacobs
(416) 499-9000 Ext. 73616
LeeAnne.Jones@jacobs.com



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Study Area

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Study Area

JACOBS

Date Saved: 4/15/2019

From:	Jones, Lee Anne/TOR
To:	michael.heralall@brampton.ca
Cc:	Borowiec, Laura; Newton, Dorin/TOR
Subject:	Region of Peel Request for Preconsultation
Date:	Thursday, April 25, 2019 8:21:41 AM
Attachments:	20190425_CoB_PreconsultationLetter_MichaelHeralall.pdf

Good morning
Please find attached the Region's request for preconsultation regarding their Class EA for Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Copies have also been forwarded to Claudia Larota and Michael Hoy and we will follow-up with Claudia to arrange a meeting to discuss the City's interests in this project.

Please call should you have any questions or require additional information.

Lee Anne Jones, P. Eng. | Jacobs | Senior Project Manager - Buildings, Infrastructure & Advanced Facilities|
416.499.0090 X 73616 | 416.561.1396 cell | LeeAnne.Jones@jacobs.com | www.jacobs.com

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10 Peel Centre Dr.
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Brampton, ON
L6T 4B9
tel: 905-791-7800

peelregion.ca

April 25, 2019

Michael Heralall
Manager/ City of Brampton
2 Wellington Street West
Brampton, ON L6Y 4R2

Dear Mr. Heralall,

RE: Class EA Study for the Etobicoke Creek Trunk Sewer Improvements and Upgrades

The Region of Peel is undertaking a Municipal Class Environmental Assessment (EA) Study to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton.

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Please contact the undersigned to confirm details for this pre-consultation meeting. We look forward to hearing from you and working together throughout this study.

Your very truly,

Laura Borowiec, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 7681
laura.borowiec@peelregion.ca

Lee Anne Jones, P. Eng.
Project Manager
Jacobs
(416) 499-9000 Ext. 73616
LeeAnne.Jones@jacobs.com

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10 Peel Centre Dr.
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L6T 4B9
tel: 905-791-7800

peelregion.ca

April 25, 2019

Michael Heralall
Manager
City of Brampton
2 Wellington Street West
Brampton, ON L6Y 4R2

Dear Mr. Heralall,

RE: Class EA Study for the Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Your very truly,

Laura Borowiec, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 7681
laura.borowiec@peelregion.ca

Lee Anne Jones, P. Eng.
Project Manager
Jacobs
(416) 499-9000 Ext. 73616
LeeAnne.Jones@jacobs.com



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Study Area

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JACOBS

Date Saved: 4/15/2019

From:	Jones, Lee Anne/TOR
To:	michael.hoy@brampton.ca
Cc:	Borowiec, Laura; Newton, Dorin/TOR
Subject:	Region of Peel Request for Preconsultation
Date:	Thursday, April 25, 2019 8:23:08 AM
Attachments:	20190425_CoB_PreconsultationLetter_MichaelHoy.pdf

Good morning
Please find attached the Region's request for preconsultation regarding their Class EA for Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Copies have also been forwarded to Claudia Larota and Michael Heralall and we will follow-up with Claudia to arrange a meeting to discuss the City's interests in this project.

Please call should you have any questions or require additional information.

Lee Anne Jones, P. Eng. | Jacobs | Senior Project Manager - Buildings, Infrastructure & Advanced Facilities|
416.499.0090 X 73616 | 416.561.1396 cell | LeeAnne.Jones@jacobs.com | www.jacobs.com

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L6T 4B9
tel: 905-791-7800

peelregion.ca

April 25, 2019

Michael Hoy
Environmental Planner/ City of Brampton
2 Wellington Street West
Brampton, ON L6Y 4R2

Dear Mr. Hoy,

RE: Class EA Study for the Etobicoke Creek Trunk Sewer Improvements and Upgrades

The Region of Peel is undertaking a Municipal Class Environmental Assessment (EA) Study to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton.

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Please contact the undersigned to confirm details for this pre-consultation meeting. We look forward to hearing from you and working together throughout this study.

Your very truly,

Laura Borowiec, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 7681
laura.borowiec@peelregion.ca

Lee Anne Jones, P. Eng.
Project Manager
Jacobs
(416) 499-9000 Ext. 73616
LeeAnne.Jones@jacobs.com

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10 Peel Centre Dr.
Suite A
Brampton, ON
L6T 4B9
tel: 905-791-7800

peelregion.ca

April 25, 2019

Michael Hoy
Environmental Planner
City of Brampton
2 Wellington Street West
Brampton, ON L6Y 4R2

Dear Mr. Hoy,

RE: Class EA Study for the Etobicoke Creek Trunk Sewer Improvements and Upgrades

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As a stakeholder with key interests in this area, the Region wishes to engage with your organization at the outset of the project to understand any critical issues that should be considered in the identification and evaluation of alternative solutions. We would like the opportunity to meet with you and your staff to discuss this project in more detail and request to confirm your availability to meet before the end of May 2019.

Please contact the undersigned to confirm details for this pre-consultation meeting. We look forward to hearing from you and working together throughout this study.

Your very truly,

Laura Borowiec, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 7681
laura.borowiec@peelregion.ca

Lee Anne Jones, P. Eng.
Project Manager
Jacobs
(416) 499-9000 Ext. 73616
LeeAnne.Jones@jacobs.com



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Study Area

Legend

Study Area

JACOBS

Date Saved: 4/15/2019

From: Kaur, Rupinder <Rupinder.Kaur@brampton.ca> **On Behalf Of** Bowman, Jeff - Councillor
Sent: Tuesday, July 23, 2019 2:03 PM
To: Polga, Miriam <miriam.polga@peelregion.ca>; Bowman, Jeff - Councillor <Jeff.Bowman@brampton.ca>
Cc: Iannicca, Nando <nando.iannicca@peelregion.ca>; Farr, Andrew <andrew.farr@peelregion.ca>; Reynolds, Lori <lori.reynolds@peelregion.ca>; Anthony Parente <anthony.parente@peelregion.ca>; Herod, Sue <sue.herod@peelregion.ca>; Motala, Imran <imran.motala@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Borowiec, Laura <laura.borowiec@peelregion.ca>; Kaur, Rupinder <Rupinder.Kaur@brampton.ca>
Subject: [EXTERNAL] RE: Class EA for Etobicoke Creek Trunk Sewer Improvements and Upgrades

Good afternoon Ms. Borowiec,

Our very sincere apologies for missing your email and not responding sooner – it seems to have gone into another inbox folder.

Thank you for contacting Councillor Bowman and updating him on this important EA study on the Etobicoke Creek Trunk Sewer.

As the study moves ahead, he would appreciate being updated on the progress and findings.

Thanks again and apologies again!
Rupinder

Rupinder Kaur | Executive Assistant
Supporting City Councillor Jeff Bowman, Wards 3 & 4
City of Brampton, Council Office
2 Wellington Street West, Brampton ON, L6Y 4R2
T: 905-874-2635 | Rupinder.Kaur@brampton.ca

From: Polga, Miriam <miriam.polga@peelregion.ca>
Sent: 2019/07/04 3:09 PM
To: Bowman, Jeff - Councillor <Jeff.Bowman@brampton.ca>
Cc: Iannicca, Nando <nando.iannicca@peelregion.ca>; Farr, Andrew <andrew.farr@peelregion.ca>; Reynolds, Lori <lori.reynolds@peelregion.ca>; Parente, Anthony <anthony.parente@peelregion.ca>; Herod, Sue <sue.herod@peelregion.ca>; Motala, Imran <imran.motala@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Borowiec, Laura <laura.borowiec@peelregion.ca>
Subject: Class EA for Etobicoke Creek Trunk Sewer Improvements and Upgrades

Good afternoon Councillor Bowman,

I am leading a Municipal Class Environmental Assessment (EA) study in Brampton Ward 3 for the Etobicoke Creek Trunk Sewer Improvements and Upgrades. The Notice of Commencement is provided in the attached file.

The intent of this email is to introduce you to the project and request information about any active community groups that you believe should be included in this Class EA planning process. Public participation is important and we would like to ensure a comprehensive public and agency consultation process.

Anthony Parente, Acting General Manager for the Region of Peel and the project team are available to meet with you should you request it prior to our first Public Information Centre scheduled for later this Fall 2019.

In the meantime, if you have any questions or comments, please let me know.

Sincerely,
Laura Borowiec, P.Eng.
Project Manager
Infrastructure Planning & Studies, Growth, Groundwater & Source Water Protection
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Tuesday, December 8, 2020 10:55 AM
To: Newton, Dorin/TOR
Cc: Jones, Lee Anne/TOR
Subject: FW: [EXTERNAL]Etobicoke Creek Trunk Sewer Improvements and Upgrades project - Schedule C Class EA

Hi Dorin

This is the email from the councillor Bowman's exec assistant about Councillor Medeiros exec assistant Priya Gandhi.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you
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From: Kaur, Rupinder <Rupinder.Kaur@brampton.ca>
Sent: November 26, 2020 8:16 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: [EXTERNAL]Etobicoke Creek Trunk Sewer Improvements and Upgrades project -Schedule C Class EA

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Thanks Italia, if Councillor Bowman has any questions, we will certainly follow-up with you.

And FYI – I don't work for Councillor Medeiros but I have forwarded his notice to his EA, Priya Gandhi.

Thanks,
Rupinder

Rupinder Kaur | Executive Assistant
Supporting City Councillor Jeff Bowman, Wards 3 & 4
City of Brampton, Council Office
2 Wellington Street West, Brampton ON, L6Y 4R2
T: 905-874-2635 | Rupinder.Kaur@brampton.ca

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: 2020/11/26 6:42 PM
To: Bowman, Jeff - Councillor <Jeff.Bowman@brampton.ca>
Cc: Kaur, Rupinder <Rupinder.Kaur@brampton.ca>
Subject: [EXTERNAL]Etobicoke Creek Trunk Sewer Improvements and Upgrades project -Schedule C Class EA

Good Evening Councillor Bowman,

I am leading a Municipal Class Environmental Assessment (EA) study in Brampton Ward 3 and Mississauga Ward 5 for the Etobicoke Creek Trunk Sewer Improvements and Upgrades project.
The Notice of Online Public Engagement #1 and a Councillor Briefing is provided in the attached files.

The intent of this email is to update you on the status of the project and request any feedback that you may have on the information presented. The Councillor Briefing contains more detailed information on the project as well as the link to the material being presented at the Online Public Engagement. In previous weeks we had the opportunity to meet with Toronto Region Conservation authority, staff from the City of Brampton and City of Mississauga and have received preliminary comments from them. As you know, public participation is an integral part of the EA process, and we would like to ensure a comprehensive public and agency consultation process.

The project team are available to meet with you should you request it. In the meantime, if you have any questions or comments, please let me know.

Sincerely,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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Newton, Dorin/TOR

From: Damer, Nash <Nash.Damer@brampton.ca>
Sent: Tuesday, December 15, 2020 2:13 PM
To: Newton, Dorin/TOR
Subject: Automatic reply: [EXTERNAL]RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Please be advised that Damer, Nash no longer works for the City of Brampton.

Please contact Medeiros, Mark at Mark.Medeiros@brampton.ca or at 905-874-2520 for any assistance.

Thank You. Please review the City of Brampton e-mail disclaimer statement at: http://www.brampton.ca/EN/Online-Services/Pages/Privacy-Statement.aspx

Newton, Dorin/TOR

From: Newton, Dorin/TOR
Sent: Tuesday, January 19, 2021 2:55 PM
To: 'Michael.Heralall@brampton.ca'; 'Michael.Hoy@brampton.ca'; 'Thususka, Kristine'; 'Jessica.Pirraglia@brampton.ca'; 'Steve.Bodrug@brampton.ca'; 'nash.damer@brampton.ca'; 'Fagan, Edward (Parks)'
Cc: 'Ponce Vanelli, Italia'; Jones, Lee Anne/TOR
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Good afternoon,

Further to our email of December 15, 2020, the period of Online Engagement has ended for the Region of Peel's Etobicoke Creek Trunk Sewer Environmental Assessment. The Region intends to proceed with Phase 3 – Evaluation of Alternative Designs, based on the preferred alignment presented at our meeting held on November 9, 2020; the Deep Trunk Alternative. Phase 3 of the EA will look into refining this alternative and selecting a preferred method/ design concept to construct a new sewer along this alignment. When the Phase 3 analysis is complete, we will arrange a follow-up meeting with the City of Brampton to present the evaluation, findings and next steps. Please do not hesitate to contact us should you have any comments.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
O:+00.416.499.0090 Ext. 73713 | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

---

From: Newton, Dorin/TOR
Sent: Tuesday, December 15, 2020 2:13 PM
To: Michael.Heralall@brampton.ca; Michael.Hoy@brampton.ca; Thususka, Kristine <Kristine.Thususka@brampton.ca>; Jessica.Pirraglia@brampton.ca; Steve.Bodrug@brampton.ca; nash.damer@brampton.ca; Fagan, Edward (Parks) <Edward.Fagan@brampton.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Good afternoon,

Thank you for meeting with us (*November 9, 2020*) to review the identification of the preferred alternative for the Etobicoke Creek Trunk Sewer Upgrade. As per the Notice sent out November 26th , the Region requested comments by December 11, 2020 and we wish to follow-up to confirm if the City has any comments/concerns to be considered prior to the Region finalizing Phase 2 of the Class EA.

Please provide comments by December 22nd to Italia Ponce, copied on this email.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
O:+00.416.499.0090 Ext. 73713 | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

From: Newton, Dorin/TOR
Sent: Thursday, November 26, 2020 2:50 PM
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Good afternoon,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified a preliminary preferred alternative and would like to confirm this with input from the public and stakeholders. Please see attached Notice for details on how to access the Region's *Online Public Engagement* material.

Please direct any comments to Italia Ponce, copied on this email. Comments will be received until December 11, 2020.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering

On behalf of:

Italia Ponce, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 4583
italia.ponce@peelregion.ca

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Tuesday, May 31, 2022 2:41 AM
To: To: Thususka, Kristine; Pirraglia, Jessica; Steve.Bodrug@brampton.ca; Fagan, Edward (Parks); Hoy, Michael; Heralall, Michael; LaRota, Claudia; Liu, Maggie; McNeill, Andrew; Kallideen, Marlon; Marion Nader; michael.won; Oldford, Steven
Cc: alice.herculson@brampton.ca; Quarrington, Brock; Gulati, Rajat; Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer EA _PrePIC 2 meeting with City of Brampton
Attachments: 20220511_CoB_PrePIC2Meeting_Summary_Final.pdf; Etobicoke Creek EA_PIC 2 boards 20220518.pdf

Hello everyone

Attached are the minutes/summary of our meeting on May 11. Also please find a copy of the material that is being presented for PIC2. I have also included the link to our website in the event you wish to review the previous PIC 1 material. Any comments regarding the material or the information presented in the minutes please forward those to me directly by June 27.

Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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-----Original Appointment-----
From: Ponce Vanelli, Italia
Sent: April 11, 2022 2:00 PM
To: Ponce Vanelli, Italia; To: Thususka, Kristine; Pirraglia, Jessica; Steve.Bodrug@brampton.ca; Fagan, Edward (Parks); Hoy, Michael; Heralall, Michael; LaRota, Claudia; Liu, Maggie; McNeill, Andrew; Kallideen, Marlon; Marion.Nader@brampton.ca; Michael.Won@brampton.ca; Newton, Dorin/TOR; Mahood, Tom/KWO; Oldford, Steven
Cc: alice.herculson@brampton.ca; Quintero, Camilo/TOR; Quarrington, Brock; Gulati, Rajat
Subject: Etobicoke Creek Trunk Sewer EA _PrePIC 2 meeting with City of Brampton
When: May 11, 2022 9:30 AM-10:30 AM (UTC-05:00) Eastern Time (US & Canada).
Where: Microsoft Teams Meeting

update on the Etobicoke Creek Trunk Sewer EA and discussion of material to be presented at PIC 2

Agenda to follow

Microsoft Teams meeting

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From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: January 20, 2023 3:02 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Silva, Roger <roger.silva@peelregion.ca>; Thomas, Shajin <shajin.thomas@peelregion.ca>; Mulcahy, Grace <grace.mulcahy@peelregion.ca>; Zare, Mina <mina.zare@peelregion.ca>
Subject: FW: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Hi Italia,
Our Traffic Engineering teams have reviewed the draft ESR and have the following comments:

Traffic Safety – Roger Silva

- Adherence to Book 7
- Traffic team must be notified of any impacts to Regional Roads as a result of construction (e.g., lane closures, etc.)

Traffic Signals and Streetlighting – Shajin Thomas

- TIA states there will be traffic increase during construction but details about the volume or frequency per hour not provided. It is mentioned in the memorandum that the increase is minor in nature, but it would be helpful for us to know what those values would be. Considering that they are planning work outside peak hours, we assume based on the TIA that it won't impact the Region's signalized intersection operations.

Traffic Operations – Grace Mulcahy

- Traffic team must be notified of any potential impacts to Regional Roads as a result of construction (e.g., lane closures, etc.) and additional pre-construction activities (e.g., surveying, geotechnical investigation, etc.) as appropriate.
- Ensure adherence to Book 7, including appropriate signage must be provided to ensure sufficient notice is provided to all road users (e.g., sidewalk closures, lane closures, etc.)
- Coordination required regarding the traffic management plan and road occupancy permit for Regional Roads prior to construction.
- Provision of mud-tracking as appropriate during construction.

Traffic Development and Permits – Mina Zare

- All the accesses on Dixie Road between Derry Road and Khalsa Road need to be maintained all the time during the project work.
- Please note Traffic Development and Permits would like to have the opportunity to have comments at the design stages.
- Proposed temporary construction accesses or permanent accesses needs to be evaluate as per the Region of Peel Access Control By-law and the spacing requirement as per the Road Characterization Study.
- Road Occupancy Permit is required for the works on the Region of Peel's right of ways.

We look forward to receiving your response comments.

Thanks,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies
Transportation Division
Public Works, Region of Peel
Asha.Saddi@peelregion.ca



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From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: December 5, 2022 3:52 PM
To: Banuri, Syeda <syeda.banuri@peelregion.ca>; Carrick, Sean <sean.carrick@peelregion.ca>; Crawford, Heather <heather.crawford@peelregion.ca>; Crawford, Mark <mark.crawford@peelregion.ca>; Detaramani, Tina <tina.detaramani@peelregion.ca>; Eberhardt, Daniel <daniel.eberhardt@peelregion.ca>; Gnoyke, Danielle <danielle.gnoyke@peelregion.ca>; Hamdani, Hashim <hashimali.hamdani@peelregion.ca>; Jamroz, Damian <damian.jamroz@peelregion.ca>; Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>; Paquette, Samantha <samantha.paquette@peelregion.ca>; Perez, Julian <julian.perez@peelregion.ca>; Toy, William <william.toy@peelregion.ca>; Van Boxmeer, Kyle <kyle.vanboxmeer@peelregion.ca>; Zia, Solmaz <solmaz.zia@peelregion.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: FW: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades - REPLY BY JAN 5

Hello Transportation teams,
The draft ESR for Peel's Schedule C Etobicoke Creek Trunk Sewer Improvements and Upgrades EA is ready for review and can be accessed from the project website at:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

Please review the ESR and forward any comments or concerns to me by **Thursday, January 5**.

Regards,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies
Transportation Division
Public Works, Region of Peel
Asha.Saddi@peelregion.ca

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From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: December 1, 2022 2:10 PM
To:
Cc:
Subject: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

We have completed Phase 1-3 of the Municipal Class EA process and have prepared the **draft Environmental Study Report (ESR)**. The draft ESR summarizes the activities undertaken to date through Phases 1-3. The intent of this email is to provide you with the Draft Environmental Study Report for review, and to seek your input and comments.

Please kindly submit comments on the Draft ESR by Monday January 9, 2023 to italia.ponce@peelregion.ca. To assist the project team in maintaining the project schedule please advise in advance if you are unable to provide comments by this date.
The Draft ESR will be available at the following website:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

We look forward to hearing form you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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Study Area

Legend

Study Area

JACOBS

Date Saved: 4/15/2019

Newton, Dorin/TOR

From: Auryn Soares <Auryn.Soares@mississauga.ca>
Sent: Friday, November 27, 2020 3:17 PM
To: Newton, Dorin/TOR
Cc: Ponce Vanelli, Italia; Evelyn Krolicka
Subject: [EXTERNAL] FW: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA
Attachments: MSP3416908_hr (1).pdf

Good afternoon,

Thank you for you email and for continuing to engage the City on the subject EA. Kindly note that future notifications should be sent to **Evelyn Krolicka** (copied).



Regards,

Auryn Soares
Storm Drainage Coordinator, Environmental Services
T 905-615-3200 ext.3363
auryn.soares@mississauga.ca

City of Mississauga | Transportation & Works Department,
Infrastructure Planning & Engineering Services Division

From: Newton, Dorin/TOR < >
Sent: November 26, 2020 2:50 PM
Cc: Ponce Vanelli, Italia < >
Subject: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Good afternoon,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified a preliminary preferred alternative and would like to confirm this with input from the public and stakeholders. Please see attached Notice for details on how to access the Region's *Online Public Engagement* material.

Please direct any comments to Italia Ponce, copied on this email. Comments will be received until December 11, 2020.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering

On behalf of:

Italia Ponce, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 4583
italia.ponce@peelregion.ca

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Newton, Dorin/TOR

From: Evelyn Krolicka <Evelyn.Krolicka@mississauga.ca>
Sent: Thursday, December 17, 2020 9:32 AM
To: Newton, Dorin/TOR
Cc: Ponce Vanelli, Italia
Subject: [EXTERNAL] RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hello Dorin,

Thank you for providing the city with the project overview.
At this time we did not receive any comments regarding the project.
I can anticipate that as the project gets further along however there will be more feedback and comments. Please provide the city with updates as the project progresses.

Thanks,
Evelyn

From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Tuesday, December 15, 2020 2:08 PM
To: Evelyn Krolicka <Evelyn.Krolicka@mississauga.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Good afternoon,

Thank you for meeting with us (*November 16, 2020*) to review the identification of the preferred alternative for the Etobicoke Creek Trunk Sewer Upgrade. As per the Notice sent out November 26th , the Region requested comments by December 11, 2020 and we wish to follow-up to confirm if the City has any comments/concerns to be considered prior to the Region finalizing Phase 2 of the Class EA.

Please provide comments by December 22nd to Italia Ponce, copied on this email.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
O:+00.416.499.0090 Ext. 73713 | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

---

From: Newton, Dorin/TOR
Sent: Thursday, November 26, 2020 2:50 PM
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Good afternoon,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified a preliminary preferred alternative

and would like to confirm this with input from the public and stakeholders. Please see attached Notice for details on how to access the Region's *Online Public Engagement* material.

Please direct any comments to Italia Ponce, copied on this email. Comments will be received until December 11, 2020.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering

On behalf of:

Italia Ponce, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 4583
italia.ponce@peelregion.ca

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Friday, June 17, 2022 4:07 PM
To: Evelyn Krolicka; Brandon Williams; Michael Hynes; Romas Juknevicius
Cc: Varghese George; Paula Wubbenhorst; Chris Rouse; Cassin, Marianne; Sheryl.badin; Muneef.Ahmad; Scott Perry; Bill Moffatt; Scott Sorensen; Stefan Szczepanski; Joe Perrotta; John Dunlop; Jevito Marchese; Janeth Huab; Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvement & Upgrades EA - PIC 2 Update
Attachments: 20220519_CoM_PIC2Meeting_Summary_Final.pdf; Etobicoke Creek EA_PIC 2 boards 20220518.pdf

Hello everyone
Thank you for attending the meeting with the Region on the Etobicoke Creek Trunk Sewer Improvements & Upgrades EA on May 19.
Attached is the meeting summary and the information that was published for PIC 2 for public review.

As discussed in our meeting, only Segments 3 and 4 for the preferred alignment and design concept will impact the City of Mississauga.

Segment 3, which is being tunneled and Segment 4, which is proposed to be open cut construction, will require working and permanent easements.
Additionally investigations such as Geotech/hydrogeological and SUE will be undertaken in the next few months in order to finalize preliminary design, thus Consent to enter agreements and park permits will be required to carry out some of this work.

If you have any questions or comments regarding the material or the meeting summary, please contact me directly.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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-----Original Appointment-----
From: Ponce Vanelli, Italia
Sent: May 11, 2022 1:55 PM

To: Ponce Vanelli, Italia; Evelyn Krolicka; Mahood, Tom/KWO; Quintero, Camilo/TOR; Newton, Dorin/TOR; Oldford, Steven; Brandon Williams; Michael Hynes; Romas Juknevicius
Cc: Varghese George; Paula Wubbenhorst; Chris Rouse; Marianne Cassin; Sheryl Badin; Muneef Ahmad; Scott Perry; Bill Moffatt; Scott Sorensen; Stefan Szczepanski; Joe Perrotta; John Dunlop; Jevito Marchese; Janeth Huab
Subject: Etobicoke Creek Trunk Sewer Improvement & Upgrades EA - PIC 2 Update
When: May 19, 2022 11:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Microsoft Teams Meeting

Agenda and Material that will be presented at PIC 2 will be sent to you by the end of the week for review. I have also included the project's website and the Notice of PIC 2 for your reference.

Please forward this meeting to any staff that will be interested in attending this meeting.

Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)

Microsoft Teams meeting

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Monday, June 20, 2022 1:22 PM
To: Newton, Dorin/TOR
Subject: [EXTERNAL] Fw: Etobicoke Creek Trunk Sewer Improvement & Upgrades EA - PIC 2 Update

Fyi

Italia Ponce, P. Eng.
Project Manager - Infrastructure Planning
Water &Wastewater Division
10 Peel Centre Dr. Suite A
Brampton L6T 4B9
905-791-7800 ext.4583

From: Janeth Huab <Janeth.Huab@mississauga.ca>
Sent: June 20, 2022 8:42 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Etobicoke Creek Trunk Sewer Improvement & Upgrades EA - PIC 2 Update

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Good morning Italia,

Kindly remove me from the distribution list for this project. My colleague, Varghese George is involved in this project.

Thank you,
Janeth

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: 2022/06/17 4:07 PM
To: Evelyn Krolicka <Evelyn.Krolicka@mississauga.ca>; Brandon Williams <Brandon.Williams@mississauga.ca>; Michael Hynes <Michael.Hynes@mississauga.ca>; Romas Juknevicius <Romas.Juknevicius@mississauga.ca>
Cc: Varghese George <Varghese.George@mississauga.ca>; Paula Wubbenhorst <Paula.Wubbenhorst@mississauga.ca>; Chris Rouse <Chris.Rouse@mississauga.ca>; Marianne Cassin <Marianne.Cassin@mississauga.ca>; Sheryl Badin <Sheryl.Badin@mississauga.ca>; Muneef Ahmad <Muneef.Ahmad@mississauga.ca>; Scott Perry <Scott.Perry@mississauga.ca>; Bill Moffat <Bill.Moffatt@mississauga.ca>; Scott Sorensen <Scott.Sorensen@mississauga.ca>; Stefan Szczepanski <Stefan.Szczepanski@mississauga.ca>; Joe Perrotta <Joe.Perrotta@mississauga.ca>; John Dunlop <John.Dunlop@mississauga.ca>; Jevito Marchese <Jevito.Marchese@mississauga.ca>; Janeth Huab <Janeth.Huab@mississauga.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvement & Upgrades EA - PIC 2 Update

Hello everyone

Thank you for attending the meeting with the Region on the Etobicoke Creek Trunk Sewer Improvements & Upgrades EA on May 19.
Attached is the meeting summary and the information that was published for PIC 2 for public review.

As discussed in our meeting, only Segments 3 and 4 for the preferred alignment and design concept will impact the City of Mississauga.

Segment 3, which is being tunneled and Segment 4, which is proposed to be open cut construction, will require working and permanent easements.
Additionally investigations such as Geotech/hydrogeological and SUE will be undertaken in the next few months in order to finalize preliminary design, thus Consent to enter agreements and park permits will be required to carry out some of this work.

If you have any questions or comments regarding the material or the meeting summary, please contact me directly.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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-----Original Appointment-----
From: Ponce Vanelli, Italia
Sent: May 11, 2022 1:55 PM
To: Ponce Vanelli, Italia; Evelyn Krolicka; Mahood, Tom/KWO; Quintero, Camilo/TOR; Newton, Dorin/TOR; Oldford, Steven; Brandon Williams; Michael Hynes; Romas Juknevicius
Cc: Varghese George; Paula Wubbenhorst; Chris Rouse; Marianne Cassin; Sheryl Badin; Muneef Ahmad; Scott Perry; Bill Moffatt; Scott Sorensen; Stefan Szczepanski; Joe Perrotta; John Dunlop; Jevito Marchese; Janeth Huab
Subject: Etobicoke Creek Trunk Sewer Improvement & Upgrades EA - PIC 2 Update
When: May 19, 2022 11:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Microsoft Teams Meeting

Agenda and Material that will be presented at PIC 2 will be sent to you by the end of the week for review. I have also included the project's website and the Notice of PIC 2 for your reference.

Please forward this meeting to any staff that will be interested in attending this meeting.

Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)

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Newton, Dorin/TOR

From: Evelyn Krolicka <Evelyn.Krolicka@mississauga.ca>
Sent: Friday, June 24, 2022 2:39 PM
To: Ponce Vanelli, Italia
Cc: Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvement & Upgrades EA - PIC 2 Update
Attachments: Etobicoke Creek Trunk Sewer- May 19th 2022 Comments.pdf

Italia,

Please see City Comments from the meeting on May 19th 2022.

Thanks,

Evelyn Krolicka
905-615-3200 ext. 5921
evelyn.krolicka@mississauga.ca

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
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Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)

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Italia Ponce
Region of Peel
10 Peel Centre Dr.
Suite A – 4th Floor
Brampton ON
L6T 4B9

City of Mississauga
Transportation & Works
Suite 800 - 201 City Centre Drive
Mississauga ON L5B 4E4

June 23, 2022

Re: Region of Peel Etobicoke Creek Trunk Sewer Improvements & Upgrades EA

Dear Italia Ponce,

Thank you for the opportunity to provide feedback on the subject project. The project provided had been circulated to staff at the City of Mississauga and the feedback received has been compiled below for your consideration.

Transportation & Works
Transportation Projects have reviewed and offer the following observations:
1. Within the City of Mississauga's jurisdiction are Segments 3 and 4, which include proposed Shafts 5 and 6. Below I've clipped and highlighted.
2. The City has identified a new 4-lane Drew Road from just west of Dixie Road to Tomken Road. This project is currently unfunded and start of construction is anticipated in the 2029 timeframe. Funding and timing to be confirmed as part of annual Council review and prioritization. Below is a map which includes the City's Capital Projects and approximate alignment of truck sewer and Shaft locations.
3. Shaft #6 appears to be located within City of Mississauga lands at Kings Park. We presume that Park staff will comment and coordinate any future property/easements and construction activities. Preliminary Shaft #6 location graphic below.
4. The City has identified a new 4-lane Drew Road from just west of Dixie Road to Tomken Road. This project is currently unfunded and start of construction is anticipated in the 2029 timeframe. Funding and timing to be confirmed as part of annual Council review and prioritization.

Community Service
No comments received.
Corporate Services
No comments received.

Should you have any questions or require further information, please do not hesitate to contact the undersigned.

Sincerely,

Evelyn Krolicka
Storm Drainage Technologist
Environmental Services
City of Mississauga
T 905-615-3200 ext.5921
evelyn.krolicka@mississauga.ca

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Wednesday, June 29, 2022 3:49 PM
To: Newton, Dorin/TOR
Cc: Mahood, Tom/KWO
Subject: [EXTERNAL] FW: Etobicoke Creek Trunk Sewer Improvement & Upgrades EA - PIC 2 Update

See email below.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Evelyn Krolicka <Evelyn.Krolicka@mississauga.ca>
Sent: June 29, 2022 3:39 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: FW: Etobicoke Creek Trunk Sewer Improvement & Upgrades EA - PIC 2 Update

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Italia,

See below email and maps.

Thanks,

Evelyn Krolicka
905-615-3200 ext. 5921
evelyn.krolicka@mississauga.ca

From: Jeffrey Reid <Jeffrey.Reid@mississauga.ca>
Sent: Thursday, May 26, 2022 9:29 AM
To: Evelyn Krolicka <Evelyn.Krolicka@mississauga.ca>
Cc: Jeremy Blair <Jeremy.Blair@mississauga.ca>
Subject: RE: Etobicoke Creek Trunk Sewer Improvement & Upgrades EA - PIC 2 Update

Hi Evelyn,

Thank-you for circulating the materials for the Region's Etobicoke Creek Truck Sewer EA Study.

Transportation Projects have reviewed and offer the following observations:

1. Within the City of Mississauga's jurisdiction are Segments 3 and 4, which include proposed Shafts 5 and 6. Below I've clipped and highlighted.
2. The City has identified a new 4-lane Drew Road from just west of Dixie Road to Tomken Road. This project is currently unfunded and start of construction is anticipated in the 2029 timeframe. Funding and timing to be confirmed as part of annual Council review and prioritization. Below is a map which includes the City's Capital Projects and approximate alignment of truck sewer and Shaft locations.
3. Shaft #6 appears to be located within City of Mississauga lands at Kings Park. We presume that Park staff will comment and coordinate any future property/easements and construction activities. Preliminary Shaft #6 location graphic below.

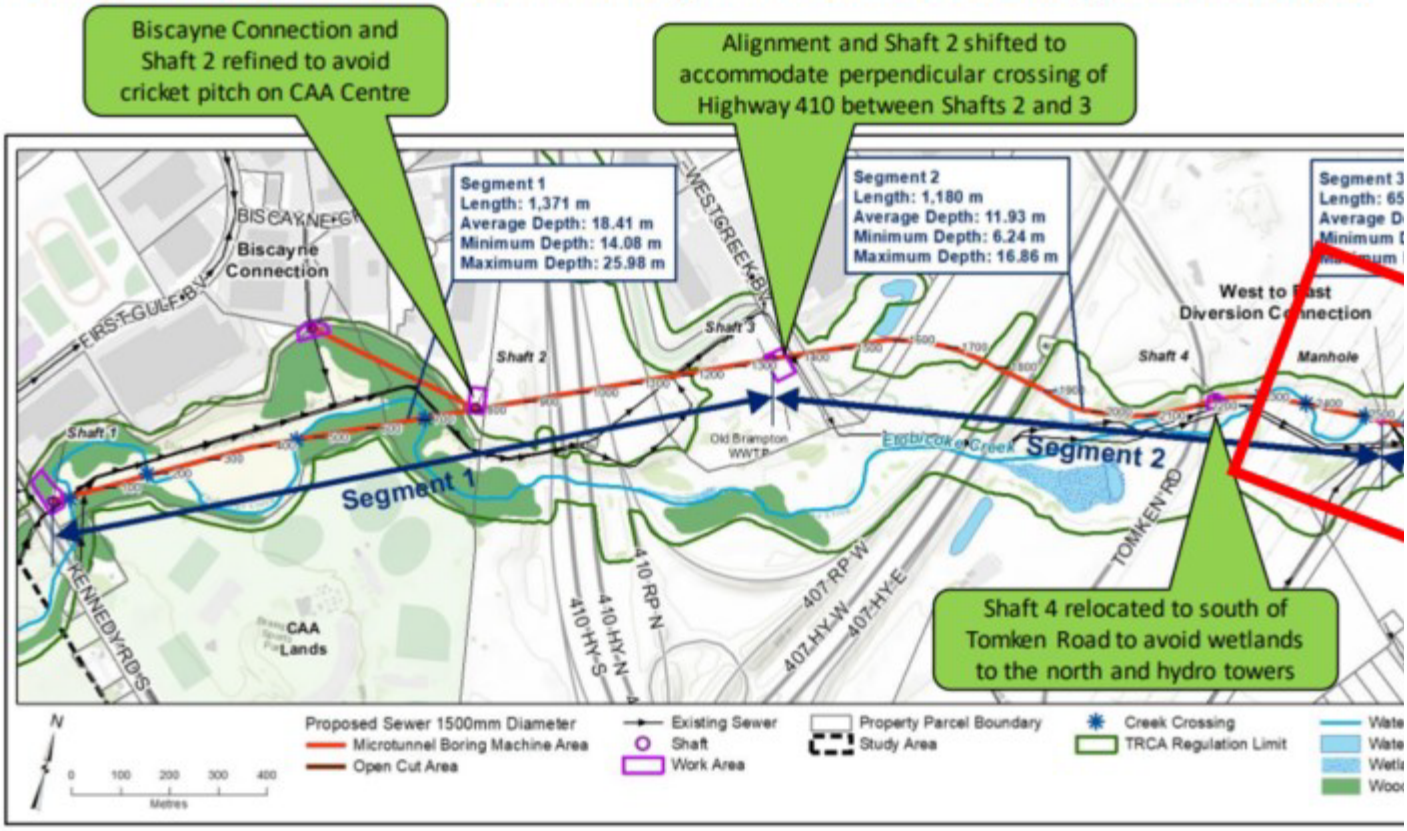
In terms of comments to be sent to the Region, please include:

- **The City has identified a new 4-lane Drew Road from just west of Dixie Road to Tomken Road. This project is currently unfunded and start of construction is anticipated in the 2029 timeframe. Funding and timing to be confirmed as part of annual Council review and prioritization.**

Thank-you for coordinating the City's comments and please let me know if there are any follow-up questions.

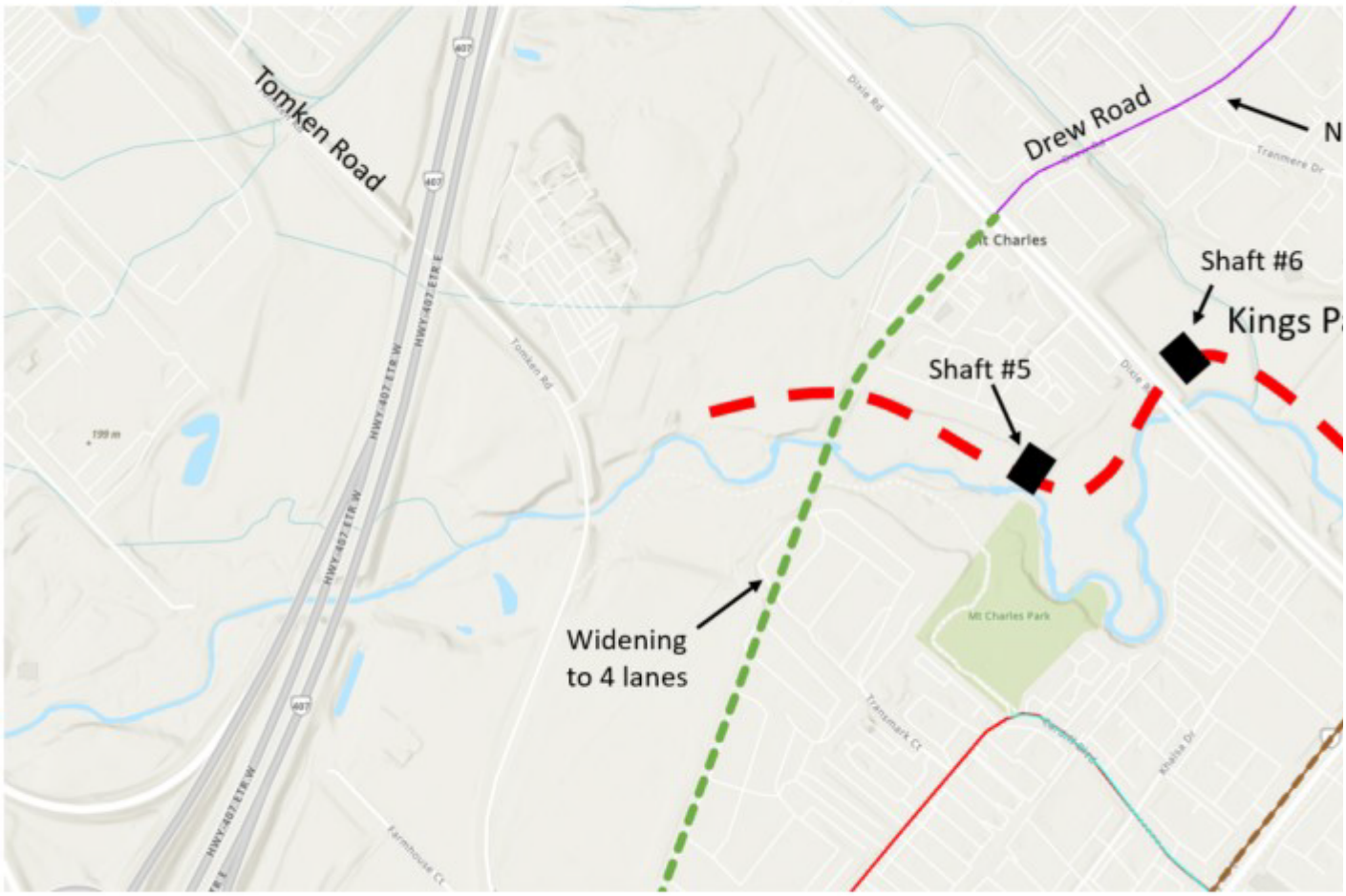
Thanks,
Jeff

Phase 3: Refined Preliminary Preferred Design Concept



Approximate location of Mississauga's jurisdiction.

City of Mississauga - Capital Projects



Approximate alignment of Etobicoke Trunk Sewer within the City of Missi

Approximate location of proposed Shafts (5 & 6).

Phase 3: Preliminary Shaft Locations –Shaft 6



From: Evelyn Krolicka <Evelyn.Krolicka@mississauga.ca>
Sent: Wednesday, May 18, 2022 2:54 PM
To: Abdul Shaikh <Abdul.Shaikh@mississauga.ca>; Albert Greaves <Albert.Greaves@mississauga.ca>; Alessandro Torresan <Alessandro.Torresan@mississauga.ca>; Alice Ho <Alice.Ho@mississauga.ca>; Andy Bate <Andy.Bate@mississauga.ca>; Bill Moffatt <Bill.Moffatt@mississauga.ca>; Brandon Williams <Brandon.Williams@mississauga.ca>; Chris Rouse <Chris.Rouse@mississauga.ca>; Dianne Zimmerman <Dianne.Zimmerman@mississauga.ca>; Gavin Longmuir <Gavin.Longmuir@mississauga.ca>; Hugh Lynch <Hugh.Lynch@mississauga.ca>; Imshun Je <Imshun.Je@mississauga.ca>; Jacqueline Elias <Jacqueline.Elias@mississauga.ca>; Janeth Huab <Janeth.Huab@mississauga.ca>; Jeffrey Reid <Jeffrey.Reid@mississauga.ca>; Jeremy Blair <Jeremy.Blair@mississauga.ca>; Jevito Marchese <Jevito.Marchese@mississauga.ca>; Joe Perrotta <Joe.Perrotta@mississauga.ca>; John Dunlop <John.Dunlop@mississauga.ca>; Leslie Green <Leslie.Green@mississauga.ca>; Lin Rogers <Lin.Rogers@mississauga.ca>; Lincoln Kan <Lincoln.Kan@mississauga.ca>; Marianne Cassin <Marianne.Cassin@mississauga.ca>; Matthew Sweet <Matthew.Sweet@mississauga.ca>; Michael Hynes <Michael.Hynes@mississauga.ca>; Michael Tunney <Michael.Tunney@mississauga.ca>; Muneef Ahmad <Muneef.Ahmad@mississauga.ca>; Nigel Robinson <Nigel.Robinson@mississauga.ca>; Patrick Murphy <Patrick.Murphy@mississauga.ca>; Paula Wubbenhorst <Paula.Wubbenhorst@mississauga.ca>; Raazia Zahra <Raazia.Zahra@mississauga.ca>; Romas Juknevicius <Romas.Juknevicius@mississauga.ca>; Sangita Manandhar <Sangita.Manandhar@mississauga.ca>; Scott Perry <Scott.Perry@mississauga.ca>; Sharon Chapman <sharon.chapman@mississauga.ca>; Sheryl Badin

<Sheryl.Badin@mississauga.ca>; Silvio Cesario <Silvio.Cesario@mississauga.ca>; Stefan Szczepanski <Stefan.Szczepanski@mississauga.ca>; Varghese George <Varghese.George@mississauga.ca>; Zeljko Subic <Zeljko.Subic@mississauga.ca>
Subject: FW: Etobicoke Creek Trunk Sewer Improvement & Upgrades EA - PIC 2 Update

Good Afternoon,

Please see attached meeting agenda and materials for tomorrow's meeting with the Region of Peel, which will be providing an update on the Etobicoke Creek Trunk Sewer EA. The Virtual PIC #2 for this project is now live and can be found here.

Please provide any comments regarding the meeting materials or the PIC #2 to me by **June 1st, 2022.**

Regards,

Evelyn Krolicka
905-615-3200 ext. 5921
evelyn.krolicka@mississauga.ca

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Monday, May 16, 2022 1:37 PM
To: Evelyn Krolicka <Evelyn.Krolicka@mississauga.ca>; Oldford, Steven <steven.oldford@peelregion.ca>; Brandon Williams <Brandon.Williams@mississauga.ca>; Michael Hynes <Michael.Hynes@mississauga.ca>; Romas Juknevicius <Romas.Juknevicius@mississauga.ca>
Cc: Varghese George <Varghese.George@mississauga.ca>; Paula Wubbenhorst <Paula.Wubbenhorst@mississauga.ca>; Chris Rouse <Chris.Rouse@mississauga.ca>; Marianne Cassin <Marianne.Cassin@mississauga.ca>; Sheryl Badin <Sheryl.Badin@mississauga.ca>; Muneef Ahmad <Muneef.Ahmad@mississauga.ca>; Scott Perry <Scott.Perry@mississauga.ca>; Bill Moffatt <Bill.Moffatt@mississauga.ca>; Scott Sorensen <Scott.Sorensen@mississauga.ca>; Stefan Szczepanski <Stefan.Szczepanski@mississauga.ca>; Joe Perrotta <Joe.Perrotta@mississauga.ca>
Subject: RE: Etobicoke Creek Trunk Sewer Improvement & Upgrades EA - PIC 2 Update

Hello everyone
Attached is the agenda for our meeting on Thursday, May 19 as well as the material that will be presented at the meeting.
If you have any questions please feel free to contact me.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)

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Newton, Dorin/TOR

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Sent: Wednesday, June 29, 2022 3:36 PM
To: Evelyn Krolicka
Cc: Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvement & Upgrades EA - PIC 2 Update

Hi Evelyn
Would you be able to send the map mentioned in the letter as it was not included?

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
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Subject: RE: Etobicoke Creek Trunk Sewer Improvement & Upgrades EA - PIC 2 Update

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Italia,

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Thanks,

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Italia Ponce, P.Eng.
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Infrastructure Planning- Water & Wastewater Division
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Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: January 20, 2023 3:02 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Silva, Roger <roger.silva@peelregion.ca>; Thomas, Shajin <shajin.thomas@peelregion.ca>; Mulcahy, Grace <grace.mulcahy@peelregion.ca>; Zare, Mina <mina.zare@peelregion.ca>
Subject: FW: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Hi Italia,
Our Traffic Engineering teams have reviewed the draft ESR and have the following comments:

Traffic Safety – Roger Silva

- Adherence to Book 7
- Traffic team must be notified of any impacts to Regional Roads as a result of construction (e.g., lane closures, etc.)

Traffic Signals and Streetlighting – Shajin Thomas

- TIA states there will be traffic increase during construction but details about the volume or frequency per hour not provided. It is mentioned in the memorandum that the increase is minor in nature, but it would be helpful for us to know what those values would be. Considering that they are planning work outside peak hours, we assume based on the TIA that it won't impact the Region's signalized intersection operations.

Traffic Operations – Grace Mulcahy

- Traffic team must be notified of any potential impacts to Regional Roads as a result of construction (e.g., lane closures, etc.) and additional pre-construction activities (e.g., surveying, geotechnical investigation, etc.) as appropriate.
- Ensure adherence to Book 7, including appropriate signage must be provided to ensure sufficient notice is provided to all road users (e.g., sidewalk closures, lane closures, etc.)
- Coordination required regarding the traffic management plan and road occupancy permit for Regional Roads prior to construction.
- Provision of mud-tracking as appropriate during construction.

Traffic Development and Permits – Mina Zare

- All the accesses on Dixie Road between Derry Road and Khalsa Road need to be maintained all the time during the project work.
- Please note Traffic Development and Permits would like to have the opportunity to have comments at the design stages.
- Proposed temporary construction accesses or permanent accesses needs to be evaluate as per the Region of Peel Access Control By-law and the spacing requirement as per the Road Characterization Study.
- Road Occupancy Permit is required for the works on the Region of Peel's right of ways.

We look forward to receiving your response comments.

Thanks,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies
Transportation Division
Public Works, Region of Peel
Asha.Saddi@peelregion.ca



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From: Saddi, Asha <asha.saddi@peelregion.ca>
Sent: December 5, 2022 3:52 PM
To: Banuri, Syeda <syeda.banuri@peelregion.ca>; Carrick, Sean <sean.carrick@peelregion.ca>; Crawford, Heather <heather.crawford@peelregion.ca>; Crawford, Mark <mark.crawford@peelregion.ca>; Detaramani, Tina <tina.detaramani@peelregion.ca>; Eberhardt, Daniel <daniel.eberhardt@peelregion.ca>; Gnoyke, Danielle <danielle.gnoyke@peelregion.ca>; Hamdani, Hashim <hashimali.hamdani@peelregion.ca>; Jamroz, Damian <damian.jamroz@peelregion.ca>; Lovisotto, Sandy <sandy.lovisotto@peelregion.ca>; Paquette, Samantha <samantha.paquette@peelregion.ca>; Perez, Julian <julian.perez@peelregion.ca>; Toy, William <william.toy@peelregion.ca>; Van Boxmeer, Kyle <kyle.vanboxmeer@peelregion.ca>; Zia, Solmaz <solmaz.zia@peelregion.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: FW: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades - REPLY BY JAN 5

Hello Transportation teams,
The draft ESR for Peel's Schedule C Etobicoke Creek Trunk Sewer Improvements and Upgrades EA is ready for review and can be accessed from the project website at:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

Please review the ESR and forward any comments or concerns to me by **Thursday, January 5**.

Regards,

Asha Saddi, BA(Hons), PMP
Technical Analyst, Infrastructure Programming & Studies
Transportation Division
Public Works, Region of Peel
Asha.Saddi@peelregion.ca

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From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: December 1, 2022 2:10 PM
To:
Cc:
Subject: Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

We have completed Phase 1-3 of the Municipal Class EA process and have prepared the **draft Environmental Study Report (ESR)**. The draft ESR summarizes the activities undertaken to date through Phases 1-3. The intent of this email is to provide you with the Draft Environmental Study Report for review, and to seek your input and comments.

Please kindly submit comments on the Draft ESR by Monday January 9, 2023 to italia.ponce@peelregion.ca. To assist the project team in maintaining the project schedule please advise in advance if you are unable to provide comments by this date.
The Draft ESR will be available at the following website:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

We look forward to hearing form you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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Newton, Dorin/TOR

From: Batchoun, Maurice/TOR
Sent: Thursday, October 8, 2020 3:42 PM
To: Jones, Lee Anne/TOR
Cc: Newton, Dorin/TOR
Subject: FW: Etobicoke Creek Sanitary Trunk Twinning EA - Crossing 407 ETR.

Lee Anne,

Please refer to the response we just got from 407 ETR blow.

This is upsetting news. Here are the issues arising from the email:

- They need 90 degree crossing. This will add two shafts to get the crossing at 90 degree.
- We stayed away from the Etobicoke Creek bridge but I think we should move it few meters to the east.
- We may also need to check the access routes to the shafts as no access with be given from the Highway.

I can have a closer look at the options tonight or tomorrow and we need to discuss before we take action. We may also need to inform Peel Region.

Regards,

Maurice Batchoun, P. Eng.
Jacobs
Design Manager | Building Infrastructure and Advanced Facilities
+ 1.416.499.9000 Ext. 73556
+ 1.416.454.5918 mobile
maurice.batchoun@jacobs.com
245 Consumers Road, Suite 400
North York, Ontario, M2J 1R3
Canada
www.jacobs.com

From: Othmane Benjrad <obenjrad@407etr.com>
Sent: Thursday, October 8, 2020 3:33 PM
To: Batchoun, Maurice/TOR <Maurice.Batchoun@jacobs.com>
Cc: Jeff Booker <jbooker@407ETR.com>; Martins, Frank (MTO) <Frank.Martins@ontario.ca>; Pilla, Angelo (MTO) <Angelo.Pilla@ontario.ca>
Subject: [EXTERNAL] RE: Etobicoke Creek Sanitary Trunk Twinning EA - Crossing 407 ETR.

Hello Maurice,

Please find below the preliminary 407ETR comments on your email below:

- The proposed alignment shouldn't interfere with the zone of influence of the Etobicoke Creek structure
- 90° crossing shall apply as per the Highway Corridor Management Manual
- No shaft will be permitted within the 407ETR ROW
- No direct access from the mainline of Highway 407 ETR will be permitted

Regards,

Othmane Benjrad
Engineering Technologist
407 ETR Concession Company
Woodbridge, Ontario L4H 1J1
Tel: 905-265-4070 ext. 5651
Email: obenjrad@407etr.com
Web: 407etr.com



From: Batchoun, Maurice/TOR <Maurice.Batchoun@jacobs.com>
Sent: Thursday, October 08, 2020 9:34 AM
To: Jeff Booker <jbooker@407ETR.com>
Subject: FW: Etobicoke Creek Sanitary Trunk Twinning EA - Crossing 407 ETR.

CAUTION: This email is from an external source. Be careful when clicking links or opening attachments.

Hello Jeff.

Do you have any comments on our email below please.

Regards,

Maurice Batchoun, P. Eng.
Jacobs
Design Manager | Building Infrastructure and Advanced Facilities
+ 1.416.499.9000 Ext. 73556
+ 1.416.454.5918 mobile
maurice.batchoun@jacobs.com
245 Consumers Road, Suite 400
North York, Ontario, M2J 1R3
Canada
www.jacobs.com

From: Batchoun, Maurice/TOR
Sent: Monday, October 5, 2020 1:54 PM
To: 'jbooker@407ETR.com' <jbooker@407ETR.com>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: Etobicoke Creek Sanitary Trunk Twinning EA - Crossing 407 ETR.

Hello Jeff,

Jacobs is working for the Region of Peel on an Environmental Assessment for Etobicoke Creek Sanitary Trunk Twinning. We have developed 4 alternative alignments and 3of them require crossing Hwy 407 ETR in a tunnel. Please refer to the plan below for the proposed alignment in Cyan and the existing trunk is dark grey.

On the plan, we are showing the crossing at about 60 degree angle. The Region of Peel requested us to confirm whether 407 ETR or Infrastructure Ontario will accept crossing at a diagonal angle as shown. If not, then what angle do you tolerate. Having 90 degree angle will require a change in alignment and possibly one or two additional shafts at both sides of the highway.

Please let us know your comments. If you have any questions then please let us know by email or call my cell number (416) 454 5918.



Regards,

Maurice Batchoun, P. Eng.
Jacobs
Design Manager | Building Infrastructure and Advanced Facilities
+ 1.416.499.9000 Ext. 73556
+ 1.416.454.5918 mobile
maurice.batchoun@jacobs.com
245 Consumers Road, Suite 400
North York, Ontario, M2J 1R3
Canada
www.jacobs.com

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Newton, Dorin/TOR

From: Jeff Booker <jbooker@407ETR.com>
Sent: Wednesday, December 9, 2020 4:50 PM
To: Newton, Dorin/TOR; Othmane Benjrad; Frank.Martins@ontario.ca; Angelo.Pilla@ontario.ca
Cc: Ponce Vanelli, Italia
Subject: [EXTERNAL] RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hello all,

I assume this will be a virtual meeting.

I have some availability:

Monday Dec 14 – afternoon
Wednesday Dec 16 - morning.

Jeff

From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Thursday, November 26, 2020 4:09 PM
To: Othmane Benjrad <obenjrad@407etr.com>; Jeff Booker <jbooker@407ETR.com>; Frank.Martins@ontario.ca; Angelo.Pilla@ontario.ca
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

CAUTION: This email is from an external source. Be careful when clicking links or opening attachments.

Good afternoon,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified a preliminary preferred alternative and would like to confirm this with input from the public and stakeholders. Please see attached Notice for details on how to access the Region's *Online Public Engagement* material.

As the preliminary preferred alternative involves crossing of Highway 407, we would like to consult with 407 ETR to ensure that any comments or concerns are captured and considered. We would like the opportunity to meet with you and your staff to discuss this project in more detail and request to confirm your availability to meet at your earliest convenience. Please contact the undersigned to confirm details for this consultation meeting. We look forward to hearing from you and working together throughout this study.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering

On behalf of:

Italia Ponce, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 4583
italia.ponce@peelregion.ca

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Newton, Dorin/TOR

From: Othmane Benjrad <obenjrad@407etr.com>
Sent: Wednesday, December 9, 2020 5:03 PM
To: Newton, Dorin/TOR
Cc: Ponce Vanelli, Italia; Frank.Martins@ontario.ca; Angelo.Pilla@ontario.ca; Jeff Booker
Subject: [EXTERNAL] RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hello All,

Both dates work for me.

Regards,

Othmane Benjrad
Engineering Technologist
407 ETR Concession Company
Woodbridge, Ontario L4H 1J1
Tel: 905-265-4070 ext. 5651
Email: obenjrad@407etr.com
Web: 407etr.com



From: Jeff Booker <jbooker@407ETR.com>
Sent: Wednesday, December 9, 2020 4:50 PM
To: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Othmane Benjrad <obenjrad@407etr.com>; Frank.Martins@ontario.ca; Angelo.Pilla@ontario.ca
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

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Wednesday Dec 16 - morning.

Jeff

From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Thursday, November 26, 2020 4:09 PM

To: Othmane Benjrad <obenjrad@407etr.com>; Jeff Booker <jbooker@407ETR.com>; Frank.Martins@ontario.ca; Angelo.Pilla@ontario.ca
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

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Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering

On behalf of:

Italia Ponce, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 4583
italia.ponce@peelregion.ca

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From:	Myslicki, Lisa (IO)
To:	Newton, Dorin/TOR
Subject:	[EXTERNAL] Automatic reply: Notice of Commencement: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule "C" Municipal Class EA
Date:	Thursday, July 4, 2019 1:50:54 PM

Good Day,

please be aware that I am on maternity leave, returning September 2019.

Please email the following people for informaiton regarding the following projects:

Queens Park Pollinator Garden & Class Enviornmental Assessment notices:
Alex.Lye@infrastructureontario.ca
Community Gardens, Ceed Gardens, Chatham Bloomfield Road: Garry.Pringle@infrastrcutureontario.ca
Goosecreek Road, Natural Heritage Concerns, Brooksdie Redevelopment:
Joanna.Brown@infrastructureontario.ca
Provincial Secondary Land use Program (Hydro corridor applications) & Projects within Seaton:
Cory.Ostrowka@infrastructureontario.ca

For all other inquires please contact Frank Dieterman at Frank.Dieterman@infrastructureontario.ca

Apologies for any inconvenience

Lisa Myslicki

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From: Wu, Vanessa (IO) <Vanessa.Wu@infrastructureontario.ca>
Sent: July 8, 2019 8:36 AM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Subject: IO EA Notice - Etobicoke Creek Trunk Sewer Improvements and Upgrades

Good morning,

Thank you for sending us the Notice of Commencement for the Etobicoke Creek Trunk Sewer and Improvements and Upgrades project in the City of Brampton.

Our records indicate that the Ministry of Infrastructure (MOI) properties identified by several PINs over a large area (please see map attached) are within your project's study area. In this regard, please let us know if MOI land may be required for your project so we can advise you of our process to acquire this land. If MOI land is not required for your project, please continue to consult us as a directly affected party.

Yours Sincerely,

Vanessa Wu

Environmental Management Co-op

Infrastructure Ontario

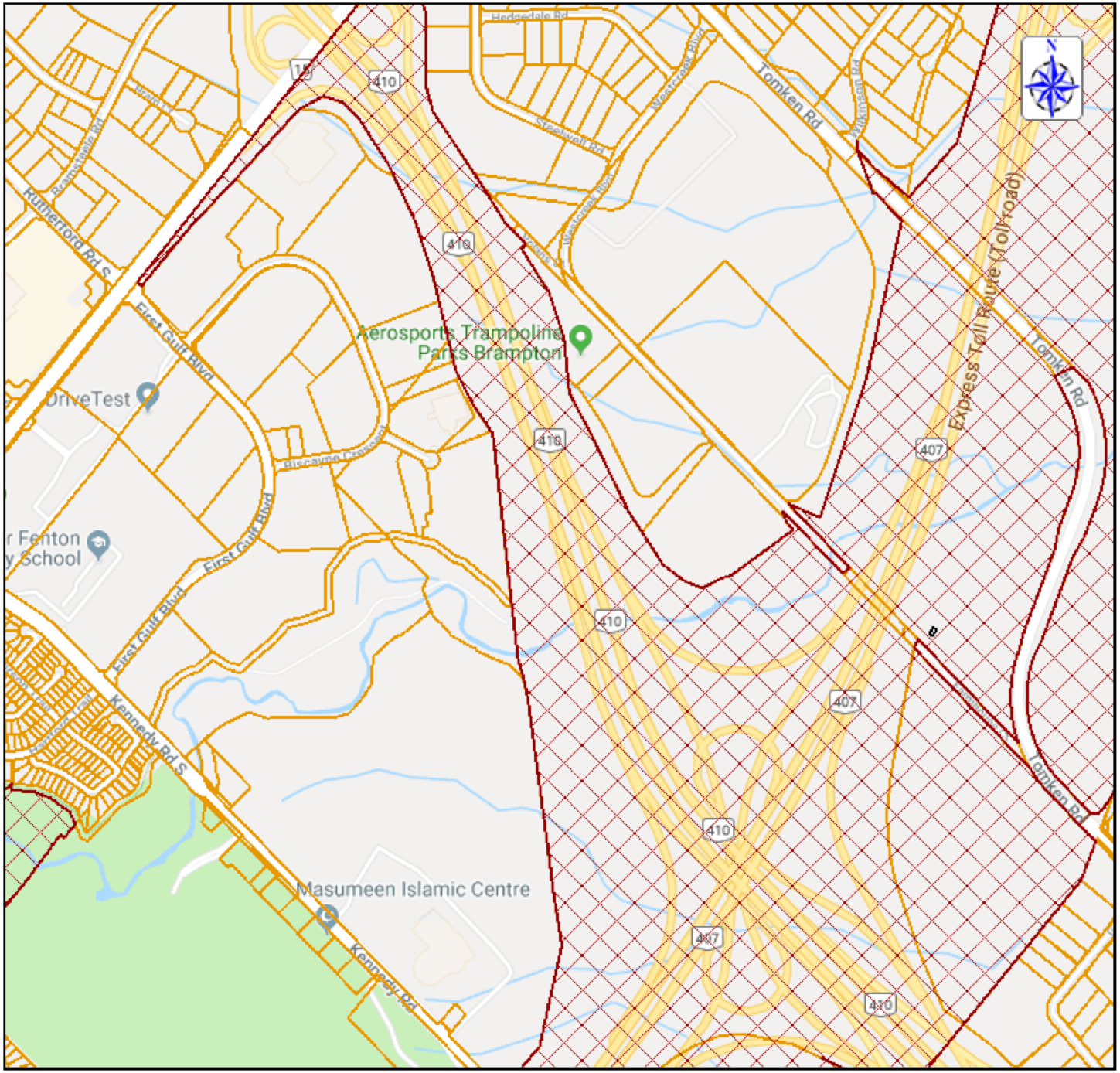
1 Dundas Street West, Suite 2000

Toronto, ON M5G 2L5

E-mail: vanessa.wu@infrastructureontario.ca

Phone: 647-264-4712

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Map Legend

- Secondary Land Use Labels
  - EO
  - LO
- Sign Board
- Secondary Land Use Polygon
  - Easement to Other
  - License to Other
- Disposed Ownership
- Hydro Corridor
- Buildings
  - Leased
  - Owned
- Properties
- 407 Vaughan Markham Transitway
- Teranet Ownership Parcels
- LT Municipalities 2016
- UT Municipalities 2007
- Google Streets

Hydro One Land Use

0 m 500 m

Date: July-08-19 8:32:11 AM

For discussion purposes only.

From:	Borowiec, Laura
To:	Wu, Vanessa (IO)
Cc:	Jones, Lee Anne/TOR; Newton, Dorin/TOR
Subject:	[EXTERNAL] RE: IO EA Notice - Etobicoke Creek Trunk Sewer Improvements and Upgrades
Date:	Wednesday, August 14, 2019 3:37:20 PM

Hi Vanessa,

Thank you for forwarding the map of Ministry of Infrastructure (MOI) properties within the study area.

At this stage in the study, we have not yet identified servicing alternatives to the point of identifying land requirements. Nevertheless, the information you have provided will be very helpful as we identify and evaluate alternative alignments.

We will contact you directly once this information becomes available and if MOI properties are anticipated to be impacted. We may also reach out to you again if we require further mapping or data from MOI, as well as continue to inform you at the key Class EA contact points.

In the meantime, should you have any further questions please do not hesitate to contact me.

Regards,

Laura Borowiec, P.Eng.
Project Manager
Infrastructure Planning & Studies, Growth, Groundwater & Source Water Protection
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681



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From: Wu, Vanessa (IO) <Vanessa.Wu@infrastructureontario.ca>
Sent: July 8, 2019 8:36 AM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Subject: IO EA Notice - Etobicoke Creek Trunk Sewer Improvements and Upgrades

Good morning,

Thank you for sending us the Notice of Commencement for the Etobicoke Creek Trunk Sewer and Improvements and Upgrades project in the City of Brampton.

Our records indicate that the Ministry of Infrastructure (MOI) properties identified by several PINs over a large area (please see map attached) are within your project's study area. In this regard, please let us know if MOI land may be required for your project so we can advise you of our process to acquire this land. If MOI land is not required for your project, please continue to consult us as a directly affected party.

Yours Sincerely,

Vanessa Wu
Environmental Management Co-op
Infrastructure Ontario
1 Dundas Street West, Suite 2000
Toronto, ON M5G 2L5
E-mail: vanessa.wu@infrastructureontario.ca
Phone: 647-264-4712

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, May 19, 2022 3:08 PM
To: Newton, Dorin/TOR
Subject: [EXTERNAL] FW: Notice of Public Information Centre #2 (Virtual)- Etobicoke Creek Trunk Sewer Improvements and Upgrades

FYI

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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From: Sawyer, Alan (IO) <Alan.Sawyer@infrastructureontario.ca>
Sent: May 18, 2022 9:48 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Notice of Public Information Centre #2 (Virtual)- Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Thank you. I have already redirected this Notice, but all future ones from you or your clients, can go to: NoticeReview@infrastructureontario.ca. This ensures they are addressed by the right subject matter experts at IO.

Alan

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: May 17, 2022 8:10 PM
To: ZZG-PWI <pwi@peelregion.ca>
Subject: Notice of Public Information Centre #2 (Virtual)- Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: This email originated from outside of Infrastructure Ontario. Do not click links or open attachment(s) unless you recognize the sender and know the content is safe.

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified preliminary preferred concepts for the preferred alignment and would like to confirm this with input from the public and stakeholders. Attached is Notice for PIC 2 which is taking place on May 18. The notice contains details on how to access the Region's Online Public Engagement #2 material. I have also included the project's website for quick access.

Please direct any comments to me. Comments will be received until June 1. However if you wish to meet or obtain additional information, or would like clarification on the material presented, please feel free to call me or email me.

Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

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Newton, Dorin/TOR

From: EA Notices to CRegion (MECP) <eanotification.cregion@ontario.ca>
Sent: Thursday, November 26, 2020 2:52 PM
To: Newton, Dorin/TOR
Subject: [EXTERNAL] Automatic reply: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

This is to acknowledge your email has been delivered to the Regional EA Notifications email account. A Regional EA Coordinator will contact you if additional information is needed. To contact a Regional EA Coordinator directly, go to the INFO-GO website and under our ministry, select: 1) Environmental Assessment and Permissions Division; 2) Environmental Assessment Branch; 3) Environmental Assessment Services; 4) Project Review.

From:	Leal, Keana (MECP)
To:	Borowiec, Laura
Cc:	Bell, Trevor (MECP); Martin, Paul (MECP); Dufresne, Tina (MECP); Newton, Dorin/TOR
Subject:	[EXTERNAL] Etobicoke Creek Trunk Sewer Improvements and Upgrades - Schedule "C" Municipal Class EA
Date:	Thursday, August 15, 2019 12:19:14 PM
Attachments:	TSS Response_Notice of Commencement_Etobicoke Creek Sewer Improvements.pdf

---

Good afternoon,

Please find attached a letter from the Ministry of Environment, Conservation and Parks, Central Region Technical Support Section regarding the abovementioned project. Feel free to contact me directly with any questions or concerns you may have.

Sincerely,

Keana Leal | Environmental Assistant
Ministry of the Environment, Conservation, and Parks
Technical Support Section, Central Region
5775 Yonge Street, 8th floor, Toronto ON, M2M 4J1
(416)-326-4839 | keana.leal@ontario.ca

Ministry of the Environment, Conservation and Parks

Central Region

5775 Yonge Street, 8th floor
North York ON M2M 4J1
Tel.: 416 326-6700
Fax.: 416 325-6345

Ministère de l'Environnement, de la Protection de la nature et des Parcs

Région du Centre

8e étage, 5775, rue Yonge
North York ON M2M 4J1
Tél. : 416 326-6700
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August 15, 2019

File No.: EA-01-06-03

Laura Borowiec, P.Eng
Project Manager
10 Peel Centre Drive, 4th Floor, Suite A
Brampton, ON, L6T 4B9
905-791-7800 Ext. 7681
laura.borowiec@peelregion.ca
BY EMAIL ONLY

Re: **Etobicoke Creek Trunk Sewer Improvements and Upgrades**
Region of Peel
Schedule C Municipal Class EA
Response to Notice of Commencement

Dear Ms. Borowiec,

This letter is in response to the Notice of Commencement for the above noted project. The Ministry of the Environment, Conservation and Parks (MECP) acknowledges that the Region of Peel has indicated that the study is following the approved environmental planning process for a Schedule C project under the Municipal Class Environmental Assessment (Class EA).

The **updated** attached "Areas of Interest" document provides guidance regarding the ministry's interests with respect to the Class EA process. Please identify the areas of interest which are applicable to the project and ensure they are addressed. Proponents who address all of the applicable areas of interest can minimize potential delays to the project schedule.

The Crown has a legal duty to consult Aboriginal communities when it has knowledge, real or constructive, of the existence or potential existence of an Aboriginal or treaty right and contemplates conduct that may adversely impact that right. Before authorizing this project, the Crown must ensure that its duty to consult has been fulfilled, where such a duty is triggered. Although the duty to consult with Aboriginal peoples is a duty of the Crown, the Crown may delegate procedural aspects of this duty to project proponents while retaining oversight of the consultation process.

The proposed project may have the potential to affect Aboriginal or treaty rights protected under Section 35 of Canada's *Constitution Act* 1982. Where the Crown's duty to consult is triggered in relation to the proposed project**, the MECP is delegating the procedural aspects of rights-based consultation to the proponent through this letter.** The Crown intends to rely on the delegated consultation process in discharging its duty to consult and maintains the right to participate in the consultation process as it sees fit.

Based on information provided to date and the Crown`s preliminary assessment the proponent is required to consult with the following communities who have been identified as potentially affected by the proposed project:

- Six Nations of the Grand River;
- Mississaugas of the Credit First Nation;
- Haudenosaunee Confederacy Chiefs Council; and
- Huron-Wendat Nation (if there is potential to impact archaeological resources).

Steps that the proponent may need to take in relation to Aboriginal consultation for the proposed project are outlined in the "Code of Practice for Consultation in Ontario's Environmental Assessment Process" which can be found at the following link: https://www.ontario.ca/document/consultation-ontarios-environmental-assessment-process
Additional information related to Ontario's Environmental Assessment Act is available online at: www.ontario.ca/environmentalassessments

Please also refer to the attached document "A Proponent's Introduction to the Delegation of Procedural Aspects of consultation with Aboriginal Communities" for further information.

The proponent must contact the Director of Environmental Approvals Branch under the following circumstances after initial discussions with the communities identified by MECP:

- Aboriginal or treaty rights impacts are identified to the proponent by the communities
- The proponent has reason to believe that the proposed project may adversely affect an Aboriginal or treaty right
- Consultation has reached an impasse
- A Part II Order request or elevation request is expected

The Director of the Environmental Approvals Branch can be notified either by email with the subject line "Potential Duty to Consult" to enviropermissions@ontario.ca or by mail or fax at the address provided below:

Email:	enviropermissions@ontario.ca Subject: Potential Duty to Consult
Fax:	416-314-8452
Address:	Environmental Assessment and Permissions Branch 135 St. Clair Avenue West, 1st Floor Toronto, ON, M4V 1P5

The MECP will then assess the extent of any Crown duty to consult for the circumstances and will consider whether additional steps should be taken, including what role the proponent will be asked to play in them.

A draft copy of the Environmental Study Report (ESR) should be sent to this office prior to the filing of the final report, allowing a minimum of 30 days for the ministry's technical reviewers to provide comments. Please also forward the Notice of Completion and final ESR to me when completed.

Should you or any members of your project team have any questions regarding the material above, please contact me at trevor.bell@ontario.ca or 416-326-3577.

Sincerely,



Trevor Bell
Regional Environmental Assessment Coordinator
Air, Pesticides and Environmental Planning

cc: Paul Martin, Supervisor, Technical Support Section, MECP
Tina Dufresne, Manager, Halton Peel District Office, MECP
Dorin Newton, Civil Design Specialist, Jacobs
Central Region EA File
A & P File

Attach: Areas of Interest
A Proponent's Introduction to the Delegation of Procedural Aspects of consultation with Aboriginal Communities

AREAS OF INTEREST

It is suggested that you check off each applicable area after you have considered / addressed it.

☐ **Source Water Protection (all projects)**

The Clean Water Act, 2006 (CWA) aims to protect existing and future sources of drinking water. To achieve this, several types of vulnerable areas have been delineated around surface water intakes and wellheads for every municipal residential drinking water system that is in a source protection area. These vulnerable areas are known as a Wellhead Protection Areas (WHPAs) and surface water Intake Protection Zones (IPZs). Other vulnerable areas that have been delineated under the CWA include Highly Vulnerable Aquifers (HVAs), Significant Groundwater Recharge Areas (SGRAs), Event-based modelling areas (EBAs), and Issues Contributing Areas (ICAs). Source protection plans have been developed that include policies to address existing and future risks to sources of municipal drinking water within these vulnerable areas.

Projects that are subject to the Environmental Assessment Act that fall under a Class EA, or one of the Regulations, have the potential to impact sources of drinking water if they occur in designated vulnerable areas or near other at-risk drinking water systems (i.e. systems that are not municipal residential systems). MEA Class EA projects may include activities that, if located in a vulnerable area, could be a threat to sources of drinking water (i.e. have the potential to adversely affect the quality or quantity of drinking water sources) and the activity could therefore be subject to policies in a source protection plan. Where an activity poses a risk to drinking water, policies in the local source protection plan may impact how or where that activity is undertaken. Policies may prohibit certain activities, or they may require risk management measures for these activities. Municipal Official Plans, planning decisions, Class EA projects (where the project includes an activity that is a threat to drinking water) and prescribed instruments must conform with policies that address significant risks to drinking water and must have regard for policies that address moderate or low risks.

- As you may be aware, in October 2015, the MEA Parent Class EA document was amended to include reference to the Clean Water Act (Section A.2.10.6) and indicates that proponents undertaking a Municipal Class EA project must identify early in their process whether a project is or could potentially be occurring with a vulnerable area. **Given this requirement, please include a section in the ESR on source water protection.**
    - The proponent should identify the source protection area and should clearly document how the proximity of the project to sources of drinking water (municipal or other) and any delineated vulnerable areas was considered and assessed. Specifically, the report should discuss whether the project is located in a vulnerable area and provide applicable details about the area. If located in a vulnerable area, proponents should document whether any project activities are prescribed drinking water threats and thus pose a risk to drinking water (this should be consulted on with the appropriate Source Protection Authority). Where an activity poses a risk to drinking water, the proponent must document and discuss in the ESR how the project adheres to or has regard to applicable policies in the local source protection plan. This section should then be used to inform and be reflected in other sections of the report, such as the identification of net positive/negative effects of alternatives, mitigation measures, evaluation of alternatives etc.

- While most source protection plans focused on including policies for significant drinking water threats in the WHPAs and IPZs it should be noted that even though source protection plan policies may not apply in HVAs, these are areas where aquifers are sensitive and at risk to impacts and within these areas, activities may impact the quality of sources of drinking water for systems other than municipal residential systems.

- In order to determine if this project is occurring within a vulnerable area, proponents can use this mapping tool: http://www.applications.ene.gov.on.ca/swp/en/index.php.The mapping tool will also

provide a link to the appropriate source protection plan in order to identify what policies may be applicable in the vulnerable area.

- For further information on the maps or source protection plan policies which may relate to their project, proponents must contact the appropriate source protection authority. **Please consult with the local source protection authority to discuss potential impacts on drinking water. The contact for this project is Jennifer Stephens at 416-661-6600 ext. 5568 or jstephens@trca.on.ca. Please document the results of that consultation within the ESR and include all communication documents/correspondence.**

More Information

For more information on the Clean Water Act, source protection areas and plans, including specific information on the vulnerable areas and drinking water threats, please refer to Conservation Ontario's website where you will also find links to the local source protection plan/assessment report.

A list of the prescribed drinking water threats can be found in section 1.1 of Ontario Regulation 287/07 made under the Clean Water Act. In addition to prescribed drinking water threats, some source protection plans may include policies to address additional "local" threat activities, as approved by the MECP.

☐ **Climate Change**

Ontario is leading the fight against climate change through the Climate Change Action Plan. Recently released, the plan lays out the specific actions Ontario will take in the next five years to meet its 2020 greenhouse gas reduction targets and establishes the framework necessary to meet its long-term targets. As a commitment of the action plan, **the province has now finalized a guide, "Considering Climate Change in the Environmental Assessment Process" (2017) (Guide).**

The Guide is now a part of the Environmental Assessment program's Guides and Codes of Practice. The Guide sets out the MECP's expectation for considering climate change in the preparation, execution and documentation of environmental assessment studies and processes. The guide provides examples, approaches, resources, and references to assist proponents with consideration of climate change in EA. **Proponents should review this Guide in detail.**

- The MECP expects proponent to:

1. Consider during the assessment of alternative solutions and alternative designs, the following:
    a. the project's expected production of greenhouse gas emissions and impacts on carbon sinks (climate change mitigation); and
    b. resilience or vulnerability of the undertaking to changing climatic conditions (climate change adaptation).
2. Include a discrete section in the ESR detailing how climate change was considered in the EA.

How climate change is considered can be qualitative or quantitative in nature and should be scaled to the project's level of environmental effect. In all instances, both a project's impacts on climate change (mitigation) and impacts of climate change on a project (adaptation) should be considered. Please ensure climate change is considered in the report.

☐ **Planning and Policy**

- Parts of the study area may be subject to the Oak Ridges Moraine Conservation Plan, Niagara Escarpment Plan, Greenbelt Plan, Lake Simcoe Protection Plan, or Growth Plan for the Greater Golden Horseshoe. Applicable policies should be referenced in the ESR, and the proponent should describe how the proposed study adheres to the relevant policies in these plans. **The new 2017 provincial plans are now in effect.**

- The Provincial Policy Statement (2014) contains policies that protect Ontario's natural heritage and water resources. Applicable policies should be referenced in the ESR, and the proponent should describe how this proposed project is consistent with these policies.

Air Quality, Dust and Noise

- If there are sensitive receptors in the surrounding area of this project, an air quality/odour impact assessment will be useful to evaluate alternatives, determine impacts and identify appropriate mitigation measures. The scope of the assessment can be determined based on the potential effects of the proposed alternatives, and typically includes source and receptor characterization and a quantification of local air quality impacts on the sensitive receptors and the environment in the study area. The assessment will compare to all applicable standards or guidelines for all contaminants of concern. **Please contact this office for further consultation on the level of Air Quality Impact Assessment required for this project if not already advised.**

- **If a full Air Quality Impact Assessment is not required for the project, the ESR should still contain:**
    - A discussion of local air quality including existing activities/sources that significantly impact local air quality and how the project may impact existing conditions;
    - A discussion of the nearby sensitive receptors and the project's potential air quality impacts on present and future sensitive receptors;
    - A discussion of local air quality impacts that could arise from this project during both construction and operation; and
    - A discussion of potential mitigation measures.

- As a common practice, "air quality" should be used an evaluation criterion for all road projects.

- Dust and noise control measures should be addressed and included in the construction plans to ensure that nearby residential and other sensitive land uses within the study area are not adversely affected during construction activities.

- Please note that the ministry recommends that non-chloride dust-suppressants be applied. For a coESRehensive list of fugitive dust prevention and control measures that could be applied, refer to *Cheminfo Services Inc. Best Practices for the Reduction of Air Emissions from Construction and Demolition Activities.* Report prepared for Environment Canada. March 2005.

- The ESR should consider the potential impacts of increased noise levels during the operation of the completed project. The proponent should explore all potential measures to mitigate significant noise impacts during the assessment of alternatives.

Ecosystem Protection and Restoration

- Any impacts to ecosystem form and function must be avoided where possible. The ESR should describe any proposed mitigation measures and how project planning will protect and enhance the local ecosystem.

- All natural heritage features should be identified and described in detail to assess potential impacts and to develop appropriate mitigation measures. The following sensitive environmental features may be located within or adjacent to the study area:

- Areas of Natural and Scientific Interest (ANSIs)
- Rare Species of flora or fauna
- Watercourses
- Wetlands
- Woodlots

We recommend consulting with the Ministry of Natural Resources and Forestry (MNRF), Fisheries and Oceans Canada (DFO) and your local conservation authority to determine if special measures or additional studies will be necessary to preserve and protect these sensitive features. In addition, you may consider the provisions of the Rouge Park Management Plan if applicable.

Surface Water

- The ESR must include a sufficient level of information to demonstrate that there will be no negative impacts on the natural features or ecological functions of any watercourses within the study area. Measures should be included in the planning and design process to ensure that any impacts to watercourses from construction or operational activities (e.g. spills, erosion, pollution) are mitigated as part of the proposed undertaking.

- Additional stormwater runoff from new pavement can impact receiving watercourses and flood conditions. Quality and quantity control measures to treat stormwater runoff should be considered for all new impervious areas and, where possible, existing surfaces. The ministry's Stormwater Management Planning and Design Manual (2003) should be referenced in the ESR and utilized when designing stormwater control methods. **A Stormwater Management Plan should be prepared as part of the Class EA process** that includes:

    - Strategies to address potential water quantity and erosion impacts related to stormwater draining into streams or other sensitive environmental features, and to ensure that adequate (enhanced) water quality is maintained
    - Watershed information, drainage conditions, and other relevant background information
    - Future drainage conditions, stormwater management options, information on erosion and sediment control during construction, and other details of the proposed works
    - Information on maintenance and monitoring commitments.

- Ontario Regulation 60/08 under the Ontario Water Resources Act (OWRA) applies to the Lake Simcoe Basin, which encompasses Lake Simcoe and the lands from which surface water drains into Lake Simcoe. If the proposed sewage treatment plant is listed in Table 1 of the regulation, the ESR should describe how the proposed project and its mitigation measures are consistent with the requirements of this regulation and the OWRA.

- Any potential approval requirements for surface water taking or discharge should be identified in the ESR. A Permit to Take Water (PTTW) under the OWRA will be required for any water takings that exceed 50,000 L/day. It should be noted that certain water taking activities have been prescribed by the Water Taking EASR Regulation – *O. Reg. 63/16*. These prescribed water-taking activities require registration in the EASR instead of a PTTW.

Groundwater

- The status of, and potential impacts to any well water supplies should be addressed. If the project involves groundwater takings or changes to drainage patterns, the quantity and quality of groundwater may be affected due to drawdown effects or the redirection of existing contamination flows. In addition, project activities may infringe on existing wells such that they must be reconstructed or sealed and abandoned. Appropriate information to define existing groundwater conditions should be included in the ESR.

- If the potential construction or decommissioning of water wells is identified as an issue, the ESR should refer to Ontario Regulation 903, Wells, under the OWRA.

- Potential impacts to groundwater-dependent natural features should be addressed. Any changes to groundwater flow or quality from groundwater taking may interfere with the ecological processes of streams, wetlands or other surficial features. In addition, discharging contaminated or high volumes of groundwater to these features may have direct impacts on their function. Any potential effects should be identified, and appropriate mitigation measures should be recommended. The level of detail required will be dependent on the significance of the potential impacts.

- Any potential approval requirements for groundwater taking or discharge should be identified in the ESR. A PTTW under the OWRA will be required for any water takings that exceed 50,000 L/day. It should be noted that certain water taking activities have been prescribed by the Water Taking EASR Regulation – *O. Reg. 63/16*. These prescribed water-taking activities require registration in the EASR instead of a PTTW.

Contaminated Soils

- Since the removal or movement of soils may be required, appropriate tests to determine contaminant levels from previous land uses or dumping should be undertaken. If the soils are contaminated, you must determine how and where they are to be disposed of, consistent with *Part XV.1 of the Environmental Protection Act* (EPA) and Ontario Regulation 153/04, Records of Site Condition, which details the new requirements related to site assessment and clean up. Please contact the ministry's District Offices for further consultation if contaminated sites are present.

- Any current or historical waste disposal sites should be identified in the ESR. The status of these sites should be determined to confirm whether approval pursuant to Section 46 of the EPA may be required for land uses on former disposal sites.

- The location of any underground storage tanks should be investigated in the ESR. Measures should be identified to ensure the integrity of these tanks and to ensure an appropriate response in the event of a spill. The ministry's Spills Action Centre must be contacted in such an event.

- The ESR should identify any underground transmission lines in the study area. The owners should be consulted to avoid impacts to this infrastructure, including potential spills.

Excess Materials Management

- Activities involving the management of excess soil should be completed in accordance with the MECP's current guidance document titled "Management of Excess Soil – A Guide for Best Management Practices" (2014).

- All waste generated during construction must be disposed of in accordance with ministry requirements.

Servicing and Facilities

- Any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste must have an Environmental Compliance Approval (ECA) before it can operate lawfully. Please consult with the Environmental Approvals Access and Service Integration Branch (EAASIB) to determine whether a new or amended ECA will be required for any proposed infrastructure.

- We recommend referring to the ministry's "D-Series" guidelines – Land Use Compatibility to ensure that any potential land use conflicts are considered when planning for any infrastructure or facilities related to wastewater, pipelines, landfills or industrial uses.

Mitigation and Monitoring

Contractors must be made aware of all environmental considerations so that all environmental standards and commitments for both construction and operation are met. Mitigation measures should be clearly referenced in the ESR and regularly monitored during the construction stage of the project. In addition, we encourage proponents to conduct post-construction monitoring to ensure all mitigation measures have been effective and are functioning properly.

- Design and construction reports and plans should be based on a best management approach that centres on the prevention of impacts, protection of the existing environment, and opportunities for rehabilitation and enhancement of any impacted areas.

- The proponent's construction and post-construction monitoring plans must be documented in the ESR, as outlined in Section A.2.5 and A.4.1 of the MEA Class EA parent document.

Consultation

- The ESR must demonstrate how the consultation provisions of the Class EA have been fulfilled, including documentation of all stakeholder consultation efforts undertaken during the planning process. This includes a discussion in the ESR that identifies concerns that were raised and **describes how they have been addressed by the proponent** throughout the planning process. The Class EA also directs proponents to include copies of comments submitted on the project by interested stakeholders, and the proponent's responses to these comments.

Class EA Process

- The ESR should provide clear and complete documentation of the planning process in order to allow for transparency in decision-making.

- If this project is a Master Plan: there are several different approaches that can be used to conduct a Master Plan, examples of which are outlined in Appendix 4 of the Class EA. The Master Plan should clearly indicate the selected approach for conducting the plan, by identifying whether the levels of assessment, consultation and documentation are sufficient to fulfill the requirements for Schedule B or C projects. Please note that any Schedule B or C projects identified in the plan would be subject to Part II Order Requests under the *Environmental Assessment Act* (EAA), although the plan itself would not be.

- The Class EA requires the consideration of the effects of each alternative on all aspects of the environment. The ESR should include a level of detail (e.g. hydrogeological investigations, terrestrial and aquatic assessments) such that all potential impacts can be identified, and appropriate mitigation measures can be developed. Any supporting studies conducted during the Class EA process should be referenced and included as part of the ESR.

- Please include in the ESR a list of all subsequent permits or approvals that may be required for the implementation of the preferred alternative, including MECP's PTTW, EASR Registrations and ECAs, conservation authority permits, and approval under the *Canadian Environmental Assessment Act 2012* (CEAA 2012)

- Ministry guidelines and other information related to the issues above are available at http://www.ontario.ca/environment-and-energy/environment-and-energy. We encourage you to review all the available guides and to reference any relevant information in the ESR.

A PROPONENT'S INTRODUCTION TO THE DELEGATION OF PROCEDURAL ASPECTS OF CONSULTATION WITH ABORIGINAL COMMUNITIES

DEFINITIONS

The following definitions are specific to this document and may not apply in other contexts:

Aboriginal communities – the First Nation or Métis communities identified by the Crown for the purpose of consultation.

Consultation – the Crown's legal obligation to consult when the Crown has knowledge of an established or asserted Aboriginal or treaty right and contemplates conduct that might adversely impact that right. This is the type of consultation required pursuant to s. 35 of the *Constitution Act, 1982*. Note that this definition does not include consultation with Aboriginal communities for other reasons, such as regulatory requirements.

Crown – the Ontario Crown, acting through a particular ministry or ministries.

Procedural aspects of consultation – those portions of consultation related to the process of consultation, such as notifying an Aboriginal community about a project, providing information about the potential impacts of a project, responding to concerns raised by an Aboriginal community and proposing changes to the project to avoid negative impacts.

Proponent – the person or entity that wants to undertake a project and requires an Ontario Crown decision or approval for the project.

I. PURPOSE

The Crown has a legal duty to consult Aboriginal communities when it has knowledge of an existing or asserted Aboriginal or treaty right and contemplates conduct that may adversely impact that right. In outlining a framework for the duty to consult, the Supreme Court of Canada has stated that the Crown may delegate procedural aspects of consultation to third parties. This document provides general information about the Ontario Crown's approach to delegation of the procedural aspects of consultation to proponents.

This document is not intended to instruct a proponent about an individual project, and it does not constitute legal advice.

II. WHY IS IT NECESSARY TO CONSULT WITH ABORIGINAL COMMUNITIES?

The objective of the modern law of Aboriginal and treaty rights is the *reconciliation* of Aboriginal peoples and non-Aboriginal peoples and their respective rights, claims and interests. Consultation is an important component of the reconciliation process.

The Crown has a legal duty to consult Aboriginal communities when it has knowledge of an existing or asserted Aboriginal or treaty right and contemplates conduct that might adversely impact that right. For example, the Crown's duty to consult is triggered when it considers issuing a permit, authorization or approval for a project which has the potential to adversely impact an Aboriginal right, such as the right to hunt, fish, or trap in a particular area.

The scope of consultation required in particular circumstances ranges across a spectrum depending on both the nature of the asserted or established right and the seriousness of the potential adverse impacts on that right.

Depending on the particular circumstances, the Crown may also need to take steps to accommodate the potentially impacted Aboriginal or treaty right. For example, the Crown may be required to avoid or minimize the potential adverse impacts of the project.

III. THE CROWN'S ROLE AND RESPONSIBILITIES IN THE DELEGATED CONSULTATION PROCESS

The Crown has the responsibility for ensuring that the duty to consult, and accommodate where appropriate, is met. However, the Crown may delegate the procedural aspects of consultation to a proponent.

There are different ways in which the Crown may delegate the procedural aspects of consultation to a proponent, including through a letter, a memorandum of understanding, legislation, regulation, policy and codes of practice.

If the Crown decides to delegate procedural aspects of consultation, the Crown will generally:

- Ensure that the delegation of procedural aspects of consultation and the responsibilities of the proponent are clearly communicated to the proponent;
- Identify which Aboriginal communities must be consulted;
- Provide contact information for the Aboriginal communities;
- Revise, as necessary, the list of Aboriginal communities to be consulted as new information becomes available and is assessed by the Crown;
- Assess the scope of consultation owed to the Aboriginal communities;
- Maintain appropriate oversight of the actions taken by the proponent in fulfilling the procedural aspects of consultation;
- Assess the adequacy of consultation that is undertaken and any accommodation that may be required;
- Provide a contact within any responsible ministry in case issues arise that require direction from the Crown; and
- Participate in the consultation process as necessary and as determined by the Crown.

IV. THE PROPONENT'S ROLE AND RESPONSIBILITIES IN THE DELEGATED CONSULTATION PROCESS

Where aspects of the consultation process have been delegated to a proponent, the Crown, in meeting its duty to consult, will rely on the proponent's consultation activities and documentation of those activities. The consultation process informs the Crown's decision of whether or not to approve a proposed project or activity.

A proponent's role and responsibilities will vary depending on a variety of factors including the extent of consultation required in the circumstance and the procedural aspects of consultation the Crown has delegated to it. Proponents are often in a better position than the Crown to discuss a project and its potential impacts with Aboriginal communities and to determine ways to avoid or minimize the adverse impacts of a project.

A proponent can raise issues or questions with the Crown at any time during the consultation process. If issues or concerns arise during the consultation that cannot be addressed by the proponent, the proponent should contact the Crown.

a) What might a proponent be required to do in carrying out the procedural aspects of consultation?

Where the Crown delegates procedural aspects of consultation, it is often the proponent's responsibility to provide notice of the proposed project to the identified Aboriginal communities. The notice should indicate that the Crown has delegated the procedural aspects of consultation to the proponent and should include the following information:

- a description of the proposed project or activity;
- mapping;
- proposed timelines;
- details regarding anticipated environmental and other impacts;
- details regarding opportunities to comment; and
- any changes to the proposed project that have been made for seasonal conditions or other factors, where relevant.

Proponents should provide enough information and time to allow Aboriginal communities to provide meaningful feedback regarding the potential impacts of the project. Depending on the nature of consultation required for a project, a proponent also may be required to:

- provide the Crown with copies of any consultation plans prepared and an opportunity to review and comment;
- ensure that any necessary follow-up discussions with Aboriginal communities take place in a timely manner, including to confirm receipt of information, share and update information and to address questions or concerns that may arise;
- as appropriate, discuss with Aboriginal communities potential mitigation measures and/or changes to the project in response to concerns raised by Aboriginal communities;
- use language that is accessible and not overly technical, and translate material into Aboriginal languages where requested or appropriate;
- bear the reasonable costs associated with the consultation process such as, but not limited to, meeting hall rental, meal costs, document translation(s), or to address technical & capacity issues;
- provide the Crown with all the details about potential impacts on established or asserted Aboriginal or treaty rights, how these concerns have been considered and addressed by the proponent and the Aboriginal communities and any steps taken to mitigate the potential impacts;

- provide the Crown with complete and accurate documentation from these meetings and communications; and
- notify the Crown immediately if an Aboriginal community not identified by the Crown approaches the proponent seeking consultation opportunities.

b) What documentation and reporting does the Crown need from the proponent?

Proponents should keep records of all communications with the Aboriginal communities involved in the consultation process and any information provided to these Aboriginal communities.

As the Crown is required to assess the adequacy of consultation, it needs documentation to satisfy itself that the proponent has fulfilled the procedural aspects of consultation delegated to it. The documentation required would typically include:

- the date of meetings, the agendas, any materials distributed, those in attendance and copies of any minutes prepared;
- the description of the proposed project that was shared at the meeting;
- any and all concerns or other feedback provided by the communities;
- any information that was shared by a community in relation to its asserted or established Aboriginal or treaty rights and any potential adverse impacts of the proposed activity, approval or disposition on such rights;
- any proposed project changes or mitigation measures that were discussed, and feedback from Aboriginal communities about the proposed changes and measures;
- any commitments made by the proponent in response to any concerns raised, and feedback from Aboriginal communities on those commitments;
- copies of correspondence to or from Aboriginal communities, and any materials distributed electronically or by mail;
- information regarding any financial assistance provided by the proponent to enable participation by Aboriginal communities in the consultation;
- periodic consultation progress reports or copies of meeting notes if requested by the Crown;
- a summary of how the delegated aspects of consultation were carried out and the results; and
- a summary of issues raised by the Aboriginal communities, how the issues were addressed and any outstanding issues.

In certain circumstances, the Crown may share and discuss the proponent's consultation record with an Aboriginal community to ensure that it is an accurate reflection of the consultation process.

c) Will the Crown require a proponent to provide information about its commercial arrangements with Aboriginal communities?

The Crown may require a proponent to share information about aspects of commercial arrangements between the proponent and Aboriginal communities where the arrangements:

- include elements that are directed at mitigating or otherwise addressing impacts of the project;
- include securing an Aboriginal community's support for the project; or
- may potentially affect the obligations of the Crown to the Aboriginal communities.

The proponent should make every reasonable effort to exempt the Crown from confidentiality provisions in commercial arrangements with Aboriginal communities to the extent necessary to allow this information to be shared with the Crown.

The Crown cannot guarantee that information shared with the Crown will remain confidential. Confidential commercial information should not be provided to the Crown as part of the consultation record if it is not relevant to the duty to consult or otherwise required to be submitted to the Crown as part of the regulatory process.

V. WHAT ARE THE ROLES AND RESPONSIBILITIES OF ABORIGINAL COMMUNITIES' IN THE CONSULTATION PROCESS?

Like the Crown, Aboriginal communities are expected to engage in consultation in good faith. This includes:

- responding to the consultation notice;
- engaging in the proposed consultation process;
- providing relevant documentation;
- clearly articulating the potential impacts of the proposed project on Aboriginal or treaty rights; and
- discussing ways to mitigate any adverse impacts.

Some Aboriginal communities have developed tools, such as consultation protocols, policies or processes that provide guidance on how they would prefer to be consulted. Although not legally binding, proponents are encouraged to respect these community processes where it is reasonable to do so. Please note that there is no obligation for a proponent to pay a fee to an Aboriginal community in order to enter into a consultation process.

To ensure that the Crown is aware of existing community consultation protocols, proponents should contact the relevant Crown ministry when presented with a consultation protocol by an Aboriginal community or anyone purporting to be a representative of an Aboriginal community.

VI. WHAT IF MORE THAN ONE PROVINCIAL CROWN MINISTRY IS INVOLVED IN APPROVING A PROPONENT'S PROJECT?

Depending on the project and the required permits or approvals, one or more ministries may delegate procedural aspects of the Crown's duty to consult to the proponent. The proponent may contact individual ministries for guidance related to the delegation of procedural aspects of consultation for ministry-specific permits/approvals required for the project in question. Proponents are encouraged to seek input from all involved Crown ministries sooner rather than later.

From:	Barboza, Karla (MTCS)
To:	Newton, Dorin/TOR
Subject:	[EXTERNAL] Automatic reply: Notice of Commencement: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule "C" Municipal Class EA
Date:	Thursday, July 4, 2019 1:51:03 PM

Thank you for contacting the Heritage Planning Unit at the Ministry of Tourism, Culture & Sport. I will be out of the office and will return on Monday, July 8. Your message is saved and will be attended to when I return. If your inquiry is urgent, please contact Rosi Zirger at 416-314-7159 or rosi.zirger@ontario.ca.

Thanks,
Karla Barboza

Newton, Dorin/TOR

From:	Harvey, Joseph (MHSTCI) <Joseph.Harvey@ontario.ca>
Sent:	Friday, December 4, 2020 12:32 PM
To:	Ponce Vanelli, Italia
Cc:	Barboza, Karla (MHSTCI); Minkin, Dan (MHSTCI); Newton, Dorin/TOR
Subject:	[EXTERNAL] File 0010802: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA
Attachments:	2020-12-04-EtobicokeCreekMHSTCI-Ltr.pdf

Italia Ponce,

Please find attached MHSTCI's comments on the above referenced project notice. Please do not hesitate to contact Dan Minkin if you have any questions.

Reagrds

Joseph Harvey
On behalf of

Dan Minkin
Heritage Planner
Heritage Planning Unit
Dan.Minkin@ontario.ca

Ministry of Heritage, Sport, Tourism and Culture Industries

Programs and Services Branch
401 Bay Street, Suite 1700
Toronto, ON M7A 0A7
Tel: 416.786.7553

Ministère des Industries du Patrimoine, du Sport, du Tourisme et de la Culture

Direction des programmes et des services
401, rue Bay, Bureau 1700
Toronto, ON M7A 0A7
Tél: 416.786.7553

Ontario

December 4, 2020 EMAIL ONLY

Italia Ponce, P.Eng.
Project Manager
The Region of Peel
10 Peel Centre Drive, 4th Floor, Suite A
Brampton, ON, L6T
Italia.ponce@peelregion.ca

MHSTCI File	**:**	**0010802**
Proponent	**:**	**The Region of Peel**
Subject	**:**	**Notice of Public Engagement #1 – Schedule C MCEA**
Project	**:**	**Etobicoke Creek Trunk Sewer Improvements and Upgrades**
Location	**:**	**City of Mississauga, City of Brampton**

Dear Italia Ponce:

Thank you for providing the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI) with the Notice of Public Engagement for the above-referenced project. MHSTCI's interest in this Environmental Assessment (EA) project relates to its mandate of conserving Ontario's cultural heritage.

Under the EA process, the proponent is required to determine a project's potential impact on cultural heritage resources. If any municipal bridges may be impacted by this project, we can provide additional screening documentation as formulated by the Municipal Engineers Association in consultation with MHSTCI.

Project Summary
The Region of Peel is undertaking a Municipal Class Environmental Assessment (EA) Study to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road in the City of Brampton to Derry Road in the City of Mississauga. The study will follow a Schedule 'C' Class EA process.

Identifying Cultural Heritage Resources
While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation. Indigenous communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Indigenous communities includes a discussion about known or potential cultural heritage resources that are of value to these communities. Municipal Heritage Committees, historical societies and other local heritage organizations may also have knowledge that contributes to the identification of cultural heritage resources.

Archaeological Resources
This EA project may impact archaeological resources and should be screened using the MHSTCI *Criteria for Evaluating Archaeological Potential* to determine if an archaeological assessment is needed. MHSTCI archaeological sites data are available at *archaeology@ontario.ca*. If the EA project area exhibits archaeological potential, then an archaeological assessment (AA) should be undertaken by an archaeologist licenced under the *OHA*, who is responsible for submitting the report directly to MHSTCI for review.

Built Heritage Resources and Cultural Heritage Landscapes
ASI has informed us via email (May 22, 2019) that they have been retained to complete a Cultural Heritage Resource Assessment for the Etobicoke Creek Trunk Sewer Improvements Municipal Class Environmental Assessment in the Cities of Brampton and Mississauga.

Environmental Assessment Reporting
All technical cultural heritage studies and their recommendations are to be addressed and incorporated into EA projects. Please provide them to MHSTCI before any ground disturbing activities (e.g. Geotechnical studies) or issuing a Notice of Completion.

Thank you for consulting MHSTCI on this project and please continue to do so throughout the EA process. If you have any questions or require clarification, do not hesitate to contact Dan Minkin.

Sincerely,

Joseph Harvey
On behalf of

Dan Minkin
Heritage Planner
Heritage Planning Unit
Dan.Minkin@ontario.ca

Copied to: Dorin Newton, Project Consultant, Jacobs

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. MHSTCI makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MHSTCI be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Please notify MHSTCI if archaeological resources are impacted by EA project work. All activities impacting archaeological resources must cease immediately, and a licensed archaeologist is required to carry out an archaeological assessment in accordance with the *Ontario Heritage Act* and the *Standards and Guidelines for Consultant Archaeologists*.

If human remains are encountered, all activities must cease immediately and the local police as well as the Registrar, Burials of the Ministry of Government and Consumer Services (416-326-8800) must be contacted. In situations where human remains are associated with archaeological resources, MHSTCI should also be notified to ensure that the site is not subject to unlicensed alterations which would be a contravention of the *Ontario Heritage Act*.

Newton, Dorin/TOR

From: pastport <pastport@ontario.ca>
Sent: Sunday, April 11, 2021 6:50 PM
To: mcooper@asiheritage.ca
Cc: Ponce Vanelli, Italia; Newton, Dorin/TOR; PastPort@ontario.ca
Subject: [EXTERNAL] ENTERED INTO REGISTER: Archaeological Report for P380-0065-2020 / *
Attachments: ENTERED INTO REGISTER Archaeological Report for P380-0065-2020.pdf

Dear Martin Cooper,

The ministry has reviewed the Original report for PIF P380-0065-2020 submitted by you as a condition of your licence.

This report has been deemed compliant with ministry requirements for archaeological fieldwork and reporting. It has been entered into the *Ontario Public Register of Archaeological Reports.* Please refer to the attached letter to see the result of this review.

Note: the ministry makes no representation or warrant as to the completeness, accuracy or quality of reports in the register.

Development proponents and approval authorities: the Ontario Ministry of Heritage, Sport, Tourism and Culture Industries has copied you on this email as you have been identified by the consultant archaeologist as either the proponent or approval authority for this project.

Please **do not** reply to this e-mail. The message will be undeliverable and we are unable to respond from this address.

If you have any questions about this report email us at: Archaeology@ontario.ca

Thank you,

Andrea Williams

Andrea.Williams@ontario.ca

Ministry of Heritage, Sport, Tourism, and Culture Industries

Archaeology Program Unit
Programs and Services Branch
Heritage, Tourism and Culture Division
401 Bay Street, Suite 1700
Toronto ON M7A 0A7
Tel.: (437) 339-9197
Email: Andrea.Williams@ontario.ca

Ministère des Industries du patrimoine, du sport, du tourisme et de la culture

Unité des programme d'archéologie
Direction des programmes et des services
Division du patrimoine, du tourisme et de la culture
401, rue Bay, bureau 1700
Toronto ON M7A 0A7
Tél. : (437) 339-9197
Email: Andrea.Williams@ontario.ca

Ontario

Apr 11, 2021

Martin Cooper (P380)
ASI Archaeological and Cultural Heritage Services
528 Bathurst Toronto ON M5S 2P9

RE: Review and Entry into the Ontario Public Register of Archaeological Reports: Archaeological Assessment Report Entitled, "Stage 1 Archaeological Assessment Etobicoke Creek Trunk Sewer Improvements and Upgrades Lots 11-15, Concessions 1-4 ECR Former Toronto Township, County of Peel City of Brampton, City of Mississauga Regional Municipality of Peel, Ontario", Dated Sep 21, 2020, Filed with MHSTCI Toronto Office on Feb 11, 2021, MHSTCI Project Information Form Number P380-0065-2020, MHSTCI File Number 0012422

Dear Mr. Cooper:

This office has reviewed the above-mentioned report, which has been submitted to this ministry as a condition of licensing in accordance with Part VI of the *Ontario Heritage Act*, R.S.O. 1990, c 0.18.[1] This review has been carried out in order to determine whether the licensed professional consultant archaeologist has met the terms and conditions of their licence, that the licensee assessed the property and documented archaeological resources using a process that accords with the 2011 *Standards and Guidelines for Consultant Archaeologists* set by the ministry, and that the archaeological fieldwork and report recommendations are consistent with the conservation, protection and preservation of the cultural heritage of Ontario.

The report documents the assessment of the study area as depicted in Figures 11 to 18 of the above titled report and recommends the following:

In light of these results, the following recommendations are made:

1. The four proposed options exhibit archaeological potential. These lands require Stage 2 archaeological assessment by test pit/pedestrian survey at five metre intervals, where appropriate, prior to any proposed impacts;

2. The remainder of the Stage 1 Study Area does not retain archaeological potential on account of deep and extensive land disturbance, low and wet conditions, slopes in excess of 20 degrees, or having been previously assessed. These lands do not require further archaeological assessment; and,

3. Should the proposed work extend beyond the current Stage 1 Study Area, further Stage 1 archaeological assessment should be conducted to determine the archaeological potential of the surrounding lands.

NOTWITHSTANDING the results and recommendations presented in this study, ASI notes that no archaeological assessment, no matter how thorough or carefully completed, can necessarily predict, account for, or identify every form of isolated or deeply buried archaeological deposit. In the event that archaeological remains are found during subsequent construction activities, the consultant archaeologist, approval authority, and the Cultural Programs Unit of the MHSTCI should be immediately notified

Based on the information contained in the report, the ministry is satisfied that the fieldwork and reporting for the archaeological assessment are consistent with the ministry's 2011 *Standards and Guidelines for Consultant Archaeologists* and the terms and conditions for archaeological licences. This report has been entered into the Ontario Public Register of Archaeological Reports. Please note that the ministry makes no representation or warranty as to the completeness, accuracy or quality of reports in the register.

Should you require any further information regarding this matter, please feel free to contact me.

Sincerely,

Andrea Williams
Archaeology Review Officer

cc. Archaeology Licensing Officer
Dorin Newton,Jacobs
Italia Ponce,Regional Municipality Peel

[1] *In no way will the ministry be liable for any harm, damages, costs, expenses, losses, claims or actions that may result: (a) if the Report(s) or its recommendations are discovered to be inaccurate, incomplete, misleading or fraudulent; or (b) from the issuance of this letter. Further measures may need to be taken in the event that additional artifacts or archaeological sites are identified or the Report(s) is otherwise found to be inaccurate, incomplete, misleading or fraudulent.*

Newton, Dorin/TOR

From: Batchoun, Maurice/TOR
Sent: Tuesday, September 29, 2020 1:31 PM
To: Mazzotta, Rob (MTO)
Cc: Wiesek, Marek (MTO); Newton, Dorin/TOR; Della Mora, Dan (MTO); Kelly, Kevin (MTO)
Subject: RE: Etobicoke Creek Sanitary Trunk.

Rob,

Thank you for your response.

We are still at the EA stage. We will try t make the crossing at 90 degrees. We will contact you in the future if we need further advice.

Regards,

Maurice Batchoun, P. Eng.
Jacobs
Design Manager | Building Infrastructure and Advanced Facilities
+ 1.416.499.9000 Ext. 73556
+ 1.416.454.5918 mobile
maurice.batchoun@jacobs.com
245 Consumers Road, Suite 400
North York, Ontario, M2J 1R3
Canada
www.jacobs.com

From: Mazzotta, Rob (MTO) <Rob.Mazzotta@ontario.ca>
Sent: Thursday, September 24, 2020 9:30 AM
To: Batchoun, Maurice/TOR <Maurice.Batchoun@jacobs.com>
Cc: Wiesek, Marek (MTO) <Marek.Wiesek@ontario.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Della Mora, Dan (MTO) <Dan.DellaMora@ontario.ca>; Kelly, Kevin (MTO) <Kevin.Kelly@ontario.ca>
Subject: [EXTERNAL] RE: Etobicoke Creek Sanitary Trunk.

Maurice,

The ministry's preference is a perpendicular crossing however looking at your 85-95 degree angle request, maybe we can circulate a conceptual design to our internal offices for their input.
If you could send us something so we can circulate it, that would be a first step in giving you a direct answer.

Regards,

Rob Mazzotta
Ministry of Transportation
Central Region – Highway Corridor Management Office
159 Sir William Hearst Ave., 7th Floor
Toronto, Ontario
M3M 0B7
T : 416.235.4389

Ontario

From: Batchoun, Maurice/TOR <Maurice.Batchoun@jacobs.com>
Sent: September 23, 2020 5:38 PM
To: Mazzotta, Rob (MTO) <Rob.Mazzotta@ontario.ca>
Cc: Wiesek, Marek (MTO) <Marek.Wiesek@ontario.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: Etobicoke Creek Sanitary Trunk.

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

Rob and Marek,

I wonder if someone can answer my question or otherwise provide a contact for Hwy 410 proposed crossing.

We are working on an Environmental Assessment for twinning the Etobicoke Creek for the Region of Peel. Our Sanitary Trunk sewer needs to cross Hwy 410 in a tunnel. The Region advised us to confirm whether MTO requires a 90 Degree (or perpendicular) crossing or there are tolerances. Currently we are crossing at 85-95 degree angle. Please advise.

Regards,

Maurice Batchoun, P. Eng.
Jacobs
Design Manager | Building Infrastructure and Advanced Facilities
+ 1.416.499.9000 Ext. 73556
+ 1.416.454.5918 mobile
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Newton, Dorin/TOR

From: Martins, Frank (MTO) <Frank.Martins@ontario.ca>
Sent: Wednesday, December 9, 2020 5:26 PM
To: Othmane Benjrad; Newton, Dorin/TOR
Cc: Ponce Vanelli, Italia; Pilla, Angelo (MTO); Jeff Booker; Wiesek, Marek (MTO)
Subject: [EXTERNAL] RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi Folks,

Can you ensure that Marek Wiesek from my office is also included in a potential meeting.

Regards,
Frank

Frank Martins, P.Eng.
Head, Highway Concessions Section
Ministry of Transportation Ontario
159 Sir William Hearst Ave, 7th Floor
Toronto ON, M3M 0B7

Cell: 416-704-8646
Email: Frank.Martins@ontario.ca

From: Othmane Benjrad <obenjrad@407etr.com>
Sent: December-09-20 5:03 PM
To: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Martins, Frank (MTO) <Frank.Martins@ontario.ca>; Pilla, Angelo (MTO) <Angelo.Pilla@ontario.ca>; Jeff Booker <jbooker@407ETR.com>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

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Hello All,

Both dates work for me.

Regards,

Othmane Benjrad
Engineering Technologist
407 ETR Concession Company
Woodbridge, Ontario L4H 1J1
Tel: 905-265-4070 ext. 5651
Email: obenjrad@407etr.com
Web: 407etr.com

407 ETR Express Toll Route
FAST. SAFE. RELIABLE.
Connect with us @407ETR.

From: Jeff Booker <jbooker@407ETR.com>
Sent: Wednesday, December 9, 2020 4:50 PM
To: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Othmane Benjrad <obenjrad@407etr.com>; Frank.Martins@ontario.ca; Angelo.Pilla@ontario.ca
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hello all,

I assume this will be a virtual meeting.

I have some availability:

Monday Dec 14 – afternoon
Wednesday Dec 16 - morning.

Jeff

From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Thursday, November 26, 2020 4:09 PM
To: Othmane Benjrad <obenjrad@407etr.com>; Jeff Booker <jbooker@407ETR.com>; Frank.Martins@ontario.ca; Angelo.Pilla@ontario.ca
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

CAUTION: This email is from an external source. Be careful when clicking links or opening attachments.

Good afternoon,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified a preliminary preferred alternative and would like to confirm this with input from the public and stakeholders. Please see attached Notice for details on how to access the Region's *Online Public Engagement* material.

As the preliminary preferred alternative involves crossing of Highway 407, we would like to consult with 407 ETR to ensure that any comments or concerns are captured and considered. We would like the opportunity to meet with you and your staff to discuss this project in more detail and request to confirm your availability to meet at your earliest convenience. Please contact the undersigned to confirm details for this consultation meeting. We look forward to hearing from you and working together throughout this study.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering

On behalf of:

Italia Ponce, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 4583
italia.ponce@peelregion.ca

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Newton, Dorin/TOR

From: Newton, Dorin/TOR
Sent: Tuesday, January 19, 2021 3:00 PM
To: WanChi.Ma@ontario.ca; jason.white@ontario.ca; Mazzotta, Rob (MTO); Marek.Wiesek@ontario.ca; Dan.DellaMora@ontario.ca; Mark.j.white@ontario.ca; corey.caple@ontario.ca; phil.iannacito@ontario.ca; graham.routledge@ontario.ca
Cc: Frank.Martins@ontario.ca; Ponce Vanelli, Italia; Jones, Lee Anne/TOR
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Good afternoon,

Further to our email of November 26, 2020, the period of Online Engagement has ended for the Region of Peel's Etobicoke Creek Trunk Sewer Environmental Assessment and the Region intends to proceed with Phase 3 – Evaluation of Alternative Designs, based on the preferred alignment; the Deep Trunk Alternative. The Region and its project team met with representatives from 407 ETR and MTO (copied to this email) on December 14, 2020 to discuss the findings of Phase 2, the preliminary preferred alternative and the resulting crossing of Highway 407; however, we have not to date received any specific comment with respect to Highway 410 crossing considerations.

Phase 3 of the EA will look into refining this alternative and selecting a preferred method/ design concept to construct a new sewer along this alignment. When the Phase 3 analysis is complete, we will contact MTO staff to present the evaluation, findings and next steps. Please do not hesitate to contact us should you have any comments.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
O:+00.416.499.0090 Ext. 73713 | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

---

From: Newton, Dorin/TOR
Sent: Thursday, November 26, 2020 4:05 PM
To: WanChi.Ma@ontario.ca; jason.white@ontario.ca; Mazzotta, Rob (MTO) <Rob.Mazzotta@ontario.ca>; Marek.Wiesek@ontario.ca; Dan.DellaMora@ontario.ca; Mark.j.white@ontario.ca; corey.caple@ontario.ca; phil.iannacito@ontario.ca; graham.routledge@ontario.ca
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Good afternoon,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified a preliminary preferred alternative and would like to confirm this with input from the public and stakeholders. Please see attached Notice for details on how to access the Region's *Online Public Engagement* material.

As the preliminary preferred alternative involves crossing of Highway 410, we would like to consult with MTO to ensure that any comments or concerns are captured and considered. We would like the opportunity to meet with you and your staff to discuss this project in more detail and request to confirm your availability to meet at your earliest convenience.

Please contact the undersigned to confirm details for this consultation meeting. We look forward to hearing from you and working together throughout this study.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering

On behalf of:

Italia Ponce, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 4583
italia.ponce@peelregion.ca

Guidelines for Foundation Engineering – Tunnelling Specialty
For Corridor Encroachment Permit Application

General

These guidelines specify MTO requirements for the Foundation Engineering – Tunnelling Specialty component of submissions from proponents of development within the Ministry of Transportation's (MTO) corridor permit control area. The Foundation Engineering – Tunnelling Specialty component of submissions is a requirement for the permit application only and does not cover all the design requirements.

All applications containing tunnelling proposals shall be forwarded to the regional Geotechnical Section for review. Applications containing Low Complexity tunnelling proposals will typically be reviewed by the regional Geotechnical Section. The Geotechnical Section will forward applications involving Medium and High Complexity tunnelling proposals to the Foundation Section of the Structures Office for review.

Foundations Engineering consultants that are registered in the MTO consultant acquisition system (RAQS) at complexity ratings identified in Table 1 are eligible to provide Foundations Engineering services for this project. Alternatively, the proponents may propose a Foundations Engineering consultant that is not registered in RAQS, in which case, the proponent must submit sufficient documentation to demonstrate that the consultant's qualifications meet or exceed the RAQS complexity requirements. The submission for RAQs exemption shall demonstrate that the proponent has successfully completed tunnelling/trenchless projects on projects of similar scope and complexity. The proponent shall submit a minimum of three (3) Foundation Investigation and Design Reports on projects of similar scope and complexity produced in the last five (5) years. The proponent shall submit any supplementary engineering and construction experience to demonstrate their qualifications.

For Engineering Materials Testing and Evaluation, the consultant shall be qualified for Soil and Rock testing of complexity level at least equal to that identified for this project.

Please refer to Table 1 on Page 2 for the Foundation Engineering Complexity of Work guideline.

Table 1: Complexity ratings for tunnelling specialty services

Excavation Diameter (ø)	≤ 300 mm		1 m ≥ ø > 300 mm		2 m ≥ ø > 1 m		ø > 2 m
Design Cover* (m)	≥ 1.5 m	< 1.5 m	≥ 3 ø and > 1.5 m	< 3 ø or < 1.5 m	≥ 3 ø	< 3 ø	N/A
King's Highway	**Low**	**Medium**	**Low**	**Medium**	**Medium**	**High**	**High**
400 Series Freeway	**Low**	**High**	**Medium**	**High**	**High**	**High**	**High**

* Design cover is the proposed vertical distance measured from the lowest ground elevation to the crown of the tunnel

Site Investigation, Field Testing and Monitoring

General

This section describes requirements for site investigation, field/laboratory testing and monitoring programs for a proposed tunnelling projects. For low complexity projects, some or all of these requirements may not be necessary. Foundation field investigation, laboratory analyses and monitoring for low complexity projects with an excavation diameter of 300 mm or less will generally only be required on an exception basis. The applicant's Foundation Engineering service can contact MTO Geotechnical staff for clarification regarding appropriate levels of investigation, testing and monitoring.

Field Testing

A minimum of one borehole is required at each end of tunnel crossing. The boreholes shall be located outside but within two metres of the tunnel's excavated footprint.

Spacing between the boreholes shall not exceed 50 m. In case of larger spacing between the boreholes, additional boreholes shall be advanced except where significant traffic disruptions might occur and where consistent conditions are evident.

Boreholes shall be advanced to 3 tunnel diameters (excavated diameters) below invert. If bedrock is encountered earlier, the borehole shall advance to at least 3 m below the invert of tunnel into the bedrock.

The investigations, if required, shall be supplemented with additional and deeper boreholes to verify consistent conditions and existence of boulders within critical foundation zones.

Sampling and testing, consisting of Standard Penetration Test, thin wall tube sample, rock cores, and MTO Field Vane Test where appropriate, shall be conducted to develop a comprehensive subsurface model. Semi-continuous sampling at 0.75m (2.5ft) intervals is required within overburden; whereas, sampling interval of 1.5m (5.0ft) is required below the tunnel invert.

Where encountered, the bedrock-soil interface shall be determined by geological definition and not the by the material properties.

All aspects of implementation of means of subsurface investigations including, but not limited to, planning, licensing, construction, maintenance, abandonment, and reporting, shall be in accordance with Ministry of the Environment Regulation 903 and its amendments (the water well regulation under the OWRA).

Boreholes and piezometer tubes shall be backfilled with a suitable bentonite/cement mixture. Test pits shall be backfilled with suitable material and either re-vegetated or otherwise protected from erosion. Temporary open holes shall be adequately covered. Holes in roads shall be backfilled as required to prevent future settlement and acceptably patched where pavement surfaces have been damaged. Backfilling requirements shall be described in the Foundation Investigation and Design Report.

Where encountered, artesian groundwater conditions shall be sealed. Details of the artesian condition and the sealing operation shall be included in the Foundation Investigation Report.

Fieldwork, including any Traffic Protection Plans required, shall be carried out in accordance with the Occupational Health and Safety Act.

Traffic Control in accordance with Ontario Traffic Manual Book 7 shall be provided during the course of any field investigations. However, where significant traffic disruptions might occur, boreholes may be relocated or numbers reduced with MTO’s approval.

The locations and ground surface elevations of all boreholes, test pits and soundings shall be surveyed and referred to fixed reference points and data. Locations are to be identified by co-ordinates (Northing and Easting). The vertical accuracy of survey readings shall be within 0.1m; whereas, horizontal accuracy shall be within 0.5m.

The site investigation shall be of sufficient scope to verify design assumptions and to provide the contractor with adequate subsurface information for design and construction planning.

Sufficient subsurface (factual) information is required to determine the vertical and horizontal extent of subsurface materials (including both soil and rock) and their pertinent engineering properties and groundwater conditions.

Subsurface information is usually acquired by advancing boreholes, laboratory testing of soil samples and rock core samples, performing in-situ tests such as standard penetration tests, dynamic cone tests, and piezocone tests (CPTU) and test pits.

Minimum Laboratory Testing Requirements

Laboratory testing shall consist of routine testing of 25% of samples. One routine lab test is defined as natural water content plus Atterberg Limits plus grain size distribution tests. Complex laboratory testing is defined by all other tests including compressive strength, shear strength, consolidation, permeability and triaxial testing. Laboratory testing requirements shall be supplemented with additional routine and complex tests if required to verify strata boundaries and properties and behaviour of critical subsurface zones.

A minimum of one (1) soil chemical test shall be conducted at maximum of 100 m spacing. A soil chemical test includes pH, water soluble sulphate, sulphide, chloride, resistivity and electrical conductivity analyses.

Borehole Log Preparation and Foundation Drawing

Borehole log sheets, figures and drawings shall be prepared in accordance with MTO standards. The Foundation Drawing shall consist of a plan showing the locations of all borings, test pits and soundings and various stratigraphical longitudinal profiles and stratigraphical cross-sections at each tunnel structure foundation element and groundwater levels.

Requirements for the Foundation Investigation and Design Report

A Foundation Investigation and Design Report shall consist of the factual subsurface information (including the field and laboratory test information) and the recommendations required for foundation design.

Service Provider services shall be in accordance with the most recent editions of the Canadian Highway Bridge Design Code (CHBDC), and the 'Guideline for Professional Engineers Providing Geotechnical Engineering Services' published by the Professional Engineers of Ontario.

The designated principal contact identified for Foundations Engineering services by MTO shall sign, and where required, seal, all submissions and correspondence that are submitted to MTO.

The report shall be signed and sealed by two professional engineers, registered with the Professional Engineers of Ontario, representing the consulting firm; one of them shall be the firm's designated principal contact for MTO's Foundations Engineering projects.

The Foundation Investigation component of the report shall contain:

- Site Description - including topography, vegetation, drainage, existing land use, and structures.
- Investigation Procedures - including site investigation and lab testing procedures.
- Description of Subsurface Conditions - including soil, boulders, rock and groundwater conditions.
- Miscellaneous Section - that identifies the name of the drilling company, the laboratory where testing was performed, the persons who carried out the field supervision, and those who wrote and reviewed the report.

The Foundation Design component of the report shall present discussion and recommendations for design. The Service Provider shall analyse field data and test results and make comprehensive and practical recommendations pertaining to temporary, interim and permanent conditions at the Project.

The Service Provider shall identify and evaluate all reasonable and appropriate alternatives for the proposed tunnel crossing. Alternatives may include, but not limited to, jack & bore, pipe jacking using TBM, pipe ramming, micro-tunnelling, utility tunnelling using TBM (two pass system), Horizontal Directional Drilling (HDD)and cut and cover methods.

The Service Provider shall identify and present overview assessments of the advantages, disadvantages, relative costs and risks/consequences of alternative tunnelling methods in a table. The report should conclude a preferred alternative from foundation engineering and cost effectiveness perspective.

In the development and design of the preferred alternative, the Service Provider shall, as applicable, address:

- impacts on the land use and property, traffic and transportation, and environment,
- length and diameter constraints
- control of face stability
- capability of boulder excavation
- evaluation of temporary and permanent support
- alignment control
- estimated settlements and heave and management of these deformations

- special access and egress requirements for TBM's and other similar equipment such as those used for the Jack & Bore method including recommendations for vertical shafts and jacking pits;
- shored and un-shored alternatives for open-cut excavation;
- groundwater control & dewatering;
- the long-term stability of the tunnel;
- relative costs; and
- traffic management and contractor access for each alternative.

If borehole logs available from previous projects are included to meet the requirements of field investigations then the accuracy of subsurface information from these boreholes remains the responsibility of Service Provider except in situations where MTO specify the use of previous boreholes. Borehole logs from previous studies that are appended to the report shall be reformatted to meet the MTO's requirements.

The final foundation recommendations shall detail the geometric, material and strength properties of the new tunnel crossing plus the liner, bedding and backfill requirements, and slope and embankment restoration requirements. The invert elevation should be assessed in view of the subsurface conditions and the anticipated open face stability control.

The Service Provider is responsible for developing contract documents sufficient to implement the design. This typically includes:

- Contract specifications for materials and specialized construction activities, and
- Recommendations for methods of overcoming anticipated construction problems, in particular, those relating to dewatering, boulder excavation, alignment control and the stability of excavations and embankments.

The Service Provider shall develop a detailed instrumentation and monitoring program that meets the requirements of these guidelines. (see Appendix for typical settlement monitoring guidelines).

The Service Provider is responsible for preparing Traffic Control Plans, Traffic Protection Plans and to obtain approvals and an Encroachment Permit from the Ministry, which are required for lane closures necessary to install the settlement monitoring points.

The tunnelling Service Provider shall ensure that the foundations engineering component of the project is adequately reflected in the design drawings, specifications and related contract documents.

Written confirmation is required from the Proponent and the tunnelling Service Provider that the design package submitted to MTO have been reviewed by the tunnelling Service Provider and that all recommendations have been satisfactorily incorporated in the contract package.

APPENDIX: SETTLEMENT MONITORING GUIDELINES - TUNNELING

The purpose of settlement monitoring is to prevent damage to existing utilities and highway structures along the tunnel alignment. Ground settlement include settlement due to lost ground and dewatering/drainage.

Daily visual monitoring of the road surface and shoulders shall be carried out for any evidence of movements (e.g. cracks, bulges, heaves, depressions, ponding, etc.)

Instrumentation Arrays

All measurement points shall be installed and surveyed before the start of excavation to establish benchmarks/baseline.

Surface Monitoring Points

Surface monitoring points will be installed to cover the whole length of the tunnel with in the right of way under the jurisdiction of MTO (Figure 1).

Surface monitoring points will be located at not greater than 5m intervals along the tunnel alignment. The surface monitoring will be identified using paint marks on the pavement. Surface monitoring points installed on the unpaved right of way shall be founded below frost penetration depths. The interval and/or marking of the points should be changed with MTO's approval where traffic disruptions might occur.

The final instrumentation plan should be finalised when Contractor's proposed construction method is available.

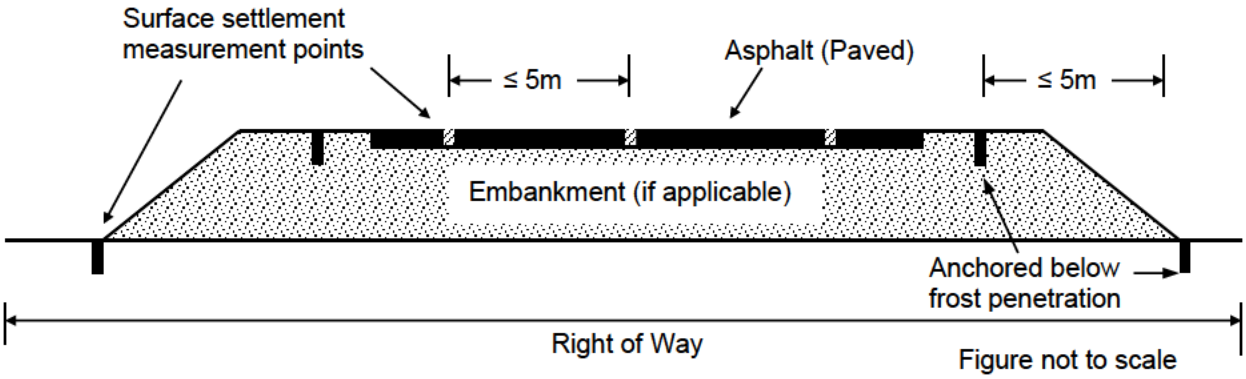


Figure 1: Typical configuration of surface settlement monitoring points along the tunnel alignment.

Condition Survey

A condition survey for the pavement will be carried out prior to commencement of construction and documented for the purpose of requirement of restoration. The condition survey shall document visible flaws such as cracks, distortions and deviations, heaves, and depressions. This surface survey will be completed during the installation of the monitors and again once the tunnel has been completed.

Reading Frequency

An average of at least two readings shall be taken to establish the initial conditions.

The reading and collection of data from the surface monitoring points shall be read and recorded by the Contractor during the construction period and after construction for period of at least 2 weeks provided that further settlement has stopped.

A minimum of three (3) sets of reading be taken daily, provided that movements are within anticipated limits. Otherwise, the frequencies should increase according to a pre-planned interval.

Monitoring of movements is required during work stoppages, such as during non-operation period (off-shifts) or weekends. A minimum of three (3) sets of readings should be taken daily.

Measurements of the monitoring points shall be reported promptly to MTO for review.

Data Collection and Data Transfer

A procedure is required to be established in consultation with MTO so that the monitoring data and the interpreted data will reach all parties as soon as necessary. The contract administrator/Service Provider and the Contractor should interpret monitoring data as needed for the purpose of on-going construction. The Foundation Engineer should be contacted for technical support to the prime Service Provider in the interpretation of ground movements and review of the Contractor’s response when Review and Alert Levels are reached.

Criteria for Assessment

The acceptable surface settlement (or heave) will be according to criteria as specified below.

Baseline Reading – A baseline reading of the instrumentation shall be taken prior to commencement of the work. An average of at least two initial readings shall be recorded as baseline reading.

Review Level – A maximum value of 10 mm relative to the baseline readings is suggested for this project. If this level is reached, the method, rate or sequence of construction, or ground stabilization measures should be reviewed or modified to mitigate further ground displacements.

Alert Level – A maximum value of 15mm relative to the baseline readings is suggested for this project. If this level is reached, the Contractor shall cease construction operations and to execute pre-planned measures to secure the site, to mitigate further movements and to assure safety of public and maintain traffic.

Review of Contractor's Proposed Method

MTO, the Proponent's prime Service Provider and Foundation Engineer should review the Contractor's proposed method of construction. The proposed method should include a description of the potential loss of ground, and calculation of the maximum settlement in relation to the Contractor's procedure and equipment, alternative/remedial measures when review level of measurement is reached; and contingency/remedial measures when alert level of measurement is reached.

Contractor's Responsibility for Restoration and Warranty Provision

In addition to the monitoring program to assess the adequacy of the construction method to control potential ground movements and groundwater, the Contractor is responsible for reinstatement (such as surface paving) should movements or other surface distress occur, and provide a reasonable warranty period acceptable to MTO. Remedial measures shall be approved by MTO; however, MTO maintains the right to perform the maintenance at the proponent's expense.

Construction Monitoring

The Proponent shall retain a RAQS qualified Geotechnical Service Provider – Medium Complexity to supervise the installation of surface settlement points on site and to provide direction, technical input and field inspection on this project.

From: Yousaf, Kamran (MTO) <Kamran.Yousaf@ontario.ca>
Sent: May 20, 2022 10:45 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hi Italia,

In general, MTO Encroachment permits will be required for the sanitary sewer crossing under Highway 410 and 407ETR and for any investigative work (i.e. borehole's investigation) within the MTO designated right of way. A Foundations Investigation and Design Report is required for both crossings and I have attached our latest CMO Guidelines for your reference. Also, all structures and appurtenances associated with the highway crossing should be setback 14 m (min) from the highway property line (i.e. manholes, valve chambers etc.).

Regarding the alignment, what is the horizontal clearance from the 410 and 407 overpasses to the sanitary crossing?

Thanks,
Kamran Yousaf
Corridor Management Office
Ministry of Transportation | Central Region
159 Sir William Hearst Ave. 7th Floor,
Toronto, ON M3M 0B7
M: (437)-688-3291

Newton, Dorin/TOR

From: Mahood, Tom/KWO
Sent: Wednesday, June 1, 2022 12:23 PM
To: Kamran.Yousaf@ontario.ca
Cc: Newton, Dorin/TOR; Quintero, Camilo/TOR; Park, Daniel; Ponce Vanelli, Italia
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Kamran,

Italia forwarded your email to our Jacobs team and we can offer the following response:

Thank you for the information provided in your email. Jacobs has worked on projects similar to the current Etobicoke Creek EA and is aware of the requirements for MTO Encroachment Permit and the CMO Guidelines.

We do not have detail drawings at this time since the study is currently at a concept level. The alignment shown on the concept sketches crosses before or after the in and out ramps, and on Hwy 410 the overpass is around 700m away while on Hwy 407 it is around 900 m away from the proposed crossings. The closest bridge would be the one on Tomken Rd that is around 350 m away from the proposed 407 crossing.

As the project evolves we will maintain communication with MTO and will follow the guidelines to ensure we comply with all MTO requirements before applying for the Encroachment Permit.
I hope we have answered your question and should you have any further questions or comments please do not hesitate contacting Italia and myself.

Best Regards,

Tom

Tom Mahood, P.Eng. | Jacobs |
O: 1.519.579.3500 x 73241 | M: 1.519.830.1404 | tom.mahood@jacobs.com
72 Victoria Street South, Suite 300 | Kitchener, ON N2G 4Y9 | Canada

---

From: Yousaf, Kamran (MTO) <Kamran.Yousaf@ontario.ca>
Sent: May 20, 2022 10:45 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
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Corridor Management Office
Ministry of Transportation | Central Region
159 Sir William Hearst Ave. 7th Floor,
Toronto, ON M3M 0B7
M: (437)-688-3291

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Wednesday, May 18, 2022 2:07 PM
To: Hislop, Chris (NDMNRF)
Cc: Julie.simard@ontario.ca; Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Notice of Public Information Centre #2 (Virtual)- Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Chris
Thanks for replying and passing the information along. We will update our contact list and add the Aurora Generic Inbox for future communication.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

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From: Hislop, Chris (NDMNRF) <Chris.Hislop@ontario.ca>
Sent: May 18, 2022 12:03 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Notice of Public Information Centre #2 (Virtual)- Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hi Italia,

I no longer work for Aurora District NDMNRF, I have sent along the information to District Supervisor, Julie Simard (Julie.simard@ontario.ca). Please update your contact list to include Julie and the Aurora District Generic Inbox scp.aurora@ontario.ca where incoming requests are reviewed and assigned to staff.

Thanks and have a great day.

Chris

Chris Hislop (he/him)
Regional Lands Specialist
Southern Region
Ministry of Northern Development, Mines, Natural Resources and Forestry
chris.hislop@ontario.ca
289-221-3149

As part of providing accessible customer service, please let me know if you have any accommodation needs or require communication supports or alternate formats.

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: May 17, 2022 8:10 PM
To: ZZG-PWI <pwi@peelregion.ca>
Subject: Notice of Public Information Centre #2 (Virtual)- Etobicoke Creek Trunk Sewer Improvements and Upgrades

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

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified preliminary preferred concepts for the preferred alignment and would like to confirm this with input from the public and stakeholders. Attached is Notice for PIC 2 which is taking place on May 18. The notice contains details on how to access the Region's Online Public Engagement #2 material. I have also included the project's website for quick access.

Please direct any comments to me. Comments will be received until June 1. However if you wish to meet or obtain additional information, or would like clarification on the material presented, please feel free to call me or email me.

Etobicoke Creek trunk sewer improvements and upgrades - Region of Peel (peelregion.ca)

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Short, Sam (NDMNRF) <Sam.Short@ontario.ca>
Sent: May 31, 2022 10:12 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Notice of Public Information Centre #2 (Virtual)- Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hello Italia,

Thank you for circulating this notice to our office. NDMNRF's Land Use Planning and Strategic Issues Section (LUPSI) has received the Notice of preliminary preferred concepts for the Etobicoke Creek Trunk Sewer Improvements and Upgrades being undertaken as part of a Municipal Class EA. We provide the following information and comments for your consideration:

Natural Heritage

NDMNRF's natural heritage and natural resources GIS data layers can be obtained through the Ministry's Land Information Ontario (LIO) website. You may also view natural heritage information online (e.g., Provincially Significant Wetlands, ANSI's, woodlands, etc.) using the Make a Map: Natural Heritage Areas tool.

We recommend that you use the above-noted sources of information during the review of your project proposal.

Natural Hazards

A series of natural hazard technical guides developed by NDMNRF are available to support municipalities and conservation authorities implement the natural hazard policies in the Provincial Policy Statement (PPS). For example, standards to address flood risks and the potential impacts and costs from riverine flooding are addressed in the *Technical Guide River and Stream Systems: Flooding Hazard Limit (2002)*. We recommend that you consider these technical guides as you assess specific improvement projects that can be undertaken to reduce the risk of flooding.

Public Lands Act & Lakes and Rivers Improvement Act

Our staff have reviewed the location of the proposed alignment and determined that this proposal may require land tenure under the Public Lands Act (PLA). Once the alignment design has been finalized, please include the Aurora District NDMNRF office on the project circulation. They can be reached at scp.aurora@ontario.ca.

Fish and Wildlife Conservation Act

Please note, that should the project require:

- The relocation of fish outside of the work area, a Licence to Collect Fish for Scientific Purposes under the *Fish and Wildlife Conservation Act* will be required.
- The relocation of wildlife outside of the work area (including amphibians, reptiles, and small mammals), a Wildlife Collector's Authorization under the *Fish and Wildlife Conservation Act* will be required.
- For more information, please contact the Aurora District NDMNRF office, at 905-713-7400.

Other Approvals

Please also note that it is the proponent's responsibility to be aware of, and comply with, all relevant federal or provincial legislation, municipal by-laws or other agency approvals.

If you have any questions regarding the above comments, don't hesitate to contact me.

Thank you,

Sam Short (he/him)
Regional Planner
Ph: 705-772-9329
Land Use Planning and Strategic Issues Section – Southern Region
Ministry of Northern Development, Mines, Natural Resources and Forestry

Newton, Dorin/TOR

From: Dorin.Newton@jacobs.com
Sent: Wednesday, December 16, 2020 8:58 AM
To: Newton, Dorin/TOR
Subject: ECTS EA - Phase 2 Studies

Jacobs File Transfer System

Dorin.Newton@jacobs.com has sent you a file archive, with the following message:

Good morning Suzanne,

Please find here a link to download the hydrogeological report for the Etobicoke Creek Trunk Sewer EA's Phase 2.

Thank you,
Dorin

If you trust Dorin.Newton@jacobs.com, use the URL below to pick up the file archive (you may need to copy and paste it into your browser):

Download URL: https://jftt.jacobs.com/download.aspx?ID=7c1f5e13-8050-4445-8bca-4655375a6f58&RID=8d589b72-e979-435f-ae51-9a9551978463
Download size: 14,294 KB
Download contents: hydrogeology_desktopreview.pdf
Distribution:
To:Suzanne.Bevan@trca.ca
Cc:italia.ponce@peelregion.ca, LeeAnne.Jones@jacobs.com

You have 7 days to pick up this file archive; after 7 day(s) (Midnight 12/23/2020), it will be deleted. This is an automated e-mail. Thank you for using the Jacobs File Transfer System.

Newton, Dorin/TOR

From: JacobsFileTransfer@jacobs.com
Sent: Wednesday, December 16, 2020 9:19 AM
To: Newton, Dorin/TOR
Subject: File Transfer Received

File Transfer Receipt.
Sent: 12/16/2020
Containing the following files: hydrogeology_desktopreview.pdf
Received by Suzanne.Bevan@trca.ca.

Newton, Dorin/TOR

From: Jones, Lee Anne/TOR
Sent: Wednesday, December 16, 2020 11:23 AM
To: Suzanne Bevan; Newton, Dorin/TOR
Cc: Ponce Vanelli, Italia
Subject: RE: ECTS EA - Phase 2 Studies

Hi Suzanne
Please reach out of you have any further questions on the information and we can decide at that time, if we need a further call.

Thank you
Lee Anne

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Wednesday, December 16, 2020 11:01 AM
To: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: [EXTERNAL] RE: ECTS EA - Phase 2 Studies

Hi Dorin (I am sorry not Newton,)

Thank you very much. The attached document should be sufficient. I don't require a meeting.

I am still happy to meet this afternoon should anyone else wish to discuss further.

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |



From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Wednesday, December 16, 2020 10:53 AM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: RE: ECTS EA - Phase 2 Studies

Good morning Suzanne,

Please find attached our evaluation table for the four alternatives, including the criteria applied and the assessment for each alignment. We are reviewing availability for a call this afternoon and will advise soonest.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
O:+00.416.499.0090 Ext. 73713 | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

---

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Wednesday, December 16, 2020 8:00 AM
To: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: [EXTERNAL] RE: ECTS EA - Phase 2 Studies

Hi Newton,

I have the Natural Sciences Report, the presentation slides but do not have the hydrogeological report. Could you please send another link – the previous one has expired.

Staff can provide comments on the submitted materials but I would like to discuss the background information that supports the preferred alignment from a constraint perspective. The presentation was great but I am hoping to get additional information in order to provide a comprehensive response.

Is anyone available to discuss this briefly over Teams between 3-4pm today?

I would like to discuss the

Thank you,

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Infrastructure Planning and Permits | Development and Engineering Services

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E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

Toronto and Region Conservation Authority

From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Tuesday, December 15, 2020 4:46 PM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: FW: ECTS EA - Phase 2 Studies

Good afternoon Suzanne,

Please let me know if you are able to access the link below to download the Hydrogeology Desktop Review and the Draft Natural Sciences Report.

Thank you,

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O:+00.416.499.0090 Ext. 73713 | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

---

From: Dorin.Newton@jacobs.com <Dorin.Newton@jacobs.com>
Sent: Tuesday, December 8, 2020 1:18 PM
To: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: ECTS EA - Phase 2 Studies

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Dorin.Newton@jacobs.com has sent you a file archive, with the following message:

> Hi Suzanne,
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> Please find here the link to download the following:
> - Hydrogeology Desktop Review
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Download size: 20,595 KB
Download contents: ta8907-2020draftetobicokecreektrunksewernaturalsciencesreportv5oct2020.pdf, hydrogeology_desktopreview.pdf
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Cc:italia.ponce@peelregion.ca

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Newton, Dorin/TOR

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Wednesday, January 6, 2021 8:21 AM
To: Newton, Dorin/TOR
Cc: Ponce Vanelli, Italia; Jones, Lee Anne/TOR
Subject: [EXTERNAL] RE: ECTS EA - Phase 2 Studies

Hi Newton,

Happy New Year to all.

Please note that staff have completed their review of the reports including the evaluation table. Acknowledging the information in the evaluation table and the technical constraints staff still have concerns with the proposed/preferred alignment through the valley and the associated construction, maintenance impacts and consistency with TRCA's The Living City Policies.

I understand the challenges with siting the sewer and that the project team would like to move this forward the project. As such, I am meeting with senior staff to discuss staff's comments and the project constraints outlined in the evaluation table and will get back to the project team first thing next week with a formal response.

Please do not hesitate to reach out to me directly should you have any questions.

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
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A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

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To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
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O:+00.416.499.0090 Ext. 73713 | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

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Infrastructure Planning and Permits | Development and Engineering Services

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Subject: FW: ECTS EA - Phase 2 Studies

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Distribution:
To:Suzanne.Bevan@trca.ca
Cc:italia.ponce@peelregion.ca

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Monday, January 11, 2021 4:06 PM
To: Suzanne Bevan
Cc: Jones, Lee Anne/TOR; Newton, Dorin/TOR
Subject: [EXTERNAL] Re: ECTS EA - Phase 2 Studies

Ok great! Thanks so much Suzanne for the quick response, we will wait for the letter. Please contact me if there any questions that arise from your meeting with the associate director.

Thanks again.

Italia Ponce, P. Eng.
Project Manager
Water and Wastewater Division
Public Works
Region of Peel
T:905-791-7800 ext. 4583

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Monday, January 11, 2021 3:54 PM
To: Ponce Vanelli, Italia
Cc: Jones, Lee Anne/TOR; Newton, Dorin/TOR
Subject: RE: ECTS EA - Phase 2 Studies

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Hi Italia,

I do apologize for the delay. I am scheduled to meet with Associate Director tomorrow - the letter is drafted and my intention is to provide it to the project team no later than Wednesday.

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

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Sent: Monday, January 11, 2021 3:53 PM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Sharon Lingertat <Sharon.Lingertat@trca.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: ECTS EA - Phase 2 Studies

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Thank you for your interest in the project and your feedback.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: January 6, 2021 8:21 AM
To: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
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Please do not hesitate to reach out to me directly should you have any questions.

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From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
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Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: RE: ECTS EA - Phase 2 Studies

Good morning Suzanne,

Please find attached our evaluation table for the four alternatives, including the criteria applied and the assessment for each alignment. We are reviewing availability for a call this afternoon and will advise soonest.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
O:+00.416.499.0090 Ext. 73713 | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

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Is anyone available to discuss this briefly over Teams between 3-4pm today?

I would like to discuss the

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
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Toronto and Region Conservation Authority

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Thank you,

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O:+00.416.499.0090 Ext. 73713 | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

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From: Dorin.Newton@jacobs.com <Dorin.Newton@jacobs.com>
Sent: Tuesday, December 8, 2020 1:18 PM
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Subject: ECTS EA - Phase 2 Studies

Jacobs File Transfer System

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- Draft Natural Sciences Report

I did not include the presentation slides based on your email.

Thank you,
Dorin

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Newton, Dorin/TOR

From: Newton, Dorin/TOR
Sent: Thursday, January 14, 2021 12:45 PM
To: Suzanne Bevan
Cc: Jones, Lee Anne/TOR; Ponce Vanelli, Italia
Subject: RE: ECTS EA - Phase 2 Studies
Attachments: ShortList_Alternatives_20210114.zip

Hi Suzanne,

Please find attached the four short list of alternatives.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
O:+00.416.499.0090 Ext. 73713 | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

---

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Thursday, January 14, 2021 10:15 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: [EXTERNAL] RE: ECTS EA - Phase 2 Studies

Hi Italia,

Thank you for your time on Tuesday.

Could the project team provide a shape file of the short list of alignments to assist in our response.

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

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A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

Toronto and Region Conservation Authority

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Sent: Monday, January 11, 2021 3:55 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
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Infrastructure Planning- Water & Wastewater Division
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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Monday, January 25, 2021 5:32 PM
To: Jones, Lee Anne/TOR
Cc: Newton, Dorin/TOR
Subject: [EXTERNAL] FW: ECTS EA - Phase 2 Studies

FYI

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you
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From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: January 25, 2021 5:31 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: ECTS EA - Phase 2 Studies

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hi Italia,

I just wanted to give you a quick update.

I will be briefing Senior Director on Wednesday. My hope is that I can get you a letter by the end of the week. I will follow up Wednesday afternoon should anything change.

Thank you,
Suzanne

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Tuesday, January 12, 2021 2:17 PM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Subject: RE: ECTS EA - Phase 2 Studies

Yes I am available. Let me reschedule

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
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From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: January 12, 2021 2:16 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: ECTS EA - Phase 2 Studies

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hi Italia,

Only if convenient – I am available now. If not convenient I will chat with you at 3pm

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

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A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Tuesday, January 12, 2021 12:00 PM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Subject: RE: ECTS EA - Phase 2 Studies

Yes I am available. Do you want me to send the meeting invite in teams? Or phone. Either works for me.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
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Sent: January 12, 2021 11:58 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: ECTS EA - Phase 2 Studies

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hi Italia,

Do you have 15-20 min to discuss this project? I am available from 3-4pm. The consultant is welcome but may not be necessary and it will be just me on the line from TRCA.

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

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Cc: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: Re: ECTS EA - Phase 2 Studies

Ok great! Thanks so much Suzanne for the quick response, we will wait for the letter. Please contact me if there any questions that arise from your meeting with the associate director.

Thanks again.

Italia Ponce, P. Eng.
Project Manager
Water and Wastewater Division
Public Works
Region of Peel
T:905-791-7800 ext. 4583

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Monday, January 11, 2021 3:54 PM
To: Ponce Vanelli, Italia
Cc: Jones, Lee Anne/TOR; Newton, Dorin/TOR
Subject: RE: ECTS EA - Phase 2 Studies

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Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: January 6, 2021 8:21 AM
To: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: RE: ECTS EA - Phase 2 Studies

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hi Newton,

Happy New Year to all.

Please note that staff have completed their review of the reports including the evaluation table. Acknowledging the information in the evaluation table and the technical constraints staff still have concerns with the proposed/preferred alignment through the valley and the associated construction, maintenance impacts and consistency with TRCA's The Living City Policies.

I understand the challenges with siting the sewer and that the project team would like to move this forward the project. As such, I am meeting with senior staff to discuss staff's comments and the project constraints outlined in the evaluation table and will get back to the project team first thing next week with a formal response.

Please do not hesitate to reach out to me directly should you have any questions.

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

Toronto and Region Conservation Authority

From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Wednesday, December 16, 2020 10:53 AM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: RE: ECTS EA - Phase 2 Studies

Good morning Suzanne,

Please find attached our evaluation table for the four alternatives, including the criteria applied and the assessment for each alignment. We are reviewing availability for a call this afternoon and will advise soonest.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
O:+00.416.499.0090 Ext. 73713 | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

---

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Wednesday, December 16, 2020 8:00 AM
To: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: [EXTERNAL] RE: ECTS EA - Phase 2 Studies

Hi Newton,

I have the Natural Sciences Report, the presentation slides but do not have the hydrogeological report. Could you please send another link – the previous one has expired.

Staff can provide comments on the submitted materials but I would like to discuss the background information that supports the preferred alignment from a constraint perspective. The presentation was great but I am hoping to get additional information in order to provide a comprehensive response.

Is anyone available to discuss this briefly over Teams between 3-4pm today?

I would like to discuss the

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Tuesday, December 15, 2020 4:46 PM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: FW: ECTS EA - Phase 2 Studies

Good afternoon Suzanne,

Please let me know if you are able to access the link below to download the Hydrogeology Desktop Review and the Draft Natural Sciences Report.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
O:+00.416.499.0090 Ext. 73713 | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

From: Dorin.Newton@jacobs.com <Dorin.Newton@jacobs.com>
Sent: Tuesday, December 8, 2020 1:18 PM
To: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: ECTS EA - Phase 2 Studies

Jacobs File Transfer System

Dorin.Newton@jacobs.com has sent you a file archive, with the following message:

Hi Suzanne,

Please find here the link to download the following:
- Hydrogeology Desktop Review
- Draft Natural Sciences Report

I did not include the presentation slides based on your email.

Thank you,
Dorin

If you trust Dorin.Newton@jacobs.com, use the URL below to pick up the file archive (you may need to copy and paste it into your browser):

Download URL: https://jftt.jacobs.com/download.aspx?ID=e35c6db0-fba7-4edd-aa87-5707ccdf02ce&RID=06b2cff0-4a23-4cb2-8b74-f6ce9e648bd4
Download size: 20,595 KB
Download contents: ta8907-2020draftetobicokecreektrunksewernaturalsciencesreportv5oct2020.pdf, hydrogeology_desktopreview.pdf
Distribution:
To:Suzanne.Bevan@trca.ca
Cc:italia.ponce@peelregion.ca

You have 7 days to pick up this file archive; after 7 day(s) (Midnight 12/15/2020), it will be deleted. This is an automated e-mail. Thank you for using the Jacobs File Transfer System.

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Newton, Dorin/TOR

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Friday, February 5, 2021 4:21 PM
To: Ponce Vanelli, Italia
Cc: Jones, Lee Anne/TOR; Newton, Dorin/TOR; Adam Miller; Victoria Kramkowski
Subject: [EXTERNAL]
Attachments: CFN 61367 - Feb 5 2021 Phase 1 2 Etobicoke Creek Trunk Sewer Improvements and Upgrades Class EA.pdf

Happy Friday All.

Please see attached letter.

My apologies for the delay in providing a response. I appreciate the additional time to brief staff due to the nature and location of the preferred alignment.

Please do not hesitate to contact me directly should you have any questions. Staff are available to meet to discuss further.

Thank you,
Suzanne

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
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E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

Toronto and Region Conservation Authority

February 5, 2021 CFN 61367

BY E-MAIL ONLY (italia.ponce@peelregion.ca)

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9

Dear Ms. Ponce:

Re: Etobicoke Creek Trunk Sewer Improvements and Upgrades (south of Steeles Road, east of Kennedy, north of Derry Road, west of Dixie)
Class Environmental Assessment – Schedule C
Etobicoke Creek Watershed; City of Brampton; Regional Municipality of Peel

Toronto and Region Conservation Authority (TRCA) staff received the following report in support of Phase 2 and the evaluation of the short list of alternatives:

- Phase 2 Presentation of Preferred Alternative, Jacobs, dated November 10, 2020;
- Natural Sciences Report, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Class Environmental Assessment (for Jacobs), LGL Limited, dated October 2020; received November 26, 2020;
- Hydrogeology Desktop Review, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Jacobs, dated September 18, 2020; received December 8, 2020;
- Shortlist Alternatives Assessment Table; received December 16, 2020.

PROJECT OVERVIEW

Staff understand that this Environmental Assessment (EA) involves development of alternative solutions for addressing future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer from Kennedy Road to south of Highway 407 in the City of Brampton. The study area is generally bounded by Kennedy Road to the west, Dixie Road to the east, Steeles Avenue to the north, and Derry Road to the south. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent.

PEEL REGION PREFERRED ALTERNATIVE

Staff understands that four alternative alignments were short listed for review: Etobicoke Creek, CAA, Kennedy Road and Deep Trunk. Further to the review of materials listed above it is understood that the Region's preferred alignment is the Deep Trunk alignment from Kennedy Road (south of Steeles Avenue) east to the intersection of Dixie and Derry Roads, 3678 m in length (approximately 600m of pipe installed along banks of Etobicoke Creek) with a varying depth from approximately 25 m to 2 m by both tunneling and open cut

construction methodologies. The Region has identified the following technical benefits of this alignment above other alternatives as follows:

- Reliable service available as flows can go to West and East trunks
- Compatible in connecting to the existing system
- Allows flow balancing
- Offers operational flexibility and provision for future connections

TRCA PREFERRED ALTERNATIVE

Staff note that aging infrastructure within valley systems is an ongoing challenge throughout TRCA's jurisdiction. Deteriorating pipes, undersized conveyance capacity, and continuous erosion scouring are typical issues that require ongoing maintenance and continuous disturbance to the natural system. To avoid these issues, it is TRCA's policy that infrastructure generally not be permitted within natural systems.

As the new sewer and upgrades are to alleviate issues with the current alignment along Etobicoke Creek, it is recommended that the new alignment recognize these issues and make attempts to prevent similar issues arising in the future. Accordingly, additional infrastructure within the valley system is not recommend nor supported by TRCA's Living City Policies and all efforts should be undertaken to achieve the trunk sewer alignment outside the valley system.

Staff note that the Kennedy Road alignment from the Etobicoke Creek (north of Steeles Avenue), south to Derry Road, including approximately an 800 m connection from Biscayne Crescent to Kennedy Road has the least impacts to natural heritage and hazards and restoration initiatives. The evaluation table shows this alignment as the option with the least area within TRCA's regulated area, small length of open-cut work, shafts within Right-of-Way, least impact on vegetation and wildlife, least impact on aquatic system due to tunnel within ROW, little to no potential for groundwater contamination, no impact expected to surface water and most accessible for operations and maintenance. As such, staff's preferred alignment is Kennedy Road.

However, staff acknowledge that the Kennedy Road alignment has the following technical challenges which may not address the Region's servicing requirements:

- Reduced reliability as capacity is heavily dependent on EWD STS
- Least compatible in connecting to the existing system
- Minimal opportunity for flow balancing
- Allows for provision of additional capacity beyond current future projections but no operational flexibility

As such, TRCA staff can accept while the Kennedy Road remains our preferred alignment it may not be an acceptable solution for the Region from a servicing perspective.

NEXT STEPS

In order to move forward with the Region's preferred alignment or an adjusted preferred alignment staff request further supporting information through the EA study process. Although it is understood that the next steps in the study will provide further information staff specifically request additional details related to short-term and long-term construction and long-term operations and maintenance (including access and associated sewer infrastructure) impacts to TRCA's areas of interest and regulated areas related to the Deep Trunk alignment.

As identified in the hydrogeological report additional investigation will be required with respect to anticipated impacts from groundwater management required for open-trench excavation and tunnel and shaft construction such as lowering the water table and reducing groundwater flow into natural features.

Please include a digital copy of all submitted material. Materials must be submitted in PDF format, with drawings pre-scaled to print on 11”x17” pages. Materials may be submitted via e-mail (if less than 25 MB), or through file transfer protocol (FTP) sites (if posted for a minimum of two weeks).

Staff look forward to working with project team to address these concerns. Should you have any questions, please contact me at extension 5759 or at suzanne.bevan@trca.ca.

Yours truly,



Suzanne Bevan
Senior Planner, Infrastructure Planning and Permits
Development and Engineering Services

Attached: Appendix A: TRCA Comments and Proponent Responses

BY E-MAIL

cc:	Consultant:	Lee Anne Jones, (leeanne.jones@jacobs.com)
		Dorin Newton (dorin.newton@jacobs.com)
	TRCA:	Adam Miller, Senior Manager, Development Planning and Permits
		Victoria Kramkowski, Government and Community Relations Specialist

APPENDIX A: TRCA Comments and Proponent Responses

ITEM	TRCA COMMENTS (February 5, 2021)	PROPONENT RESPONSE
1.	Please confirm if the Kennedy alignment does or does not address the problem statement. Staff request further details identifying the technical constraints and limitations of alignment along Kennedy Road be provided. This will be required to support further the next phases of EA review and to support any future reports in support of permit approval through TRCA's Executive Committee .	
2.	It is TRCA policy that infrastructure avoid locating within the Natural System and that linear infrastructure cross perpendicular to the Natural System at the narrowest point (Section 7.4.4.1 of TRCA Living City Policies). Staff have concerns with potential repairs within this valley system as a result of exposure due to channel migration, erosion and scouring, some of which may result in significant impacts to valley slopes through the construction of access roads. As the impacts of flooding, erosion, climate change, etc., continue to increase, new infrastructure proposed directly parallel to watercourses has potential to become at risk, require further emergency repairs and continue to cause further impacts on the natural features and hazards within valley systems. Should the Deep Trunk alignment move forward as the preferred alignment, staff request further details that demonstrate the Region's best efforts to avoid TRCA's regulated area including further consideration of adjustments to the Deep Trunk alignment.	
3.	Staff request the following be confirmed or that further clarification be provided through the EA process. a) Please confirm all sewer infrastructure will be placed on the east side of the existing pipe within the existing easement (opposite side of the watercourse) at the connection point near Dixie and Derry Road. b) Please provide further details for shaft location at Kennedy Road. Staff are concerns about impacts to TRCA regulated area (flooding, erosion etc.) c) Please provide further conceptual information related to construction staging, fill placement etc. or commitment to avoid impacts to flooding and erosion risk. d) Please provide further information regarding anticipated impacts from groundwater management required for open-trench excavation and tunnel and shaft construction such as lowering the water table and reducing groundwater flow into natural features. As the study progresses staff will confirm the need for an EMP.	
	It is the opinion of TRCA ecology staff that the natural system identified and assessed within the Natural Science Report by LGL Ltd. constitutes a significant contribution to the natural system in the Etobicoke Creek watershed. Any form of infrastructure proposed within the valley has numerous immediate impacts to the natural system as well as unidentified long-term repercussions. It is important to properly consider the protection of the ecological integrity of Core Areas of Peel's Greenland System. The above has not been fully assessed within the proposed alternative options evaluation criteria and should play a significant role in the selection of a preferred option. Please provide a comprehensive assessment of all options (may be focused on preferred and Kennedy Road alignments) including access and its associated impact to the natural system, impacts to connectivity within the valley land associated with permanent infrastructure, and future maintenance requirements. While initial cost for preferred options to go through the valley system may be favorably low, long-term impacts, both ecologically and economically, may prove to be significantly greater.	

Region of Peel
working with you

Public Works

10 Peel Centre Dr.
Suite A
Brampton, ON
L6T 4B9
tel: 905-791-7800

peelregion.ca

February 24, 2021

Suzanne Bevan
Senior Planner, Infrastructure Planning and Permits
TRCA

Dear Ms. Bevan,

RE: Class EA Study for the Etobicoke Creek Trunk Sewer Improvements and Upgrades

The Region of Peel and Jacobs have received TRCA's letter dated February 5, 2021 providing comments on the Phase 2 works undertaken for the Etobicoke Creek Trunk Sewer Schedule C Class Environmental Assessment (EA) (your file CFN 61367) and would like to provide the response attached in the completed APPENDIX A: TRCA Comments and Proponent Responses.

With the confirmation of the preferred construction methodology through the completion of Phase 3 of the Class Environmental Assessment, the Region intends to proceed with detailed geotechnical and hydrogeological investigations and associated field studies to provide more accurate information for detailed design activities and permitting activities to follow.

We understand that there may be still concerns related to the preferred alternative, however the Region of Peel looks forward to working productively with you through the completion of the remaining phases of the Class EA and into detailed design to identify the most appropriate mitigating measures to minimize impacts during construction as well as in the future.

Please do not hesitate to contact the undersigned with questions or clarifications.

Your very truly,



Italia Ponce, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 4583
italia.ponce@peelregion.ca

Cc: Suzanne Bevan (TRCA)
Adam Miller (TRCA)
Victoria Kramkowski (TRCA)
Lee Anne Jones (Jacobs)
Dorin Newton (Jacobs)

Appendix A: TRCA Comments and Proponent Responses

ITEM	TRCA COMMENTS (February 5, 2021)	PROPONENT RESPONSE
1	Please confirm if the Kennedy alignment does or does not address the problem statement. Staff request further details identifying the technical constraints and limitations of alignment along Kennedy Road be provided. This will be required to support further the next phases of EA review and to support any future reports in support of permit approval through TRCA's Executive Committee .	The Kennedy Road alignment evaluated in Phase 2 runs from the existing sewers south to connect to the Region's new East to West Diversion Sanitary Trunk Sewer (EWD STS), currently in construction. As noted in the detailed evaluation table that was provided to TRCA on December 16, 2020, this alignment did not completely address the Problem Statement due to the following key technical constraints and limitations: • The new trunk sewer has been sized to accommodate planned and projected flows in the connecting drainage area and address current flow limitations in the existing sewers. Hydraulic modelling indicates that due to the shallow slope in the existing sewers downstream of the current Biscayne connection, the majority of new flow to be collected in the drainage areas serviced by the Etobicoke Creek Trunk Sewer system would need to be routed through the new sewer to prevent surcharging downstream of the Biscayne connection. As a result, a flow of almost 4 m^3/s would be discharged to the East to West Diversion Sanitary Trunk Sewer (EWD STS) and routed into the Region's West Trunk System. The purpose of the Diversion Sewer is to build flexibility into the Region's sewer collection system so that flows can be diverted from the East Trunk System to the West Trunk System. This will allow for operation and maintenance of the various components of the sewer system without impacting service to the Region's customers. Connecting the Kennedy Road alignment to the Diversion Sewer would permanently consume almost half of the Diversion Sewer capacity, significantly reducing the Region's ability to divert flows from elsewhere in the system. • The existing Etobicoke Creek Trunk Sewers currently accept flow from a number of sub-trunks, including Biscayne (as noted above), Westcreek, West to East Diversion and local sewer connections. It is not technically feasible to extend these connections, in all cases, to the Kennedy Road alignment, thereby further decreasing operational flexibility of the solution for flow balancing between the three sewers. • It is also noted that while the Kennedy Road Alternative has been identified for trenchless construction to minimize impact on the natural and socio-

Appendix A: TRCA Comments and Proponent Responses

ITEM	TRCA COMMENTS (February 5, 2021)	PROPONENT RESPONSE
		economic environment, tunneling shafts and construction compounds will be required along the routing, resulting in traffic disruption along a significant thoroughfare through the Region. As a result of these technical constraints and limitations, the Kennedy Road alignment does not provide a complete solution to the Problem Statement when compared to the recommended preferred solution of a Deep Trunk sewer installed along the alignment of the existing sewers.
2	It is TRCA policy that infrastructure avoid locating within the Natural System and that linear infrastructure cross perpendicular to the Natural System at the narrowest point (Section 7.4.4.1 of TRCA Living City Policies). Staff have concerns with potential repairs within this valley system as a result of exposure due to channel migration, erosion and scouring, some of which may result in significant impacts to valley slopes through the construction of access roads. As the impacts of flooding, erosion, climate change, etc., continue to increase, new infrastructure proposed directly parallel to watercourses has potential to become at risk, require further emergency repairs and continue to cause further impacts on the natural features and hazards within valley systems. Should the Deep Trunk alignment move forward as the preferred alignment, staff request further details that demonstrate the Region's best efforts to avoid TRCA's regulated area including further consideration of adjustments to the Deep Trunk alignment.	The Region acknowledges TRCA policies regarding the location of infrastructure within the Natural system. Through Phase 3 of the Class Environmental Assessment, the preferred alternative will be developed further through the evaluation of alternative construction methodologies, to minimize impacts on the valley system. Furthermore, Phase 3 will also evaluate options for construction staging and shaft compounds, access for construction and long-term operation and maintenance of the sewers, with the goal to minimize impacts on the natural and socio-economic environments.

Appendix A: TRCA Comments and Proponent Responses

ITEM	TRCA COMMENTS (February 5, 2021)	PROPONENT RESPONSE
3	Staff request the following be confirmed or that further clarification be provided through the EA process. a) Please confirm all sewer infrastructure will be placed on the east side of the existing pipe within the existing easement (opposite side of the watercourse) at the connection point near Dixie and Derry Road. b) Please provide further details for shaft location at Kennedy Road. Staff are concerns about impacts to TRCA regulated area (flooding, erosion etc.) c) Please provide further conceptual information related to construction staging, fill placement etc. or commitment to avoid impacts to flooding and erosion risk. d) Please provide further information regarding anticipated impacts from groundwater management required for open-trench excavation and tunnel and shaft construction such as lowering the water table and reducing groundwater flow into natural features. As the study progresses staff will confirm the need for an EMP.	For the south section of the proposed alignment, it is anticipated that the new sewer will be located to the east of the existing sewers, as noted, to facilitate connection to the existing sewers and the proposed EWD STS at Derry Road and reduce impact on the creek valley. The identification and assessment of potential impacts of construction and long term operation of the sewer to be undertaken though Phase 3 of the Class EA will be undertaken similar to the assessment in Phase 2. This will include assessment of impacts on the natural environment, including the regulated areas, and hydrogeological impacts mentioned as well as technical considerations and the impact on the community. As with Phase 2, the results of the evaluation will be shared with TRCA at the conclusion of Phase 3.
4	It is the opinion of TRCA ecology staff that the natural system identified and assessed within the Natural Science Report by LGL Ltd. constitutes a significant contribution to the natural system in the Etobicoke Creek watershed. Any form of infrastructure proposed within the valley has numerous immediate impacts to the natural system as well as unidentified long-term repercussions. It is important to properly consider the protection of the ecological integrity of Core Areas of Peel's	The assessment of impacts in Phase 3 of the Class EA will consider the Natural Environment as well as Social environment and Technical Considerations based on feasible construction methodologies for the preferred alignment. The evaluation of impacts on the Natural Environment will be based on the completion of a Natural Sciences Report (NSR) by LGL that will document the natural heritage and more thoroughly assess the impact of the preferred solution, based on the proposed construction methodology. The report will identify appropriate mitigation recommendations to avoid or minimize the potential for impacts, both short and long-term that can be included with the assessment of impacts. The NSR will also

Appendix A: TRCA Comments and Proponent Responses

ITEM	TRCA COMMENTS (February 5, 2021)	PROPONENT RESPONSE
	Greenland System. The above has not been fully assessed within the proposed alternative options evaluation criteria and should play a significant role in the selection of a preferred option. Please provide a comprehensive assessment of all options (may be focused on preferred and Kennedy Road alignments) including access and its associated impact to the natural system, impacts to connectivity within the valley land associated with permanent infrastructure, and future maintenance requirements. While initial cost for preferred options to go through the valley system may be favorably low, long-term impacts, both ecologically and economically, may prove to be significantly greater.	identify the natural heritage related permits and/or approvals likely to be triggered by the implementation of the preferred design solution to identify additional studies to be undertaken during the detailed design phase, once final construction requirements are known. It is anticipated that this will include the development of Flood Plain Impact Assessment and geomorphological assessments.

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Wednesday, February 24, 2021 11:52 AM
To: Suzanne Bevan
Cc: Jones, Lee Anne/TOR; Newton, Dorin/TOR; Adam Miller; Victoria Kramkowski
Subject: [EXTERNAL] Response TRCA Etobicoke Creek Trunk Sewer EA
Attachments: 20210224_Region_ReseponsetoTRCA w Appendix FINAL.pdf

Hi Suzanne
Thank for the letter and comments. We have prepared a response, see attached. Please message me or call me if you wish to discuss it further.
TRCA is an important stakeholder and we want to make sure that we keep the channels of communication open throughout the entire process so that we are all comfortable with the outcome of this project.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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Sent: February 5, 2021 4:21 PM
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Cc: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Adam Miller <Adam.Miller@trca.ca>; Victoria Kramkowski <Victoria.Kramkowski@trca.ca>
Subject:

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Happy Friday All.

Please see attached letter.

My apologies for the delay in providing a response. I appreciate the additional time to brief staff due to the nature and location of the preferred alignment.

Please do not hesitate to contact me directly should you have any questions. Staff are available to meet to discuss further.

Thank you,
Suzanne

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |



Newton, Dorin/TOR

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Wednesday, March 3, 2021 8:00 PM
To: Ponce Vanelli, Italia
Cc: Jones, Lee Anne/TOR; Newton, Dorin/TOR; Adam Miller; Victoria Kramkowski
Subject: [EXTERNAL] RE: Response TRCA Etobicoke Creek Trunk Sewer EA

Hi Italia,

I appreciate the effort that went in to the response to our comments and our earlier discussion.

I look forward to working with the team.

Thank you,
Suzanne

Suzanne Bevan
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

T: (416) 661-6600 ext. 5759
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Toronto and Region Conservation Authority

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Sent: February 24, 2021 11:52 AM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
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Subject: Response TRCA Etobicoke Creek Trunk Sewer EA

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Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division

Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
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Cell: 647-248-3785

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Sent: February 5, 2021 4:21 PM
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Cc: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Adam Miller <Adam.Miller@trca.ca>; Victoria Kramkowski <Victoria.Kramkowski@trca.ca>
Subject:

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Happy Friday All.

Please see attached letter.

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Please do not hesitate to contact me directly should you have any questions. Staff are available to meet to discuss further.

Thank you,
Suzanne

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

Toronto and Region Conservation Authority

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Tuesday, May 31, 2022 2:24 AM
To: suzanne.bevan@trca.ca
Cc: Newton, Dorin/TOR
Subject: [EXTERNAL] FW: TRCA PACKAGE to review.
Attachments: 20210224_Region_ReseponsetoTRCAwAppendixFINAL.pdf; Etobicoke Creek EA_PIC 2 boards 20220518.pdf; 20220503_TRCA_PIC2Meeting_Summary_Final_IP.pdf

Hi Suzanne

Thank you for attending the meeting on May 3 and providing us with comments on the material presented. As promised, below is the link to several of the documents for TRCA to review for the Etobicoke Creek Trunk Sewer EA:

-Natural environmental Report
-archeological Reports
-detailed evaluation for design concepts
-detailed evaluation for Biscayne connection

Please note that the natural environment and archaeological assessment reports are being revised based on the refinements of the alignment and shaft locations. Also the geotechnical report completed by WSP is also being finalized (draft was submitted to us) so we will be provide the final report along with revised reports as soon as they become available. Although these reports are being revised, the comments do not change the outcome of our decision for the preferred construction methodology for Segment 3.

I have also included the PIC 2 boards for review as well as the Region's response to your previous comments (phase 2) for reference. The minutes of our meeting have also been attached.

Studies

Evaluation

Lastly, I am on vacation this week however I have copied Dorin Newton in this email in the event you require additional information or in case the link to the reports do not work.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

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From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
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Cc: Newton, Dorin/TOR
Subject: [EXTERNAL] RE: TRCA PACKAGE to review.

Sorry Suzanne, I forgot to mention about when we wants comments back. We are hoping to provide you with a copy of the revisd reports ASAP however if you could provide us comments on the material submitted by June 27 that will be great.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
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To: Suzanne.Bevan@trca.ca
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
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Newton, Dorin/TOR

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Tuesday, July 5, 2022 3:41 PM
To: Ponce Vanelli, Italia
Cc: Newton, Dorin/TOR
Subject: [EXTERNAL] TRCA Response to Submission 3, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Environmental Assessment
Attachments: CFN 61367 - Response to Submission 3 Etobicoke Creek Trunk Sewer Improvements and Upgrade.pdf; CFN 61367 - Table Only Response to Submission 3 Etobicoke Creek Trunk Sewer Improvements and Upgrade.docx

Hi Italia,

Please find TRCA correspondence attached.

I am sorry we couldn't provide comments by June 27. Should you have any questions please do not hesitate to contact me.

Staff look forward to reviewing the draft ESR.

Hope you are enjoying the summer weather!

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

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C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca

Toronto and Region Conservation Authority

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: May 31, 2022 2:27 AM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
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Project Manager
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Thanks,

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Infrastructure Planning- Water & Wastewater Division
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July 5, 2022 CFN 61367

BY E-MAIL ONLY (italia.ponce@peelregion.ca)

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9

Dear Ms. Ponce:

Re: Etobicoke Creek Trunk Sewer Improvements and Upgrades (south of Steeles Road, east of Kennedy, north of Derry Road, west of Dixie)
Class Environmental Assessment – Schedule C
Submission 3
Etobicoke Creek Watershed; City of Brampton; Regional Municipality of Peel

Toronto and Region Conservation Authority (TRCA) staff received the following documents for review in support of the Etobicoke Creek Trunk Sewer Improvements and Upgrades Environmental Assessment on June 3, 2022.

- Biscayne Connection Options Evaluation
- Geotech Report (Draft) dated March 16, 2022 and Geotech Table (comments by others only)
- Design Concept Evaluation, May 24, 2022
- Natural Sciences Report May 2021 (update to 2020 Report in Submission 2)

PROJECT OVERVIEW

Staff understand that this Environmental Assessment (EA) involves development of alternative solutions for addressing future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer from Kennedy Road to south of Highway 407 in the City of Brampton. The study area is generally bounded by Kennedy Road to the west, Dixie Road to the east, Steeles Avenue to the north, and Derry Road to the south. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent.

PREFERRED ALTERNATIVE

Staff understands that the Region's preferred alignment is the Deep Trunk alignment from Kennedy Road (south of Steeles Avenue) east to the intersection of Dixie and Derry Roads, 3678 m in length (approximately 600m of pipe installed along banks of Etobicoke Creek) with a varying depth from approximately 25 m to 2 m by both tunneling and open cut construction methodologies. Through consultation with the Region and in correspondence dated February 2, 2021, staff noted the ongoing concern with aging infrastructure within

valley systems including deteriorating pipes, undersized conveyance capacity, and continuous erosion scouring are typical issues that require ongoing maintenance and continuous disturbance to the natural system. Staff further highlighted that it is TRCA's policy that infrastructure generally not be permitted within natural systems, and it was recommended that the new alignment recognize these issues and make attempts to prevent similar issues arising in the future. Staff identified an alignment along Kennedy Road as their preferred but acknowledged that the Kennedy Road alignment has technical challenges that do not address the Region's servicing requirements. Staff requested the Region investigate adjustments to the preferred alignment that would reduce potential impacts to TRCA's areas of interest and further information related to short-term and long-term construction and long-term operations and maintenance (including access and associated sewer infrastructure) impacts within and to regulated areas.

Staff appreciate the consultation of the project team through the EA process and the efforts made to provide adjustments to the preferred alignment. Further to the submission of the most recent materials and updated reports, staff provide comments in Appendix A.

Please include a digital copy of all submitted material. Materials must be submitted in PDF format, with drawings pre-scaled to print on 11"x17" pages. Materials may be submitted via e-mail (if less than 25 MB), or through file transfer protocol (FTP) sites (if posted for a minimum of two weeks).

Staff look forward to working with project team to address these concerns. Should you have any questions, please contact me at extension 5759 or at suzanne.bevan@trca.ca.

Yours truly,

Suzanne Bevan

Suzanne Bevan
Senior Planner, Infrastructure Planning and Permits
Development and Engineering Services

Attached: Appendix A: TRCA Comments and Proponent Responses

BY E-MAIL

cc: Consultant: Dorin Newton (dorin.newton@jacobs.com)
TRCA: Adam Miller, Associate Director, Development Planning and Permits
Victoria Kramkowski, Government and Community Relations Specialist

APPENDIX A - Comment and Response Table

Item	TRCA Comments (February 5, 2021)	Proponent Comments (February 24, 2021)	TRCA Comments (July 5, 2022)
1.	Please confirm if the Kennedy alignment does or does not address the problem statement. Staff request further details identifying the technical constraints and limitations of alignment along Kennedy Road be provided. This will be required to support further the next phases of EA review and to support any future reports in support of permit approval through TRCA's Executive Committee.	The Kennedy Road alignment evaluated in Phase 2 runs from the existing sewers south to connect to the Region's new East to West Diversion Sanitary Trunk Sewer (EWD STS), currently in construction. As noted in the detailed evaluation table that was provided to TRCA on December 16, 2020, this alignment did not completely address the Problem Statement due to the following key technical constraints and limitations: • The new trunk sewer has been sized to accommodate planned and projected flows in the connecting drainage area and address current flow limitations in the existing sewers. Hydraulic modelling indicates that due to the shallow slope in the existing sewers downstream of the current Biscayne connection, the majority of new flow to be collected in the drainage areas serviced by the Etobicoke Creek Trunk Sewer system would need to be routed through the new sewer to prevent surcharging downstream of the Biscayne connection. As a result, a flow of almost 4 m^3/s would be discharged to the East to West Diversion Sanitary Trunk Sewer (EWD STS) and routed into the	**Noted**

		Region's West Trunk System. The purpose of the Diversion Sewer is to build flexibility into the Region's sewer collection system so that flows can be diverted from the East Trunk System to the West Trunk System. This will allow for operation and maintenance of the various components of the sewer system without impacting service to the Region's customers. Connecting the Kennedy Road alignment to the Diversion Sewer would permanently consume almost half of the Diversion Sewer capacity, significantly reducing the Region's ability to divert flows from elsewhere in the system. • The existing Etobicoke Creek Trunk Sewers currently accept flow from a number of sub-trunks, including Biscayne (as noted above), Westcreek, West to East Diversion and local sewer connections. It is not technically feasible to extend these connections, in all cases, to the Kennedy Road alignment, thereby further decreasing operational flexibility of the solution for flow balancing between the three sewers. • It is also noted that while the Kennedy Road Alternative has been identified for trenchless construction to minimize impact on the natural and socio-economic environment, tunneling shafts and construction compounds will be required along the routing, resulting in traffic disruption along a significant thoroughfare through the Region.	

		• As a result of these technical constraints and limitations, the Kennedy Road alignment does not provide a complete solution to the Problem Statement when compared to the recommended preferred solution of a Deep Trunk sewer installed along the alignment of the existing sewers.	
2.	It is TRCA policy that infrastructure avoid locating within the Natural System and that linear infrastructure cross perpendicular to the Natural System at the narrowest point (Section 7.4.4.1 of TRCA Living City Policies). Staff have concerns with potential repairs within this valley system as a result of exposure due to channel migration, erosion and scouring, some of which may result in significant impacts to valley slopes through the construction of access roads. As the impacts of flooding, erosion, climate change, etc., continue to increase, new infrastructure proposed directly parallel to watercourses has potential to become at risk, require further emergency repairs and continue to cause further impacts on the natural features and hazards within valley systems. Should the Deep Trunk alignment move forward as the preferred alignment,	The Region acknowledges TRCA policies regarding the location of infrastructure within the Natural system. Through Phase 3 of the Class Environmental Assessment, the preferred alternative will be developed further through the evaluation of alternative construction methodologies, to minimize impacts on the valley system. Furthermore, Phase 3 will also evaluate options for construction staging and shaft compounds, access for construction and long-term operation and maintenance of the sewers, with the goal to minimize impacts on the natural and socio-economic environments.	The potential impact on the floodplain/natural environment due to grading of the access road/staging area along with dewatering and mitigation measures should be fully discussed within the ESR. **Staff look forward to the review the draft ESR.** Please note in the following in the draft ESR. An Environmental Impact Assessment will be required once shaft locations, grading, access, and staging and storage areas are finalized and the full impact to the NHS is identified. An arborist Report will be required to categorize all tress within the study area and identify those required for removal and/or impacts. This information is to be used to calculate restoration and compensation requirements.

	staff request further details that demonstrate the Region's best efforts to avoid TRCA's regulated area including further consideration of adjustments to the Deep Trunk alignment.		
3.	Staff request the following be confirmed or that further clarification be provided through the EA process. a) Please confirm all sewer infrastructure will be placed on the east side of the existing pipe within the existing easement (opposite side of the watercourse) at the connection point near Dixie and Derry Road. b) Please provide further details for shaft location at Kennedy Road. Staff are concerns about impacts to TRCA regulated area (flooding, erosion etc.) c) Please provide further conceptual information related to construction staging, fill placement etc. or commitment to avoid impacts to flooding and erosion risk. d) Please provide further information regarding anticipated impacts from groundwater management required for open-trench excavation and tunnel and shaft construction such as lowering the water table and reducing groundwater flow into	For the south section of the proposed alignment, it is anticipated that the new sewer will be located to the east of the existing sewers, as noted, to facilitate connection to the existing sewers and the proposed EWD STS at Derry Road and reduce impact on the creek valley. The identification and assessment of potential impacts of construction and long-term operation of the sewer to be undertaken though Phase 3 of the Class EA will be undertaken similar to the assessment in Phase 2. This will include assessment of impacts on the natural environment, including the regulated areas, and hydrogeological impacts mentioned as well as technical considerations and the impact on the community. As with Phase 2, the results of the evaluation will be shared with TRCA at the conclusion of Phase 3.	a) Addressed b) To be addressed c) To be addressed - The potential impact on the floodplain/natural environment due to grading of the access road/staging area along with dewatering and mitigation measures should be fully discussed within the ESR. Staff look forward to reviewing the draft ESR. d) To be addressed - Hydrogeology related concerns can be addressed at the detailed design when hydrogeology investigations have been completed.

	natural features. As the study progresses staff will confirm the need for an EMP.		
4.	It is the opinion of TRCA ecology staff that the natural system identified and assessed within the Natural Science Report by LGL Ltd. constitutes a significant contribution to the natural system in the Etobicoke Creek watershed. Any form of infrastructure proposed within the valley has numerous immediate impacts to the natural system as well as unidentified long-term repercussions. It is important to properly consider the protection of the ecological integrity of Core Areas of Peel's Greenland System. The above has not been fully assessed within the proposed alternative options evaluation criteria and should play a significant role in the selection of a preferred option. Please provide a comprehensive assessment of all options (may be focused on preferred and Kennedy Road alignments) including access and its associated impact to the natural system, impacts to connectivity within the valley land associated with permanent infrastructure, and future maintenance requirements. While initial cost for preferred options to go through the valley system may be favorably low, long-term impacts, both ecologically and economically, may prove to be	The assessment of impacts in Phase 3 of the Class EA will consider the Natural Environment as well as social environment and Technical Considerations based on feasible construction methodologies for the preferred alignment. The evaluation of impacts on the Natural Environment will be based on the completion of a Natural Sciences Report (NSR) by LGL that will document the natural heritage and more thoroughly assess the impact of the preferred solution, based on the proposed construction methodology. The report will identify appropriate mitigation recommendations to avoid or minimize the potential for impacts, both short and long-term that can be included with the assessment of impacts. The NSR will also identify the natural heritage related permits and/or approvals likely to be triggered by the implementation of the preferred design solution to identify additional studies to be undertaken during the detailed design phase, once final construction requirements are known. It is anticipated that this will include the development of Flood Plain Impact Assessment and geomorphological assessments.	**Noted**

	significantly greater.		
Ecology Comments			
5.			TRCA recommends that the Environmental Assessment include the Significant Wildlife Habitat screening for the study area. Please provide in report.
6.			The EA identified a swamp community, SWD4-1, is to be impacted by an open cut shaft location and appears to eliminate the community altogether. As swamp communities are extremely difficult to restore, TRCA recommends that options be explored to relocate Shaft 1 to avoid such complications and possible compensation requirements.
7.			Open cut areas proposed after shaft 5, as noted in Section 5 of the EA, include a crossing of the Etobicoke Creek, another crossing of one of its tributaries, and through an extensive portion of the Natural Heritage System associated with the Etobicoke Creek Valley. TRCA recommends trenchless technologies be implemented to avoid, reduce, and mitigate damage to the NHS.
Geotechnical			
			At this time, staff understand that the geotechnical design for the shafts and trenchless installation is preliminary, which will need to be developed during the deign in-progress. Please find below the high-level geotechnical requirements for the detailed design stage:

			1. The trenchless installation will need to be designed using the available geotechnical information and recommendations in the geotechnical report. All pertinent design recommendations, monitoring of the surrounding areas (during construction and post-construction, where needed), and mitigative measures against hazards will need to be developed and presented in the design submission materials. 2. The shafts to stabilize the excavation will need to be designed and all engineering drawings will need to be provided as a design by qualified engineer. 3. The stabilization measures for the open-cut excavation will need to be provided to ensure that the surrounding areas will not be adversely impacted. All engineering details and specifications will nee dot be provided. 4. All disturbed areas including those because of the temporary excavations will need to be appropriately reconstructed/engineered to ensure that they remain long-term stable after the construction. All details and specifications will need to be provided

			accordingly. 5. All construction means and methods will need tom be further developed and shown on the drawings including the construction access, staging, strigae and stockpiling areas. Where, those area close to the slopes/banks, they will need a review by geotechnical engineer to ensure that there is no risk of destabilizing the slopes/banks. 6. For the construction access, if there is no to alter the surround areas and slopes during construction, those alterations will need to be shown on the drawings. Additionally, the appropriate stabilization measures will need to be provided. Finally, the restoration and reconstruction of the altered areas will be needed to be provided to ensure the stability of the reconstructed areas in the long-term. 7. All engineering drawings will need to be developed showing all necessary details, dimensions, and specifications. The geotechnical review will be continued at the detailed design, once more design materials are available.



Region of Peel
working with you

Study Area

Legend

Study Area

JACOBS

Date Saved: 4/15/2019

From:	Jones, Lee Anne/TOR
To:	colleen.bain@trca.on.ca
Cc:	Borowiec, Laura; Newton, Dorin/TOR
Subject:	Region of Peel Request for Preconsultation
Date:	Thursday, April 25, 2019 7:53:42 AM
Attachments:	20190425_TRCA_PreconsultationLetter_ColleenBain.pdf

Good morning
Please find attached the Region's request for preconsultation regarding their Class EA for Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please advise of your availability to meet to discuss TRCA's interests in this project.

Please call should you have any questions or require additional information.

Lee Anne Jones, P. Eng. | Jacobs | Senior Project Manager - Buildings, Infrastructure & Advanced Facilities|
416.499.0090 X 73616 | 416.561.1396 cell | LeeAnne.Jones@jacobs.com | www.jacobs.com

Region of Peel
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Public Works

10 Peel Centre Dr.
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tel: 905-791-7800

peelregion.ca

April 25, 2019

Colleen Bain
Planner
Toronto and Region Conservation Authority
101 Exchange Avenue
Vaughan, ON L4K 5R6

Dear Ms. Bain,

RE: Class EA Study for the Etobicoke Creek Trunk Sewer Improvements and Upgrades

The Region of Peel is undertaking a Municipal Class Environmental Assessment (EA) Study to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton.

The study area for this Class EA is shown in the enclosed map. However, the trunk sewers service a large catchment area extending to north of Mayfield Road, which is projected to grow by approximately 40% as per the Region's planning projections. Operational issues have arisen in the existing trunk sewers that result in capacity restrictions and are further exacerbated by the challenges of maintaining the infrastructure due to its location in the Etobicoke Creek valley, and proximity to Highways 410 and 407.

The Region has therefore initiated this study to ensure reliable sanitary service is provided to existing and future growth within the catchment area. The study will follow a Schedule C Class EA process, including notification and consultation with the public and agency stakeholders and publication of an Environmental Study Report.

As a stakeholder with key interests in this area, the Region wishes to engage with your organization at the outset of the project to understand any critical issues that should be considered in the identification and evaluation of alternative solutions. We would like the opportunity to meet with you and your staff to discuss this project in more detail and request to confirm your availability to meet before the end of May 2019.

Please contact the undersigned to confirm details for this pre-consultation meeting. We look forward to hearing from you and working together throughout this study.

Your very truly,

Laura Borowiec, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 7681
laura.borowiec@peelregion.ca

Lee Anne Jones, P. Eng.
Project Manager
Jacobs
(416) 499-9000 Ext. 73616
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Region of Peel
working with you

Public Works

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peelregion.ca

April 25, 2019

Colleen Bain
Planner
Toronto and Region Conservation Authority
101 Exchange Avenue
Vaughan, ON L4K 5R6

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Region of Peel
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laura.borowiec@peelregion.ca

Lee Anne Jones, P. Eng.
Project Manager
Jacobs
(416) 499-9000 Ext. 73616
LeeAnne.Jones@jacobs.com

From:	Borowiec, Laura
To:	Zack Carlan; Newton, Dorin/TOR
Cc:	Jones, Lee Anne/TOR; Sharon Lingertat
Subject:	[EXTERNAL] RE: TRCA Response to Region of Peel - Pre-Consultation Meeting Minutes for Etobicoke Creek Trunk Sewer Improvements and Upgrades
Date:	Wednesday, August 14, 2019 1:55:39 PM
Attachments:	image006.png image007.png image008.png image009.png image010.png image011.png image012.png

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Hi Zach,

Thank you for your response and follow up information - we received both emails.

We will document and consider the ongoing works within the project area as we move forward with the Class EA study. Jacobs will follow up with the amended minutes and any required mapping or data request.

Should you have any other questions regarding this project in the meantime, please do not hesitate to contact me or Lee Anne.

Regards,

Laura Borowiec, P.Eng.
Project Manager
Infrastructure Planning & Studies, Growth, Groundwater & Source Water Protection
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681

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From: Zack Carlan <Zack.Carlan@trca.ca>
Sent: August 14, 2019 11:02 AM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Cc: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Sharon Lingertat <Sharon.Lingertat@trca.ca>
Subject: TRCA Response to Region of Peel - Pre-Consultation Meeting Minutes for Etobicoke Creek

Trunk Sewer Improvements and Upgrades

Hi Laura and Dorin,

Thank you for providing the minutes from this meeting. In addition TRCA staff received a Notice of Commencement for the proposed project on July 4, 2019. Please see below for TRCA post-meeting notes and attached completed/ongoing restoration projects within this area. Thank you.

TRCA Post Meeting Notes

- Please advise on any required mapping or data for the proposed project that the Region requires and TRCA can provide this information if available.
- Please note that TRCA restoration staff have a number of completed and ongoing works within this project area including previously completed Kennedy Valley wetlands, plantings and trail works (that could be impacted), Kings Park Wetland and stream project, City of Brampton plantings within the Sam Rayson Valley, Erosion and Mitigation work and plantings at Peel Village Golf Course, etc. Please see attached map for a majority of these works. It is TRCA's staff preference that these works and project sites be avoided by the proposed alignment. Any potential impacts to these areas will need to be discussed with TRCA during the EA process. Please include this item in the minutes

Thank you,

Zack Carlan
Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5310
E: zack.carlan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca

From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Friday, June 14, 2019 12:34 PM
To: Sharon Lingertat <Sharon.Lingertat@trca.ca>
Cc: Borowiec, Laura <laura.borowiec@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: RE: Region of Peel Request for Preconsultation

Good afternoon Sharon,

Please find attached the material from our Pre-Consultation meeting on May 24th, 2019. It includes the meeting agenda, minutes and the presentation.

Please note that the alignments shown in the presentation were identified in the Feasibility Study that was completed by the Region in February 2018. Those along with other viable alternatives will be considered as part of the EA process.

Thank you,

Dorin Newton, M.Eng., EIT | **Jacobs** | Civil Design Specialist, BIAF | **T** 416.499.0090 x.73713 | **C** 519.575.5585 |
Dorin.Newton@jacobs.com | www.jacobs.com

From: Sharon Lingertat <Sharon.Lingertat@trca.ca>
Sent: Friday, June 14, 2019 9:28 AM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: [EXTERNAL] RE: Region of Peel Request for Preconsultation

Good morning,

I'm just following up based on our discussions regarding a map showing possible alignment alternatives. I understand that they may not be the official alignments, however, I was hoping to circulate a map to our restoration staff to ensure they hold off on any further work along any potential alignments.

Please let me know if any additional mapping can be provided.

Thanks,

Sharon Lingertat, B.Sc. (Hons), MCIP, RPP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5717
C: (647) 244-7112
E: sharon.lingertat@trca.ca
A: 101 Exchange Avenue, Vaughan, ON L4K 5R6 | trca.ca

Toronto and Region Conservation Authority

From: Borowiec, Laura <laura.borowiec@peelregion.ca>
Sent: Monday, May 13, 2019 10:55 AM
To: Sharon Lingertat <Sharon.Lingertat@trca.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Region of Peel Request for Preconsultation

Hi Sharon,

Thank you for the confirmation.

We will look forward to meeting with you on the 24th.

Regards,

Laura Borowiec, P.Eng.
Project Manager
Infrastructure Planning & Studies, Growth, Groundwater & Source Water Protection
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681

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From: Sharon Lingertat <Sharon.Lingertat@trca.ca>
Sent: May 13, 2019 10:53 AM
To: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Cc: Borowiec, Laura <laura.borowiec@peelregion.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Region of Peel Request for Preconsultation

Hi,

I've booked the Don room at our office for May 24 at 1pm.

Jason Solnik (ecology), Jairo Morelli (engineering) and Zack Carlan (planning) will also be attending.

Thanks

Sharon Lingertat, B.Sc. (Hons), MCIP, RPP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5717
C: (647) 244-7112
E: sharon.lingertat@trca.ca

A: 101 Exchange Avenue, Vaughan, ON L4K 5R6 | trca.ca

From: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Sent: Monday, May 13, 2019 10:12 AM
To: Sharon Lingertat <Sharon.Lingertat@trca.ca>
Cc: Borowiec, Laura <laura.borowiec@peelregion.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Region of Peel Request for Preconsultation

Hi Sharon
My apologies for the delay – if you could arrange for a room at your office, we'll join you there at 1:00 pm?

If you could also advise who from TRCA are joining us so we can add them to the agenda.

Thank you
Lee Anne

From: Sharon Lingertat <Sharon.Lingertat@trca.ca>
Sent: Thursday, May 02, 2019 10:36 AM
To: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Cc: Borowiec, Laura <laura.borowiec@peelregion.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: [EXTERNAL] RE: Region of Peel Request for Preconsultation

Hi Lee Anne,

I received your voice message regarding the meeting on May 24.

Does 1 pm or 1:30 pm work for you? I can also reserve a room at our office if that works for you?

Thanks,

Sharon Lingertat, B.Sc. (Hons), MCIP, RPP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5717
C: (647) 244-7112
E: slingertat@trca.on.ca
A: 101 Exchange Avenue, Vaughan, ON L4K 5R6 | trca.ca

From: Sharon Lingertat
Sent: Wednesday, May 1, 2019 12:45 PM
To: 'LeeAnne.Jones@jacobs.com' <LeeAnne.Jones@jacobs.com>
Cc: 'laura.borowiec@peelregion.ca' <laura.borowiec@peelregion.ca>; 'Dorin.Newton@jacobs.com' <Dorin.Newton@jacobs.com>
Subject: RE: Region of Peel Request for Preconsultation

Hi Lee Ann,

Ecology is unable to make the 23rd. Our available dates are now
May 22 – afternoon
May 24 – afternoon

Thanks

Sharon Lingertat
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5717
C: (647) 244-7112
E: slingertat@trca.on.ca
A: 101 Exchange Avenue, Vaughan, ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | trca.ca

From: Sharon Lingertat
Sent: Wednesday, May 1, 2019 12:31 PM
To: 'LeeAnne.Jones@jacobs.com' <LeeAnne.Jones@jacobs.com>
Cc: 'laura.borowiec@peelregion.ca' <laura.borowiec@peelregion.ca>; 'Dorin.Newton@jacobs.com' <Dorin.Newton@jacobs.com>
Subject: RE: Region of Peel Request for Preconsultation

Hi Lee Ann,

Thanks for contacting us. We (engineering, ecology and I) are available as follows to meet. Please

let me know if any of these dates/times work for you and your team.

May 22 – afternoon
May 23 – morning
May 24 - afternoon

Regards,

Sharon Lingertat
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5717
C: (647) 244-7112
E: slingertat@trca.on.ca
A: 101 Exchange Avenue, Vaughan, ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | trca.ca

From: Colleen Bain <Colleen.Bain@trca.on.ca>
Sent: Thursday, April 25, 2019 8:38 AM
To: Sharon Lingertat <sharon.lingertat@trca.on.ca>
Subject: FW: Region of Peel Request for Preconsultation

Hi Sharon,

Please see the below email that I received this morning.

Best regards,
-Colleen

Colleen Bain
Planner I
Development Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5657
E: colleen.bain@trca.on.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6

Toronto and Region Conservation Authority (TRCA) | trca.ca

From: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Sent: Thursday, April 25, 2019 7:54 AM
To: Colleen Bain <Colleen.Bain@trca.on.ca>
Cc: Borowiec, Laura <laura.borowiec@peelregion.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: Region of Peel Request for Preconsultation

Good morning
Please find attached the Region's request for preconsultation regarding their Class EA for Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please advise of your availability to meet to discuss TRCA's interests in this project.

Please call should you have any questions or require additional information.

Lee Anne Jones, P. Eng. | Jacobs | Senior Project Manager - Buildings, Infrastructure & Advanced Facilities| 416.499.0090 X 73616 | 416.561.1396 cell | LeeAnne.Jones@jacobs.com | www.jacobs.com

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Jacobs' Energy, Chemicals and Resources business is now part of Worley

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From:	Zack Carlan
To:	Borowiec, Laura
Cc:	Jones, Lee Anne/TOR; Newton, Dorin/TOR; Sharon Lingertat; Victoria Kramkowski; Andrew Ramesbottom; Jennifer Stephens
Subject:	[EXTERNAL] CFN 61367 - Etobicoke Creek Trunk Sewer Improvements and Upgrades - TRCA Response to Notice of Commencement - August 14, 2019
Date:	Wednesday, August 14, 2019 11:01:24 AM
Attachments:	image002.png KennedyValley_RPProjects_vsEtTrunkSewerAlignments.pdf CFN 61367 - Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule C Class Environmental Assessment - TRCA Response to Notice of Commencement.pdf

Hello Laura,

Please see attached for TRCA's response to the Notice of Commencement for the above noted project. A separate response detailing edits to meeting minutes will follow.

Note that the response to the Notice of Commencement for the Central Mississauga wastewater capacity improvements will be coming shortly. We are just waiting for one final response from staff regarding existing trail work in the area.

Thank you,

Zack Carlan
Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5310
E: zack.carlan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca

Toronto and Region Conservation Authority

August 14, 2019

CFN 61367

BY E-MAIL ONLY (laura.borowiec@peelregion.ca)

Laura Borowiec
Project Manager
10 Peel Centre Drive, 4th Floor , Suite A
Brampton, ON
L6T 4B9

Dear Ms. Borowiec,

Re: Response to Notice of Commencement
Etobicoke Creek Trunk Sewer Improvements and Upgrades (south of Steeles Road, east of Kennedy, north of Derry Road, west of Dixie)
Class Environmental Assessment – Schedule C
Etobicoke Creek Watershed; City of Brampton; Regional Municipality of Peel

Toronto and Region Conservation Authority (TRCA) staff received the Notice of Commencement for the above noted Environmental Assessment (EA) on July 4, 2019. As a recognized commenting agency under the Ontario Environmental Assessment Act, TRCA has interests in this project.

PROJECT OVERVIEW

It is our understanding that this undertaking involves development of alternative solutions for addressing future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer from Kennedy Road to south of Highway 407 in the City of Brampton. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent.

Staff met on May 24, 2019 in regards to the proposed project and received the meeting minutes following this meeting on June 14, 2019. Staff will provide a separate email response detailing TRCA's comments and revisions to the minutes.

In addition, it should be noted that TRCA restoration staff have a number of completed and ongoing works within this project area including previously completed Kennedy Valley wetlands, plantings and trail works (that could be impacted), Kings Park Wetland and stream project, City of Brampton plantings within the Sam Rayson Valley, erosion and mitigation work and plantings at Peel Village Golf Course, etc. It is TRCA's staff preference that these works and project sites be avoided by the proposed alignment. Any potential impacts to these areas will need to be discussed with TRCA during the EA process. Please see attached map for a majority of these works.

TRCA COMMENTING ROLES

As detailed in TRCA's 2014 **The Living City Policies** (LCP), TRCA has a number of commenting roles relative to its review of this environmental assessment, including:

1. Regulatory Authority
2. Delegated Provincial Interests
3. Public Commenting Body
4. Resources Management Agency
5. Service Provider

6. Land Owner

These are further detailed in **Appendix A: TRCA Commenting Roles**.

TRCA AREAS OF INTEREST

In relation to this application, TRCA staff has identified a number of areas of interest within the study area related to these various commenting roles, including:

1. TRCA Program and Policy Areas
    a. Natural System Programs and Policies
    b. Sustainability Programs and Policies
2. Provincial Program Areas
3. Federal Program Areas

Further details are provided in **Appendix B: TRCA Areas of Interest**

In relation to these areas of interest, please be advised that TRCA has select digital data available through an open data platform on the TRCA website that should be used to supplement the existing conditions analysis in the development of the environmental assessment. Upon request, TRCA can provide additional data for areas of interest not available on the web. Please contact the undersigned as needed.

ASSESSMENT OF ALTERNATIVES

In developing, evaluating and selecting alternatives, staff require the LCP policies be considered. TRCA staff recommends the preferred alternative meets the policies of Section 7. In particular, impacts to and opportunities for the following should be addressed:

1. Flooding, erosion or slope instability
2. Existing landforms, features and functions
3. Aquatic and terrestrial habitat and functions, including connectivity
4. TRCA property and heritage resources
5. Environmental best management practices that support climate change mitigation and adaptation
6. Community and public realm benefits

TRCA requires that the preferred alternative considers avoiding, minimizing, mitigating, and compensating impacts to the ecosystem, and avoid, mitigate or remediate hazards, in that order. In order to fulfil requirements of Ontario Regulation 166/06 at the detailed design stage, staff also requires that the preferred alternative meets LCP policies in Section 8.

In order to ensure TRCA concerns are addressed early in the review process, it is recommended that the TRCA planner be contacted when key project milestones are reached, as detailed in **Appendix C: Recommended Contact Points.** Please contact the planner to discuss the appropriate time for a site visit, as needed; please ensure the TRCA planner is included in the technical advisory committee; and please add Victoria Kramkowski (Victoria.Kramkowski@trca.ca), Government and Community Relations Specialist to the project mailing list to receive any public information updates.

SUBMISSION REQUIREMENTS

As this project proceeds through the various stages of the environmental assessment process, please ensure the following is provided to TRCA for review and comment at the appropriate time:

Digital Submissions

1. All technical advisory committee meeting agendas, as well as draft and final meeting minutes
2. All TRCA technical meeting agendas, as well as draft and final meeting minutes

3. Draft public information boards, prior to public review
4. Notices of public meetings, including final display material and handouts
5. Draft Phase 1 and 2 Report, if applicable
6. Draft technical reports and associated materials, including a covering letter that outlines the project purpose and lists the reports enclosed for review
7. Draft evaluation criteria and matrices, including a summary that details how the criteria and weighting (if applicable) were established
8. Draft EA document, including a covering letter that outlines how previous TRCA comments have been addressed
9. Final EA document, including a covering letter that outlines how previous TRCA comments have been addressed
10. Ensure all materials are submitted in PDF format, with drawings pre-scaled to print on 11"x17" pages.
11. Materials submitted through e-mail must be less than 25 MB.
12. Materials submitted through a file transfer protocol (FTP) site must be posted a minimum of two weeks.

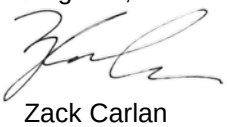
Paper Copies

1. One (1) copy of draft technical reports and associated materials, including a covering letter that outlines the project purpose and lists the reports enclosed for review
2. One (1) copy of draft evaluation criteria and matrices, including a summary that details how the criteria and weighting (if applicable) were established
3. Three (3) copies of the draft EA document, including a covering letter that outlines how previous TRCA comments have been addressed
4. One (1) hard copy of the Final EA document, including a covering letter that outlines how previous TRCA comments have been addressed

Please note, prior to submitting the technical reports and materials, as well as appendices related to the draft and final EA documents, it is recommended that the project manager be contacted so that review requirements can be scoped to the TRCA areas of interest.

Should you have any questions, please contact me at extension 5310 or at zack.carlan@trca.ca.

Regards,



Zack Carlan
Planner, Infrastructure Planning and Permits
Development and Engineering Services

/NJ

Attached: Appendix A: TRCA Commenting Roles
Appendix B: TRCA Areas of Interest
Appendix C: Recommended TRCA Contact Points

BY E-MAIL

cc: Consultant: Lee Anne Jones, (leeanne.jones@jacobs.com)
Dorin Newton (dorin.newton@jacobs.com)
TRCA: Andrew Ramesbottom, Senior Project Manager, Restoration Projects
Victoria Kramkowski, Government and Community Relations Specialist
Jennifer Stephens, Manager, Source Water Protection
Sharon Lingertat, Senior Planner, Infrastructure Planning and Permits

APPENDIX A: TRCA COMMENTING ROLES

TRCA COMMENTING ROLES	
Public Commenting Body	
Environmental Assessment Act	Pursuant to the federal and provincial **Environmental Assessment** (EA) **Acts**, conservation authorities are a commenting body. Conservation authorities are also responsible for comments made under environmental assessment (EA) exemption regulations, and the Ontario and National Energy boards. TRCA reviews and comments on environmental assessment that occur within TRCA's jurisdiction under these various forms of legislation.
Delegated Provincial Interests	
Hazard Lands	As outlined in the Conservation Ontario/ Ministry of Natural Resources and Forestry/ Ministry of Municipal Affairs and Housing Memorandum of Understanding on CA Delegated Responsibilities, CAs have been delegated the responsibility of representing the provincial interest on natural hazards encompassed by Section 3.1 of the PPS 2014.
Conservation Authorities Act	
Regulatory Authority	
Ontario Regulation 166/06, Development, Interference with Wetlands and Alterations to Shorelines and Watercourses	In accordance with Ontario Regulation 166/06 (Development, Interference with Wetlands and Alterations to Shorelines and Watercourses), a permit is required from the TRCA prior to any development (e.g. construction) if, in the opinion of TRCA, the control of flooding, erosion, dynamic beaches or pollution or the conservation of land may be affected. The Regulation Limit defines the greater of the natural hazards associated with Ontario Regulation 166/06 (listed below). NOTE: The Regulation Limit provides a geographical screening tool for determining if Ontario Regulation 166/06 will apply to a given proposal. Through site assessment or other investigation, it may be determined that areas outside of the defined Regulation Limit require permits under Ontario Regulation 166/06. In these instances, it is the text of the regulation that will prevail; modifications to the regulation line may be required. Any development within the Regulation Limit must comply with the applicable sections of The Living City Policies (2014).
Resources Management Agency	
TRCA Programs	In accordance with Section 20 and 21 of the **Conservation Authorities Act**, CAs are local watershed-based natural resource management agencies that develop programs that reflect local resource management needs within their jurisdiction. TRCA has developed programs and policies related to our role as a resource management agency that include, but are not limited to, watershed plans, fisheries management plans, land management plans, ecosystem restoration programs, and **The Living City Policy** (2014), which are approved by the TRCA Board. Please confirm that the preferred alternative design for this project addresses TRCA concerns related to its program areas. These will be further defined through the EA review process.
Service Provider	

Service Agreements and Memorandum of Understandings	**Service Level Agreements:** TRCA has service level agreements to provide EA Review services to various partners within specific service delivery timelines. Fees are charged as per agreement stipulations; review fees are not charged for individual files. **Memorandum of Understandings:** The provision of planning advisory services to municipalities is implemented through a Memorandum of Understandings (MOU) with participating municipalities or as part of a CA's approved program activity. In this respect, the CA is essentially acting as a technical advisor to municipalities. The agreements cover the CA's areas of technical expertise such as water management, natural hazards, and natural heritage.
Restoration Opportunities	TRCA requires that the preferred alternative considers avoiding, minimizing, mitigating, and compensating impacts to ecosystems in that order. In areas where impacts are unavoidable, mitigation or compensation will be required. It is recommended that the costs associated with these impacts be factored into decisions made during the EA. TRCA has identified opportunities for habitat restoration and enhancement on TRCA property and some privately owned lands, targeted to improve natural form and function based on goals in the watershed strategies. Should ecosystem restoration or compensation be required for this project, TRCA may be able to provide both restoration opportunities and restoration field services on a project specific basis. This will be further discussed through the EA review process.
Community and Public Realm Benefits	TRCA understands that the purpose of providing project-based community benefits is to provide measurable economic benefits to the local community, and that the purpose of providing public realm benefits is to support local opportunities for social and environmental improvements. As part of the 2013-2022 TRCA Strategic Plan (updated), TRCA has identified the need to achieve measurable positive impacts on the health of our watersheds and has developed a number of programs that actively engage with local communities to support a green, local economy. These programs include but are not limited to, Sustainable Neighbourhood Retrofit Action Plans, TRCA Conservation Land Care Program, TRCA Trails Program, TRCA Community Transformation Program and Partners in Project Green. It is recommended that commitment be made to work with TRCA and other partners to develop a Community and Public Realm Benefits Strategy for this project. This will be further discussed through the EA review process.

APPENDIX B: TRCA AREAS OF INTEREST

TRCA PROGRAM AND POLICY AREAS *Note: Additional program and policy information may be available at www.trca.ca, or by request.*	
Natural System Programs and Policies	
Systems Approach	TRCA follows a systems approach in which the natural features and water resources are considered in relation to each other and the broader landscape in which they occur. The systems approach recognizes the role that linkages and connectivity within the natural system has in supporting ecological and hydrologic processes and functions that are vital to maintaining a healthy and robust natural system that is resilient against the impacts of urbanization and climate change. TRCA may require an assessment of the existing systems, together with an evaluation as to how the proposal may impact the systems.
Aquatic Systems, Species and Habitat	The aquatic system includes watercourses, wetlands, and flora and fauna species. Aquatic species and habitat should be assessed based on their conservation status according to sensitivity to disturbance and specialized ecological needs, as well as rarity. TRCA has prepared watershed plans or strategies, as well as fisheries management plans for some watersheds. The proposal must prevent negative impacts to the aquatic system, and as such, TRCA may require an assessment of the existing aquatic system, an evaluation as to how the proposal will meet the objectives articulated in the watershed plan or strategy, and/or an evaluation as to how the proposal will meet the objectives of the fisheries management plan.
Terrestrial System, Species and Habitat	The terrestrial system includes landscape features, vegetation communities, and flora and fauna species. Terrestrial species and habitat should be assessed based on their conservation status according to sensitivity to disturbance and specialized ecological needs, as well as rarity. TRCA has identified the need to improve both the quality and quantity of terrestrial habitat. TRCA's **Terrestrial Natural Heritage System Strategy** sets measurable targets for attaining a healthier natural system by creating an expanded and targeted land base. It includes strategic directions for stewardship and securement of the land base, a land use policy framework to help achieve the target system, and other implementation mechanisms. TRCA may require an assessment of the existing terrestrial species and habitat, together with an evaluation as to how the proposal will meet the objectives articulated in the watershed plan or terrestrial natural heritage strategy, as well as prevent negative impacts to the terrestrial system.
Groundwater Systems	
Aquifers and Hydrogeological Features and Functions	Groundwater systems include aquifers and their functional connections to surface water. The extraction and discharge of groundwater has the potential to negatively impact surrounding natural features and their functions. Even small amounts of groundwater extraction may reduce contributions to groundwater dependent features such as wetlands, springs, or fish spawning habitat. In addition, the discharge of groundwater must be controlled to avoid impacts to watercourses and fish habitat from temperature, erosion and sedimentation, as well other water quantity and quality issues.

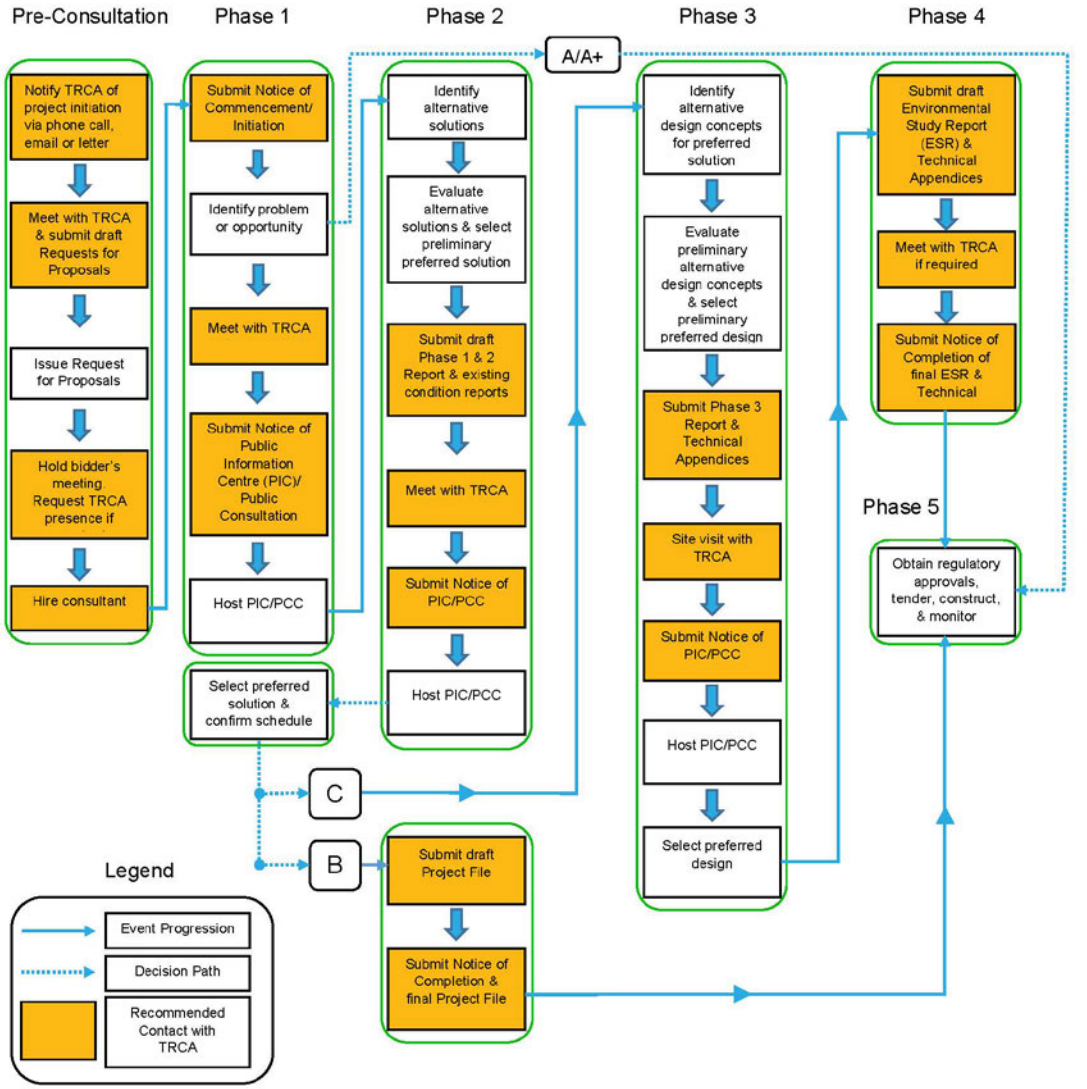
	TRCA may require geotechnical or hydrogeological investigations to confirm dewatering and discharge requirements, and to identify appropriate mitigation measures with respect to potential impacts to natural features and functions.
Surface Water Systems	
Watercourses	Typically, watercourses are associated with aquatic species, and direct or indirect habitat. Any alteration or interference to a watercourse (e.g., straightening, diverting, realigning, altering baseflow) has the potential to impact fish communities, but may also affect the Regulatory Flood Plain, erosion or other natural channel processes. TRCA may require an environmental study or site confirmation of watercourse locations.
Meander Belt	Channel migration has a significant impact on infrastructure, structures and property located near river systems. Determining channel stability is important to ensure that damage from erosion, down-cutting or other natural channel processes is avoided. TRCA may require a meander belt delineation study or fluvial geomorphology analysis to confirm that any development does not conflict with natural channel processes.
Regulatory Flood Plain	The Regulatory Flood Plain is the approved standard used in a particular watershed to define the limit of the flood plain for regulatory purposes. Within TRCA's jurisdiction, the Regulatory Flood Plain is based on the greater of the regional storm, Hurricane Hazel, and the 100-year flood. TRCA's framework for Flood Plain Management is the LCP. TRCA may require a flood study or hydraulic update to confirm that there will be no impacts to the storage or conveyance of flood waters.
Wetlands	Wetlands are sensitive natural habitats that play an important role in numerous physical, chemical and biological processes, including storm water control, natural habitat and water quality improvement. Most wetlands are designated by the Ministry of Natural Resources and Forestry as Provincially Significant or Locally Significant. Other wetlands have also been identified on a site specific basis by TRCA. All wetlands are regulated under Ontario Regulation 166/06. TRCA may require an environmental study or site confirmation of wetland locations.
Storm Water Management, including Green Infrastructure	Stormwater management is integral to the health of streams, rivers, lakes, fisheries and terrestrial habitats, and source water protection is integral for managing the quality and quantity of drinking water at its source. TRCA requires all development, infrastructure and site alteration meet the criteria in the TRCA 2012 Stormwater Management Criteria document for water quantity, water quality, erosion control, discharge water temperature, and water balance for groundwater recharge and natural features. Green Infrastructure techniques, including Low Impact Development (LID) measures should be used to address issues related to stormwater management, as well as maximize ecosystem services and mitigate the impacts of urbanization and climate change. For further information, please refer to the TRCA Introduction to Green Infrastructure, the Sustainable Technologies Evaluation Program (STEP) -Urban

	Runoff Green Infrastructure and the STEP 2010 Low Impact Development Stormwater Management Planning and Design Guide.
Flood or Erosion Control Structures	There is an existing flood or erosion control structure (e.g., dam, weir, berm, channel) located in the project vicinity that must be considered as the project proceeds. A meeting with TRCA should be arranged as early as possible.
Valley Slopes	
Crest of Slope	Valley and stream corridors are dynamic systems that provide important natural functions and linkages for the physical, chemical and biological processes of wildlife, watercourses, and other natural features. The crest of slope identifies the physical limit of these corridors; however, due to ecological sensitivities, development restrictions typically extend beyond the actual crest of slope. TRCA may require the determination of the long term stable crest of slope (or toe of slope) through a staking with TRCA staff, as well as a geotechnical assessment.
Sustainability Programs and Policies	
Climate Change	In October 2017, MECP released a guideline under the Ontario environmental assessment legislation directing that all projects going through the EA process, including IEAs, Class EAs, and those governed by EA regulations, must consider impacts to and opportunities for climate change mitigation and adaptation, and consider the vulnerability of projects to climate change. It was further recommended that applicable policies in the 2014 **Provincial Policy Statement** be addressed, including but not limited to encouraging green infrastructure and strengthening stormwater management requirements; requiring consideration of energy conservation and efficiency, reduced greenhouse gas emissions and climate change adaptation (e.g. tree cover); and consideration of the potential impacts of climate change that may increase the risk associated with natural hazards (e.g. flooding due to severe weather). The climate change section of the EA should include recommendations for Green Infrastructure, Sustainable Energy, Sustainable Buildings and Sustainable Construction Practices, as further described below. It is recommended that a completed Sustainable Technologies for Green Building, Green Infrastructure, and Sustainable Energy Design in Evaluation Matrix be included in the EA document.
Sustainable Infrastructure & Buildings	The sustainability of infrastructure and buildings determined through a variety of factors through planning, design, construction, operation, maintenance and decommissioning. Sustainability factors include the efficiency environmental impact of project inputs through all phases, including energy, water and natural resources/materials. The type and amount of energy used in construction and operation is one of the most significant factors affecting climate change, the ecological footprint of our communities, and ultimately our ability to create sustainable communities. As supported by the LCP, TRCA advocates that proponents consider the use of appropriate sustainable energy networking (e.g., community energy project), technologies (e.g., solar lights, etc.) and practices (e.g., selection of materials,

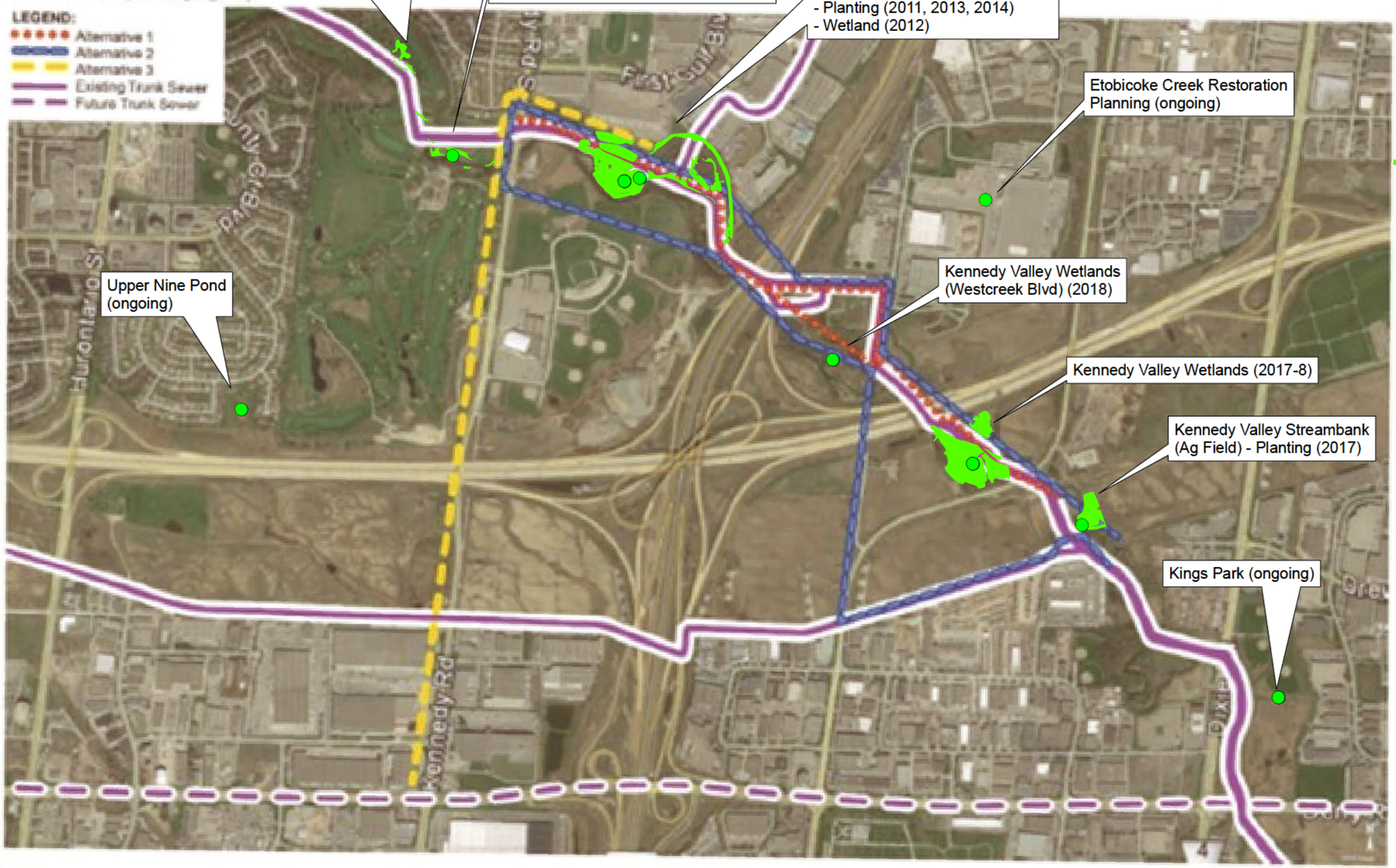
	transportation of materials, energy efficiency, passive solar energy) in their projects. Various sustainability best management practices include sustainable procurement, reusing resources, using recyclable/recycled resources, protecting natural systems, eliminating toxics, applying life-cycle costing and ensuring a high quality of construction. If designed appropriately, sustainable infrastructure or buildings generally cost less to operate, are more resilient and adaptable as comparted to standard designs and are an aesthetic and environmental benefit to the community. TRCA recommends that a commitment to sustainable infrastructure or buildings through all project phases be made in the EA document. Please consider using a rating system such as Envision or LEED to guide the EA and detailed design.
Sustainable Communities	The TRCA Living City vision is based on a foundation that includes Sustainable Communities. Planning for community sustainability requires the identification of the complex and inter-related social, economic and ecological systems involved; TRCA supports a systems approach to developing integrative and adaptive solutions to improve community sustainability. Key socio-economic systems include: transportation facilities (including trails, sidewalks & multi-use pathways), community greenspaces (including parks), urban forests, cultural heritage resources, and the local economy. For transportation projects, a context sensitive design/solutions framework are encouraged.
Archaeological and Heritage Resources	TRCA watershed strategies include recommendations for the management of archaeological and heritage resources in accordance with Ministry of Culture and Municipal standards. The project should aim to preserve, protect and celebrate archaeological and heritage resources where possible.
PROVINCIAL PROGRAM AREAS	
Greenbelt Plan	The Greenbelt consists of more than 809,000 hectares of environmentally sensitive land, urban river valleys and agricultural land in the Golden Horseshoe. The **Greenbelt Plan** identifies limits to urbanization to provide permanent protection to the agricultural land base and the ecological features and functions occurring within this landscape. Contact the Ministry of Municipal Affairs and Housing for more details. Please confirm that the preferred alternative design for this project conforms with Section 4.2 Infrastructure Policies and Section 6 Urban River Valley Policies of the **Greenbelt Plan**.
Clean Water Act and Credit Valley - Toronto & Region - Central Lake Ontario (CTC) Source Protection Plan	The Clean Water Act ensures communities protect their drinking water supplies through prevention by developing collaborative, watershed-based source protection plans that are locally driven and based on science. Please be advised that the subject property appears to fall within the Highly Vulnerable Aquifers (HVA) areas under the Credit Valley - Toronto and Region - Central Lake Ontario Source Protection Plan (CTC SPP). Please confirm that the preferred alternative design for this project conforms with the CTC SPP. Please also consult with the Risk Management Official as copied on this letter. Please note that in accordance with Ontario Regulation 166/06, permits from TRCA may be required for mitigation solutions that are designed to ensure conformity with the CTC SPP.

PROVINCIAL PROGRAM AREAS
Please contact the Ministry of Natural Resources and Forestry to confirm if there are program interests related to this project for: • **Areas of Natural and Scientific Interest** (ANSI) • **Provincially Significant Wetlands** (PSW) • **Provincially Endangered Species under the Species at Risk Act** (SARA) Please be advised that this list is not inclusive and the onus is on the proponent and it consultants to consult with other provincial agencies, as required, to ensure that requirements of their respective legislation is met.
FEDERAL PROGRAM AREAS
Please contact the relevant federal agency to confirm if there are issues related to: • Asian Long-horned Beetle Regulated Area • Federally Endangered Species under the **Endangered Species Act** (ESA) • The **Fisheries Act** Please be advised that this list is not inclusive and the onus is on the proponent and it consultants to consult with other provincial agencies, as required, to ensure that requirements of their respective legislation is met.

Appendix C: Recommended TRCA Contact Points in the Municipal Class EA Process



Alternative Alignments



Region of Peel
working with you

Etobicoke Creek Trunk Sewer Upgrades

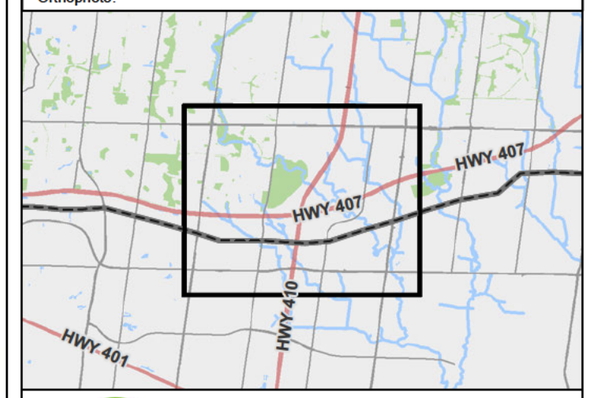
Possible Alignments vs Past Restoration by Restoration Projects Group

Notes:

Legend

- RP Projects
- Past RP Projects

Date: 7/18/2019
Created by: Restoration Projects
Orthophoto:



Toronto and Region Conservation Authority

Disclaimer: The data used to create this map was compiled from a variety of sources & dates. The TRCA takes no responsibility for errors or omissions in the data and retains the right to make changes & correc ions at anytime without notice. For further information about the data on his map, please contact the TRCA Restoration and Infrastructure Division. (416) 661-6600.

From:	Zack Carlan
To:	Borowiec, Laura; Newton, Dorin/TOR
Cc:	Jones, Lee Anne/TOR; Sharon Lingertat
Subject:	[EXTERNAL] TRCA Response to Region of Peel - Pre-Consultation Meeting Minutes for Etobicoke Creek Trunk Sewer Improvements and Upgrades
Date:	Wednesday, August 14, 2019 11:02:36 AM
Attachments:	image003.png image004.png image006.png image007.png image008.png image009.png image010.png KennedyValley_RPProjects_vsEtTrunkSewerAlignments.pdf

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Hi Laura and Dorin,

Thank you for providing the minutes from this meeting. In addition TRCA staff received a Notice of Commencement for the proposed project on July 4, 2019. Please see below for TRCA post-meeting notes and attached completed/ongoing restoration projects within this area. Thank you.

TRCA Post Meeting Notes

- Please advise on any required mapping or data for the proposed project that the Region requires and TRCA can provide this information if available.
- Please note that TRCA restoration staff have a number of completed and ongoing works within this project area including previously completed Kennedy Valley wetlands, plantings and trail works (that could be impacted), Kings Park Wetland and stream project, City of Brampton plantings within the Sam Rayson Valley, Erosion and Mitigation work and plantings at Peel Village Golf Course, etc. Please see attached map for a majority of these works. It is TRCA's staff preference that these works and project sites be avoided by the proposed alignment. Any potential impacts to these areas will need to be discussed with TRCA during the EA process. Please include this item in the minutes

Thank you,

Zack Carlan
Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5310
E: zack.carlan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca

Toronto and Region Conservation Authority

From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Friday, June 14, 2019 12:34 PM

To: Sharon Lingertat <Sharon.Lingertat@trca.ca>
Cc: Borowiec, Laura <laura.borowiec@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: RE: Region of Peel Request for Preconsultation

Good afternoon Sharon,

Please find attached the material from our Pre-Consultation meeting on May 24th, 2019. It includes the meeting agenda, minutes and the presentation.

Please note that the alignments shown in the presentation were identified in the Feasibility Study that was completed by the Region in February 2018. Those along with other viable alternatives will be considered as part of the EA process.

Thank you,

Dorin Newton, M.Eng., EIT | **Jacobs** | Civil Design Specialist, BIAF | **T** 416.499.0090 x.73713 | **C** 519.575.5585 |
Dorin.Newton@jacobs.com | www.jacobs.com

From: Sharon Lingertat <Sharon.Lingertat@trca.ca>
Sent: Friday, June 14, 2019 9:28 AM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: [EXTERNAL] RE: Region of Peel Request for Preconsultation

Good morning,

I'm just following up based on our discussions regarding a map showing possible alignment alternatives. I understand that they may not be the official alignments, however, I was hoping to circulate a map to our restoration staff to ensure they hold off on any further work along any potential alignments.

Please let me know if any additional mapping can be provided.

Thanks,

Sharon Lingertat, B.Sc. (Hons), MCIP, RPP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5717
C: (647) 244-7112
E: sharon.lingertat@trca.ca
A: 101 Exchange Avenue, Vaughan, ON L4K 5R6 | trca.ca

From: Borowiec, Laura <laura.borowiec@peelregion.ca>
Sent: Monday, May 13, 2019 10:55 AM
To: Sharon Lingertat <Sharon.Lingertat@trca.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Region of Peel Request for Preconsultation

Hi Sharon,

Thank you for the confirmation.

We will look forward to meeting with you on the 24th.

Regards,

Laura Borowiec, P.Eng.
Project Manager
Infrastructure Planning & Studies, Growth, Groundwater & Source Water Protection
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681

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From: Sharon Lingertat <Sharon.Lingertat@trca.ca>
Sent: May 13, 2019 10:53 AM
To: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Cc: Borowiec, Laura <laura.borowiec@peelregion.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Region of Peel Request for Preconsultation

Hi,

I've booked the Don room at our office for May 24 at 1pm.

Jason Solnik (ecology), Jairo Morelli (engineering) and Zack Carlan (planning) will also be attending.

Thanks

Sharon Lingertat, B.Sc. (Hons), MCIP, RPP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5717
C: (647) 244-7112
E: sharon.lingertat@trca.ca
A: 101 Exchange Avenue, Vaughan, ON L4K 5R6 | trca.ca

From: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Sent: Monday, May 13, 2019 10:12 AM
To: Sharon Lingertat <Sharon.Lingertat@trca.ca>
Cc: Borowiec, Laura <laura.borowiec@peelregion.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Region of Peel Request for Preconsultation

Hi Sharon
My apologies for the delay – if you could arrange for a room at your office, we'll join you there at 1:00 pm?

If you could also advise who from TRCA are joining us so we can add them to the agenda.

Thank you
Lee Anne

From: Sharon Lingertat <Sharon.Lingertat@trca.ca>
Sent: Thursday, May 02, 2019 10:36 AM
To: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Cc: Borowiec, Laura <laura.borowiec@peelregion.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: [EXTERNAL] RE: Region of Peel Request for Preconsultation

Hi Lee Anne,

I received your voice message regarding the meeting on May 24.

Does 1 pm or 1:30 pm work for you? I can also reserve a room at our office if that works for you?

Thanks,

Sharon Lingertat, B.Sc. (Hons), MCIP, RPP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5717
C: (647) 244-7112
E: slingertat@trca.on.ca
A: 101 Exchange Avenue, Vaughan, ON L4K 5R6 | trca.ca

From: Sharon Lingertat
Sent: Wednesday, May 1, 2019 12:45 PM
To: 'LeeAnne.Jones@jacobs.com' <LeeAnne.Jones@jacobs.com>
Cc: 'laura.borowiec@peelregion.ca' <laura.borowiec@peelregion.ca>; 'Dorin.Newton@jacobs.com' <Dorin.Newton@jacobs.com>
Subject: RE: Region of Peel Request for Preconsultation

Hi Lee Ann,

Ecology is unable to make the 23rd. Our available dates are now
May 22 – afternoon
May 24 – afternoon

Thanks

Sharon Lingertat
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5717
C: (647) 244-7112
E: slingertat@trca.on.ca
A: 101 Exchange Avenue, Vaughan, ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | trca.ca

From: Sharon Lingertat
Sent: Wednesday, May 1, 2019 12:31 PM
To: 'LeeAnne.Jones@jacobs.com' <LeeAnne.Jones@jacobs.com>
Cc: 'laura.borowiec@peelregion.ca' <laura.borowiec@peelregion.ca>; 'Dorin.Newton@jacobs.com' <Dorin.Newton@jacobs.com>
Subject: RE: Region of Peel Request for Preconsultation

Hi Lee Ann,

Thanks for contacting us. We (engineering, ecology and I) are available as follows to meet. Please let me know if any of these dates/times work for you and your team.

May 22 – afternoon
May 23 – morning
May 24 - afternoon

Regards,

Sharon Lingertat
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5717
C: (647) 244-7112
E: slingertat@trca.on.ca
A: 101 Exchange Avenue, Vaughan, ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | trca.ca

From: Colleen Bain <Colleen.Bain@trca.on.ca>
Sent: Thursday, April 25, 2019 8:38 AM
To: Sharon Lingertat <sharon.lingertat@trca.on.ca>
Subject: FW: Region of Peel Request for Preconsultation

Hi Sharon,

Please see the below email that I received this morning.

Best regards,
-Colleen

Colleen Bain
Planner I
Development Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5657
E: colleen.bain@trca.on.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6

Toronto and Region Conservation Authority (TRCA) | trca.ca

From: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Sent: Thursday, April 25, 2019 7:54 AM
To: Colleen Bain <Colleen.Bain@trca.on.ca>
Cc: Borowiec, Laura <laura.borowiec@peelregion.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: Region of Peel Request for Preconsultation

Good morning
Please find attached the Region's request for preconsultation regarding their Class EA for Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please advise of your availability to meet to discuss TRCA's interests in this project.

Please call should you have any questions or require additional information.

Lee Anne Jones, P. Eng. | Jacobs | Senior Project Manager - Buildings, Infrastructure & Advanced Facilities| 416.499.0090 X 73616 | 416.561.1396 cell | LeeAnne.Jones@jacobs.com | www.jacobs.com

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Not spam

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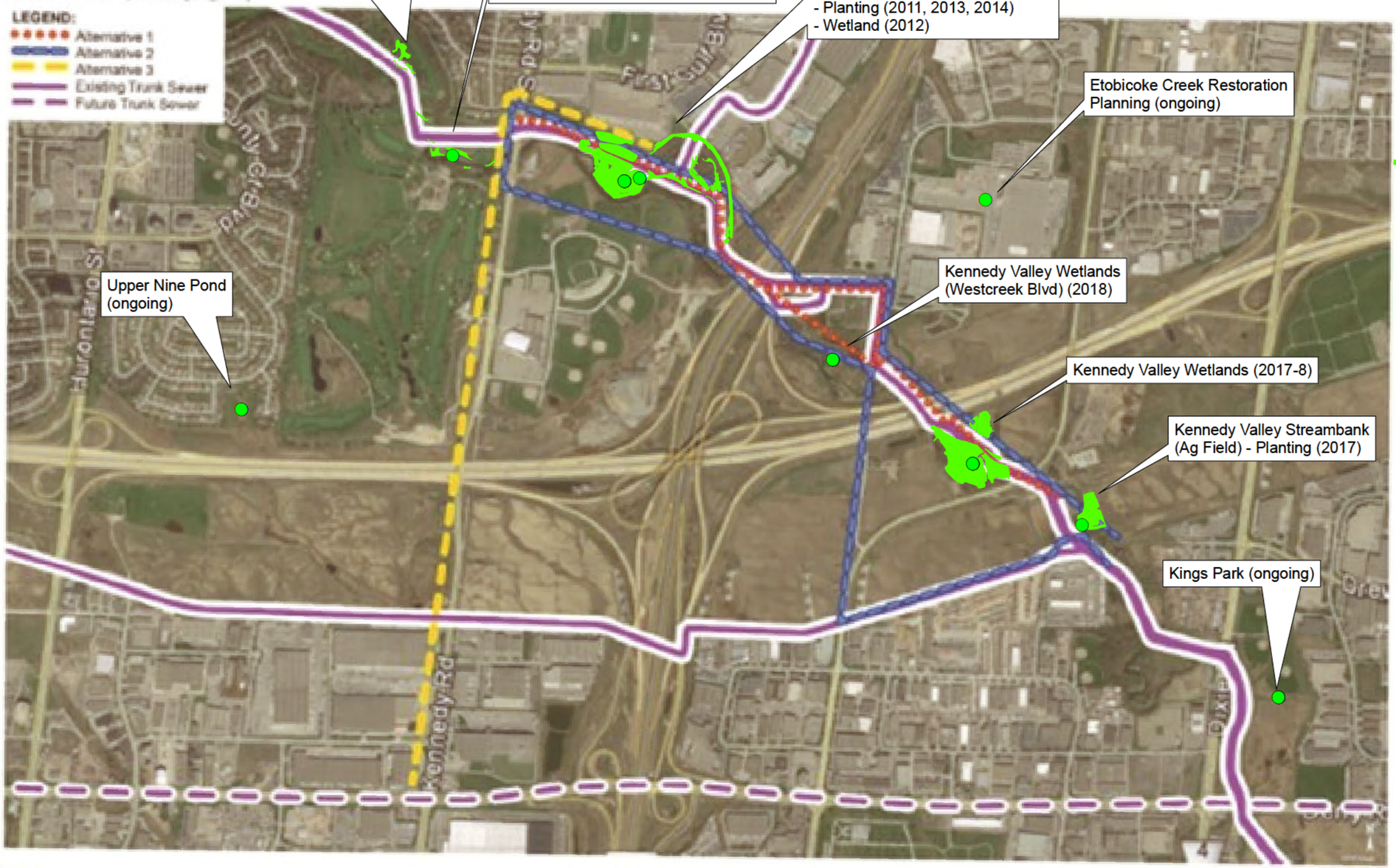
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Jacobs' Energy, Chemicals and Resources business is now part of Worley

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Alternative Alignments



Region of Peel
working with you

Etobicoke Creek Trunk Sewer Upgrades

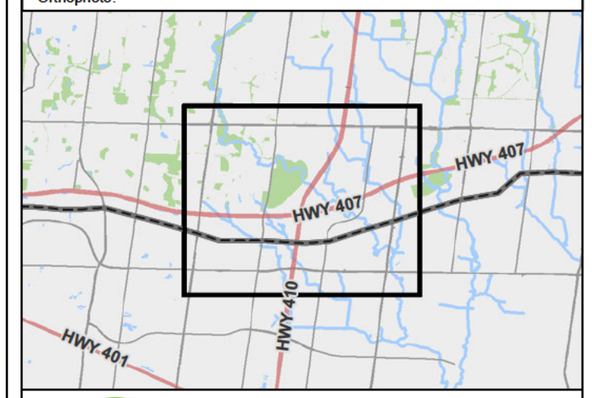
Possible Alignments vs Past Restoration by Restoration Projects Group

Notes:

Legend

- RP Projects
- Past RP Projects

Date: 7/18/2019
Created by: Restoration Projects
Orthophoto:



Toronto and Region Conservation Authority

Disclaimer: The data used to create this map was compiled from a variety of sources & dates. The TRCA takes no responsibility for errors or omissions in the data and retains the right to make changes & correc ions at anytime without notice. For further information about the data on his map, please contact the TRCA Restoration and Infrastructure Division. (416) 661-6600.

Newton, Dorin/TOR

From: Dorin.Newton@jacobs.com
Sent: Tuesday, December 8, 2020 1:18 PM
To: Newton, Dorin/TOR
Subject: ECTS EA - Phase 2 Studies

Jacobs File Transfer System

Dorin.Newton@jacobs.com has sent you a file archive, with the following message:

Hi Suzanne,

Please find here the link to download the following:
- Hydrogeology Desktop Review
- Draft Natural Sciences Report

I did not include the presentation slides based on your email.

Thank you,
Dorin

If you trust Dorin.Newton@jacobs.com, use the URL below to pick up the file archive (you may need to copy and paste it into your browser):

Download URL: https://jftt.jacobs.com/download.aspx?ID=e35c6db0-fba7-4edd-aa87-5707ccdf02ce&RID=06b2cff0-4a23-4cb2-8b74-f6ce9e648bd4
Download size: 20,595 KB
Download contents: ta8907-2020draftetobicokecreektrunksewernaturalsciencesreportv5oct2020.pdf, hydrogeology_desktopreview.pdf
Distribution:
To:Suzanne.Bevan@trca.ca
Cc:italia.ponce@peelregion.ca

You have 7 days to pick up this file archive; after 7 day(s) (Midnight 12/15/2020), it will be deleted. This is an automated e-mail. Thank you for using the Jacobs File Transfer System.

Newton, Dorin/TOR

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Tuesday, December 8, 2020 1:03 PM
To: Newton, Dorin/TOR
Cc: Ponce Vanelli, Italia
Subject: [EXTERNAL] RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Super – please note we do have the presentation (just in case that saves you some effort).

Thanks for the quick response.
Suzanne

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |



From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Tuesday, December 8, 2020 1:02 PM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi Suzanne,

Thank you for your response. I will send through the following items through our FTP site as the files are too large:

- Hydrogeology Desktop Review
- Draft Natural Sciences Report
- Presentation slides from the November 10, 2020 meeting held with TRCA

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
O:+00.416.499.0090 Ext. 73713 | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

---

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Tuesday, December 8, 2020 12:20 PM

To: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: [EXTERNAL] RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi Dorin,

Thank you for the information provided below.

Do you have any additional studies available at this time for review in support of the preliminary preferred alternative? I am looking for additional details in support of your alignment – and technical constraints.

Please contact me directly should wish further details.

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

Toronto and Region Conservation Authority

From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Thursday, November 26, 2020 4:24 PM
To: Sharon Lingertat <Sharon.Lingertat@trca.ca>; Zack Carlan <Zack.Carlan@trca.ca>; Jason Solnik <Jason.Solnik@trca.ca>; Jairo Morelli <Jairo.Morelli@trca.ca>; Victoria Kramkowski <Victoria.Kramkowski@trca.ca>; Andrew Ramesbottom <Andrew.Ramesbottom@trca.ca>; Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Good afternoon,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified a preliminary preferred alternative and would like to confirm this with input from the public and stakeholders. Please see attached Notice for details on how to access the Region's *Online Public Engagement* material. Please direct any comments to Italia Ponce, copied on this email. Comments will be received until December 11, 2020.

Please also find attached the draft Natural Sciences Report that was prepared during Phase 2 of this EA. Please review and let us know if you require any additional mitigation measures to be included. During Phase 3, we can work more closely with your team to ensure that the design options meet your requirements and are adhered to during detailed design.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering

On behalf of:

Italia Ponce, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 4583
italia.ponce@peelregion.ca

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Newton, Dorin/TOR

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Tuesday, December 15, 2020 3:00 PM
To: Jones, Lee Anne/TOR
Cc: Newton, Dorin/TOR; Ponce Vanelli, Italia
Subject: [EXTERNAL] RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi Lee Anne,

I do apologize if I have missed an email but I don't see the hydrogeology report or the technical explanation of constraints.

The last meeting was very helpful but for staff to comment it would be great to have more information related to the rationale supporting the alignment.

Please don't hesitate to reach out to me directly if I have misunderstood or again, missed an email.

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

From: Suzanne Bevan
Sent: Tuesday, December 15, 2020 2:47 PM
To: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi Lee Anne,

Thank you for reaching out. I will follow up and get back to you.

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP

Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

From: Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Sent: Tuesday, December 15, 2020 2:15 PM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Good afternoon Suzanne

The comment period for the identification of the preferred alternative for the above-noted project concluded on December 11, 2020, but we have not yet received comment from TRCA. Please forward your comments to the Region (Attention: Italia Ponce at the email above) by December 21, 2020 so that they can be considered in the finalization of Phase 2 of the Class EA process.

Thank you!

Lee Anne Jones, P. Eng. | Jacobs | Senior Project Manager|
416.499.0090 X 73616 | 416.561.1396 cell | LeeAnne.Jones@jacobs.com | www.jacobs.com

---

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Tuesday, December 8, 2020 1:03 PM
To: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: [EXTERNAL] RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Super – please note we do have the presentation (just in case that saves you some effort).

Thanks for the quick response.
Suzanne

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
C: (647) 924-5467
E: suzanne.bevan@trca.ca

A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

Toronto and Region Conservation Authority

From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Tuesday, December 8, 2020 1:02 PM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi Suzanne,

Thank you for your response. I will send through the following items through our FTP site as the files are too large:

- Hydrogeology Desktop Review
- Draft Natural Sciences Report
- Presentation slides from the November 10, 2020 meeting held with TRCA

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
O:+00.416.499.0090 Ext. 73713 | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

---

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Tuesday, December 8, 2020 12:20 PM
To: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: [EXTERNAL] RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Hi Dorin,

Thank you for the information provided below.

Do you have any additional studies available at this time for review in support of the preliminary preferred alternative? I am looking for additional details in support of your alignment – and technical constraints.

Please contact me directly should wish further details.

Thank you,

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5759
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 I trca.ca |

From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Thursday, November 26, 2020 4:24 PM
To: Sharon Lingertat <Sharon.Lingertat@trca.ca>; Zack Carlan <Zack.Carlan@trca.ca>; Jason Solnik <Jason.Solnik@trca.ca>; Jairo Morelli <Jairo.Morelli@trca.ca>; Victoria Kramkowski <Victoria.Kramkowski@trca.ca>; Andrew Ramesbottom <Andrew.Ramesbottom@trca.ca>; Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Good afternoon,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified a preliminary preferred alternative and would like to confirm this with input from the public and stakeholders. Please see attached Notice for details on how to access the Region's *Online Public Engagement* material. Please direct any comments to Italia Ponce, copied on this email. Comments will be received until December 11, 2020.

Please also find attached the draft Natural Sciences Report that was prepared during Phase 2 of this EA. Please review and let us know if you require any additional mitigation measures to be included. During Phase 3, we can work more closely with your team to ensure that the design options meet your requirements and are adhered to during detailed design.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering

On behalf of:

Italia Ponce, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 4583
italia.ponce@peelregion.ca

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Newton, Dorin

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Tuesday, August 2, 2022 1:36 PM
To: Newton, Dorin
Cc: Ponce Vanelli, Italia; Mahood, Tom; Park, Daniel
Subject: [EXTERNAL] CFN 61367 TRCA Response to Submission 3, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Environmental Assessment

Hi Dorin,

Thank you for the resubmission of the NSR and the Geotech Report.

Please submit a cover letter, updated comment table including where in the report the updates that address TRCA comments have been provided. I can then review with technical staff and respond accordingly.

Should you have any concerns please contact me directly on my cell.

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

T: (437) 880-2436
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca

Toronto and Region Conservation Authority

From: Newton, Dorin <Dorin.Newton@jacobs.com>
Sent: July 29, 2022 10:32 AM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Mahood, Tom <Tom.Mahood@jacobs.com>; Park, Daniel <Daniel.Park@jacobs.com>
Subject: RE: TRCA Response to Submission 3, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Environmental Assessment

Good morning Suzanne,

As mentioned in Italia's email, we have the revised Geotechnical Report. Please find it attached for your review.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
O:+01.437.780.2472 (Effective April 28, 2022) | M:+00.519.575.5585 | Dorin.Newton@jacobs.com

PTO Alert: August 9-29, 2022

From: Newton, Dorin
Sent: Wednesday, July 27, 2022 3:48 PM
To: 'Suzanne Bevan' <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Mahood, Tom <Tom.Mahood@jacobs.com>; Park, Daniel <Daniel.Park@jacobs.com>
Subject: RE: TRCA Response to Submission 3, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Environmental Assessment

Good afternoon Suzanne,

We've received your response and will address the comments you had appended. As per Italia's email on May 31, 2022, an addendum to the NSR was completed based on our refined design. I am attaching it here for your review. Please have a look and let us know if anything changes on your review comments.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
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Sent: Tuesday, July 5, 2022 3:41 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: [EXTERNAL] TRCA Response to Submission 3, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Environmental Assessment

Hi Italia,

Please find TRCA correspondence attached.

I am sorry we couldn't provide comments by June 27. Should you have any questions please do not hesitate to contact me.

Staff look forward to reviewing the draft ESR.

Hope you are enjoying the summer weather!

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
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From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: May 31, 2022 2:27 AM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: TRCA PACKAGE to review.

Sorry Suzanne, I forgot to mention about when we wants comments back. We are hoping to provide you with a copy of the revisd reports ASAP however if you could provide us comments on the material submitted by June 27 that will be great.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Ponce Vanelli, Italia
Sent: May 31, 2022 2:24 AM
To: Suzanne.Bevan@trca.ca
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: FW: TRCA PACKAGE to review.

Hi Suzanne

Thank you for attending the meeting on May 3 and providing us with comments on the material presented. As promised, below is the link to several of the documents for TRCA to review for the Etobicoke Creek Trunk Sewer EA:

-Natural environmental Report
-archeological Reports
-detailed evaluation for design concepts
-detailed evaluation for Biscayne connection

Please note that the natural environment and archaeological assessment reports are being revised based on the refinements of the alignment and shaft locations. Also the geotechnical report completed by WSP is also being finalized (draft was submitted to us) so we will be provide the final report along with revised reports as soon as they become available. Although these reports are being revised, the comments do not change the outcome of our decision for the preferred construction methodology for Segment 3.

I have also included the PIC 2 boards for review as well as the Region's response to your previous comments (phase 2) for reference. The minutes of our meeting have also been attached.

Studies

Evaluation

Lastly, I am on vacation this week however I have copied Dorin Newton in this email in the event you require additional information or in case the link to the reports do not work.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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Region of Peel
working with you

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Newton, Dorin

From: Mahood, Tom
Sent: Friday, September 9, 2022 12:55 PM
To: Suzanne Bevan
Cc: Ponce Vanelli, Italia; Park, Daniel; Newton, Dorin
Subject: RE: CFN 61367 TRCA Response to Submission 3, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Environmental Assessment
Attachments: Phase 3 Comments Response Letter 09092022.pdf

Hi Suzanne

Thank you again for the comments you provided. We have completed the responses to your latest comments and added them to the attached letter. I trust this will provide you with the information you need. If you have any questions or would like additional information please let us know.

Thanks,
Tom

Tom Mahood, P.Eng. | Jacobs |
O: 1.519.579.3500 x 73241 | M: 1.519.830.1404 | tom.mahood@jacobs.com
72 Victoria Street South, Suite 300 | Kitchener, ON N2G 4Y9 | Canada

---

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Tuesday, August 2, 2022 1:36 PM
To: Newton, Dorin <Dorin.Newton@jacobs.com>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Mahood, Tom <Tom.Mahood@jacobs.com>; Park, Daniel <Daniel.Park@jacobs.com>
Subject: [EXTERNAL] CFN 61367 TRCA Response to Submission 3, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Environmental Assessment

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Thank you,
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Suzanne Bevan, B.Sc. (Hons), ENV SP
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Toronto and Region Conservation Authority

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Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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Studies

Evaluation

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Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
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Region of Peel
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September 9, 2022

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services
Toronto and Region Conservation Authority
101 Exchange Avenue
Vaughan, ON L4K 5R6

Dear Ms. Bevan,

RE: Class EA Study for the Etobicoke Creek Trunk Sewer Improvements and Upgrades

In response to your email dated August 2, 2022 in regard to the comments and response table for the Natural Sciences and Geotechnical reports, we have provided (attached in Appendix 1), the updated table that will assist you in your review as requested.

A number of the comments are in regard to anticipated content of the ESR which is currently being developed. In addition, a Phase 3 report is also being completed. Both of these reports will be made available to the TRCA for review. We will further update the comments and response table at that point to direct the TRCA to report sections that further address the comments provided.

Yours very truly,



Tom Mahood, P. Eng.
Project Manager
Jacobs
(519) 614-1641
tom.mahood@jacobs.com

APPENDIX A - Comment and Response Table

Item	TRCA Comments (February 5, 2021)	Proponent Comments (February 24, 2021)	TRCA Comments (July 5, 2022)	Proponent Comments (September 9, 2022)
1	Please confirm if the Kennedy alignment does or does not address the problem statement. Staff request further details identifying the technical constraints and limitations of alignment along Kennedy Road be provided. This will be required to support further the next phases of EA review and to support any future reports in support of permit approval through TRCA s Executive Committee.	The Kennedy Road alignment evaluated in Phase 2 runs from the existing sewers south to connect to the Region s new East to West Diversion Sanitary Trunk Sewer (EWD STS), currently in construction. As noted in the detailed evaluation table that was provided to TRCA on December 16, 2020, this alignment did not completely address the Problem Statement due to the following key technical constraints and limitations: □ The new trunk sewer has been sized to accommodate planned and projected flows in the connecting drainage area and address current flow limitations in the existing sewers. Hydraulic modelling indicates that due to the shallow slope in the existing sewers downstream of the current Biscayne connection, the majority of new flow to be collected in the drainage areas serviced by the Etobicoke Creek Trunk Sewer system would need to be routed through the new sewer to prevent surcharging downstream of the Biscayne connection. As a result, a flow of almost 4 m^3/s would be discharged to the East to West Diversion Sanitary Trunk Sewer (EWD STS) and routed into the Region s West Trunk System. The purpose of the Diversion Sewer is to build flexibility into the Region s sewer collection system so that flows can be diverted from the East Trunk System to the West Trunk System. This will allow for operation and maintenance of the various components of the sewer system without impacting service to the Region s customers. Connecting the Kennedy Road alignment to the Diversion Sewer would permanently consume almost half of the Diversion Sewer capacity, significantly reducing the Region s ability to divert flows from elsewhere in the system. □ The existing Etobicoke Creek Trunk Sewers currently accept flow from a number of sub-trunks, including Biscayne (as noted above), Westcreek, West to East Diversion and local sewer connections. It is not technically feasible to extend these connections, in all cases, to the Kennedy Road alignment, thereby further decreasing operational flexibility of the solution for flow balancing between the three sewers. □ It is also noted that while the Kennedy Road Alternative has been identified for trenchless construction to minimize impact on the natural and socio-economic environment, tunneling shafts and construction compounds will be required along the routing, resulting in traffic disruption along a significant thoroughfare through the Region. As a result of these technical constraints and limitations, the Kennedy Road alignment does not provide a complete solution to the Problem Statement when compared to the recommended preferred solution of a Deep Trunk sewer installed along the alignment of the existing sewers.	**Noted**	No Further Response
2	It is TRCA policy that infrastructure avoid locating within the Natural System and that linear infrastructure cross perpendicular to the Natural System at the narrowest point (Section 7.4.4.1 of TRCA Living City Policies). Staff have concerns with potential repairs within this valley system as a result of exposure due to channel migration, erosion and scouring, some	The Region acknowledges TRCA policies regarding the location of infrastructure within the Natural system. Through Phase 3 of the Class Environmental Assessment, the preferred alternative will be developed further through the evaluation of alternative construction methodologies, to minimize impacts on the valley system. Furthermore, Phase 3 will also evaluate options for construction staging and shaft compounds, access for construction and long-term	The potential impact on the floodplain/natural environment due to grading of the access road/staging area along with dewatering and mitigation measures should be fully discussed within the ESR. Staff look forward to the review the draft ESR.	The ESR will include a comprehensive section on potential impacts due to the required construction activities. The preliminary design is being advanced concurrently with the development of the ESR so there will be sufficient detail in the design to identify the potential impacts and the mitigation measures required.

	of which may result in significant impacts to valley slopes through the construction of access roads. As the impacts of flooding, erosion, climate change, etc., continue to increase, new infrastructure proposed directly parallel to watercourses has potential to become at risk, require further emergency repairs and continue to cause further impacts on the natural features and hazards within valley systems. Should the Deep Trunk alignment move forward as the preferred alignment, Staff request further details that demonstrate the Region's best efforts to avoid TRCA's regulated areas including further consideration of adjustments to the Deep Trunk alignment.	operation and maintenance of the sewers, with the goal to minimize impacts on the natural and socio-economic environments.	Please note in the following in the draft ESR. An Environmental Impact Assessment will be required once shaft locations, grading, access, and staging and storage areas are finalized and the full impact to the NHS is identified. An arborist Report will be required to categorize all tress within the study area and identify those required for removal and/or impacts. This information is to be used to calculate restoration and compensation requirements.	The ESR will include statement defining the need for, and the requirement of, the Environmental Impact Assessment. The ESR will include statement defining the need for the arborists report.
3	Staff request the following be confirmed or that further clarification be provided through the EA process. a) Please confirm all sewer infrastructure will be placed on the east side of the existing pipe within the existing easement (opposite side of the watercourse) at the connection point near Dixie and Derry Road. b) Please provide further details for shaft location at Kennedy Road. Staff are concerns about impacts to TRCA regulated area (flooding, erosion etc.) c) Please provide further conceptual information related to construction staging, fill placement etc. or commitment to avoid impacts to flooding and erosion risk. d) Please provide further information regarding anticipated impacts from groundwater management required for open-trench excavation and tunnel and shaft construction such as lowering the water table and reducing groundwater flow into natural features. As the study progresses staff will confirm the need for an EMP.	For the south section of the proposed alignment, it is anticipated that the new sewer will be located to the east of the existing sewers, as noted, to facilitate connection to the existing sewers and the proposed EWD STS at Derry Road and reduce impact on the creek valley. The identification and assessment of potential impacts of construction and long-term operation of the sewer to be undertaken though Phase 3 of the Class EA will be undertaken similar to the assessment in Phase 2. This will include assessment of impacts on the natural environment, including the regulated areas, and hydrogeological impacts mentioned as well as technical considerations and the impact on the community. As with Phase 2, the results of the evaluation will be shared with TRCA at the conclusion of Phase 3	a) Addressed b) To be addressed c) To be addressed - The potential impact on the floodplain/natural environment due to grading of the access road/staging area along with dewatering and mitigation measures should be fully discussed within the ESR. Staff look forward to reviewing the draft ESR. d) To be addressed - Hydrogeology related concerns can be addressed at the detailed design when hydrogeology investigations have been completed.	a) no further response b) Details regrading the impacts of grading and any other construction activities related to the access and staging at shaft locations and any other construction related activities are described in the draft Phase 3 report which will be provided the TRCA. The Phase 3 report also includes recommendations for required mitigation measures. The potential impacts and required mitigation measures will be Further refined in the ESR as the preliminary design is being advanced. c) See answer for 3 b. d) impacts anticipated from construction on the hydrological environment including any required groundwater management that may impact the natural groundwater flow regime to natural features will be discussed in the ESR. Additional detailed EMPs related to groundwater will be discussed in the ESR and any requirements for the detailed design stage will be included.
4	It is the opinion of TRCA ecology staff that the natural system identified and assessed within the Natural Science Report by LGL Ltd. constitutes a significant contribution to the natural system in the Etobicoke Creek watershed. Any form of infrastructure proposed within the valley has numerous immediate impacts to the natural system as well as unidentified long-term repercussions. It is important to properly consider the protection of the ecological integrity of Core Areas of Peel s Greenland System. The above has not been fully assessed within the proposed alternative options evaluation criteria and should play a significant role in the selection of a preferred option. Please provide a comprehensive assessment of all options (may be focused on preferred and Kennedy Road alignments) including access and its associated impact to the natural system, impacts to connectivity within the valley land associated with permanent infrastructure, and future maintenance requirements. While initial cost for preferred options to go through the valley system may be favorably low, long-term impacts, both ecologically and economically, may prove to be significantly greater.	The assessment of impacts in Phase 3 of the Class EA will consider the Natural Environment as well as social environment and Technical Considerations based on feasible construction methodologies for the preferred alignment. The evaluation of impacts on the Natural Environment will be based on the completion of a Natural Sciences Report (NSR) by LGL that will document the natural heritage and more thoroughly assess the impact of the preferred solution, based on the proposed construction methodology. The report will identify appropriate mitigation recommendations to avoid or minimize the potential for impacts, both short and long-term that can be included with the assessment of impacts. The NSR will also identify the natural heritage related permits and/or approvals likely to be triggered by the implementation of the preferred design solution to identify additional studies to be undertaken during the detailed design phase, once final construction requirements are known. It is anticipated that this will include the development of Flood Plain Impact Assessment and geomorphological assessments.	**Noted**	Further documentation in regard to the assessment of impacts and mitigation measures is included in the Natural Science Report from May, in Section 5 and will be included and updated in the Phase 3 report and the ESR, both of which will be provided to the TRCA for review.

Ecology Comments				
5			TRCA recommends that the Environmental Assessment include the Significant Wildlife Habitat screening for the study area. Please provide in report.	The LGL report screening indicated that there were no designated Significant Wildlife Habitat areas in the study area. See Section 3.2 in the NSR.
6			The EA identified a swamp community, SWD4-1, is to be impacted by an open cut shaft location and appears to eliminate the community altogether. As swamp communities are extremely difficult to restore, TRCA recommends that options be explored to relocate Shaft 1 to avoid such complications and possible compensation requirements.	The location of Shaft 1 was selected based on an evaluation of opportunities and constraints against a number of other potential location and was preferred. There are further efforts under way in the preliminary design stage to minimize any potential impacts to SWD4-1 community.
7			Open cut areas proposed after shaft 5, as noted in Section 5 of the EA, include a crossing of the Etobicoke Creek, another crossing of one of its tributaries, and through an extensive portion of the Natural Heritage System associated with the Etobicoke Creek Valley. TRCA recommends trenchless technologies be implemented to avoid, reduce, and mitigate damage to the NHS.	Trenchless technologies have been adopted for construction of the alignment up to the east side of Dixie Rd. The final segment of the sewer downstream in segment 4 is too shallow for trenchless construction.
Geotechnical				
8			At this time, staff understand that the geotechnical design for the shafts and trenchless installation is preliminary, which will need to be developed during the deign in-progress. Please find below the high-level geotechnical requirements for the detailed design stage: 1. The trenchless installation will need to be designed using the available geotechnical information and recommendations in the geotechnical report. All pertinent design recommendations, monitoring of the surrounding areas (during construction and post-construction, where needed), and mitigative measures against hazards will need to be developed and presented in the design submission materials. 2. The shafts to stabilize the excavation will need to be designed and all engineering drawings will need to be provided as a design by qualified engineer. 3. The stabilization measures for the open-cut excavation will need to be provided to ensure that the surrounding areas will not be adversely impacted. All engineering details and specifications will nee dot be provided. 4. All disturbed areas including those because of the temporary excavations will need to be appropriately reconstructed/engineered to ensure that they remain long-term stable after the construction. All details and specifications will need to be provided accordingly. 5. All construction means and methods will need tom be further developed and shown on the drawings including the construction access, staging, strigae and stockpiling areas. Where, those area close to the slopes/banks, they will need a review by geotechnical engineer to ensure that there is no risk of destabilizing the slopes/banks. 6. For the construction access, if there is no to alter the surround areas and slopes during construction, those alterations will need to be shown on the drawings. Additionally, the	1) Geotechnical information is being gathered at the preliminary design stage to assist in the design and will include recommendations for mitigation of impacts monitoring as required and as understood at a preliminary design stage. Additonal geotechnical information will be collected during detailed design were required to further clarify design requirements, impacts and required mitigation measures. 2) Design drawings and any specifications will be developed by qualitfied engineers. 3) open-cut design methods will be described in the preliminary design report and further detailed at the deatiled design stage. 4) Details of construction and site work to be completed to address site restoration and long term site stability will be inlcuded in the preliminary design report and further described at the detailed design stage. 5) construction means and methods will be developed at the preliminary design stage and further defined at the detailed design stage to address issues of site stability and will be reviewed and approved by a qualified geotechnical engineer. 6) All areas of construction activity that result in potential alterations to slope stability will also have site stability measures defined for during construction for after construction defined.

			appropriate stabilization measures will need to be provided. Finally, the restoration and reconstruction of the altered areas will be needed to be provided to ensure the stability of the reconstructed areas in the long-term. 7. All engineering drawings will need to be developed showing all necessary details, dimensions, and specifications. The geotechnical review will be continued at the detailed design, once more design materials are available.	7) Engineering drawings for the construction of the required works will include all necessary details, dimentions and specifications at the level required for preliminary design and will be further refined during the detailed design stage.

Newton, Dorin

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Monday, September 26, 2022 9:42 AM
To: Mahood, Tom
Cc: Ponce Vanelli, Italia; Park, Daniel; Newton, Dorin
Subject: [EXTERNAL] RE: CFN 61367 TRCA Response to Submission 3, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Environmental Assessment

Hi Tom,

Thank you for the ongoing consultation. No comments at this time further to the table provided.

Staff look forward to the submission of draft ESR for review.

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

T: (437) 880-2436
C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca

Toronto and Region Conservation Authority

From: Mahood, Tom <Tom.Mahood@jacobs.com>
Sent: September 9, 2022 12:55 PM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Park, Daniel <Daniel.Park@jacobs.com>; Newton, Dorin <Dorin.Newton@jacobs.com>
Subject: RE: CFN 61367 TRCA Response to Submission 3, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Environmental Assessment

Hi Suzanne

Thank you again for the comments you provided. We have completed the responses to your latest comments and added them to the attached letter. I trust this will provide you with the information you need. If you have any questions or would like additional information please let us know.

Thanks,
Tom

Tom Mahood, P.Eng. | Jacobs |

O: 1.519.579.3500 x 73241 | M: 1.519.830.1404 | tom.mahood@jacobs.com
72 Victoria Street South, Suite 300 | Kitchener, ON N2G 4Y9 | Canada

---

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Tuesday, August 2, 2022 1:36 PM
To: Newton, Dorin <Dorin.Newton@jacobs.com>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Mahood, Tom <Tom.Mahood@jacobs.com>; Park, Daniel <Daniel.Park@jacobs.com>
Subject: [EXTERNAL] CFN 61367 TRCA Response to Submission 3, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Environmental Assessment

Hi Dorin,

Thank you for the resubmission of the NSR and the Geotech Report.

Please submit a cover letter, updated comment table including where in the report the updates that address TRCA comments have been provided. I can then review with technical staff and respond accordingly.

Should you have any concerns please contact me directly on my cell.

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

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C: (647) 924-5467
E: suzanne.bevan@trca.ca
A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca

Toronto and Region Conservation Authority

From: Newton, Dorin <Dorin.Newton@jacobs.com>
Sent: July 29, 2022 10:32 AM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Mahood, Tom <Tom.Mahood@jacobs.com>; Park, Daniel <Daniel.Park@jacobs.com>
Subject: RE: TRCA Response to Submission 3, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Environmental Assessment

Good morning Suzanne,

As mentioned in Italia's email, we have the revised Geotechnical Report. Please find it attached for your review.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
O:+01.437.780.2472 (Effective April 28, 2022) | M:+00.519.575.5585 | Dorin.Newton@jacobs.com
PTO Alert: August 9-29, 2022

From: Newton, Dorin
Sent: Wednesday, July 27, 2022 3:48 PM
To: 'Suzanne Bevan' <Suzanne.Bevan@trca.ca>
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>; Mahood, Tom <Tom.Mahood@jacobs.com>; Park, Daniel <Daniel.Park@jacobs.com>
Subject: RE: TRCA Response to Submission 3, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Environmental Assessment

Good afternoon Suzanne,

We've received your response and will address the comments you had appended. As per Italia's email on May 31, 2022, an addendum to the NSR was completed based on our refined design. I am attaching it here for your review. Please have a look and let us know if anything changes on your review comments.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering
O:+01.437.780.2472 (Effective April 28, 2022) | M:+00.519.575.5585 | Dorin.Newton@jacobs.com
PTO Alert: August 9-29, 2022

From: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Sent: Tuesday, July 5, 2022 3:41 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: [EXTERNAL] TRCA Response to Submission 3, Etobicoke Creek Trunk Sewer Improvements and Upgrades, Environmental Assessment

Hi Italia,

Please find TRCA correspondence attached.

I am sorry we couldn't provide comments by June 27. Should you have any questions please do not hesitate to contact me.

Staff look forward to reviewing the draft ESR.

Hope you are enjoying the summer weather!

Thank you,
Suzanne

Suzanne Bevan, B.Sc. (Hons), ENV SP
Senior Manager
Infrastructure Planning and Permits – Peel/York | Development and Engineering Services

T: (437) 880-2436
C: (647) 924-5467
E: suzanne.bevan@trca.ca

Toronto and Region Conservation Authority

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: May 31, 2022 2:27 AM
To: Suzanne Bevan <Suzanne.Bevan@trca.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: TRCA PACKAGE to review.

Sorry Suzanne, I forgot to mention about when we wants comments back. We are hoping to provide you with a copy of the revisd reports ASAP however if you could provide us comments on the material submitted by June 27 that will be great.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
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From: Ponce Vanelli, Italia
Sent: May 31, 2022 2:24 AM
To: Suzanne.Bevan@trca.ca
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: FW: TRCA PACKAGE to review.

Hi Suzanne

Thank you for attending the meeting on May 3 and providing us with comments on the material presented. As promised, below is the link to several of the documents for TRCA to review for the Etobicoke Creek Trunk Sewer EA:

-Natural environmental Report
-archeological Reports
-detailed evaluation for design concepts
-detailed evaluation for Biscayne connection

Please note that the natural environment and archaeological assessment reports are being revised based on the refinements of the alignment and shaft locations. Also the geotechnical report completed by WSP is also being finalized (draft was submitted to us) so we will be provide the final report along with revised reports as soon as they become available. Although these reports are being revised, the comments do not change the outcome of our decision for the preferred construction methodology for Segment 3.

I have also included the PIC 2 boards for review as well as the Region's response to your previous comments (phase 2) for reference. The minutes of our meeting have also been attached.

Studies

Evaluation

Lastly, I am on vacation this week however I have copied Dorin Newton in this email in the event you require additional information or in case the link to the reports do not work.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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Etobicoke Creek
Hartford Trail
Kennedy Rd
Kennedy Rd S
Etobicoke Creek Trail
Etobicoke Creek
Casper Crescent
Sifford Ct
Kennedy Rd S
Kennedy Rd
The Police Credit Union
Sam Rayson Valley
Casper Crescent
Etobicoke Creek
Kennedy Rd S
Brampton Rugby Union Football
Etobicoke Creek

Newton, Dorin/TOR

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, November 15, 2021 7:50 PM
To: Field Coordinator; Adrian Blake
Cc: Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: [EXTERNAL] Re: ECTS Fieldwork Nov 15-16

Hi Mariah,

Message received and understood. We look forward to working with Shawn tomorrow.

Have a great night,

Blake

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From: Field Coordinator <field.coordinator@mncfn.ca>
Sent: Monday, November 15, 2021, 7:43 p.m.
To: Blake Williams; Adrian Blake
Cc: Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: RE: ECTS Fieldwork Nov 15-16

Hey Blake,

The following FLR will be attending site.

Shawn Sault (519-761-9293)

Thank you kindly,

Mariah Sault (she/her)
Field Coordinator

Mississaugas of the Credit First Nation (MCFN)
Department of Consultation and Accommodation (DOCA)
4065 Highway 6 North, Hagersville, ON N0A 1H0
Web: www.mncfn.ca
Facebook: Mississaugas of the Credit First Nation
Cell: 905-870-2918

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From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, November 15, 2021 7:29 PM
To: Adrian Blake <Adrian.Blake@mncfn.ca>; Field Coordinator <field.coordinator@mncfn.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: RE: ECTS Fieldwork Nov 15-16

Hi Mariah,

As requested in a separate email here is the information for the ECTS project again. There was a change with the Field Director, I will change that bellow

Our COVID policy hasn't changed but I can resend it again if you'd like.

Cheers,

From: Blake Williams
Sent: Monday, November 8, 2021 3:15 PM
To: Adrian Blake <Adrian.Blake@mncfn.ca>; field.coordinator@mncfn.ca
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: ECTS Fieldwork Nov 15-16

Hi Adrian and Marlene,

Here is the information for Etobicoke Creek Trunk Sewer Project, ASI file 20EA-212. It is my understanding that the Region of Peel has an agreement signed with MCFN.

Start Date: November 15
# of days anticipated for fieldwork: 2
Start Time: 8 AM
Consultant Company: ASI
Field Director(s) and Cell Phone(s): FD is Emily Meikle 416-859-3340
Stage of Fieldwork: 2
Borden Number (if applicable): There is a Woodland site ("Sniper" Site) AkGw-79 within 300 m of one of the work area. This site was subjected to 37 sq m units excavated and 400 sq m of machine stripping in the 90s. No comments on if further work is recommended.
Required PPE: High viz vest, steel toed boots and COVID PPE like masks, hand sanitizer etc
Meeting Location Address: Police Credit Unit at 7725 Kennedy Road as parking looks dangerous along Kennedy. See attached parking map.
Size of Field Crew: 3

Please send over the name of the FLR and their cell phone number when you can. We look forward to working with you on this project!

Thanks,

Blake Williams (He/Him), **MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division
Cell: 647-216-5725

ASI • Providing Archaeological & Cultural Heritage Services
BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Newton, Dorin/TOR

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, November 15, 2021 2:17 PM
To: Adrian Blake; field.coordinator@mncfn.ca
Cc: Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: [EXTERNAL] Re: ECTS Fieldwork Nov 15-16

Hi Adrian and Mariah,

I didn't receive a response for my email dated November 8. No FLRs reached out or joined us today. Would you like us to file a form using a DOCA file number for today?

Do you know if an FLR be joining us on-site tomorrow or would you be interested in reviewing our report?

Cheers,

Blake

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From: Blake Williams
Sent: Monday, November 8, 2021 3:14:50 PM
To: Adrian Blake <Adrian.Blake@mncfn.ca>; field.coordinator@mncfn.ca <field.coordinator@mncfn.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: ECTS Fieldwork Nov 15-16

Hi Adrian and Marlene,

Here is the information for Etobicoke Creek Trunk Sewer Project, ASI file 20EA-212. It is my understanding that the Region of Peel has an agreement signed with MCFN.

Start Date: November 15
# of days anticipated for fieldwork: 2
Start Time: 8 AM
Consultant Company: ASI
Field Director(s) and Cell Phone(s): FD is Brandon Reimer 647-549-0676
Stage of Fieldwork: 2
Borden Number (if applicable): There is a Woodland site (“Sniper” Site) AkGw-79 within 300 m of one of the work area. This site was subjected to 37 sq m units excavated and 400 sq m of machine stripping in the 90s. No comments on if further work is recommended.
Required PPE: High viz vest, steel toed boots and COVID PPE like masks, hand sanitizer etc
Meeting Location Address: Police Credit Unit at 7725 Kennedy Road as parking looks dangerous along Kennedy. See attached parking map.
Size of Field Crew: 3

Please send over the name of the FLR and their cell phone number when you can. We look forward to working with you on this project!

Thanks,

Blake Williams (He/Him)**, MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division
Cell: 647-216-5725

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BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Newton, Dorin/TOR

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, November 15, 2021 7:29 PM
To: Adrian Blake; field.coordinator@mncfn.ca
Cc: Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: [EXTERNAL] RE: ECTS Fieldwork Nov 15-16
Attachments: ECTS_ParkingLocation.jpg

Hi Mariah,

As requested in a separate email here is the information for the ECTS project again. There was a change with the Field Director, I will change that bellow

Our COVID policy hasn't changed but I can resend it again if you'd like.

Cheers,

From: Blake Williams
Sent: Monday, November 8, 2021 3:15 PM
To: Adrian Blake <Adrian.Blake@mncfn.ca>; field.coordinator@mncfn.ca
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: ECTS Fieldwork Nov 15-16

Hi Adrian and Marlene,

Here is the information for Etobicoke Creek Trunk Sewer Project, ASI file 20EA-212. It is my understanding that the Region of Peel has an agreement signed with MCFN.

Start Date: November 15
# of days anticipated for fieldwork: 2
Start Time: 8 AM
Consultant Company: ASI
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Stage of Fieldwork: 2
Borden Number (if applicable): There is a Woodland site ("Sniper" Site) AkGw-79 within 300 m of one of the work area. This site was subjected to 37 sq m units excavated and 400 sq m of machine stripping in the 90s. No comments on if further work is recommended.
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Thanks,

Blake Williams (He/Him)**, MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division

Cell: 647-216-5725

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Sifford Ct
Kennedy Rd S
Kennedy Rd
The Police Credit Union
Sam Rayson Valley
Casper Crescent
Etobicoke Creek
Kennedy Rd S
Brampton Rugby Union Football
Etobicoke Creek

Newton, Dorin/TOR

From: Field Coordinator <field.coordinator@mncfn.ca>
Sent: Monday, November 15, 2021 7:53 PM
To: Blake Williams; Adrian Blake
Cc: Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: [EXTERNAL] RE: ECTS Fieldwork Nov 15-16

Thank you Blake,

We're having technical issues with some of our software this evening.
That being said I hope you have a wonderful evening.

Thank you,

Mariah Sault (she/her)
Field Coordinator

Mississaugas of the Credit First Nation (MCFN)
Department of Consultation and Accommodation (DOCA)
4065 Highway 6 North, Hagersville, ON N0A 1H0
Web: www.mncfn.ca
Facebook: Mississaugas of the Credit First Nation
Cell: 905-870-2918

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From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, November 15, 2021 7:50 PM
To: Field Coordinator <field.coordinator@mncfn.ca>; Adrian Blake <Adrian.Blake@mncfn.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: Re: ECTS Fieldwork Nov 15-16

Hi Mariah,

Message received and understood. We look forward to working with Shawn tomorrow.

Have a great night,

Blake

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From: Field Coordinator <field.coordinator@mncfn.ca>
Sent: Monday, November 15, 2021, 7:43 p.m.
To: Blake Williams; Adrian Blake
Cc: Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: RE: ECTS Fieldwork Nov 15-16

Hey Blake,

The following FLR will be attending site.

Shawn Sault (519-761-9293)

Thank you kindly,

Mariah Sault (she/her)
Field Coordinator

Mississaugas of the Credit First Nation (MCFN)
Department of Consultation and Accommodation (DOCA)
4065 Highway 6 North, Hagersville, ON N0A 1H0
Web: www.mncfn.ca
Facebook: Mississaugas of the Credit First Nation
Cell: 905-870-2918

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From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, November 15, 2021 7:29 PM
To: Adrian Blake <Adrian.Blake@mncfn.ca>; Field Coordinator <field.coordinator@mncfn.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: RE: ECTS Fieldwork Nov 15-16

Hi Mariah,

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Our COVID policy hasn't changed but I can resend it again if you'd like.

Cheers,

From: Blake Williams
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Hi Adrian and Marlene,

Here is the information for Etobicoke Creek Trunk Sewer Project, ASI file 20EA-212. It is my understanding that the Region of Peel has an agreement signed with MCFN.

Start Date: November 15
# of days anticipated for fieldwork: 2
Start Time: 8 AM
Consultant Company: ASI
Field Director(s) and Cell Phone(s): FD is Emily Meikle 416-859-3340
Stage of Fieldwork: 2
Borden Number (if applicable): There is a Woodland site ("Sniper" Site) AkGw-79 within 300 m of one of the work area. This site was subjected to 37 sq m units excavated and 400 sq m of machine stripping in the 90s. No comments on if further work is recommended.
Required PPE: High viz vest, steel toed boots and COVID PPE like masks, hand sanitizer etc
Meeting Location Address: Police Credit Unit at 7725 Kennedy Road as parking looks dangerous along Kennedy. See attached parking map.
Size of Field Crew: 3

Please send over the name of the FLR and their cell phone number when you can. We look forward to working with you on this project!

Thanks,

Blake Williams (He/Him)**, MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division
Cell: 647-216-5725

ASI • Providing Archaeological & Cultural Heritage Services
BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Newton, Dorin/TOR

From: Field Coordinator <field.coordinator@mncfn.ca>
Sent: Monday, November 15, 2021 7:44 PM
To: Blake Williams; Adrian Blake
Cc: Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: [EXTERNAL] RE: ECTS Fieldwork Nov 15-16

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The following FLR will be attending site.

Shawn Sault (519-761-9293)

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Mariah Sault (she/her)
Field Coordinator

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Department of Consultation and Accommodation (DOCA)
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528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Newton, Dorin/TOR

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Tuesday, November 16, 2021 12:06 PM
To: Field Coordinator; Adrian Blake
Cc: Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: [EXTERNAL] RE: ECTS Fieldwork Nov 15-16

Hi Mariah,

No problem at all! Is there a DOCA code I can pass along to the Field Director?

Cheers,

Blake Williams (He/Him)**, MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division
Cell: 647-216-5725

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From: Field Coordinator <field.coordinator@mncfn.ca>
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To: Blake Williams <bwilliams@asiheritage.ca>; Adrian Blake <Adrian.Blake@mncfn.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: RE: ECTS Fieldwork Nov 15-16

Hey Blake,

If its not too much to ask, yes please! 😊

Thank you kindly,

Mariah Sault (she/her)
Field Coordinator
Mississaugas of the Credit First Nation (MCFN)
Department of Consultation and Accommodation (DOCA)
4065 Highway 6 North, Hagersville, ON N0A 1H0
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Subject: RE: ECTS Fieldwork Nov 15-16

Hi Mariah,

Thanks for the update. No worries, hopefully Shawn feels better soon.

Our project number for this is 20EA-212. Would you like the field director to file a DOCA field form today?

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Subject: RE: ECTS Fieldwork Nov 15-16 [V]

Good morning Blake,

Unfortunately, Shawn Sault will not be able to make it onto site today. I do apologize.
Can you please send us a project number for ECTS Ie. (2000-0000)

Thank you kindly,

Mariah Sault (she/her)
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Thanks,

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Lead Archaeologist | Project Manager • Environmental Assessment Division
Cell: 647-216-5725

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4065 Highway 6 North, Hagersville, ON N0A 1H0

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Newton, Dorin/TOR

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Sent: Tuesday, November 16, 2021 1:18 PM
To: Blake Williams; Adrian Blake
Cc: Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: [EXTERNAL] RE: ECTS Fieldwork Nov 15-16

Hey Blake,

I believe the project number your looking for is 2020-0737
Hope that helps.

Kind regards,

Mariah Sault (she/her)
Field Coordinator

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Department of Consultation and Accommodation (DOCA)
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Newton, Dorin/TOR

From: Field Coordinator <field.coordinator@mncfn.ca>
Sent: Tuesday, November 16, 2021 11:56 AM
To: Blake Williams; Adrian Blake
Cc: Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: [EXTERNAL] RE: ECTS Fieldwork Nov 15-16

Hey Blake,

If its not too much to ask, yes please! 😊

Thank you kindly,

Mariah Sault (she/her)
Field Coordinator

Mississaugas of the Credit First Nation (MCFN)
Department of Consultation and Accommodation (DOCA)
4065 Highway 6 North, Hagersville, ON N0A 1H0
Web: www.mncfn.ca
Facebook: Mississaugas of the Credit First Nation
Cell: 905-870-2918

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From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Tuesday, November 16, 2021 11:43 AM
To: Field Coordinator <field.coordinator@mncfn.ca>; Adrian Blake <Adrian.Blake@mncfn.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: RE: ECTS Fieldwork Nov 15-16

Hi Mariah,

Thanks for the update. No worries, hopefully Shawn feels better soon.

Our project number for this is 20EA-212. Would you like the field director to file a DOCA field form today?

Cheers,

Blake Williams (He/Him)**, MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division

Cell: 647-216-5725

ASI • Providing Archaeological & Cultural Heritage Services
BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

---

From: Field Coordinator <field.coordinator@mncfn.ca>
Sent: Tuesday, November 16, 2021 9:38 AM
To: Blake Williams <bwilliams@asiheritage.ca>; Adrian Blake <Adrian.Blake@mncfn.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: RE: ECTS Fieldwork Nov 15-16 [V]

Good morning Blake,

Unfortunately, Shawn Sault will not be able to make it onto site today. I do apologize.
Can you please send us a project number for ECTS Ie. (2000-0000)

Thank you kindly,

Mariah Sault (she/her)
Field Coordinator
Mississaugas of the Credit First Nation (MCFN)
Department of Consultation and Accommodation (DOCA)
4065 Highway 6 North, Hagersville, ON N0A 1H0
Web: www.mncfn.ca
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From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, November 15, 2021 7:50 PM
To: Field Coordinator <field.coordinator@mncfn.ca>; Adrian Blake <Adrian.Blake@mncfn.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: Re: ECTS Fieldwork Nov 15-16

Hi Mariah,

Message received and understood. We look forward to working with Shawn tomorrow.

Have a great night,

Blake

Get Outlook for Android

From: Field Coordinator <field.coordinator@mncfn.ca>
Sent: Monday, November 15, 2021, 7:43 p.m.
To: Blake Williams; Adrian Blake
Cc: Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: RE: ECTS Fieldwork Nov 15-16

Hey Blake,

The following FLR will be attending site.

Shawn Sault (519-761-9293)

Thank you kindly,

Mariah Sault (she/her)
Field Coordinator

Mississaugas of the Credit First Nation (MCFN)
Department of Consultation and Accommodation (DOCA)
4065 Highway 6 North, Hagersville, ON N0A 1H0
Web: www.mncfn.ca
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From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, November 15, 2021 7:29 PM
To: Adrian Blake <Adrian.Blake@mncfn.ca>; Field Coordinator <field.coordinator@mncfn.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: RE: ECTS Fieldwork Nov 15-16

Hi Mariah,

As requested in a separate email here is the information for the ECTS project again. There was a change with the Field Director, I will change that bellow

Our COVID policy hasn't changed but I can resend it again if you'd like.

Cheers,

From: Blake Williams
Sent: Monday, November 8, 2021 3:15 PM
To: Adrian Blake <Adrian.Blake@mncfn.ca>; field.coordinator@mncfn.ca
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: ECTS Fieldwork Nov 15-16

Hi Adrian and Marlene,

Here is the information for Etobicoke Creek Trunk Sewer Project, ASI file 20EA-212. It is my understanding that the Region of Peel has an agreement signed with MCFN.

Start Date: November 15
# of days anticipated for fieldwork: 2
Start Time: 8 AM
Consultant Company: ASI
Field Director(s) and Cell Phone(s): FD is Emily Meikle 416-859-3340
Stage of Fieldwork: 2
Borden Number (if applicable): There is a Woodland site ("Sniper" Site) AkGw-79 within 300 m of one of the work area. This site was subjected to 37 sq m units excavated and 400 sq m of machine stripping in the 90s. No comments on if further work is recommended.
Required PPE: High viz vest, steel toed boots and COVID PPE like masks, hand sanitizer etc
Meeting Location Address: Police Credit Unit at 7725 Kennedy Road as parking looks dangerous along Kennedy. See attached parking map.
Size of Field Crew: 3

Please send over the name of the FLR and their cell phone number when you can. We look forward to working with you on this project!

Thanks,

Blake Williams (He/Him), **MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division
Cell: 647-216-5725

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BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

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From: Field Coordinator <field.coordinator@mncfn.ca>
Sent: Tuesday, November 16, 2021 9:38 AM
To: Blake Williams; Adrian Blake
Cc: Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: [EXTERNAL] RE: ECTS Fieldwork Nov 15-16

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Unfortunately, Shawn Sault will not be able to make it onto site today. I do apologize.
Can you please send us a project number for ECTS Ie. (2000-0000)

Thank you kindly,

Mariah Sault (she/her)
Field Coordinator

Mississaugas of the Credit First Nation (MCFN)
Department of Consultation and Accommodation (DOCA)
4065 Highway 6 North, Hagersville, ON N0A 1H0
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Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: Re: ECTS Fieldwork Nov 15-16

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Have a great night,

Blake

Get Outlook for Android

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To: Blake Williams; Adrian Blake
Cc: Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: RE: ECTS Fieldwork Nov 15-16

Hey Blake,

The following FLR will be attending site.

Shawn Sault (519-761-9293)

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Mariah Sault (she/her)
Field Coordinator

Mississaugas of the Credit First Nation (MCFN)
Department of Consultation and Accommodation (DOCA)
4065 Highway 6 North, Hagersville, ON N0A 1H0
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Subject: RE: ECTS Fieldwork Nov 15-16

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Our COVID policy hasn't changed but I can resend it again if you'd like.

Cheers,

From: Blake Williams
Sent: Monday, November 8, 2021 3:15 PM
To: Adrian Blake <Adrian.Blake@mncfn.ca>; field.coordinator@mncfn.ca
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Subject: ECTS Fieldwork Nov 15-16

Hi Adrian and Marlene,

Here is the information for Etobicoke Creek Trunk Sewer Project, ASI file 20EA-212. It is my understanding that the Region of Peel has an agreement signed with MCFN.

Start Date: November 15
# of days anticipated for fieldwork: 2
Start Time: 8 AM
Consultant Company: ASI
Field Director(s) and Cell Phone(s): FD is Emily Meikle 416-859-3340
Stage of Fieldwork: 2
Borden Number (if applicable): There is a Woodland site ("Sniper" Site) AkGw-79 within 300 m of one of the work area. This site was subjected to 37 sq m units excavated and 400 sq m of machine stripping in the 90s. No comments on if further work is recommended.
Required PPE: High viz vest, steel toed boots and COVID PPE like masks, hand sanitizer etc
Meeting Location Address: Police Credit Unit at 7725 Kennedy Road as parking looks dangerous along Kennedy. See attached parking map.
Size of Field Crew: 3

Please send over the name of the FLR and their cell phone number when you can. We look forward to working with you on this project!

Thanks,

Blake Williams (He/Him)**, MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division
Cell: 647-216-5725

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BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 10, 2020 1:25 PM
To: Newton, Dorin/TOR
Cc: Jones, Lee Anne/TOR
Subject: [EXTERNAL] FW: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades
Attachments: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades.pdf

See attached. From Mississaugas of the New Credit First Nation.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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From: Fawn Sault <Fawn.Sault@mncfn.ca>
Sent: December 9, 2020 12:56 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Megan DeVries <Megan.DeVries@mncfn.ca>; Darin Wybenga <Darin.Wybenga@mncfn.ca>
Subject: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Dear Italia,

Please see the attached letter regarding your project EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Miigwech,

Fawn Sault
Consultation Coordinator
Mississaugas of the Credit First Nation
4065 Hwy. 6, Hagersville, N0A 1H0
Website: http://mncfn.ca/
Ph: 905-768-4260
Cell:289-527-6580

Holiday alert: Please note that DOCA will be closed from December 18th to January 3rd

DEPARTMENT OF
CONSULTATION AND ACCOMMODATION

December 9,2020

VIA EMAIL

Italia Pone, P.Eng. Project Manager
10 Peel Centre Drive, Brampton
italia.ponce@peelregion.ca

Dear Italia,

RE: MCFN Response to Environmental Assessment Study
Etobicoke Creek Trunk Sewer Improvements and Upgrades

Confirmation of Receipt
I am writing on behalf of the Mississaugas of the Credit First Nation ("MCFN") to acknowledge that we have received your above named communication, dated December 9,2020 .

Outline of MCFN Rights and Territory
In 1818 , the Crown and MCFN entered into Ajetance Treaty, No. 19 (1818) regarding the lands in which your project is situated.

The Mississaugas of the Credit First Nation are the descendants of the "River Credit" Mississaugas. The undisputed Territory of the MCFN is defined as a Territory commencing at Long Point on Lake Erie thence eastward along the shore of the Lake to the Niagara River. Then down the River to Lake Ontario, northward along the shore of the Lake to the River Rouge east of Toronto then up that river to the dividing ridges to the head waters of the River Thames then southward to Long Point, the place of the beginning. Our Territory encompasses the lands and waters that were used and occupied by our Ancestors. Territories are usually large tracts of land that reflect the breadth required for seasonal activities and habitation and changes in those movement patterns through time. Through Treaties with the Crown, MCFN agreed to share our Territory with newcomers. However, not all of MCFN's Territory has been dealt with through a Treaty.

With the exception of a small part of the Credit River, our Treaties with the Crown did not deal with the water parts of our Territory. We have not agreed to share any part of our waters with settlers. We formally gave notice to the Crown of this claim in 2016. We note that any lands that have been artificially created on our waters have also not been dealt with by any Treaty.

Like our ancestors before us, we continue to use the lands, waters, and watershed ecosystems within our Territory for a variety of livelihood, harvesting, ceremonial and spiritual purposes. We have always exercised governance functions and stewardship in order to protect our Territory, conserve the fish and wildlife that depend upon it, and ensure its ongoing ability to sustain our people. We assert that our Aboriginal and treaty rights fundamentally entitle us to continue to act as stewards of our Territory, to be involved in decisions that affect it, and to participate in the ongoing, responsible management of the resources it provides.

Duty to Consult and Accommodate

As you will know, the Crown has a constitutional duty to consult and accommodate MCFN in respect of any decisions that might affect its asserted or proven Aboriginal and/or Treaty Rights. We expect that, consistent with the Crown's constitutional duty, no approval should be issued to this project until MCFN has been sufficiently consulted and accommodated. Nothing in this letter shall be construed as to affect our Aboriginal and/or Treaty Rights and hence shall not limit any consultation and accommodation owed to MCFN by the Crown or any proponent, as recognized by section 35 of the Constitution Act, 1982.

MCFN has the right to free and informed consent prior to the approval of any project or any planning decision adversely impacting its Territory and to benefit economically from resource development within its Territory.

MCFN has formed the Department of Consultation and Accommodation ("DOCA") to represent its interests in consultation and accommodation matters. It is DOCA's mandate to ensure that we are directly involved in all planning and development that impacts the integrity of our Territory. In this regard, DOCA will assess and help alleviate impacts on our rights, land claims, and ways of life by building relationships with governments and private sector proponents. We share a mutual interest in ensuring that projects in the Territory are planned, reviewed, and developed in a manner which ensures healthy communities, ecological protection, and sustainable development for present and future generations in the Territory.

MCFN is not opposed to development, but MCFN must to be involved in development decision making. MCFN has a deep connection to its Territory and we have a stewardship responsibility for our land. By engaging with us, a project proponent can learn our perspective on how to care for this land and we can work together to shape the project to mitigate damaging effects to our land and perhaps even work to improve our environment. MCFN is the only party who shall determine whether there are impacts to our Aboriginal and treaty rights.

One of the ways we require proponents to engage with us is in providing transparency during the environmental survey and archaeological assessment process. The best way to accomplish this is by having Field Liaison Representatives ("FLRs") on location while fieldwork is occurring, who can ensure that the Nation's special interests and concerns are respected and considered during fieldwork. The cultural and natural resources in question are part of MCFN's territory and heritage and it is our responsibility to ensure their protection, on behalf of the Nation. MCFN's stewardship of its territory extends through the life of any development project and beyond.

DOCA Project Registration

DOCA has completed an initial intake review of the project communication you have provided. This file has been assigned DOCA Project 2020-0737 ; please use this number in all future communications.

We respectfully ask you to immediately notify us if there are any changes to the project.

Referral to DOCA Units

Following DOCA's initial intake review of the project communication, the file has been referred to the following DOCA Units for additional follow-up.

	Unit Identification	Primary Contact	Email Address
✔	Archaeology	Megan DeVries	megan.devries@mncfn.ca
✔	Cultural/Historical	Darin Wybenga	darin.wybenga@mncfn.ca
✔	Environment	Fawn Sault (Temp)	fawn.sault@mncfn.ca
✔	FLR Participation	Megan DeVries	megan.devries@mncfn.ca
	Governance	Mark LaForme	mark.laforme@mncfn.ca
	Economic Development	Director	SED.Director@mncfn.ca

If you have not been contacted by the indicated DOCA Units within fourteen days following receipt of this letter, please let me know.

Request for Missing Information

In order to proceed with our follow-up review, we ask you to ensure that all available information relating to the project has been transmitted to us. We have identified the following general information as missing from your initial project communication:

	Outstanding Project Information
✔	Name of person or body undertaking the action or decision.
✔	Contact information for the person or body undertaking the action or decision.
✔	List of documents pertaining to the proposed action/decision that are available for MCFN to review.
✔	Description of what other information is expected to become available before the proposed action/decision is undertaken.
✔	Deadlines or filing dates pertaining to the action/decision.
✔	The Crown or Municipal review/ approval that is required for the project.
✔	How the proposed action or decision may affect and/or benefit MCFN, its rights and territory.

Closing

We ask that you respond with the above requested information within fourteen days following receipt of this letter. We thank you in advance for your attention to our requirements and we look forward to working with you further to shape the planning for development in our Territory.

Sincerely,

Fawn Sault
Consultation Coordinator
fawn.sault@mncfn.ca

Archaeological Review Agreement between:
The Mississaugas of the Credit First Nation ("MCFN")
and
[name of the proponent]

A - Background

1. The purpose of this agreement is to provide the Mississaugas of the Credit First Nation (hereinafter, "MCFN") with capacity assistance to review reports and other materials in connection with all archaeological assessments required for the [name of project] (hereinafter, "the Project") located at [address], in [town/city], Ontario, owned by [name of the proponent], (hereinafter, "the Proponent").

2. The Proponent understands that MCFN wishes its designated representatives at the Department of Consultation and Accommodation (hereinafter, "DOCA") to provide timely and meaningful comment on the Project via its established review process.

3. The Proponent, or their consultant(s), will therefore provide all reports in draft form to MCFN (via DOCA) for review and comment prior to their submission to other approval or regulatory authorities. The Proponent and their consultant(s) agree to provide reasonable and adequate time for MCFN to complete its review and provide comments on draft reports. MCFN is unable to review of any material in less than one week.

4. For archaeological assessments, the Proponent agrees that their consultant(s) will provide, if applicable, both the Supplementary Documentation and the Indigenous Engagement report alongside the draft archaeological report. The Indigenous Engagement report must contain the consultant's full account of MCFN's participation in and comments on the archaeological assessment.

5. For archaeological assessments, the Proponent agrees that no new fieldwork will commence until MCFN has completed its review and has provided comments on the previous Stage of assessment.

6. MCFN agrees that MCFN representatives will have appropriate qualifications for the work required – for example, education in environmental and/or archaeological assessments – and experience in bridging Indigenous perspectives with Western approaches, as reasonably determined by MCFN.

B – Fees and Cost Structure

7. The Proponent will provide capacity funding for the designated DOCA staff representative in the amount of $150.00 per hour for all activities relating to review of Project materials.

8. If MCFN is of the view, that designated DOCA staff are unable to complete a comprehensive technical review of Project materials, the Proponent agrees to pay costs incurred by MCFN to retain an external expert in the appropriate field to be chosen at MCFN's sole discretion. The Parties agree that a review by an external expert will commence following mutual acceptance by both Parties of an estimate of work provided by the expert.

C – Additional Conditions

9. All archaeological work in connection with any Project in the Territory will be carried out in accordance with the *Ontario Heritage Act* and its Regulations. The Archaeological work will meet or exceed the Ontario Ministry of Heritage, Sport, Tourism, and Culture Industries (hereinafter, "MHSTCI") standards and guidelines for consultant archaeologists as amended, including the *Terms and Conditions for Archaeological Licences, Standards and Guidelines for Consultant Archaeologists (2011)* and the Draft *Engaging Aboriginal Communities in Archaeology Technical Bulletin (2011),* (hereinafter collectively, "MHSTCI Standards 2011").

10. The Proponent agrees that all archaeological work conducted for the Project will comply with the MCFN *Standards and Guidelines for Archaeology* (published April 2, 2018), (hereinafter, "MCFN Standards") as long as the MCFN Standards do not fall below MHSTCI Standards 2011. The MHSTCI Standards 2011 will be paramount in the event of a direct conflict between MCFN Standards and the MHSTCI Standards 2011.

11. The Proponent shall make best efforts to avoid and protect archaeological sites, artifacts, and/or features. The Parties agree that the preferred option for human remains that may be of Aboriginal ancestry is that they remain where they are found with appropriate protections.

12. If archaeological resources are encountered at any time during construction or other Project-related activity, all excavation or other activity that could disturb the site shall immediately cease, and the Proponent shall immediately notify MCFN's duly appointed Archaeological Operations Supervisor or designate. The Parties shall work

collaboratively to minimize impacts and ensure respectful treatment of any archaeological resources in accordance with the practices and values of MCFN as identified by MCFN.

13. If human remains are encountered at any time during construction or other Project-related activity, the following steps shall be taken:
    a. All excavation or other activity that could disturb the site shall immediately cease, and the area shall be secured in a manner which protects the site location and prevents public access and trespass; and
    b. In addition to any notifications required under the *Funeral, Burial and Cremation Services Act, 2002,* SO 2002, C 33, the Proponent shall immediately contact MCFN's duly appointed Archaeological Operations Supervisor or designate; and
    c. MCFN shall be permitted to conduct any ceremonies on site in relation to the human remains that may be of Aboriginal ancestry; and
    d. MCFN shall be consulted about all steps in the investigation and any decisions or agreements to be made regarding human remains that may be of Aboriginal ancestry.

14. Nothing in this Agreement shall be interpreted or implemented so as to derogate or abrogate from any MCFN Aboriginal or Treaty right or claim, or to indicate consent to the Project.

D - Method of Payment

15. The Parties agree that the Proponent will pay the capacity funding as agreed to above by cheque or bank transfer and upon receipt of an invoice from MCFN. All invoices will be addressed directly to the Proponent, the Project will be noted in the text of each invoice, and all invoices will be prepared as per MCFN-DOCA's standard invoicing format. Invoices should be submitted electronically to the following address:

    Email address: [insert email address here]
    Attention: [insert name here]
    [name of the proponent]
    [phone number of proponent]
    [full address of proponent]

16. All payment should be made to the MCFN Department of Consultation and Accommodation to the following address. For additional information, please call the office at 905-768-4260.

    Email address: nicole.laforme-hess@mncfn.ca
    Attention: MCFN-DOCA

4065 Highway 6
Hagersville, Ontario
N0A 1H0

17. After thirty [30] days, a 5% monthly compounded interest rate will be charged on outstanding invoices. After six [6] months of non-payment, a 20% monthly compounded interest rate will be charged on outstanding invoices.

F – Disclaimer

18. The Parties agree that the capacity funding payments for the FLRs will be used only for the purposes described in this Agreement and will not be paid for the improper personal gain of any individual or for any other purpose that might violate any Canadian anti-corruption law.

19. This agreement may be executed in counterparts.

20. This agreement is legally binding on MCFN and the Proponent.

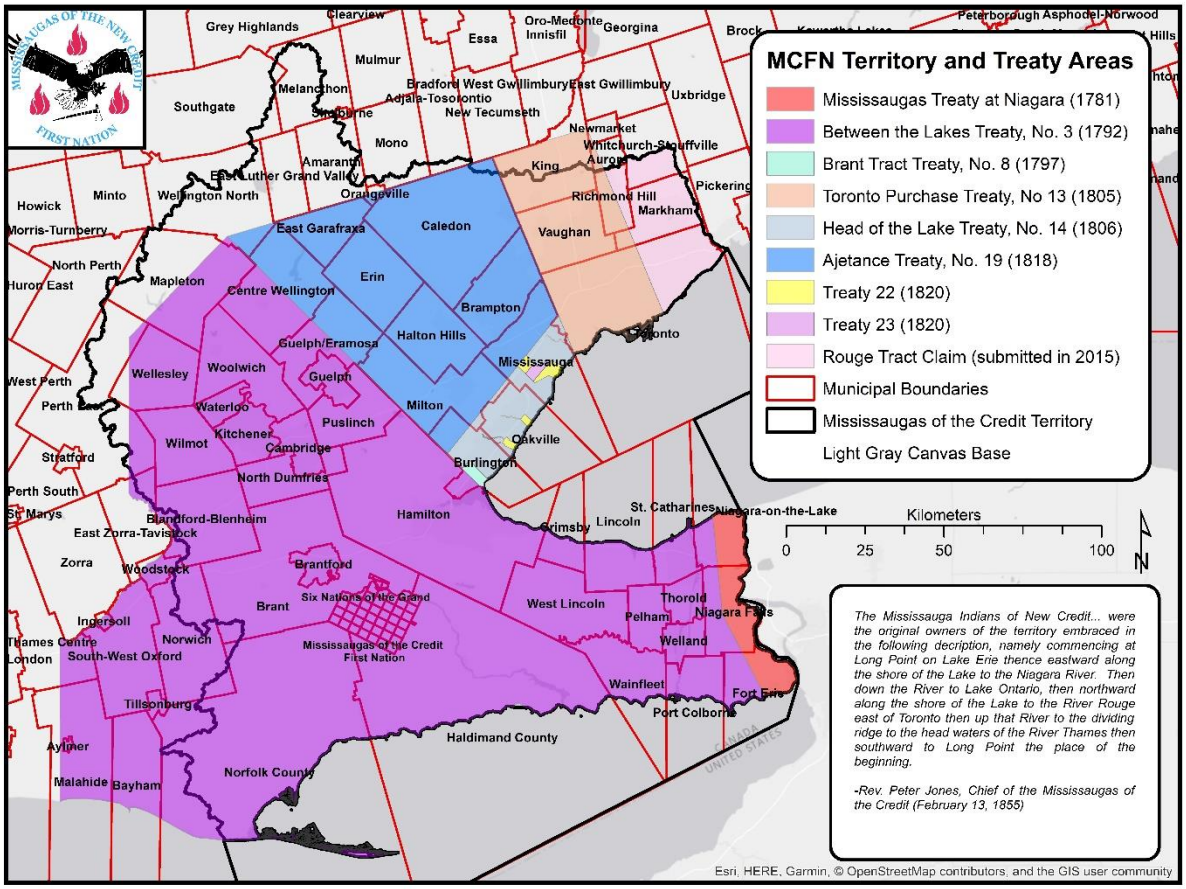
21. The term of this agreement is from April 1, 2020 to March 31, 2021. In the event that Project-related activities requiring FLR participation continue past this termination date, a new agreement will be executed between Parties.

[The remainder of this page is intentionally left blank.]

Signed this _____ day of _____, 2020,

_____	_____
Authorized Signatory on behalf of The Proponent	Authorized Signatory on behalf of Mississaugas of the Credit First Nation
[printed name of signatory] [job title] [department] [name of the proponent]	Mark LaForme Director Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation
_____	_____
Witness	Witness
[printed name of witness] [job title] [department] [name of the proponent]	Megan DeVries Archaeological Operations Supervisor Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation

Schedule A



Municipalities within Mississaugas of the Credit Treaty Lands and Territory

Archaeological Review Agreement between:
The Mississaugas of the Credit First Nation ("MCFN")
and
[name of the proponent]

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3. The Proponent, or their consultant(s), will therefore provide all reports in draft form to MCFN (via DOCA) for review and comment prior to their submission to other approval or regulatory authorities. The Proponent and their consultant(s) agree to provide reasonable and adequate time for MCFN to complete its review and provide comments on draft reports. MCFN is unable to review of any material in less than one week.

4. For archaeological assessments, the Proponent agrees that their consultant(s) will provide, if applicable, both the Supplementary Documentation and the Indigenous Engagement report alongside the draft archaeological report. The Indigenous Engagement report must contain the consultant's full account of MCFN's participation in and comments on the archaeological assessment.

5. For archaeological assessments, the Proponent agrees that no new fieldwork will commence until MCFN has completed its review and has provided comments on the previous Stage of assessment.

6. MCFN agrees that MCFN representatives will have appropriate qualifications for the work required – for example, education in environmental and/or archaeological assessments – and experience in bridging Indigenous perspectives with Western approaches, as reasonably determined by MCFN.

B – Fees and Cost Structure

7. The Proponent will provide capacity funding for the designated DOCA staff representative in the amount of $150.00 per hour for all activities relating to review of Project materials.

8. If MCFN is of the view, that designated DOCA staff are unable to complete a comprehensive technical review of Project materials, the Proponent agrees to pay costs incurred by MCFN to retain an external expert in the appropriate field to be chosen at MCFN's sole discretion. The Parties agree that a review by an external expert will commence following mutual acceptance by both Parties of an estimate of work provided by the expert.

C – Additional Conditions

9. All archaeological work in connection with any Project in the Territory will be carried out in accordance with the *Ontario Heritage Act* and its Regulations. The Archaeological work will meet or exceed the Ontario Ministry of Heritage, Sport, Tourism, and Culture Industries (hereinafter, "MHSTCI") standards and guidelines for consultant archaeologists as amended, including the *Terms and Conditions for Archaeological Licences, Standards and Guidelines for Consultant Archaeologists (2011)* and the Draft *Engaging Aboriginal Communities in Archaeology Technical Bulletin (2011),* (hereinafter collectively, "MHSTCI Standards 2011").

10. The Proponent agrees that all archaeological work conducted for the Project will comply with the MCFN *Standards and Guidelines for Archaeology* (published April 2, 2018), (hereinafter, "MCFN Standards") as long as the MCFN Standards do not fall below MHSTCI Standards 2011. The MHSTCI Standards 2011 will be paramount in the event of a direct conflict between MCFN Standards and the MHSTCI Standards 2011.

11. The Proponent shall make best efforts to avoid and protect archaeological sites, artifacts, and/or features. The Parties agree that the preferred option for human remains that may be of Aboriginal ancestry is that they remain where they are found with appropriate protections.

12. If archaeological resources are encountered at any time during construction or other Project-related activity, all excavation or other activity that could disturb the site shall immediately cease, and the Proponent shall immediately notify MCFN's duly appointed Archaeological Operations Supervisor or designate. The Parties shall work

collaboratively to minimize impacts and ensure respectful treatment of any archaeological resources in accordance with the practices and values of MCFN as identified by MCFN.

13. If human remains are encountered at any time during construction or other Project-related activity, the following steps shall be taken:
    a. All excavation or other activity that could disturb the site shall immediately cease, and the area shall be secured in a manner which protects the site location and prevents public access and trespass; and
    b. In addition to any notifications required under the *Funeral, Burial and Cremation Services Act, 2002,* SO 2002, C 33, the Proponent shall immediately contact MCFN's duly appointed Archaeological Operations Supervisor or designate; and
    c. MCFN shall be permitted to conduct any ceremonies on site in relation to the human remains that may be of Aboriginal ancestry; and
    d. MCFN shall be consulted about all steps in the investigation and any decisions or agreements to be made regarding human remains that may be of Aboriginal ancestry.

14. Nothing in this Agreement shall be interpreted or implemented so as to derogate or abrogate from any MCFN Aboriginal or Treaty right or claim, or to indicate consent to the Project.

D - Method of Payment

15. The Parties agree that the Proponent will pay the capacity funding as agreed to above by cheque or bank transfer and upon receipt of an invoice from MCFN. All invoices will be addressed directly to the Proponent, the Project will be noted in the text of each invoice, and all invoices will be prepared as per MCFN-DOCA's standard invoicing format. Invoices should be submitted electronically to the following address:

    Email address: [insert email address here]
    Attention: [insert name here]
    [name of the proponent]
    [phone number of proponent]
    [full address of proponent]

16. All payment should be made to the MCFN Department of Consultation and Accommodation to the following address. For additional information, please call the office at 905-768-4260.

    Email address: nicole.laforme-hess@mncfn.ca
    Attention: MCFN-DOCA

4065 Highway 6
Hagersville, Ontario
N0A 1H0

17. After thirty [30] days, a 5% monthly compounded interest rate will be charged on outstanding invoices. After six [6] months of non-payment, a 20% monthly compounded interest rate will be charged on outstanding invoices.

F – Disclaimer

18. The Parties agree that the capacity funding payments for the FLRs will be used only for the purposes described in this Agreement and will not be paid for the improper personal gain of any individual or for any other purpose that might violate any Canadian anti-corruption law.

19. This agreement may be executed in counterparts.

20. This agreement is legally binding on MCFN and the Proponent.

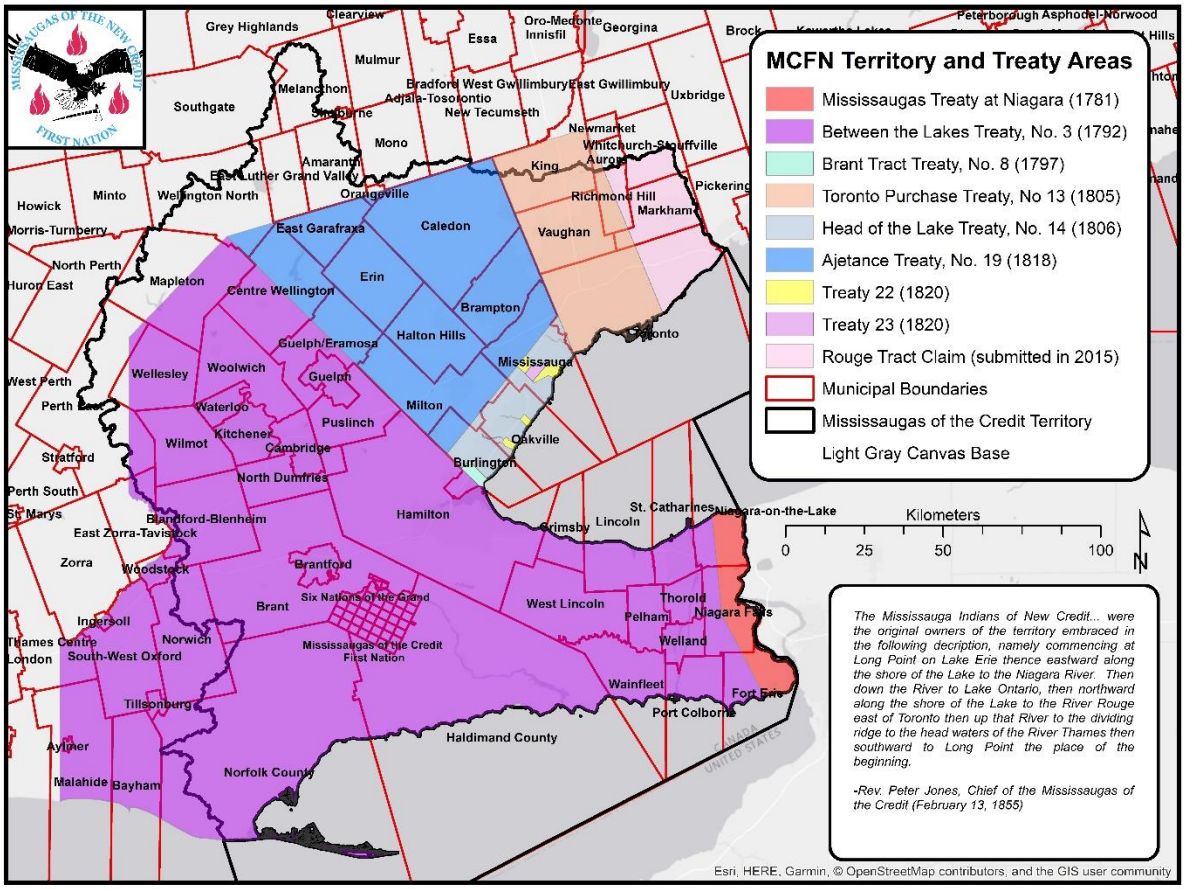
21. The term of this agreement is from April 1, 2020 to March 31, 2021. In the event that Project-related activities requiring FLR participation continue past this termination date, a new agreement will be executed between Parties.

[The remainder of this page is intentionally left blank.]

Signed this _____ day of _____, 2020,

_____	_____
Authorized Signatory on behalf of The Proponent	Authorized Signatory on behalf of Mississaugas of the Credit First Nation
[printed name of signatory] [job title] [department] [name of the proponent]	Mark LaForme Director Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation
_____	_____
Witness	Witness
[printed name of witness] [job title] [department] [name of the proponent]	Megan DeVries Archaeological Operations Supervisor Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation

Schedule A



Municipalities within Mississaugas of the Credit Treaty Lands and Territory

Field Liaison Representative Participation Agreement
between:
The Mississaugas of the Credit First Nation
and
[name of the proponent]

A - Background

1. The purpose of this agreement is to provide the Mississaugas of the Credit First Nation (hereinafter, "MCFN") with capacity assistance to its Field Liaison Representatives (hereinafter, "FLRs") in connection with all environmental and/or archaeological assessments required for the [name of project] (hereinafter, "the Project") located at [address], in [town/city], Ontario, owned by [name of the proponent], (hereinafter, "the Proponent").

2. The Proponent understands that MCFN wishes to send its FLRs to participate in and monitor the assessments associated with the Project, and that the FLRs' mandate will be to ensure that MCFN's perspectives and priorities are considered and to enable MCFN to provide timely and meaningful comment on the Project.

3. All archaeological work in connection with any Project in the Territory will be carried out in accordance with the *Ontario Heritage Act* and its Regulations. The archaeological work will meet or exceed the Ontario Ministry of Heritage, Sport, Tourism, and Culture Industries (hereinafter, "MHSTCI") standards and guidelines for consultant archaeologists as amended, including the *Terms and Conditions for Archaeological Licences*, *Standards and Guidelines for Consultant Archaeologists (2011)* and the Draft *Engaging Aboriginal Communities in Archaeology Technical Bulletin (2011),* (hereinafter collectively, "MHSTCI Standards 2011").

4. The Proponent agrees that all archaeological work conducted for the Project will comply with the MCFN *Standards and Guidelines for Archaeology* (published April 2, 2018), (hereinafter, "MCFN Standards") as long as the MCFN Standards do not fall below MHSTCI Standards 2011. The MHSTCI Standards 2011 will be paramount in the event of a direct conflict between MCFN Standards and the MHSTCI Standards 2011.

5. Nothing in this Agreement shall be interpreted or implemented so as to derogate or abrogate from any MCFN Aboriginal or Treaty right or claim, or to indicate consent to the Project.

B – Fees and Cost Structure

6. The Proponent will provide capacity funding for each FLR in the amount of $85.00 per hour for all activities relating to the Project. Activities relating to the Project include, but are not limited to:
    a. Time spent on site monitoring assessment or predetermined construction-related activities;
    b. Time spent completing data or artifact processing, identification, analysis, and interpretation activities alongside their consultant(s);
    c. Actual travel time at the beginning of, during, and/or end of each day;
    d. Time completing daily notes relating to the Project;
    e. Time spent on standby at the request of the Proponent or their consultant(s); and
    f. Time completing mandatory training at the request of the Proponent or their consultant(s).

7. The Proponent will pay a supervisory fee of 3.5%, based on the number of hours charged to the Proponent, to provide MCFN with the capacity to facilitate in-field technical support for the FLRs via the Field Archaeologist.

8. The Proponent will reimburse the FLRs for reasonable mileage and meals in accordance with current Federal Canada Treasury Board guidelines, over and above the hourly rate [see Schedule B]. Mileage rates are determined using the MCFN Department of Consultation and Accommodation as the place of departure.

9. The Proponent will provide capacity funding for each FLR in the amount of $125.00 per hour for any work exceeding eight hours per day and/or forty hours per week. The above noted mileage and meal allowance remains in effect.

10. The Proponent will provide capacity funding for each FLR in the amount of $125.00 per hour for any work occurring on the following holidays: New Year's Day, Family Day, Good Friday, Victoria Day, Indigenous Solidarity Day (June 21), Canada Day, Civic Holiday, Labour Day, Thanksgiving Day, Remembrance Day, Christmas Day, and Boxing Day. The above noted mileage and meal allowance rates remain in effect.

11. The Proponent agrees that the FLRs will be paid for a minimum of three hours, plus actual travel time, mileage, and meal allowance rates as noted above, on any day when work is cancelled by the Proponent or their consultant(s) while FLRs are en route to the work site or after the FLRs have already arrived.

12. If its use is deemed necessary by both Parties, the Proponent agrees to reimburse the FLRs for their use of the 407ETR upon receipt of a copy of the bill. This agreement will be provided in writing to MCFN's Field Coordinator.

13. If deemed reasonable by both Parties, the Proponent agrees to cover the cost of overnight accommodation for FLRs participating in environmental and/or archaeological fieldwork at locations which would otherwise require more than 90 minutes of travel time at both the beginning and end of the work day, as determined using the MCFN Department of Consultation and Accommodation as the place of departure. An additional Incidental Allowance fee is required for any work which requires overnight accommodations, as set out in Schedule B. This agreement will be provided in writing to MCFN's Field Coordinator.

C – Additional Conditions

14. The parties acknowledge that the Project, in whole or in part, takes place within MCFN Territory and agree that the Proponent shall provide capacity funding for FLR participation on the Project for the duration of the Project.

15. The Proponent agrees that two FLRs shall be on location whenever Project-related activities are taking place within its Territory, as set out in Schedule A.

16. Furthermore, additional FLRs are required if the number of field personnel utilized by the consultant exceeds fourteen (14) individuals and the Proponent agrees to provide capacity funding for additional FLRs as required. MCFN requires one additional FLR per five additional field crew, as outlined in the chart below:

Number of Field Personnel	Number of FLRs Required
1 to 14	2
15 to 19	3
20 to 24	4
25 to 29	5
30 to 34	6
35 to 39	7
40+	8+

17. The Parties acknowledge that the FLRs time and travel will be recorded and verified using the ClockShark Time Tracking Software System and that invoicing will be prepared using these records, not those of a third party.

18. If archaeological resources are encountered at any time during construction or other Project-related activity, all excavation or other activity that could disturb the site shall immediately cease, and the Proponent shall immediately notify MCFN's Archaeological Operations Supervisor or designate. The Parties shall work collaboratively to minimize impacts and ensure respectful treatment of any archaeological resources in accordance with the practices and values of MCFN as identified by MCFN.

19. If human remains are encountered at any time during construction or other Project-related activity, the following steps shall be taken:
    a. All excavation or other activity that could disturb the site shall immediately cease, and the area shall be secured in a manner which protects the site location and prevents public access and trespass; and
    b. In addition to any notifications required under the *Funeral, Burial and Cremation Services Act, 2002,* SO 2002, C 33, the Proponent shall immediately contact MCFN's duly appointed Archaeological Operations Supervisor or designate; and
    c. MCFN shall be permitted to conduct any ceremonies on site in relation to the human remains that may be of Aboriginal ancestry ("Ancestral Remains"); and
    d. MCFN shall be consulted about all steps in the investigation and any decisions or agreements to be made regarding Ancestral Remains.

D - Coordination of the FLRs

20. The Parties agree that the FLRs will follow the reasonable instructions of the Proponent and their consultant firm(s) conducting the environmental and/or archaeological work concerning safety practices, and that the FLRs will attend "tailgate" safety meetings if requested.

21. The contact person for activities relating to the environmental assessment portion of the Project is [name of contact person #1] from [name of consultant]. Contact information for this person is as follows:
    [insert contact information here]

22. The contact person for activities relating to the archaeological assessment portion of the Project is [name of contact person #2] from [name of consultant]. Contact information for this person is as follows:
    [insert contact information here]

23. The Parties agree that the contact person for the consultant firm(s) will coordinate site meeting locations and times through MCFN's duly appointed Field Coordinator. Contact information for the Field Coordinator is as follows:

    Joelle Williams
    Telephone: 905-768-4260
    Cell: 905-870-2918
    Email: joelle.williams@mncfn.ca

E - Status of the FLRs

24. The FLRs selected by MCFN have appropriate qualifications for the work required – for example, training in environmental and/or archaeological monitoring – and experience in bridging Indigenous perspectives with Western approaches, as reasonably determined by MCFN.

25. The Parties agree that the FLRs are not employees, contractors, or sub-contractors of the Proponent or their consultant(s) and that the FLRs will be responsible for their own personal protective equipment, such as hard hats, safety boots, and safety vests, unless specific or otherwise unique personal protective equipment is required, which will therefore be provided or reimbursed by the Proponent.

26. FLRs take direction from MCFN. MCFN pays Workplace Safety and Insurance Board ("WSIB") contributions in respect of the FLRs and will, at its own expense, maintain for the term of this agreement a comprehensive general liability ("CGL") policy or policies with a limit of at least $1 million and shall provide the Proponent with evidence of such insurance, upon request. MCFN agrees that FLRs will perform their activities safely, in a good and competent manner, in compliance with all applicable laws, regulations, and guidelines.

27. MCFN expects that the Proponent will comply with the *Occupational Health and Safety Act*, R.S.O. 1990, C. 0.1, the Ontario *Human Rights Code*, R. S. O. 1990, c. H.19, and maintain a safe, harassment-free work environment.

28. The Proponent is responsible for negligence or other failure to maintain a safe and harassment-free work environment. To the extent that the Proponent is responsible for negligence or other failure to maintain a safe and harassment-free work environment, the Proponent is liable and shall indemnify MCFN claims or demands related to injury, accident, discrimination, or harassment by the Proponent's employees, agents, consultants, or other parties under the control or direction of the Proponent.

F - Method of Payment

29. The Parties agree that the Proponent will pay the capacity funding as agreed to above by cheque or bank transfer and upon receipt of an invoice from MCFN. All invoices will be addressed directly to the Proponent, the Project will be noted in the text of each invoice, and all invoices will be prepared as per MCFN-DOCA's standard invoicing format. Invoices should be submitted electronically to the following address:

    Email address: [insert email address here]
    Attention: [insert name here]
    [name of the proponent]
    [phone number of proponent]
    [full address of proponent]

30. All payment should be made to the MCFN Department of Consultation and Accommodation to the following address. For additional information, please call the office at 905-768-4260.

    Email address: nicole.laforme-hess@mncfn.ca
    Attention: MCFN-DOCA
    4065 Highway 6
    Hagersville, Ontario
    N0A 1H0

31. After thirty [30] days, a 5% monthly compounded interest rate will be charged on outstanding invoices. After six [6] months of non-payment, a 20% monthly compounded interest rate will be charged on outstanding invoices.

G – Disclaimer

32. The Parties agree that the capacity funding payments for the FLRs will be used only for the purposes described in this Agreement and will not be paid for the improper personal gain of any individual or for any other purpose that might violate any Canadian anti-corruption law.

33. This agreement may be executed in counterparts.

34. This agreement is legally binding on MCFN and the Proponent.

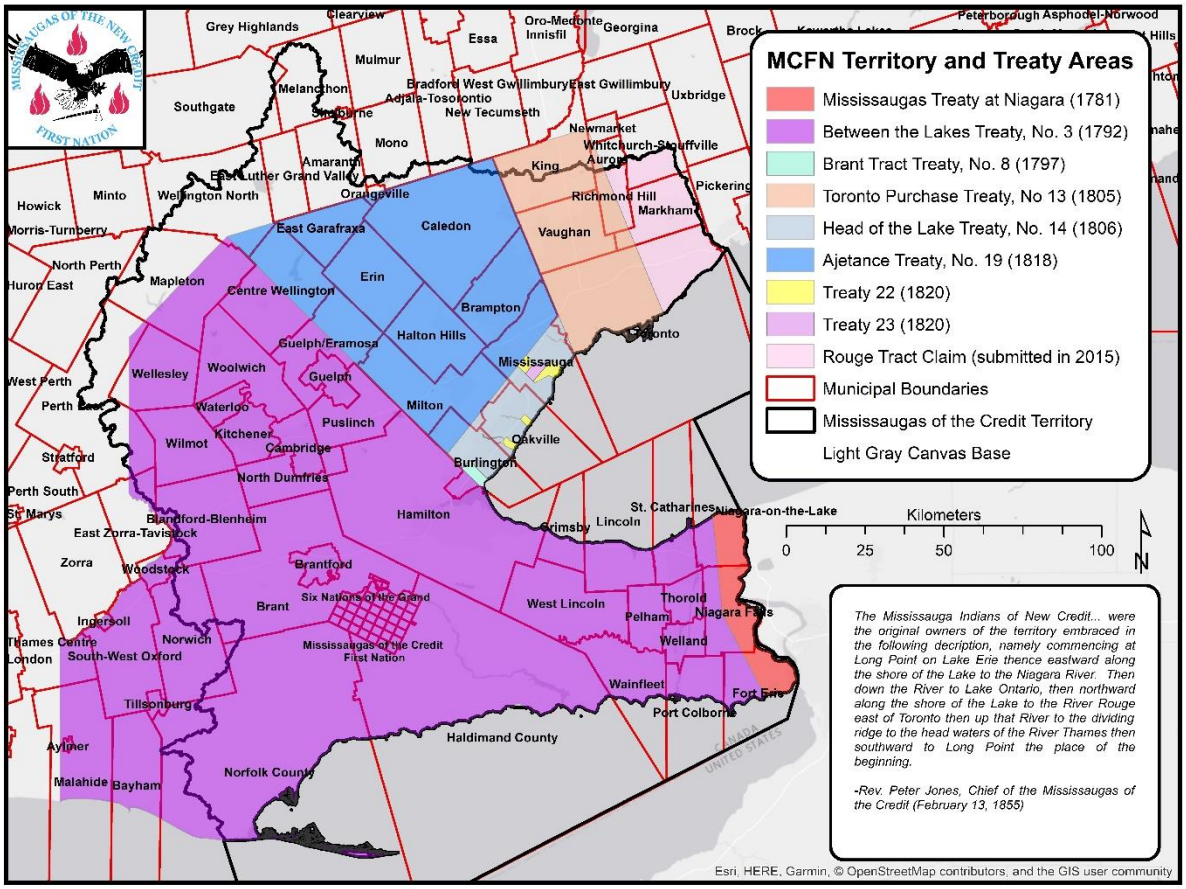
35. The term of this agreement is from April 1, 2020 to March 31, 2021. In the event that Project-related activities requiring FLR participation continue past this termination date, a new agreement will be executed between Parties.

[The remainder of this page is intentionally left blank.]

Signed this _____ day of _____, 2020,

_____	_____
Authorized Signatory on behalf of The Proponent	Authorized Signatory on behalf of Mississaugas of the Credit First Nation
[printed name of signatory] [job title] [department] [name of the proponent]	Mark LaForme Director Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation
_____	_____
Witness	Witness
[printed name of witness] [job title] [department] [name of the proponent]	Megan DeVries Archaeological Operations Supervisor Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation

Schedule A



Municipalities within Mississaugas of the Credit Treaty Lands and Territory

Schedule B

MISSISSAUGAS OF THE CREDIT FIRST NATION MILEAGE & ALLOWANCE CHART

EFFECTIVE APRIL 1, 2020 to MARCH 31, 2021

MILEAGE	$ 0.56 per KM		
	https://www.njc-cnm.gc.ca/directive/d10/v238/s658/en#s658-tc-tm		
MEAL ALLOWANCE			**not eligible if:**
BREAKFAST	$	20.65	leave after 8am; get home before 7:30am
LUNCH	$	20.90	leave after 1:15pm; get home before 12:15pm
DINNER	$	51.25	leave after 7pm; get home before 6:30pm
INCIDENTALS	$	17.30	not staying overnight
	https://www.njc-cnm.gc.ca/directive/d10/v238/s659/en#s659-tc-tm		
NIGHTTIME*	$	51.25	*Applies only to nighttime surveys that would not otherwise trigger dinner or breakfast.

Field Liaison Representative Participation Agreement
between:
The Mississaugas of the Credit First Nation
and
[name of the proponent]

A - Background

1. The purpose of this agreement is to provide the Mississaugas of the Credit First Nation (hereinafter, "MCFN") with capacity assistance to its Field Liaison Representatives (hereinafter, "FLRs") in connection with all environmental and/or archaeological assessments required for the [name of project] (hereinafter, "the Project") located at [address], in [town/city], Ontario, owned by [name of the proponent], (hereinafter, "the Proponent").

2. The Proponent understands that MCFN wishes to send its FLRs to participate in and monitor the assessments associated with the Project, and that the FLRs' mandate will be to ensure that MCFN's perspectives and priorities are considered and to enable MCFN to provide timely and meaningful comment on the Project.

3. All archaeological work in connection with any Project in the Territory will be carried out in accordance with the *Ontario Heritage Act* and its Regulations. The archaeological work will meet or exceed the Ontario Ministry of Heritage, Sport, Tourism, and Culture Industries (hereinafter, "MHSTCI") standards and guidelines for consultant archaeologists as amended, including the *Terms and Conditions for Archaeological Licences*, *Standards and Guidelines for Consultant Archaeologists (2011)* and the Draft *Engaging Aboriginal Communities in Archaeology Technical Bulletin (2011),* (hereinafter collectively, "MHSTCI Standards 2011").

4. The Proponent agrees that all archaeological work conducted for the Project will comply with the MCFN *Standards and Guidelines for Archaeology* (published April 2, 2018), (hereinafter, "MCFN Standards") as long as the MCFN Standards do not fall below MHSTCI Standards 2011. The MHSTCI Standards 2011 will be paramount in the event of a direct conflict between MCFN Standards and the MHSTCI Standards 2011.

5. Nothing in this Agreement shall be interpreted or implemented so as to derogate or abrogate from any MCFN Aboriginal or Treaty right or claim, or to indicate consent to the Project.

B – Fees and Cost Structure

6. The Proponent will provide capacity funding for each FLR in the amount of $85.00 per hour for all activities relating to the Project. Activities relating to the Project include, but are not limited to:
    a. Time spent on site monitoring assessment or predetermined construction-related activities;
    b. Time spent completing data or artifact processing, identification, analysis, and interpretation activities alongside their consultant(s);
    c. Actual travel time at the beginning of, during, and/or end of each day;
    d. Time completing daily notes relating to the Project;
    e. Time spent on standby at the request of the Proponent or their consultant(s); and
    f. Time completing mandatory training at the request of the Proponent or their consultant(s).

7. The Proponent will pay a supervisory fee of 3.5%, based on the number of hours charged to the Proponent, to provide MCFN with the capacity to facilitate in-field technical support for the FLRs via the Field Archaeologist.

8. The Proponent will reimburse the FLRs for reasonable mileage and meals in accordance with current Federal Canada Treasury Board guidelines, over and above the hourly rate [see Schedule B]. Mileage rates are determined using the MCFN Department of Consultation and Accommodation as the place of departure.

9. The Proponent will provide capacity funding for each FLR in the amount of $125.00 per hour for any work exceeding eight hours per day and/or forty hours per week. The above noted mileage and meal allowance remains in effect.

10. The Proponent will provide capacity funding for each FLR in the amount of $125.00 per hour for any work occurring on the following holidays: New Year's Day, Family Day, Good Friday, Victoria Day, Indigenous Solidarity Day (June 21), Canada Day, Civic Holiday, Labour Day, Thanksgiving Day, Remembrance Day, Christmas Day, and Boxing Day. The above noted mileage and meal allowance rates remain in effect.

11. The Proponent agrees that the FLRs will be paid for a minimum of three hours, plus actual travel time, mileage, and meal allowance rates as noted above, on any day when work is cancelled by the Proponent or their consultant(s) while FLRs are en route to the work site or after the FLRs have already arrived.

12. If its use is deemed necessary by both Parties, the Proponent agrees to reimburse the FLRs for their use of the 407ETR upon receipt of a copy of the bill. This agreement will be provided in writing to MCFN's Field Coordinator.

13. If deemed reasonable by both Parties, the Proponent agrees to cover the cost of overnight accommodation for FLRs participating in environmental and/or archaeological fieldwork at locations which would otherwise require more than 90 minutes of travel time at both the beginning and end of the work day, as determined using the MCFN Department of Consultation and Accommodation as the place of departure. An additional Incidental Allowance fee is required for any work which requires overnight accommodations, as set out in Schedule B. This agreement will be provided in writing to MCFN's Field Coordinator.

C – Additional Conditions

14. The parties acknowledge that the Project, in whole or in part, takes place within MCFN Territory and agree that the Proponent shall provide capacity funding for FLR participation on the Project for the duration of the Project.

15. The Proponent agrees that two FLRs shall be on location whenever Project-related activities are taking place within its Territory, as set out in Schedule A.

16. Furthermore, additional FLRs are required if the number of field personnel utilized by the consultant exceeds fourteen (14) individuals and the Proponent agrees to provide capacity funding for additional FLRs as required. MCFN requires one additional FLR per five additional field crew, as outlined in the chart below:

Number of Field Personnel	Number of FLRs Required
1 to 14	2
15 to 19	3
20 to 24	4
25 to 29	5
30 to 34	6
35 to 39	7
40+	8+

17. The Parties acknowledge that the FLRs time and travel will be recorded and verified using the ClockShark Time Tracking Software System and that invoicing will be prepared using these records, not those of a third party.

18. If archaeological resources are encountered at any time during construction or other Project-related activity, all excavation or other activity that could disturb the site shall immediately cease, and the Proponent shall immediately notify MCFN's Archaeological Operations Supervisor or designate. The Parties shall work collaboratively to minimize impacts and ensure respectful treatment of any archaeological resources in accordance with the practices and values of MCFN as identified by MCFN.

19. If human remains are encountered at any time during construction or other Project-related activity, the following steps shall be taken:
    a. All excavation or other activity that could disturb the site shall immediately cease, and the area shall be secured in a manner which protects the site location and prevents public access and trespass; and
    b. In addition to any notifications required under the *Funeral, Burial and Cremation Services Act, 2002,* SO 2002, C 33, the Proponent shall immediately contact MCFN's duly appointed Archaeological Operations Supervisor or designate; and
    c. MCFN shall be permitted to conduct any ceremonies on site in relation to the human remains that may be of Aboriginal ancestry ("Ancestral Remains"); and
    d. MCFN shall be consulted about all steps in the investigation and any decisions or agreements to be made regarding Ancestral Remains.

D - Coordination of the FLRs

20. The Parties agree that the FLRs will follow the reasonable instructions of the Proponent and their consultant firm(s) conducting the environmental and/or archaeological work concerning safety practices, and that the FLRs will attend "tailgate" safety meetings if requested.

21. The contact person for activities relating to the environmental assessment portion of the Project is [name of contact person #1] from [name of consultant]. Contact information for this person is as follows:
    [insert contact information here]

22. The contact person for activities relating to the archaeological assessment portion of the Project is [name of contact person #2] from [name of consultant]. Contact information for this person is as follows:
    [insert contact information here]

23. The Parties agree that the contact person for the consultant firm(s) will coordinate site meeting locations and times through MCFN's duly appointed Field Coordinator. Contact information for the Field Coordinator is as follows:

    Joelle Williams
    Telephone: 905-768-4260
    Cell: 905-870-2918
    Email: joelle.williams@mncfn.ca

E - Status of the FLRs

24. The FLRs selected by MCFN have appropriate qualifications for the work required – for example, training in environmental and/or archaeological monitoring – and experience in bridging Indigenous perspectives with Western approaches, as reasonably determined by MCFN.

25. The Parties agree that the FLRs are not employees, contractors, or sub-contractors of the Proponent or their consultant(s) and that the FLRs will be responsible for their own personal protective equipment, such as hard hats, safety boots, and safety vests, unless specific or otherwise unique personal protective equipment is required, which will therefore be provided or reimbursed by the Proponent.

26. FLRs take direction from MCFN. MCFN pays Workplace Safety and Insurance Board ("WSIB") contributions in respect of the FLRs and will, at its own expense, maintain for the term of this agreement a comprehensive general liability ("CGL") policy or policies with a limit of at least $1 million and shall provide the Proponent with evidence of such insurance, upon request. MCFN agrees that FLRs will perform their activities safely, in a good and competent manner, in compliance with all applicable laws, regulations, and guidelines.

27. MCFN expects that the Proponent will comply with the *Occupational Health and Safety Act*, R.S.O. 1990, C. 0.1, the Ontario *Human Rights Code*, R. S. O. 1990, c. H.19, and maintain a safe, harassment-free work environment.

28. The Proponent is responsible for negligence or other failure to maintain a safe and harassment-free work environment. To the extent that the Proponent is responsible for negligence or other failure to maintain a safe and harassment-free work environment, the Proponent is liable and shall indemnify MCFN claims or demands related to injury, accident, discrimination, or harassment by the Proponent's employees, agents, consultants, or other parties under the control or direction of the Proponent.

F - Method of Payment

29. The Parties agree that the Proponent will pay the capacity funding as agreed to above by cheque or bank transfer and upon receipt of an invoice from MCFN. All invoices will be addressed directly to the Proponent, the Project will be noted in the text of each invoice, and all invoices will be prepared as per MCFN-DOCA's standard invoicing format. Invoices should be submitted electronically to the following address:

    Email address: [insert email address here]
    Attention: [insert name here]
    [name of the proponent]
    [phone number of proponent]
    [full address of proponent]

30. All payment should be made to the MCFN Department of Consultation and Accommodation to the following address. For additional information, please call the office at 905-768-4260.

    Email address: nicole.laforme-hess@mncfn.ca
    Attention: MCFN-DOCA
    4065 Highway 6
    Hagersville, Ontario
    N0A 1H0

31. After thirty [30] days, a 5% monthly compounded interest rate will be charged on outstanding invoices. After six [6] months of non-payment, a 20% monthly compounded interest rate will be charged on outstanding invoices.

G – Disclaimer

32. The Parties agree that the capacity funding payments for the FLRs will be used only for the purposes described in this Agreement and will not be paid for the improper personal gain of any individual or for any other purpose that might violate any Canadian anti-corruption law.

33. This agreement may be executed in counterparts.

34. This agreement is legally binding on MCFN and the Proponent.

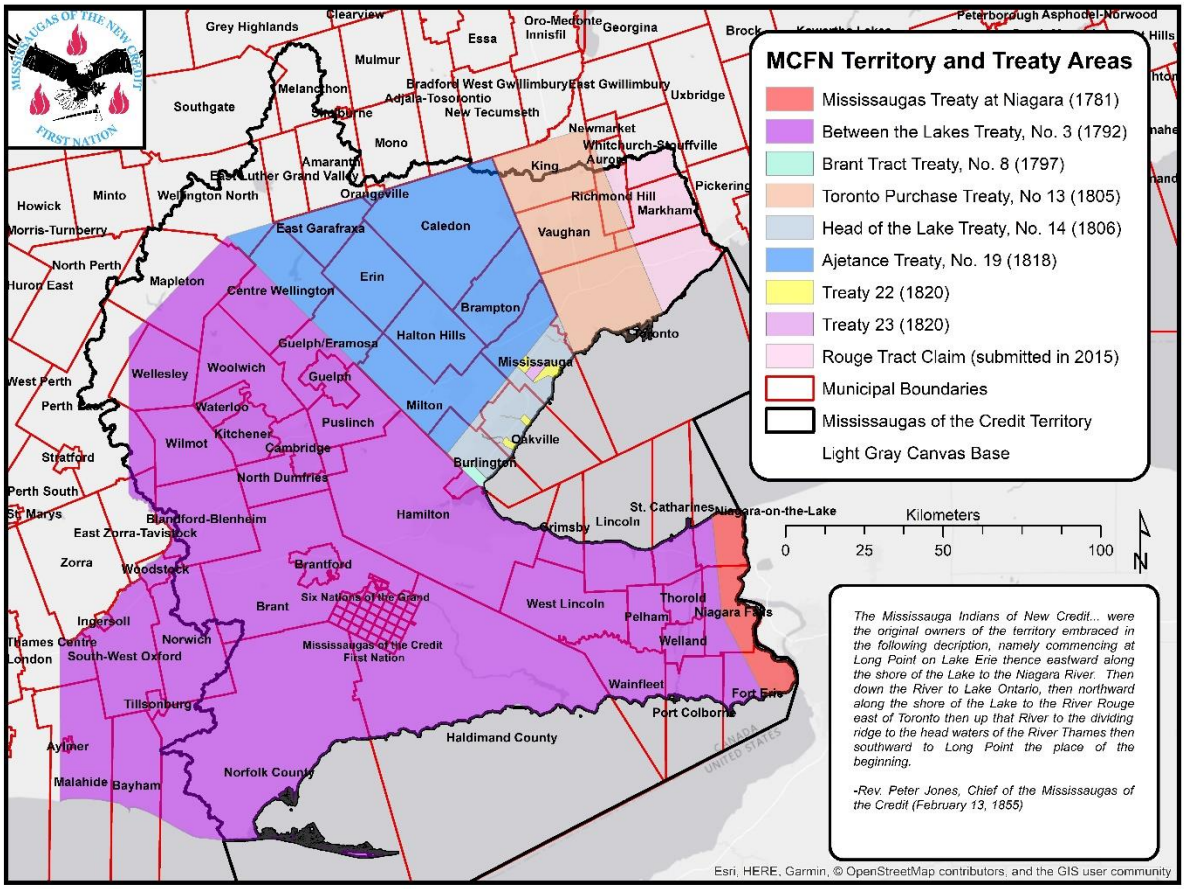
35. The term of this agreement is from April 1, 2020 to March 31, 2021. In the event that Project-related activities requiring FLR participation continue past this termination date, a new agreement will be executed between Parties.

[The remainder of this page is intentionally left blank.]

Signed this _____ day of _____, 2020,

_____	_____
Authorized Signatory on behalf of The Proponent	Authorized Signatory on behalf of Mississaugas of the Credit First Nation
[printed name of signatory] [job title] [department] [name of the proponent]	Mark LaForme Director Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation
_____	_____
Witness	Witness
[printed name of witness] [job title] [department] [name of the proponent]	Megan DeVries Archaeological Operations Supervisor Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation

Schedule A



Municipalities within Mississaugas of the Credit Treaty Lands and Territory

Schedule B

MISSISSAUGAS OF THE CREDIT FIRST NATION MILEAGE & ALLOWANCE CHART

EFFECTIVE APRIL 1, 2020 to MARCH 31, 2021

MILEAGE [redacted]

https://www.njc-cnm.gc.ca/directive/d10/v238/s658/en#s658-tc-tm

MEAL ALLOWANCE			**not eligible if:**
BREAKFAST	$	[redacted]	leave after 8am; get home before 7:30am
LUNCH	$		leave after 1:15pm; get home before 12:15pm
DINNER	$		leave after 7pm; get home before 6:30pm
INCIDENTALS	$		not staying overnight

https://www.njc-cnm.gc.ca/directive/d10/v238/s659/en#s659-tc-tm

NIGHTTIME*	$	[redacted]	*Applies only to nighttime surveys that would not otherwise trigger dinner or breakfast.

MISSISSAUGAS OF THE CREDIT FIRST NATION™

DEPARTMENT OF
CONSULTATION AND ACCOMMODATION

December 14,2020

VIA EMAIL

Italia Pone, P.Eng. Project Manager
10 Peel Centre Drive, Brampton
italia.ponce@peelregion.ca

Dear Italia Pone,

RE: MCFN Archaeological Review for Etobicoke Creek Trunk Sewer Improvements

Confirmation of Receipt
I am writing in follow up to the letter of response dated December 9,2020 by Fawn Sault, Consultation Coordinator, from the Department of Consultation and Accommodation ("DOCA") on behalf of the Mississaugas of the Credit First Nation ("MCFN") to acknowledge that we have received your above named communication, dated December 9,2020.

Outline of MCFN Rights and Territory
In 1818, the Crown and MCFN entered into Ajetance Treaty, No. 19 (1818) regarding the lands in which your project is situated.

MCFN has formed the Department of Consultation and Accommodation ("DOCA") to represent its interests in consultation and accommodation matters. In this regard, it is DOCA's mandate to ensure that we are directly involved in all planning and development that impacts the integrity of our Territory. DOCA will assess and help alleviate impacts on our rights, land claims, and ways of life by building relationships with governments and private sector proponents. We share a mutual interest in ensuring that projects in the Territory are planned, reviewed, and developed in a manner which ensures healthy communities, ecological protection, and sustainable development for present and future generations in the Territory.

MCFN has a stewardship responsibility over its Territory and asserts that our Aboriginal and treaty rights fundamentally entitle us to preserve our culture and heritage, including

archaeological materials and human burials. Our Territory is the source of our identity as a First Nation and the basis for many cultural activities and spiritual ceremonies. It is home to sacred sites, burial grounds, traditional teachings and meeting places, and sites of profound archaeological and historical significance. We assert that our Aboriginal and treaty rights fundamentally entitle us to preserve our cultural and heritage.

Too much of our cultural objects and the remains of our ancestors have been lost already through development of the most intensely urbanized lands in Canada and we have a strong interest in ensuring that no more of it becomes bulldozed and desecrated.

MCFN *Standards and Guidelines for Archaeology*

In April 2018, MCFN Chief and Council adopted the MCFN *Standards and Guidelines for Archaeology*, a document aimed to provide guidance to consultant archaeologists, proponents, governments, etc. who are conducting archaeological assessment activities within MCFN's Territory. It sets out, in MCFN's own words, what engagement with our Nation should entail for archaeology as well as technical expectations for fieldwork, in relation to the provincial regulations which were created without our input and feedback. It is important to note that MCFN holds all archaeological resources present within its Territory as of interest to the Nation as part of their cultural patrimony. Resources, regardless of size, frequency, condition, etc., should not be interpreted by non-MCFN representatives in such a way as to remove the requirement for engagement with our Nation.

We are attaching a copy for your reference. We expect compliance with these *Standards and Guidelines* as any fieldwork you will be conducting will have the potential of disturbing MCFN's cultural artifacts or its ancestors' remains.

MCFN Expectations Regarding Ancestors' Remains

MCFN has obligations under Anishinaabe law to protect burials within its Territory and MCFN maintains its right to do so. Our ancestors buried their loved ones in our Territory with the understanding that they would not be disturbed.

We would also like to draw your attention to our expectation that at any time that ancestral remains are encountered during fieldwork, we expect all activities on site to stop and that MCFN be contacted immediately to determine a proper course of action.

Technical Review

In the exercise of its stewardship responsibility, DOCA seeks to work together with project proponents and their archaeological consultants to ensure that archaeological work is done properly and respectfully. DOCA has retained technical advisers with expertise in the field of archaeology. These experts will review the technical aspects and cultural appropriateness of the archaeological assessments and strategies associated with your project. Upon completion of these reviews, MCFN will identify, if

necessary, mitigation measures to address any project impacts upon MCFN rights. For cultural materials and human remains, DOCA may advise that this includes ceremonies required by Anishinaabe law, as well as request adjustments to the proposed fieldwork strategy.

The proponent is expected to pay the costs for MCFN to engage in a technical review of the project. DOCA anticipates at this time that all archaeological review will be undertaken by in-house technical experts, but will advise the proponent if an outside peer-review is required. Please find attached the agreement that covers MCFN's in-house technical review of the archaeological assessments and strategies associated with your project. Please fill in the additional required information, highlighted in yellow, and return to us a signed copy.

Please note that capacity at DOCA is limited. We maintain the right to review all material that comes to our office as part of our consultation process. If you have specific filing deadlines, please advise us as soon as possible. However, it is MCFN's assertion that part of the process of meaningful engagement is allowing our Nation a reasonable amount of time to review, reflect upon, and respond to reports and recommendations. On average, this process can be accomplished in 4-6 weeks. It is our position that no archaeological assessment – but especially Stage 4 mitigation – should begin until DOCA has completed our review and is in agreement that with the proposed strategy for fieldwork.

<u>Request for Missing Information</u>
In order to complete our project record, we ask that you provide the following information:

1. Is an archaeological assessment required for this project? If no, why not?
2. Have any archaeological assessments already been completed for this project and/or its study area? If yes, please provide all documentation including reports, supplementary documentation, etc.
3. Has the MHSTCI issued a letter of entry into register for some or all of the study area? If yes, please provide all documentation, including letter, communications to and from MHSTCI, etc.
4. Is there any archaeological activity (e.g. assessment, excavation, monitoring) that has not yet been completed for the project?
5. If the answer to #4 is yes, please provide the following:
    a. A description of the outstanding archaeological activity/activities.
    b. Anticipated date of the activity/activities.
    c. The appropriate contact person overseeing the archaeological activity/activities.

Closing

The review of project-related archaeological assessments is only one part of the consultation process that may be required for your development. Please contact DOCA's Consultation Coordinator, Fawn Sault, if you have any questions about the process.

We ask that you respond with the above requested information and executed agreement within fourteen days following receipt of this letter. We thank you in advance for your attention to our requirements and we look forward to working with you further to shape the planning for development in our Territory.

Sincerely,

Megan DeVries

Megan DeVries
Archaeological Operations Supervisor
megan.devries@mncfn.ca

Attachment(s) MCFN *Standards and Guidelines for Archaeology* [2018]
DOCA Archaeological Review Agreement [2020]

MISSISSAUGAS OF THE CREDIT FIRST NATION
DEPARTMENT OF
CONSULTATION AND ACCOMMODATION

December 14,2020

VIA EMAIL

Italia Pone, P.Eng. Project Manager
10 Peel Centre Drive, Brampton
italia.ponce@peelregion.ca

Dear Italia Pone,

RE: MCFN FLR Participation for Etobicoke Creek Trunk Sewer Improvements

Confirmation of Receipt
I am writing in follow up to the letter of response dated December 9,2020 sent by Fawn Sault, Consultation Coordinator, from the Department of Consultation and Accommodation ("DOCA") on behalf of the Mississaugas of the Credit First Nation ("MCFN") to acknowledge that we have received your above named communication, dated December 9,2020.

Outline of MCFN Rights and Territory
In 1818 , the Crown and MCFN entered into Ajetance Treaty, No. 19 (1818) regarding the lands in which your project is situated.

MCFN has formed the Department of Consultation and Accommodation ("DOCA") to represent its interests in consultation and accommodation matters. In this regard, it is DOCA's mandate to ensure that we are directly involved in all planning and development that impacts the integrity of our Territory. DOCA will assess and help alleviate impacts on our rights, land claims, and ways of life by building relationships with governments and private sector proponents. We share a mutual interest in ensuring that projects in the Territory are planned, reviewed, and developed in a manner which ensures healthy communities, ecological protection, and sustainable development for present and future generations in the Territory.

One of the ways we require proponents to engage with us is in providing transparency during the environmental survey and archaeological assessment process. The best way

to accomplish this is by having Field Liaison Representatives ("FLRs") on location while fieldwork is occurring, who can ensure that the Nation's special interests and concerns are respected and considered during fieldwork. The cultural and natural resources in question are part of MCFN's territory and heritage and it is our responsibility to ensure their protection, on behalf of the Nation. MCFN's stewardship of its territory extends through the life of any development project and beyond.

It is our expectation that no project-related fieldwork will take place without the participation of our FLRs. MCFN considers it disrespectful of our rights as Indigenous peoples if our natural and cultural heritage is interfered with without our involvement.

FLR Participation

DOCA deploys FLRs to be boots on the ground so that fieldwork by a proponent and their consultants/contractors is carried out with appropriate care, thoroughness, and respect. In the context of MCFN's Territory, where so much natural and cultural heritage has already been lost or destroyed, MCFN's monitoring of fieldwork is of utmost importance to ensure that the trail of desecration stops. FLRs are deployed to observe fieldwork, provide cultural advice, act as a direct link back to DOCA and MCFN, and assist with compliance.

FLRs are MCFN band members who have received training in environmental and archaeological assessments, traditional medicine identification and use, Anishinaabe burial practices, and more throughout their employment with DOCA.

DOCA requires, at minimum, FLR participation during the following project-related studies and/or activities:

- ecological and natural heritage technical studies
- archaeological assessments (Stages 2 through 4) and site visits
- monitoring of activities within 50m of areas of special concern (e.g. waterways and wetlands, archaeological sites, species at risk)
- post-construction remediation activities and follow-up impact monitoring

Agreement for FLR Participation

The cost for the participation of our FLRs is covered by the proponent, not the consultant, whom we view as having the ultimate responsibility to consult with, and accommodate, the Nation. Therefore, please find attached the agreement that covers MCFN's participation in the upcoming fieldwork. The costs associated with this involvement reflect a number of expenses not visible at first glance: payment for the FLRs themselves, operational costs for DOCA, and efforts to engage the community to garner feedback on development projects. If you could please fill in the additional required information, highlighted in yellow, and return to us a signed copy so that we may arrange for FLR participation on your project, that would be greatly appreciated.

Once a signed agreement is in place, DOCA generally arranges scheduling and other related matters directly with the consultant conducting the fieldwork, unless you prefer otherwise.

Please note that MCFN requires two of its FLRs to be on location whenever fieldwork is taking place within its territory. The reason for this is so that FLRs can provide support and security for each other in the field. This has become a requirement in light of uncommon, but unfortunate, occurrences when FLRs have felt pressured or intimidated from external persons while at work locations. We ask that you would respect this request.

Request for Missing Information

In order to complete our project record, we ask that you provide the following information:

1. Please provide a list of all completed technical studies for the project, their date of completion, and the contact information of the consultant who completed each study.
2. Please provide a list of all incomplete and/or upcoming technical studies for the project, the anticipated date of fieldwork for each, and the contact information for the consultant who will complete them.
3. Are there any short-term and/or long-term avoidance and protection strategies currently in place for the natural and/or cultural resources in the study area for this project? If yes, what are they?

Closing

The participation of FLRs in project fieldwork is only one part of the consultation process that may be required for your development. Please contact DOCA's Consultation Coordinator, Fawn Sault, if you have any questions about the process.

We ask that you respond with the above requested information and executed agreement within fourteen days following receipt of this letter. We thank you in advance for your attention to our requirements and we look forward to working with you further to shape the planning for development in our Territory.

Sincerely,



Megan DeVries
Archaeological Operations Supervisor
megan.devries@mncfn.ca

Attachment(s) MCFN *Standards and Guidelines for Archaeology* [2018]
FLR Participation Agreement [2020]

DEPARTMENT OF CONSULTATION AND ACCOMMODATION
Mississaugas of the Credit First Nation
4065 Hwy #6, Hagersville, Ontario N0A 1H0
Phone: (905) 768-4260

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Tuesday, December 15, 2020 2:36 AM
To: Megan DeVries
Cc: Mark LaForme; Fawn Sault; Newton, Dorin/TOR; Jones, Lee Anne/TOR
Subject: [EXTERNAL] RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Megan
I thank you for your letter and for the information. I want to make sure I acknowledge your letter however due to the time of the year and given that execution of agreements take longer than 14 days, we will be submitting the requested information once our legal department and required staff has reviewed it in the New year. We recognize and acknowledge that MCFN would like to attend stage 2 archeological investigation or any other studies that you feel may be of interest to you, and our consultant and archeological subconsultant are prepared to have you accompany them. We hope that this satisfactory.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

This email, including any attachments, is intended for the recipient specified in the message and may contain information which is confidential or privileged. Any unauthorized use or disclosure of this email is prohibited. If you are not the intended recipient or have received this e-mail in error, please notify the sender via return email and permanently delete all copies of the email. Thank you.

From: Megan DeVries <Megan.DeVries@mncfn.ca>
Sent: December 14, 2020 2:47 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Fawn Sault <Fawn.Sault@mncfn.ca>
Subject: RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Good afternoon,

Please find attached a letter from the Mississaugas of the Credit First Nation ("MCFN") regarding the upcoming assessment for Etobicoke Creek Trunk Sewer Improvements, as identified below.

Please note that this year, in order to continue maintaining DOCA capacity for fulsome project participation, DOCA will be introducing charges for technical review of project information. In the exercise of its stewardship responsibility, DOCA seeks to work together with project proponents and their archaeological consultants to ensure that archaeological work is done properly and respectfully. DOCA has retained technical advisers with expertise in the field of archaeology. These experts will review the technical aspects and cultural appropriateness of the archaeological assessments and strategies associated with your project. Upon completion of these reviews, MCFN will identify, if necessary, mitigation measures to address any project impacts upon MCFN rights. For cultural materials and human remains, DOCA may advise that this includes ceremonies required by Anishinaabe law, as well as request adjustments to the proposed fieldwork strategy.

The proponent is expected to pay the costs for MCFN to engage in a technical review of the project. DOCA anticipates at this time that all archaeological review will be undertaken by in-house technical experts, but will advise the proponent if an outside peer-review is required. Please find attached the agreement that covers MCFN's inhouse technical review of the archaeological assessments and strategies associated with your project(s). If you could please fill in the additional required information, highlighted in yellow, and return to us a signed copy, that would be greatly appreciated. After we have received it, we can execute the contract on our end and return the completed contract to you. Afterwards, I can arrange scheduling and other related matters directly with the consultant if you prefer.

Sincerely,
Megan.

Megan DeVries, M.A.
Archaeological Operations Supervisor

Department of Consultation and Accommodation (DOCA)
Mississaugas of the Credit First Nation (MCFN)
4065 Highway 6 North, Hagersville, ON N0A 1H0
P: 905-768-4260 | M: 289-527-2763
http://www.mncfn.ca

HOLIDAY ALERT: Please note that MCFN-DOCA will be closed from December 19th until January 3rd.

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of the Mississaugas of the Credit First Nation.

From: Fawn Sault
Sent: Wednesday, December 9, 2020 12:56 PM
To: italia.ponce@peelregion.ca
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Megan DeVries <Megan.DeVries@mncfn.ca>; Darin Wybenga <Darin.Wybenga@mncfn.ca>
Subject: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

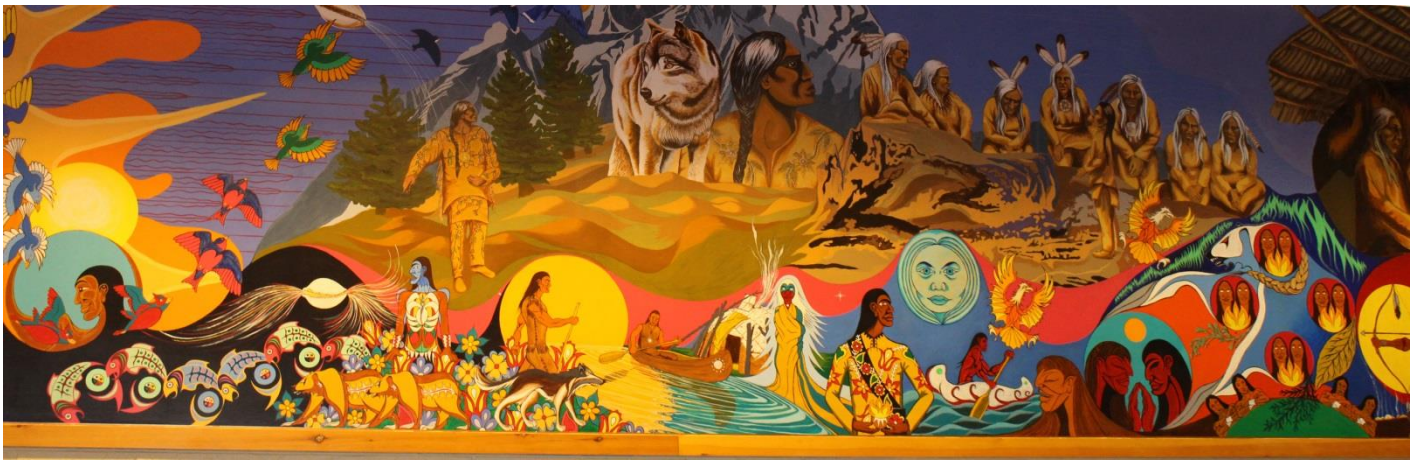
Dear Italia,

Please see the attached letter regarding your project EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Miigwech,

Fawn Sault
Consultation Coordinator
Mississaugas of the Credit First Nation
4065 Hwy. 6, Hagersville, N0A 1H0
Website: http://mncfn.ca/
Ph: 905-768-4260
Cell:289-527-6580

Holiday alert: Please note that DOCA will be closed from December 18th to January 3rd



MISSISSAUGAS OF THE CREDIT™ FIRST NATION

STANDARDS AND GUIDELINES FOR ARCHAEOLOGY



Revised February 27, 2020

MISSISSAUGAS OF THE CREDIT FIRST NATION

STANDARDS AND GUIDELINES FOR ARCHAEOLOGY

Direction to archaeologists working on the

Treaty Lands and Traditional Territory of the

Mississaugas of the Credit First Nation.

Prepared by the

DEPARTMENT OF CONSULTATION AND ACCOMMODATION

MISSISSAUGAS OF THE CREDIT FIRST NATION

2018

MCFN Standards and Guidelines for Archaeology

Respect for the Treaty relationship must be expressed through engagement in archaeological assessment and collaboration in the responsible stewardship of archaeological resources and cultural heritage values.

Mississaugas of the Credit First Nation (MCFN) are the traditional stewards of the land, waters and resources within the Treaty Lands and Territory. Confirmed under Treaty, this stewardship role extends to cultural and archaeological resources. This Aboriginal and Treaty right must be respected by planners, developers and archaeologists practicing in the Treaty area. Respect for the traditional stewardship role should embrace two precepts:

> MCFN have the right to be consulted on archaeological practice that affects our cultural patrimony, including the interpretation of archaeological resources and recommendations for the disposition of archaeological artifacts and sites within the Treaty area, and;
>
> Archaeological practice must include thoughtful and respectful consideration of how archaeological techniques can be used to reveal not only the data traditionally surfaced by archaeologists, but also culturally important data valued by MCFN.

Acting with respect will initiate change within contemporary archaeological assessment practice. However, the direction of this change is already embodied in existing policy direction. Restructuring the relationship between MCFN and archaeology begins with a renewed emphasis on engagement between MCFN and archaeologists, and compliance with the Standards and Guidelines that direct contemporary archaeological practice.

TABLE OF CONTENTS

1.0 INTRODUCTION 5
1.1 MCFN Standards and Guidelines for Archaeology 6
1.2 Territorial Acknowledgement 7
1.3 An Archaeological Perspective 8
1.4 Policy context 9
1.4.1 Ontario Heritage Act 10
1.4.2 Other legislation 11
2.0 ENGAGEMENT 13
2.1 Engagement in Archaeological Assessment 14
2.1.1 Project concept and planning stage 14
2.1.2 Project award / Filing a PIF 15
2.1.3 Stage 1 Background study and evaluation of potential 15
2.1.4 Stage 2 Property Assessment 16
2.1.5 Stage 3 Site-specific assessment 17
2.1.6 Stage 4 Mitigation of development impacts 19
2.1.7 Long Term Protection 20
2.1.8 Report submission and review 20
3.0 COMPLIANCE 23
3.1 MHSTCI Standards and Guidelines Stage 1 23
3.1.1 Section 1.1 23
3.1.2 Section 1.2 24
3.1.3 Section 1.3 Analysis and Recommendations: Evaluating archaeological potential 24
3.1.4 Section 1.4.1 25
3.1.5 Stage 1 reporting 25
3.2 MTCS Standards and Guidelines Stage 2 25
3.2.1 Section 2.1 26
3.2.2 Section 2.2 26
3.2.3 Stage 2 reporting 27
3.3 MTCS Standards and Guidelines Stage 3 28

3.3.1 Section 3.1 Historical documentation 29
3.3.2 Section 3.2 29
3.3.3 Section 3.3 30
3.3.4 Section 3.4 31
3.3.5 Section 3.5 32
3.3.6 Stage 3 reporting 33
3.4 MHSTCI Standards and Guidelines Stage 4 33
3.4.1 Section 4.1 Avoidance and Protection 33
3.4.2 Section 4.2 Excavation 34
3.4.3 Section 4.3 37
3.4.4 Stage 4 reporting 38
3.5 Aboriginal Engagement Reporting (Section 7.6.2) 38
3.5.1 Supplementary Documentation 39
4.0 Additional Direction 41
4.1 Collections management 41
4.1.1 Costs 41
4.2 Human remains and burials 43
5.0 Glossary 45
6.0 Map of the Treaty Lands and Territory 47

1.0 Introduction

This document seeks to reinforce a number of important objectives in the emerging relationship between archaeologists and Indigenous peoples worldwide. These objectives can be achieved within the Mississaugas of the Credit First Nation (MCFN) Treaty Lands and Territory when there is a commitment by archaeologists to communicate with the First Nation, support MCFN participation in fieldwork and analysis, and to be open to opportunities for mutual education. Communication, participation and education are all rooted in the principle of respect. There must be respect for the Treaties and the rights and duties that flow from them. Respect for the Mississauga people to determine the value of their archaeological and cultural heritage, and the appropriate treatment of this heritage in archaeological assessment. Respect also extends to the existing legislation, policy, and professional standards governing archaeological practice. Respect will support the necessary growth of all Treaty partners toward a future archaeological practice that is more inclusive and expressive of the interests of the Mississauga people.

The MCFN Standards and Guidelines require that there is an ongoing and timely flow of information among everyone participating in archaeological assessment. MCFN expect the Ministry of Heritage, Sport, Tourism, and Culture Industries (MHSTCI), consultant archaeologists, development proponents, and approval authorities to be forthcoming with early notification of new projects, and to maintain open communication as work progresses, becomes stalled or where problems that do or may affect the archaeology arise. As capacity allows, MCFN will provide information, raise or address concerns, and express support for specific practices or recommendations that support our interest in the archaeological site or development property. The Department of Consultation and Accommodation (DOCA) will lead on this engagement, through the work of department staff and Field Liaison Representatives (FLRs).

MCFN must be actively engaged in archaeological assessments within the Treaty Lands and Territory area to the extent we determine is necessary. The requirements for engagement are described in the MHSTCI S&Gs, and expanded in this document to better articulate MCFN's stewardship obligations. FLRs, who are deployed to observe fieldwork, provide cultural advice, and assist with compliance in archaeological assessment, are key partners in engagement. As engagement is a requirement of the S&Gs, DOCA will reserve the option of intervening in report review if consultant archaeologists fail to fully engage MCFN during assessment.

There is a widespread belief expressed by consultant archaeologists that First Nation 'monitors' should not question the professional judgment of project archaeologists or field directors; however, this belief is based in a misunderstanding of the FLR's role. The FLR is present to represent MCFN's stewardship interest in the archaeological resources and cultural heritage values present on a property, and this role cannot be devolved to an archaeologist on the basis of academic qualification. In the field, stewardship of the archaeological resource is expressed in interaction. FLRs should be invited to participate in some aspects of fieldwork and provided with specific information on the project status, fieldwork strategies and objectives through ongoing interaction and exchange. FLRs may monitor adherence to the quantitative standards set out in MTCS direction and advice on the

qualitative assessment of resources to provide meaningful cultural context for analysis and interpretation. On-site exchanges provide valuable opportunities for learning on diverse topics such as sampling and cultural awareness. To be clear, continuous learning is envisioned for both archaeologists and FLRs.

1.1 MCFN Standards and Guidelines for Archaeology

This document sets out the MCFN standards and guidelines for archaeology. The standards provide guidance to consultant archaeologists carrying out archaeological assessments within the MCFN Treaty Lands and Territory. They build on existing direction in the MHSTCI *Standards and Guidelines for Consultant Archaeologists* (S&Gs), clarifying and expanding areas where the existing direction does not direct archaeologists to the levels of care required by MCFN as stewards of the resource. While primarily directed at archaeologists, they also include direction for development proponents, and provincial and municipal government agencies as participants in the archaeological assessment process.

Frequent reference is made to the MHSTCI S&Gs. The S&Gs should be read together with the guidance in this document to gain a more complete understanding of an archaeologist's obligations when practicing on the MCFN Treaty Lands and Territory.

These standards provide clarification where the S&Gs are incomplete on issues that archaeologists may encounter in their work, but are of great concern to MCFN. The principal changes include expanded direction on engagement, and a renewed focus on compliance with professional standards. The standards also discuss human remains, intangible values, and sacred and spiritual sites.

The MCFN S&Gs introduce the following clarifications:

- Human remains – the current MHSTCI S&Gs are silent on treatment of human remains, beyond referring consultants to the *Coroners Act*, and the *Funeral, Burial and Cremation Services Act* protocols. MCFN S&Gs introduce clear expectations for the treatment of all remains, including burials and isolated elements. All human remains, regardless of their nature or association with a visible evidence of a burial site, must be treated with the same high level of care. The presence of human remains on a property indicates a high likelihood of burials on the property, even if the traces of the burial have been obscured. Burials must be treated in the same manner as the legislation requires, but the discovery of any human remains should initiate these actions. FLRs will direct the disposition of remains at each site.

- Intangible values – the current S&Gs are silent on intangible values associated with archaeological sites and how they overlap with cultural heritage places. MCFN S&Gs introduce expectations that archaeological landscapes, site context, and intangible values are considered in analysis, reporting, and making recommendations for archaeological resources. This direction applies to all stages of assessment.

- Sacred and Spiritual sites – the current S&Gs require engagement to identify sacred, secret, and spiritual sites, and provide for their use in evaluating archaeological potential. The S&Gs also provide for the

protection of these values; however, they are largely silent on how to proceed where these values are identified. As this document describes, engagement is the basis for identifying these values, defining the necessary protocols and procedures for analyzing archaeological data to identify sacred or spiritual dimensions to an archaeological site, and for developing appropriate mitigation strategies when sites of cultural importance are identified by FLRs or other band members.

One theme of these guidelines is that consultant archaeologists are asked to *do more*. This is an invitation to move beyond basic compliance to producing value-added outcomes to archaeological assessment work. When the S&Gs are simply viewed as a series of targets to hit in assessment, the potential contribution of any one assessment to increasing our understanding of the archaeology and culture history of the Treaty lands and traditional territory is diminished.

This document is organized in three sections which discuss the policy context of archaeological practice, engagement, and compliance with the S&Gs. The section on engagement discusses when and how MCFN, as stewards of the archaeological resource, should be engaged. Currently, the S&Gs identify engagement as largely optional, even at points in the process where archaeologists, proponents or approval authorities are making decisions that may infringe on Aboriginal or Treaty rights. In the guidance provided here, engagement is required at each assessment stage. Engagement is expressed as an active participation by DOCA and FLRs in property evaluations, fieldwork and analysis, and in developing recommendations on the disposition of archaeological resources.

Compliance with the S&Gs is overseen by MHSTCI through the review of archaeological assessment reports. Reports that address all relevant standards are deemed compliant. The standards – requirements that consultant archaeologists *must* follow, are "the basic technical, process and reporting requirements for conducting archaeological fieldwork". They are the minimum acceptable levels of effort required to recover data and stabilize archaeological resources as they are lost to development pressures. MCFN's call for better compliance with the existing standards, and the identification of new standards of practice in fieldwork and engagement, will ensure that archaeological assessment is not simply an exercise in hitting regulatory targets, but actively supports MCFN's stewardship of the archaeological resource.

MCFN is committed to monitoring the implementation experience with these standards, and they will be updated and revised periodically as required.

1.2 Territorial Acknowledgement

Archaeological assessment reports for fieldwork within the Mississaugas of the Credit First Nation Treaty Lands and Territory should include a territorial acknowledgement, such as:

> The archaeological assessment reported here was undertaken on the Treaty Lands and Territory of the Mississaugas of the Credit.[1]

Greater detail may be included in the acknowledgement, although the wording may require approval from MCFN. For example, a statement such as the following extends the acknowledgement to underscore the stewardship role of MNFN on our Treaty Lands and Territory:

> We acknowledge that the archaeological fieldwork reported here was undertaken within the Treaty Lands and Territory of the Mississaugas of the Credit First Nation. The Mississaugas of the Credit First Nation are the stewards of the lands, waters and resources of their territory, including archaeological resources and cultural heritage values.

Recognition of other descendant groups who show a connection to archaeological resources within the Treaty area may also be presented following the MCFN territorial acknowledgment.

1.3 An Archaeological Perspective

Anishinabek culture resides in the land and water. It resides in people, stories, songs, memories and traditions. It resides in objects, books, reports and records. Places on the landscape hold cultural knowledge. Culture and heritage resides in, and is expressed by, the interaction of people with the land through their traditional practice.

The majority of archaeological sites in Ontario are 'pre-contact', meaning that these resources represent traditional Indigenous culture, land use and occupation exclusively. These resources mark places that are, or can be associated with traditional narratives or cultural practices. The narratives or practices may relate to specific locations, more generally to resource use, traditional work, ceremonies and cultural observance, or simply to the basic business of everyday life. Archaeological sites are places where archaeological resources – the material traces of past occupations – are located. But they are also traditional and cultural places. Archaeological resources cannot be separated from the place where they are deposited without severing the intangible connections between culture and the land. Cultural places root contemporary Mississauga culture in the land. As such, they should be viewed as still being 'in use' or 'occupied'. Working to remove the resources from the land is a significant action and must be undertaken with integrity and attention to the actual costs and consequences of this work.

Archaeological resources are finite. While it is true that new archaeological sites – the sites of the future – are being created through ongoing human use and occupation of the land, this use overwrites earlier occupations, distorting or destroying them. Ongoing use of a landscape does not restore or renew archaeological sites. Ongoing use of the landscape erases cultural and traditional places where Indigenous culture is embedded.

Archaeological practice can also distort or destroy archaeological sites. While the inventory, assessment and excavation of the resource preserve valuable archaeological data for future use and study, it can also be said that

[1] Mississaugas of the Credit Treaty Lands and Territory Recognition Statement and Logo Usage Policy, April, 2017. http://mcfn.ca/wp-content/uploads/2017/05/treaty-lands-and-territory-statement-December-2017-a.pdf

archaeological practice creates a new resource that displaces the original cultural and traditional place. Archaeological resources are the raw material from which sites, artifacts and archaeological narratives are manufactured. Archaeological collections, when combined with documentation of engagement, fieldwork and analysis, represent the resource in an archaeological narrative about the site, how it was identified, excavated and interpreted. But the site is gone, and the collections and documentation provide only an incomplete picture of the cultural values that once existed in that place.

Archaeologists must remain aware that the actual resource – archaeological resources *in situ*, is diminishing and growing smaller with each excavation. One more collection means one less site in the ground. Each new site identified must be considered in this context: it is an increasingly rare thing. In the minds of many experienced archaeologists it may seem that new *archaeological* insight will be difficult to achieve from more excavation and collection at sites of a certain type. More broadly, however, new, meaningful and important *cultural* knowledge is available. Cultural knowledge can be obtained by asking new questions of the resource, although it may not be within the archaeologist's existing skill set to ask – or to answer – these questions at present.

Archaeology maintains a tight focus on material remains, and may not venture to address traditional land use or cultural patterns that are not visible in artifacts and features. But cultural and traditional insights are recoverable through alternative techniques and approaches to site investigation. These include community engagement and adopting diverse perspectives on archaeological resources, including seeking understanding of the intangible values of a place, and the consideration of sites in their wider landscape context. These insights cannot be gained by simply tacking Indigenous knowledge and narratives onto archaeological sites after the archaeological work is complete. Indigenous perspectives must be integrated into assessment and research designs from the outset.

Recognizing and holding space for MCFN's stewardship role in archaeological assessment is a critical first step in the work of reconciling the archaeologist's and the Anishinaabe perspectives on archaeology.

1.4 Policy context

The protection and conservation of archaeological resources is enacted through a range of law and policy in Ontario. Principal among these is the Ontario Heritage Act, which regulates archaeological practice and archaeological resource protection. Additional protection is provided under a range of other legislation and policy that governs specific areas of development planning, such as the Planning Act and the Environmental Assessment Act.

Archaeology law is primarily directed to the material aspects of archaeology, such as archaeological sites and artifacts. Guided by applicable statute and policy, the assessment, protection and excavation of archaeological sites impact real property, and generate collections of material objects that are held, in trust, for future generations of scholars and citizens. However, when viewed as property, archaeological site protection can reduce the nature, contents and meaning of archaeological sites to the material remains alone. To many descendant groups

archaeological and cultural heritage sites contain much more than material resources, including traditional, cultural, sacred, and spiritual values that are difficult, if not impossible to capture using standard archaeological techniques. In this way, statute and policy governing interaction with archaeological resources are deficient to the extent that they do not recognize and protect the full array of cultural heritage values that reside in the sites, artifacts, and places that mark past occupation of the land. It is notable that there is no comparable statute or policy – apart from policy direction concerning human remains, that addresses Indigenous interests in archaeological resources and cultural heritage values.

1.4.1 Ontario Heritage Act

Under the Ontario Heritage Act, archaeological resources are all of the material traces of past human occupation or use of a place, while archaeological sites and artifacts are a subset of these resources, specifically those which hold cultural heritage value or interest (CHVI). Criteria for determining CHVI of archaeological resources are presented in the *Standards and Guidelines for Consulting Archaeologists* (S&Gs).

The Ontario Heritage Act (OHA)[2] defines and sets out the measures required conserving the heritage resources of Ontario. Archaeological practice and access to archaeological resources is regulated under the terms of the Act, regulations to the Act, terms and conditions of licensing, and standards and guidelines developed by MHSTCI. Achieving the conservation objectives of the Act is a shared responsibility between the ministry and other regulatory agencies. Archaeological practice is regulated directly by MHSTCI, while regulatory review of development proposals by other agencies to 'trigger' archaeological assessments is directed by policy created under the authority of other statue, such as the Environmental Assessment Act, Planning Act, and Aggregates Resources Act, among others.

The conservation of resources of archaeological value[3] is described in Part VI (Sections 47 to 66) of the Act, and concerns two categories of activity: archaeological practice, and archaeological site alteration. The OHA views these two categories as linked: a licence is required to alter a site, and alteration without a license is a violation of the Act. Thus, the regulatory mechanism for achieving archaeological resource conservation is through the regulation of practice.

Preparing and submitting reports of archaeological fieldwork is a key condition of licensing. Apart from the preservation of artifacts, the primary public benefit arising from archaeology is the creation of archaeological reports and data. Section 65.1(1) of the Act stipulates that reports prepared under license are entered into the Ontario Public Register of Archaeological Reports (the Register). In Section 66, the Act states that the minister may

[2] RSO 1990, c. O18

[3] Resources of archaeological value are described in Regulations to the Act. However, Part VI defines "property" as "real property, but does not include buildings or structures other than ruins, burial mounds, petroglyphs and earthworks" (R.S.O. 1990, c. O.18, s. 47.). In this definition two site types which include intangible cultural value, (petroglyphs [a representational form created using an arrangement of stones on the ground] and burial mounds), are identified as archaeological sites.

direct archaeological collections to a public institution, "held in trust for the people of Ontario". While the Act identifies the province as stewards of the archaeological resource, it is silent on the question of ownership.

Archaeological resources are generally considered objects that can be transported (easily) from one location to another. The resource is not directly defined in the text of the Act; however, in Section 47 a distinction is drawn between types of heritage property, real properties exclusive of "buildings or structures other than ruins, burial mounds, petroglyphs and earthworks". Since structures and buildings are the concern of Part IV and V of the Act, ruins, burial mounds, petroglyphs and earthworks remain behind as archaeological resources. Ontario Regulation 170/04 defines an archaeological site as "any property that contains an artifact or any other physical evidence of past human use or activity that is of cultural heritage value or interest". Artifacts are defined as "any object, material or substance that is made, modified, used, deposited or affected by human action and is of cultural heritage value or interest" (O. Reg. 170/04, s. 1). The inclusion of burial mounds and petroglyphs as archaeological sites signals that the boundaries between archaeology and cultural, sacred or spiritual places are less distinct than the Act presents. For this reason, this document refers to both archaeological resources and cultural heritage values, which includes all of the material and intangible values present at archaeological sites and other places of cultural significance.

1.4.2 Other legislation

Human remains are to be expected in a range of archaeological contexts, including habitation sites and as isolated graves. Laws pertaining to human remains include the Coroners Act,[4] the Funeral, Burial and Cremation Services Act,[5] and the Ontario Heritage Act. Buried human remains are within the jurisdiction of the Registrar of Cemeteries, authorized under the Funeral, Burial and Cremation Services Act. By locating concern for human remains outside of the Ontario Heritage Act the law acknowledges that human remains are not archaeological resources and require special treatment and handling upon discovery.

The Funeral, Burial and Cremation Services Act requires any person who uncovers a burial containing human remains to immediately stop work and contact the appropriate authorities, such as the police or Coroner. The Coroner, authorized under the Coroners Act, will determine whether the person whose remains were discovered died under any of the circumstances set out in Section 10 of the Coroners Act. If the remains or burial is determined to be of no forensic interest, control of the process returns to the Registrar of Cemeteries, who then determines the origin of the burial site, and declares the site to be an aboriginal people's burial ground, a burial ground, or an irregular burial site.[6] Upon making the declaration, a site disposition agreement is negotiated among representatives of the landowner and the deceased. MCFN, as stewards of the archaeological resources and cultural heritage values of the Treaty area, would be party to the disposition agreement as a representative of

[4] R.S.O. 1990, c. C.37

[5] S.O. 2002, Chapter 33

[6] S.O. 2002, Chapter 33, c. 34

the deceased. Disinterment of human remains under the terms of a site disposition agreement must be completed by a licensed archaeologist.

Development planning is addressed in a number of provincial laws. The Planning Act [7] directs the development of land by ensuring, among other things, that land use planning is led by provincial policy, and that matters of provincial interest are considered in planning. The Act directs that planning will be conducted with "regard to, among other things… the conservation of features of significant architectural, cultural, historical, archaeological or scientific interest" (Section 2(d)). Cultural, historical and archaeological features extend the range of elements that approval authorities and developers must have regard to, including a range of cultural heritage values of interest to MCFN. The Act also empowers local authorities to make by-laws prohibiting development on properties containing significant archaeological resources (Section 34), allowing for avoidance and long term protection.

The Planning Act seeks to ensure that 'various interests' are considered in planning, and devolves the responsibility for planning decisions to accountable municipal authorities, although the overall authority of the Minister remains intact. Under regulations to the Planning Act, a complete application for subdivision must include information on the archaeological potential of the property, and a determination of whether any restrictions on development related to archaeological resources exist. Where development is permitted, properties with archaeological potential also require a completed archaeological assessment, and a conservation plan for any archaeological resources identified in the assessment (O.Reg. 544/06, Sched. 1). Generally, a draft plan is initially submitted, and archaeological assessment is completed prior to final plan submission. The timing of the archaeological work is not defined in the Act or Regulation, nor is the excavation and removal of the site from the property part of this direction. It is reasonable to assume that the evaluation of archaeological potential, archaeological assessment, and decisions concerning the disposition of archaeological resources on a development property should actively involve MCFN.

The Environmental Assessment Act (R.S.O. 1990 Chapter E.18) provides for the wise management of the environment in Ontario. It is the principle legislative process for major development that does not primarily involve the subdivision of land or extraction of a specific resource. Under the Act, the environment includes the social environment, including "social, economic and cultural conditions", and "any building, structure, machine or other device or thing made by humans" (R.S.O. 1990 Chapter E.18, s. 1(1)). Class environmental assessments may be declared where development of a number of projects are planned or anticipated, and where the planning and anticipated effects are generally similar. Each environmental assessment or project under a class environmental assessment must address terms and conditions to approval, which include requirements to complete an archaeological assessment, and identify conservation measures for any archaeological resources identified within the project area. The Act also requires that the proponent consult "with such persons as may be interested" in the undertaking when preparing the Terms of Reference.

[7] R.S.O. 1990, c. P.13

2.0 Engagement

The MCFN *Consultation and Accommodation Protocol* [8] sets out expectations for engagement in archaeological assessment. The Protocol describes the MCFN stewardship of archaeological resources and cultural heritage values, and unequivocally asserts "that our Aboriginal and Treaty rights fundamentally entitle us to preserve our culture and heritage". The Protocol further clarifies that DOCA is the body that leads all engagement, and that "MCFN expects to be engaged with the Crown and/or Proponents early in the project development and assessment process". The Protocol also states that "MCFN is the only party who shall determine whether there are impacts on out Aboriginal or Treaty rights". The last point is especially important in relation to evaluating archaeological potential, determining cultural heritage value or interest, and formulating Stage 4 mitigation strategies. Neither licensing nor the technical work of archaeological assessment grants to a consultant archaeologist the privilege of speaking on behalf of the First Nation regarding actual or potential development impacts to archaeological or cultural resources.

Engagement is the key to successful archaeological assessment. For archaeological assessment projects on the Treaty Lands and Territory, early and ongoing engagement is expected. Engagement is necessary at all stages of archaeological assessment, and extends to the period before and after an assessment is formally constituted. The requirement to engage is not limited to the consultant archaeologist, but includes approval authorities, proponents and others who may make decisions that hold the potential to infringe on the Aboriginal or Treaty rights of MCFN. Engagement in archaeological assessment may be viewed as an aspect of consultation, but does not relieve the Crown of its duty to consult and accommodate MCFN on the development project.

In conformance with the MHSTCI Bulletin, Engaging Aboriginal Communities in Archaeology, MCFN will determine the form for engagement.

Positive, collaborative engagement is more than a data exchange or transfer of information from MCFN to the archaeologist. Rather, it is a means of developing relations of trust among all parties to the development project that continue throughout the span of an assessment, and may carry over into subsequent projects. In this document, engagement requirements exceed the standards described in the MHSTCI S&Gs. Some consultant archaeologists may wish to engage only at Stage 3, as required by the S&Gs; however, as set out in the following section, engagement is a cumulative process and allowing engagement responsibilities to accumulate until Stage 3 may lead to unanticipated delays in project timelines. Late engagement may oblige DOCA to schedule extra time to review earlier fieldwork results and recommendations to ensure that MCFN stewardship concerns have been addressed before moving to engagement on Stage 3 questions.

The S&Gs require that the engagement process and outcomes must be summarized in an Aboriginal engagement report, a required part of each assessment report. These reports may be audited by DOCA to ensure that they

[8] Department of Consultation and Accommodation. n.d. Consultation and Accommodation Protocol. Mississaugas of the Credit First Nation, Hagersville.

conform to DOCA's records of engagement. Serious shortcomings in engagement or inaccuracies in the Aboriginal engagement report may be referred to MHSTCI with a request that the report be flagged for detailed review or revision.

2.1 Engagement in Archaeological Assessment

Archaeological assessment proceeds from the review of the original development proposal, through to the final decisions on the mitigation of development impacts and the long term curation of collections. Engagement will ensure that important cultural considerations are incorporated into fieldwork and analysis, and the recommendations that are offered for development properties and archaeological sites.

The format of this section follows the general sequence of actions undertaken for a typical development project, including the four formal stages of archaeological assessment. The timing and nature of engagement through this sequence is highlighted and discussed. Note that MCFN expect engagement throughout this planning and assessment process.

2.1.1 Project concept and planning stage

This task primarily involves the proponent and the approval authority.

Most land-use planning and development processes in Ontario identify the conservation of archaeological resources as a provincial interest. A completed archaeological assessment, including a compliance review by MHSTCI, is a common condition of project approval and is rarely a 'late addition' to the list of required studies. Since archaeological assessment can be anticipated as a requirement of approval, DOCA notification should be an essential and automatic early phase activity for approval authorities and proponents.

Proponents should engage with DOCA to introduce the project, and identify the proposed schedule for background studies, archaeological assessment, site preparation and their anticipated start of construction. DOCA review of the project concept will allow approval authorities and development proponent's time to evaluate the anticipated impacts of the project relative to Aboriginal and Treaty rights. Project redesign, where necessary, will also be simpler at this early stage. Notification to DOCA should, at a minimum, include basic information on the proposed development, including the type of development and the associated regulatory process, project location, proponent identity and contact information, and any key milestones in the project plan. Early and ongoing contact with DOCA will aid in building positive working relationships that will benefit the proponent going forward.

Approval authorities can facilitate positive engagement by including DOCA notification as standard practice, and advising proponents to communicate with DOCA early in the process.

Of equal importance, the MHSTCI S&Gs reference the MHSTCI "Criteria for Evaluating Archaeological Potential" checklist, which was developed for non-specialists such as approval authority staff. A completed checklist is meant to provide planners with a basic tool for evaluating archaeological potential of a development property. The checklist includes a number of considerations that cannot be addressed using only cartographic information,

registered archaeological site data or knowledge of local history. Approval authority staff responsible for completing the checklist must engage DOCA for input concerning points 5, 6, 7, 9 and 11 of the checklist, at a minimum, to ensure that the checklist is completed comprehensively.

2.1.2 Project award / Filing a PIF

This task primarily involves the consultant archaeologist and MHSTCI.

Project Information Forms (PIF) is required by MHSTCI to track archaeological fieldwork. A PIF must be submitted at least 5 days, but no more than 15 business days before the start of fieldwork, as stated on the form. All PIFs are processed, and a file number assigned, within 5 business days of receipt.

Filing a PIF with the ministry is a term and condition of licensing. The PIF file number is used by the ministry to track archaeological fieldwork, and sets the dates for report submission. A completed PIF includes the project location, and identifies the approval authority and proponent. The S&Gs note that the PIF must be received by the ministry, and a PIF number assigned before fieldwork begins (S&Gs 7.1, s.1).

At the time that a PIF is submitted, notice should also be made to DOCA, providing the information contained in the PIF application, including the proposed start date for fieldwork, location of the subject property, and the name and contact information of the proponent and approval authority staff. This information will allow DOCA to open a file on the project, and assist in managing engagement, workflow and FLR deployment.

DOCA will work toward an agreement with MHSTCI to ensure that accurate PIF information for archaeological assessment projects proposed for the Treaty area is transmitted to DOCA in a timely manner. DOCA may advise MHSTCI of PIFs that have or appear to have been incorrectly filed in advance of the 15 day window, or where engagement has not been initiated by a licensee.

DOCA staff will determine whether the potential impact of the proposed development will be high or low. For low impact projects, information sharing may be sufficient. For high impact projects, high impact undertakings, DOCA work directly with the proponent to determine the requirement for FLRs during the fieldwork portion of the archaeological assessment, and identify accommodation requirements to protect Aboriginal and Treaty rights relating to archaeological resources and cultural heritage values.

2.1.3 Stage 1 Background study and evaluation of potential

This task primarily involves the consultant archaeologist and the proponent.

Engagement at Stage 1 is required. The guidelines (Section 1.1, guideline 1, bullet 3, and Section 1.4.1, guideline 1), should be treated as standards for the purposes of Stage 1 assessment within MCFN Treaty Lands and Territory. The basis for this is the requirement for engagement at Stage 3, as described in Section 3.4, s. 2 of the S&Gs, which states:

> Aboriginal communities must be engaged when assessing the cultural heritage value or interest of an Aboriginal archaeological site that is known or appears to have sacred or spiritual importance, or is associated with traditional land uses or geographic features of cultural heritage interest, or is the subject of Aboriginal oral histories. This will have been determined through background research in Stage 1, detailed documentary research on the land use and occupation history early in Stage 3, and/or analysis of artifacts and other information recovered through archaeological field work.

In this standard, information on a range of traditional and cultural concerns is identified as the basis for decision-making, and this information is noted as having "...been determined through background research in Stage 1". MCFN is the only party who can determine if a property holds cultural heritage value or interest based on the criteria expressed in the standard. The Stage 3 standard refers to actions taken and information gathered during Stage 1. From this, it is clear that the process of evaluating the CHVI of an archaeological site is an ongoing process that begins in Stage 1. This process must actively engage MCFN participation.

For properties with archaeological potential, Stage 2 property assessment is required (Section 1.3, s. 1). In some cases, the consultant may recommend reducing the Stage 2 fieldwork requirements based on the evaluation of low potential on parts of the development property (Section 1.4.1, guideline 1). A guideline to this section recommends engagement "to ensure that there are no unaddressed Aboriginal cultural heritage interests", which would necessarily require engagement. The results of engagement may also lead to the expansion of the area of Stage 2 fieldwork. The MHSTCI Aboriginal Engagement Bulletin suggests that one method of addressing community interest in a development property is to "extend a Stage 2 survey to include lands that have been identified as of interest to the Aboriginal community, even though those lands may have low potential".[9] For this to happen, engagement must be undertaken, and a clear understanding of the nature of the interest, and appropriate techniques to address them must be achieved prior to fieldwork.

A copy of the Stage 1 assessment report, including the Aboriginal engagement report, must be provided to DOCA at the time it is submitted to MHSTCI for review. DOCA may review the report for accuracy, and transmit the result of this review to MHSTCI.

2.1.4 Stage 2 Property Assessment

This task primarily involves the consultant archaeologist and proponent.

Stage 2 is directed towards identifying all of the archaeological resources present on the development property. Engagement at Stage 2 includes the participation of FLRs in fieldwork. DOCA, and FLRs funded by the proponent, will work with the consultant archaeologist to represent MCFN's stewardship interest, to support compliance with the S&Gs Section 2.1, and to provide advice and information on cultural heritage values.

[9] MHSTCI. 2011. Engaging Aboriginal Communities in Archaeology: A draft technical Bulletin for consultant archaeologists in Ontario. Ministry of Tourism and Culture, Toronto.

Engagement must include providing a daily briefing to FLRs ('tailgate talk') outlining the work schedule for the day in the context of the overall assessment, and a summary review at the end of each work day. Allowance for FLRs to record finds, unusual or diagnostic artifacts, and related information should be made throughout the workday. Information sharing builds relations of trust, and demonstrates respect for the FLR's role in the assessment.

For sites with human remains (Section 2.2, s. 2(e)), engagement will be a required part of the on-site interaction with the FLRs. FLRs will provide direction regarding the handling and disposition of the remains.

In Section 2.2, the S&Gs recommend that consultant archaeologists engage on two questions: if the Aboriginal interest in archaeological resources found during Stage 2 is correctly determined and if there are no other Aboriginal archaeological interests in the subject property. The engagement described in Section 2.2, guideline 1 of the S&Gs must be treated as a standard. DOCA must be engaged regarding the analysis of the Stage 2 fieldwork results.

It is also important to remember that the fieldwork and analysis at Stage 2 leads to the separation of 'artifacts' and 'archaeological sites' from among the archaeological resources identified on the subject property. Stage 3 assessment is only required for sites holding CHVI, and all other resources may be considered sufficiently assessed and documented.

It is important that at MCFN interests are addressed before making final decisions concerning the CHVI of archaeological resources. DOCA must be engaged when determining Stage 3 requirements for archaeological resources identified in Stage 2 fieldwork. Section 2.2, guideline 1 must be treated as a *standard* within the Treaty Area. The guideline states, in part, that "the consultant archaeologist may engage … Aboriginal communities to determine their interest (general or site specific) in the … archaeological resources found during Stage 2 and to ensure there are no unaddressed … archaeological interests connected with the land surveyed or sites identified". Engagement when determining CHVI and the requirement for further assessment at Stage 3 will ensure that the results of the assessment and the observations of the FLRs correctly reflect MCFN's role in archaeological resource stewardship.

Generally, the quantitative targets found in Section 2.2, s. 1 do not override MCFN interests regarding resources.

The outcome of Stage 2 property assessment includes the identification of all archaeological resources on the subject lands and a preliminary determination of CHVI for some archaeological sites. Reports, which should detail the basis for the conclusions and recommendations, must be provided to DOCA for review and comment. DOCA may choose to review the report, and it may be necessary to revise reports based on the review. The results of the DOCA review may also be transmitted to MHSTCI.

2.1.5 Stage 3 Site-specific assessment

Stage 3 involves the consultant archaeologist and proponent.

Stage 3 site-specific assessment establishes the size and complexity, and CHVI of archaeological sites identified at Stage 2. The Stage 3 report includes detailed recommendations for Stage 4 mitigation of development impacts.

The S&Gs require engagement at Stage 3. Specifically, the historical documentation research required in Section 3.1, s. 1(a), 1(b) and 1(e), cannot be completed without engagement. MCFN is the only party who can determine whether an archaeological site is sacred to the Nation, and must be engaged. The limitation to engagement included in the text of the standard (research sources "when available"), should be viewed as direction to engage DOCA to confirm the availability of the information necessary to comply with Section 3.1, s. 1(b) and 1(e). Note that engagement is in addition to diligent archival, historical and online research by the consultant archaeologist.

For compliance with Section 3.4, including the application of the criteria and indicators listed in Table 3.2, engagement is required. Note that Section 3.4, s. 1(a), concerning human remains, engagement in the field at the time of discovery is required through the FLRs on-site. Section 3.4, s. 2 requires engagement in the analysis of archaeological sites, and indicates that this engagement must be the culmination of an ongoing practice between the consultant archaeologist and DOCA. Engagement throughout Stage 3 is required, and consultant archaeologists entering into a Stage 3 assessment must engage DOCA for the subject lands overall. Preferably, this engagement starts at Stage 1.

Engagement at Stage 3 also includes the participation of FLRs in fieldwork. DOCA, and FLRs funded by the proponent will work with the consultant archaeologist to represent MCFN's stewardship interest, to support compliance with the S&Gs Sections 3.2 and 3.3, and to provide advice and information on cultural heritage values. Engagement must include providing a daily briefing to FLRs ('tailgate talk') outlining the day's work objectives, progress of the assignment, and a review at the end of each work day. Allowance for recording finds, features, unusual or diagnostic artifacts, and related information should be made throughout the work day. Information sharing builds relations of trust, and demonstrates respect for the FLR's role in the assessment.

Determining Stage 3 strategies based on direction found in Section 3.3 requires engagement with FLRs who will observe and report on compliance with the technical standards and the agreed strategy. In support of this, it is expected that the consultant archaeologists will review the Stage 2 data, and the rationale for the site being assigned to a particular Table 3.1 category with the FLRs. It is not appropriate to assume that DOCA or individual FLRs have reviewed earlier reports, or additional unreported facts that may be available to the consultant.

MCFN asserts an interest in the disposition of all archaeological sites on the Treaty Lands and Territory. Determining whether an archaeological site requires Stage 4 mitigation, and the form this mitigation will take has significant consequences for archaeological resources and cultural heritage values. For this reason, DOCA must be actively engaged in the deliberations leading to Stage 3 recommendations.

Section 3.5, s. 1 sets out the requirements for engagement when formulating Stage 4 mitigation strategies. Section 3.5, s. 1(f) requires engagement for all "sites previously identified as being of interest to an Aboriginal community". MCFN have asserted the Aboriginal and Treaty right of stewardship of all archaeological resources and cultural

heritage values on the Treaty Lands and Territory of MCFN, whether or not these sites are known prior to assessment. This requirement is not limited by Section 3.5, guideline 1 which suggests that engagement in planning Stage 4 mitigation strategies is discretionary. Engagement is required in developing all Stage 3 recommendations, including recommendations that a site is considered completely documented at the end of Stage 3.

The preamble to Section 3.5 notes that:

> The avoidance and protection of sites is always the preferred approach to the Stage 4 mitigation of impacts to archaeological sites. Where Stage 4 is recommended, the consultant archaeologist will need to review the viability of Stage 4 protection options with the client.

While this text is not a standard under the S&Gs, it is important to note that these discussions hold the potential to infringe on the asserted Aboriginal and Treaty right of MCFN to act as stewards of the archaeological resources of the traditional and Treaty area. Therefore, DOCA must be provided the opportunity to participate in these discussions to ensure that the evaluation of the opportunities for site avoidance and protection were evaluated correctly, and to clarify the Stage 4 requirements alternatives. Where it is deemed necessary, the approval authority or relevant Crown agency should also be included in these discussions.

The outcomes of Stage 3 site-specific assessment include a determination of CHVI for all archaeological sites on the subject lands, and detailed recommendations for Stage 4 mitigation of development impacts, or that the site is fully documented and no further work is required (Section 7.9.4). Note that MCFN is the only party who can determine whether an archaeological site holds cultural heritage value beyond the archaeological value determined through Stage 3 assessment, and this recommendation must be subject to engagement. Reports, including the analysis and supporting data leading to the conclusions and recommendations, must be provided to DOCA for review. DOCA may choose to review the report, and it may be necessary to revise reports based on the review.

2.1.6 Stage 4 Mitigation of development impacts

Stage 4 involves the consultant archaeologist, proponent and the approval authority.

Stage 4 mitigation of development impacts may include either avoidance and protection (Section 4.1), or excavation and documentation (Section 4.2) of the archaeological site. In some cases a combination of avoidance and excavation (partial long term protection) is possible (Section 4.1.6).

During fieldwork, FLRs should be briefed daily on the work schedule for the day and overall progress of the assessment relative to expectations. A daily summary review at the end of each work day should be provided as well. Field directors should also advise FLRs when significant changes in fieldwork strategies are impending (such as decisions to begin mechanical topsoil stripping of a site) with as much lead time as possible. FLR work recording finds, features, and related information should be supported.

In avoidance and protection, FLRs will attend fieldwork for setting buffers and monitoring activity near the sites as required ensuring compliance with the S&Gs and site specific agreements. In Stage 4 excavation, engagement includes the work of FLRs who will observe and report on compliance with the technical standards found in Section 4.2 during fieldwork, and any additional requirements set out in the Stage 4 recommendations. This includes specific recommendations regarding undisturbed archaeological sites (Section 4.2.9), and rare archaeological sites (Section 4.2.10). If it was not completed at Stage 3, FLRs will advise on the necessary requirements for determining the extent of excavation. FLRs will also advise on specific practices, such as handling human remains and managing artifacts in back dirt when mechanical site stripping is employed.

The S&Gs state that the outcome of Stage 4 avoidance and protection, or excavation and documentation is a final report including a detailed account of the fieldwork, artifacts and features recovered and analyzed and a statement that the archaeological site "has no further cultural heritage value or interest" (Section 7.11.4, s. 1). It is necessary to stress that MCFN is the only party who can determine whether an archaeological site holds cultural heritage value beyond the archaeological value addressed through Stage 4 excavation.

Stage 4 excavation reports must be provided to DOCA at the time it is submitted to MHSTCI for review. Based on FLR reports or other factors, DOCA may choose to review the report for accuracy or to determine if remaining cultural heritage value is correctly identified in the recommendations to the report. Where necessary, DOCA may request that the report is revised, or communicate directly with MHSTCI and the approval authority regarding a continued interest in the property or site.

2.1.7 Long Term Protection

MCFN stewardship of archaeological resources and cultural heritage values does not end with at the conclusion of the archaeological assessment. DOCA must be engaged at Stage 4 for planning and fieldwork relating to avoidance and protection. Providing the option of participating in planning long term protection strategies, will ensure that these strategies meet MCFN's stewardship obligations and cultural expectations for the treatment of the site. This concern must be included in the long-term protection agreement / mechanism formulated under Section 4.1.4. The agreement mechanism should address access to the site for cultural purposes, and require DOCA engagement in the future whenever changes to the agreement or removal of archaeological restrictions are considered in the future.

2.1.8 Report submission and review

This task involves the consultant archaeologist, MHSTCI and approval authorities.

Reports are required for each stage of archaeological fieldwork, although Stages 1 to 3 may be combined in a single report. Archaeological assessment reports are due 12 months from the date that the PIF number was assigned. For Stage 4 reports, the report are due 18 months from the date of the PIF number was assigned. Each report submitted is screened for completeness before being accepted for review. This screening required up to 10 business days to complete, and is included within the 12 or 18 month submission period. Incomplete reports are

returned to allow the missing information to be included. MHSTCI customer service standards allow up to 60 business days for report review. Reports that have been revised and resubmitted are reviewed within 15 days. In some circumstances, a consultant archaeologist may request expedited review of specific reports on the basis of external time pressures. Where a report is submitted and an expedited review granted, the timeline for screening is 5 business days, and review is within 20 business days of clearing screening.

The ministry does not commit to reviewing all reports received. Once report packages are screened for completeness, reports are considered 'filed' with the ministry. These reports are then either entered into the Register directly, or sent for technical review by an Archaeology Review Officer (ARO). Report review triage is based on the perceived risks that may arise to the archaeological resource by deferring review. Where higher risks of adverse impact exist, the ministry undertakes a full technical review. Filed reports may also be subject to technical review at a later date, if required.[10] Regardless of review status, "mandatory standards for Aboriginal engagement remain unchanged, and [remains]… subject to ministry review. *This review includes a look at whether community feedback was considered when engagement informs the development of a mitigation strategy*" [emphasis added].[11]

Based on the foregoing, archaeological assessment reports may be submitted and MHSTCI reviews completed more than a year after the completion of fieldwork. In cases where consultant archaeologists do not engage FLRs during fieldwork, and fail to provide information on fieldwork and copies of their reports to DOCA, this delay creates an infringement on MCFN's stewardship of the archaeological resources within the Treaty Lands and Territory by limiting our ability to participate in the disposition of archaeological resources. While engagement is not a requirement of report submission and review, it is important that MHSTCI and consultant archaeologists recognize their obligation to provide this information to MCFN, through DOCA in a timely manner. It is also important that approval authorities recognize that final decisions regarding land dispositions may fall short of the Crown's duty to consult and accommodate when the submission and review process is used to conceal information about the assessment from the First Nation.

Further, DOCA reserves the right to intercede in ministry review where DOCA believes it holds information of value to the review. This information will be communicated to MHSTCI at DOCA's discretion. This is most likely to occur where DOCA believe that critical aspects of fieldwork were non-compliant with the S&Gs, where the report does not adequately reflect MCFNs stewardship objectives, or that engagement with DOCA was inadequate or misrepresented in the report. In particular, the Aboriginal Engagement Report, required in Section 7.6.2, may be reviewed to ensure that is accurately represents the engagement completed and any agreed outcomes.

[10] Additional detail is available on the MTCS website:
http://www.mtc.gov.on.ca/en/archaeology/archaeology_report_requir.shtml#developmentproponents

[11] http://www.mtc.gov.on.ca/en/archaeology/archaeology_report_requir.shtml#addresses

Table 1, below, summarizes when, who and how engagement should occur in a typical archaeological assessment.

Timing	Engagement by	Form of engagement
Draft plan review	Approval authority Proponent	Information sharing Engage DOCA when applying the Criteria for Evaluating Archaeological Potential Advise DOCA of development application and project details Agreement on FLR participation in assessment
PIF	Consultant archaeologist MHSTCI	Information sharing Engage DOCA to advise on award of contact, identification of regulatory trigger, project location, proponent information, scheduled dates for fieldwork
Stage 1	Consultant archaeologist Proponent	Information sharing Engage DOCA on background study (Section 1.1, g. 1, bullet 3; Sec. 1.3.1, bullets 5 – 8; Sec. 1.4.1, g. 1) FLRs may attend Stage 1 property inspection
Stage 2	Consultant archaeologist Proponent	Facilitate FLR engagement and field review of S&G compliance, cultural inputs. Engage DOCA in review of analysis leading to proposed recommendations (Sec. 2.2, s. 1(b)(e); Section 2.2, g. 1)
Stage 3	Consultant archaeologist Proponent Approval Authority	Engage DOCA on historical documentation (Sec. 3.1, s. 1(a), 1(b) and 1(e)) Facilitate FLR engagement and field review of compliance with standards in Sections 3.2 and 3.3 Engage DOCA on Section 3.3 decisions, and analysis (Sec. 3.4, s. 1(a), s. 2, and Sec. 3.4.1, g. 1) Engage DOCA on application of criteria and indicators in Section 3.4.3, Table 3.2 Work with DOCA when formulating Stage 4 strategies (Sec. 3.5, s. 1(f), g. 1) Include DOCA in the Section 3.5 "viability review" of Stage 4 avoidance and protection options with proponent
Stage 4	Consultant archaeologist Approval Authority Proponent	Facilitate FLR engagement and field review of compliance with standards Engage DOCA on long term protection strategies, protection and cultural access considerations
Report review	MHSTCI	DOCA may advise MHSTCI of any concerns with fieldwork, engagement, reporting or recommendations DOCA may advise MHSTCI of concerns with Aboriginal engagement report.

3.0 Compliance

Stewardship of archaeological resources and cultural heritage values within the Treaty Lands and Territory includes support for the technical guidance provided in the S&Gs. In this section, existing direction in the S&Gs is presented in relation to MCFN's archaeological resource stewardship objectives. In most cases, the direction is for compliance with existing standards. In others, additional detail or new direction is offered where increased effort in archaeological assessment will benefit the archaeological resource and address MCFN concerns.

It is important to note that MCFN's stewardship of resources extends to *all* archaeological resources and cultural heritage values within the Treaty Lands and Territory, regardless of CHVI or whether or not these sites are known to archaeologists or the ministry prior to assessment. Compliance with the S&Gs requires that MCFN is engaged and afforded the opportunity to consider the cultural heritage value or interest of all archaeological resources encountered during assessment, prior to defining a subset of these resources as 'artifacts' and 'archaeological sites'.

It is also important to note that the rules set out by the Funeral, Burial and Cremation Services Act regarding human remains should not be seen as overriding MCFN's assertion that all human remains are important and sacred, and must be subject to special consideration and treatment. All remains, including those not immediately identifiable as being associated with a burial or grave location should be considered to mark interments until archaeological evidence demonstrates otherwise.

3.1 MHSTCI Standards and Guidelines Stage 1

The S&Gs state that the purpose of the Stage 1 background study and property inspection is to gather and analyze information about the geography, history and current condition of a property, and to obtain information on prior archaeological fieldwork on or adjacent to the property. This data, including field observations of current conditions, is used to evaluate archaeological potential. This evaluation provides support for recommendations requiring Stage 2 assessment of all or parts of the property, including appropriate fieldwork strategies.

A thorough understanding of the full range of potential archaeological resources and cultural heritage values that may be present on a property is impossible without engagement.

3.1.1 Section 1.1[12]

Within the Treaty area, MCFN must be engaged as part of the Stage 1 background study for all archaeological assessment projects carried out within the Treaty Area. This requires that S&Gs Section 1.1, guideline 1, bullet 3 is

[12] The subsection headings are in reference to the section of the MTCS S&Gs that are being discussed.

treated as a *standard* within the Treaty Area. The guideline states, in part, that the background study "may also include research information from … Aboriginal communities for information on possible traditional use areas and sacred and other sites on or around the property…" For the purpose of Stage 1 engagement, it is important to note that DOCA is not simply a source of research information, but should be viewed as a partner to the development of a comprehensive background study for the archaeological assessment.

In order to develop this partnership, consultants conducting background research on a property should conduct thorough documentary research at Stage 1. This may result in research products that not only address the requirements of the S&Gs, but also make a positive contribution to archaeological and cultural heritage research within the Treaty Area. This contribution may be in various forms, including new insight into archaeological research, historical occupations, or Anishinaabe place names on or near the subject lands.

For the purpose of developing a reasonable perspective on cultural practices and traditional use overlying the subject property it may be necessary to take a broader view of the surrounding landscape for context. For example, areas where numerous small archaeological sites have been recorded may need to be evaluated in aggregate within the wider landscape to determine if they are arrayed along a travel route. Similarly, areas of low site density within wider landscapes of generally high densities should be evaluated to determine whether the distribution is based on the quality of effort in past archaeological assessments that may have skewed available site data, or earlier cultural phenomena. Review of archaeological reports from areas beyond the recommended 50m radius is encouraged (Section 1.1, s. 1, bullet 2).

Notwithstanding the limiting nature of the language used in Section 1.1, guideline 1, bullet 3, MCFN assert that Stage 1 engagement should address all archaeological resources and cultural heritage values that may be present on the property. This approach better reflects the understanding that archaeological sites do coexist with places of sacred or spiritual importance, traditional use, or that are referenced in oral histories. Data relevant to Section 1.1, guideline 1, bullets 8 – 12 require engagement, and the results incorporated into the assessment report.

The timing and integrity of the approach to DOCA for background information will be recorded in the project file.

3.1.2 Section 1.2

The direction in this section applies as written.

3.1.3 Section 1.3 Analysis and Recommendations: Evaluating archaeological potential

S&Gs Section 1.3.1 provides general direction on evaluating archaeological potential. Features of archaeological potential are presented as a bullet point list, with no ranking of features. Bullets 1 – 4 are physical landscape characteristics that can be evaluated using maps or field observation. Bullet 9 concerns municipal or provincial designation and this can also be determined using available documentation.

Bullets 5 – 8 and 10 include information that will be available only through engagement. Specifically, "special or spiritual places" (bullet 5), or "resource areas" of value to the Nation (bullet 6) cannot be determined solely on the

basis of physical indicators. Further, historical settlement features described in bullets 7, 8 and 10 should not be construed as automatically describing European settler landscape elements, given the continuous and ongoing occupation of the Treaty area by Anishinaabe people.

In some areas, archaeological potential models or archaeological master plans are the basis for determining the requirement for assessment. As these models / plans are renewed, DOCA will seek engagement to ensure that the datasets considered in the development of the model / plan, and the output produced is a reasonable representation of archaeological site distributions and MCFN traditional use within the Treaty Lands and Territory.

3.1.4 Section 1.4.1

Section 1.4.1 describes the process for reducing the area that will be subject to Stage 2 test pit survey.

For areas that will be test pitted, reporting on Section 1.4.1, s. 1(c) (iii) and (iv), and Section 1.4.1, s. 1(e) (iii) and (iv), must clearly articulate how MCFN input was gathered and considered in the evaluation of potential.

DOCA must be engaged in the evaluation that leads to a reduction in areas to be subject to test pit survey. This requires treating S&Gs Section 1.4.1, guideline 1 as a *standard*. The guideline states, in part, that "the consultant archaeologist may wish to engage with Aboriginal communities to ensure there are no unaddressed cultural heritage interests".

In other cases, the area to be examined at Stage 2 may be increased to incorporate MCFN input, as described in the MHSTCI Bulletin on Engaging Aboriginal Communities, Section 3.3.

3.1.5 Stage 1 reporting

For Stage 1 assessment reports, the direction found in Sections 7.5.1 to 7.5.12, and 7.7.1 to 7.7.6 applies as written, with the following exceptions, additions or clarifications.

The results of the research conducted for the background study must be reported in the Stage 1 assessment report. Section 7.7.1, s. 1 states that the research must be clearly described and information sources documented. The report content must also clearly demonstrate that the standards for background research were met.

In addition to the Aboriginal engagement documentation required by Section 7.6.2, it will be necessary to provide a clear and accurate report of the information obtained through engagement, and how it was applied to the assessment functions required by Sections 1.1, 1.3 and 1.4.1.

3.2 MHSTCI Standards and Guidelines Stage 2

The S&Gs state that the purpose of the Stage 2 property assessment is to inventory the archaeological resources on a property, and to determine "whether any of the resources might be artifacts and archaeological sites with cultural heritage value or interest". The distinction between archaeological resources, on the one hand, and artifacts and archaeological sites on the other derives from the definitions found in O.Reg. 170/04.

Section 2 of the S&G set out the *minimum* standards for fieldwork at Stage 2. The standards form the basis for professional practice in archaeological assessment. As such, MCFN expect strict compliance with the standards for assessments undertaken within the Treaty Area. As most of the standards are quantitative targets, FLRs will assist consultant archaeologists in meeting compliance expectations, and can collect data on the conditions that led to the exercise of professional judgment to deviate from the standards. Planned deviation from the standards, based on professional judgment and permitted by the S&Gs should be discussed as part of the ongoing engagement with DOCA, and described clearly in resulting reports.

3.2.1 Section 2.1

Section 2.1 sets out the technical requirements for Stage 2 property survey, including pedestrian survey (Section 2.1.1), test pit survey (Section 2.1.2), intensification when archaeological resources are identified (Section 2.1.3), and fieldwork under special conditions (Sections 2.1.4 to 2.1.9).

The direction in Section 2.1 sets out the general and specific *minimum* requirements for Stage 2 fieldwork and analysis. The direction in this section applies as written. DOCA will work with proponents to ensure that FLRs participate in fieldwork to assist in meeting compliance with the standards.

3.2.2 Section 2.2

Section 2.2 sets out the process for determining whether archaeological resources hold cultural heritage value or interest and require further assessment at Stage 3. Notwithstanding the limiting nature of the language used in the Section 2.2 preamble (box text), Stage 2 analysis must address all archaeological resources present on the property. Engagement must address MCFN's stewardship interest in the archaeological resources and cultural heritage values on the property before final recommendations are formulated.

The fieldwork requirements of Stage 2, including intensification when resources are identified must be completed prior to analyzing the results of fieldwork and determining the CHVI of the resources. This determination should not be made 'on the fly' in the field, especially as MCFN have asserted an interest in all archaeological resources within the Treaty area. DOCA may choose to review FLR reports compiled during Stage 2 fieldwork to ensure that the data used in addressing Section 2.2, s. 1, and guidelines 1 to 4 was compliant with the S&Gs and supports the conclusions drawn.

It is important that the direction in Section 2.2, s. 1 is carried out in the context of the local or regional archaeological record. The report of the analysis must include a review of typical or expected artifact densities for sites of different time period or ascribed function regionally.

To clarify Section 2.2, s. 1(b), Stage 3 assessment is required when human remains are identified on a property. For the purposes of compliance with this direction, all human remains, regardless of element or quantity (including fragments, teeth, phalanges, etc.) must be recommended for Stage 3. This direction should not be construed as conflicting with, or limiting the requirement to comply with the Funeral, Burial and Cremation Services Act (SO 2002, c. 33). FLRs will advise on the treatment of the remains.

In Section 2.2 there are a number of considerations that must be taken into account when evaluating the cultural heritage value or interest of an archaeological site, such as the representativeness of the sample obtained through Stage 2 fieldwork. For example, a single artifact recovered from an average test pit may represent an artifact count equal to or higher than the 'cut-off' proposed for excavation in Stage 3 and 4 directions. Similarly, CSPs conducted under sub-optimal conditions will present a reduced certainty that the sample collected is representative. Reports maintained by FLRs during fieldwork can assist in ensuring that places where additional data, or corrected conclusions may be required.

In the discussion of Stage 1 guidance, it was noted that MCFN hold the view that archaeological potential needs to consider factors beyond the simple presence or absence of artifacts to include landscape considerations and the understanding of how ancestral populations used the land and the resources available. Similarly, in determining cultural heritage value or interest of archaeological resources, it is important to move beyond artifact counts. Highly mobile populations would not necessarily leave extensive and artifact rich sites behind. Analysis of archaeological resources should include the consideration of all archaeological resources as potentially informing the reconstruction of Anishinaabe history, with individual small sites analyzed in aggregate to reflect use of the broader landscape. To clarify, this direction directs the exercise of professional judgment as described in Section 2.2, guidelines 2 and 3 to recommend Stage 3 for low artifact count sites.

3.2.3 Stage 2 reporting

For Stage 2 assessment reports, the direction found in Sections 7.5.1 to 7.5.12 and 7.8.1 to 7.8.7 applies as written, with the following exceptions, additions or clarifications.

Section 7.8.1, s. 1 sets out the documentation requirements for areas *not* surveyed at Stage 2. For areas determined to be of no or low potential at Stage 1, a summary of the engagement on this evaluation must be included. For areas determined during Stage 2 fieldwork to hold low potential, a statement must be provided confirming that the decisions were taken in consultation with DOCA. Specifically, the statement should address the information and reasoning used in the field to satisfy the direction in Section 2.1, s. 2 (a), (b) or (c), confirm that FLRs were advised, and that their input was considered, as part of the decision making.

Section 7.8.1, s. 2 sets out the documentation requirements for Stage 2 property assessment generally. It is recommended that any available DOCA file reference for the project is included in the documentation. Any difference in opinion on fieldwork practices between the consultant archaeologist and FLRs that relate to standards set out in Sections 2.1, 2.1.1 and 2.1.2 should be summarized, including decisions to reduce the area surveyed (Section 7.8.1, s. 2 (c) and (d)).

Section 7.8.3 requires a summary of Stage 2 findings, including a clear statement concerning the assessment of the entire property and each archaeological site. The summary required in Section 7.8.3, s. 1 must include a discussion of all archaeological resources, including those which were determined to hold low CHVI and were not recommended for further assessment. In addition, the analysis and conclusions required in Section 7.8.3, s. 2 must

include a summary of DOCA engagement or FLR input as applicable. This should summarize the nature and timing of the engagement, the data provided in support of the discussions, and the input received from DOCA.

Section 7.8.2 requires that non-archaeological cultural heritage features, including cultural landscapes should not be documented. As noted in comments made in reference to Section 1.3 and Section 2.2, archaeological sites must be considered in their broader landscape context. The direction in Section 7.8.2 must not be seen as limiting the inclusion of landscape or cultural heritage considerations used in building a complete and accurate understanding of the development property or archaeological resources requiring additional assessment. For example, the discussion of archaeological sites identified at Stage 2, Section 7.8.2, s. 1(b) requires a description of the "area within which artifacts and features were identified", which may extend to wider landscapes as necessary.

Notwithstanding the direction of Section 7.8.4, s. 2, recommendations for Stage 3 assessment must include a requirement to consider the landscape context of archaeological sites, as appropriate.

Recommendations made in the Stage 2 report set out how all archaeological resources identified on the subject property will be addressed. Stage 3 strategies for sites with CHVI (Section 7.8.4, s. 1(c)), must include recommendations for engagement and FLR participation in fieldwork among the "appropriate Stage 3 assessment strategies".

Section 7.8.5, s. 1 recommendations for partial clearance must include requirements for engagement and including FLRs in excavation and monitoring.

3.3 MHSTCI Standards and Guidelines Stage 3

The purpose of Stage 3 site-specific assessment is to assess the cultural heritage value or interest of archaeological sites identified at Stage 2 in order to determine the need for mitigation of development impacts. The two key components to Stage 3 site specific assessment are historical research and archaeological site assessment. The outcome of Stage 3 is a clear understanding of whether each site has been sufficiently documented, or if further work is required to protect or fully document the site.

The direction in Section 3 of the S&Gs set out the *minimum* standards for additional background research and for fieldwork at Stage 3. While efforts in excess of the S&Gs are supported, strict compliance with the standards will be expected. DOCA will work with proponents to ensure that FLRs participate in fieldwork to assist in meeting compliance.

Stage 3 also includes a significant engagement component, and DOCA will serve as the primary contact for archaeologists and proponents. Engagement is specifically required as a standard in compiling additional historical documentation (Section 3.1, s. 1(a) and 1(b)), in the evaluation of CHVI (Section 3.4, s. 2), and in formulating Stage 4 strategies (Section 3.5, s. 1). As noted previously, MFCN assert that all archaeological sites should be considered as being of interest to the Nation (Section 3.5, s. 1(f)).

3.3.1 Section 3.1 Historical documentation

Section 3.1 sets out the requirements for additional research to supplement and expand the research carried out in Stage 1. The additional documentary information must be considered in Stage 3 and Stage 4 fieldwork and analysis. Documentary research should be sufficient to ensure that the consulting archaeologist has a good understanding of the recent occupation history, as well as clear knowledge of the landscape and traditional occupation of the local landscape surrounding the site.

Section 3.1, s. 1(a) requires that, "when available", research regarding "features or information identifying an archaeological site as sacred to Aboriginal communities" is completed. Further, Section 3.1, s. 1(b) requires research relating to "individuals or communities with oral or written information about the archaeological site". To meet the requirements of this direction, MCFN expect that research will be commenced as part of the Stage 1 background study, will require engagement, and in reporting should reflect a serious effort to identify information relating to the local area, property, or site especially as it pertains to past occupation by Mississauga or other Indigenous peoples. As part of the background research, Section 3.2, s. 1 requires that the consultant archaeologist review "all relevant reports of previous fieldwork" prior to commencing fieldwork. If a new licensee assumes responsibility for the archaeological assessment at Stage 3, this review must include contacting DOCA for a summary of engagement and FLR reports on Stage 1 and 2.

3.3.2 Section 3.2

Section 3.2 sets out the standards for Stage 3 site-specific assessment fieldwork, including controlled surface pickup (Section 3.2.1) and test unit excavation (Section 3.2.2). Section 3.2. 3 and Table 3.1 describe the how the number and distribution of test units is determined.

The direction in this section applies as written, with the exceptions, additions or clarifications noted below. In all instances, DOCA will work with proponent to ensure that FLRs are available to support compliance during fieldwork.

The identification and treatment of features encountered at Stage 3 is discussed in Section 3.2.2, s. 6. Feature identification should be conservative, as it is preferable to overestimate the number of features at Stage 3, rather than lose data or create complications for fieldwork at Stage 4. On sites where a high proportion of the features appear equivocal as to cultural origin (forest fire or hearth?), these features must be preserved, and a sample excavated and reported at Stage 4 to create a record for the benefit of future archaeological fieldwork. Alternately, this sampling can be completed under the direction in Section 3.2.2, g. 3.

Selecting screen aperture during Stage 3 fieldwork (Section 3.2.2, guideline 1), should also take a conservative approach. The consultant archaeologist should exercise professional judgment and move to screening with 3mm mesh whenever small artifacts (seed beads, retouch flakes) are anticipated or noted.

Section 3.2.3 and Table 3.1 set out the technical requirements for placement and number of test units. Critical to the success of Stage 3 fieldwork is establishing site boundaries. Site boundaries must be set beyond the edge of

the artifact concentration, plus a reasonable buffer within which solitary artifacts separated from the main site by post-depositional disturbance may be anticipated. While the guideline (Section 3.2.3, guideline 1) allows for discretion in determining site boundaries, determining boundaries on the basis of low artifact frequency (guideline 1(b)), or typical site characteristics (guidelines 1(c) and 1(d)), must be supported by both data and a clear rationale. For example, determining that a site boundary can be set based on "repetitive low yields" requires additional testing beyond this boundary to ensure that additional concentrations not identified at Stage 2 are recorded. Low yields at the periphery of a site may indicate a weakly defined boundary, but may also represent a much larger, diffuse site marking a low intensity, repeated occupation of a place.

Sterile units mark the boundary of archaeological sites, clearly demonstrating that no further archaeological resources occur within a reasonable distance from the site boundary. It is recommended that sterile units to *at least* ten meters from the site area (i.e. two consecutive sterile test units on the five meter grid), are recorded. This will ensure that isolated sterile units marking a low-count region within a site are misattributed as marking the site boundary. In reporting, the decisions made regarding site boundaries, including the rationale and supporting data should be clearly documented. This summary should note the input received from FLRs.

3.3.3 Section 3.3

Section 3.3.1 describes alternative strategies for determining the extent and complexity of large (Section 3.3.1 and 3.3.2) or deeply buried archaeological sites (Section 3.3.3).

The direction in this section applies as written, with the following exceptions, additions or clarifications. DOCA will work with proponent to ensure that FLRs are available to assist with compliance during fieldwork.

Section 3.3.2 outlines an optional strategy of using topsoil stripping to determine site boundaries, and is not the preferred approach to excavation by MCFN. It is necessary to note that mechanical topsoil removal is not intended to be applied within the site area. Mechanical excavation must begin outside the archaeological site boundary working in toward the centre (Section 3.3.2, s. 3), and must be suspended once cultural features or the previously mapped extent of surface artifacts is encountered (Section 3.3.2, s. 4).

Prior to scheduling mechanical stripping, the consultant archaeologist must establish an on-site protocol for the proposed mechanical stripping with FLRs. The protocol must confirm the extent of the site as determined by artifact distributions and test unit results to establish where trenching will commence and be suspended. The protocol must also cover terminating or suspending trenching when artifacts or features are identified, and for treating cultural features in subsoil, and artifacts from disturbed soil or back dirt, including how back dirt will be processed to recover artifacts from excavated soil.

3.3.4 Section 3.4

Section 3.4 provides direction on how the information gathered in the archaeological assessment up to the end of Stage 3 fieldwork is used to assess the CHVI of each archaeological site. In turn, CHVI will determine whether the site is sufficiently documented, or if Stage 4 mitigation of development impacts is required.

To comply with the requirements of Section 3.4, consultant archaeologists must work with DOCA to determine CHVI and Stage 4 mitigation strategies for each site. This requires that concise documentation demonstrating that the site has been assessed to the level of care set out in the S&Gs is provided in a timely manner, and that any concerns previously expressed by DOCA or individual FLRs were addressed. The documentation should include the historical background research conducted in Stage 1 and Stage 3, a record of engagement with DOCA, and a summary of the artifact and site analysis. DOCA may also review FLR reports on fieldwork, or determine if band members hold specific or general knowledge of the site or development property. In the absence of earlier engagement, it may be necessary to provide additional resources to support the DOCA review.

The S&Gs state that Stage 4 mitigation is required for specific classes of site, including "…sites identified as sacred or as containing burials" (Section 3.4, s. 1(a)). Sites of sacred or spiritual importance may include places on the landscape that do not contain archaeological resources in sufficient quantity to allow a clear determination of the site's CHVI. Alternately, ceremonial space may be clearly expressed through the features and objects recovered archaeologically. Burial sites, graves and human remains (including isolated elements) must also be considered sacred. As reflected in Section 3.5, s. 1(b), all human remains require special treatment. They are culturally important as they may represent interments or signal a sacred or spiritual value at the site. Ultimately, MCFN is the only party who can determine whether an archaeological site is sacred to the Nation, and as such, DOCA must be engaged.

The description of 'sacred' sites in the S&Gs is limiting. Sacred sites may include sites of cultural or historical importance, places associated with traditional land use or activities, or places features in traditional narratives (Section 3.4, s. 2). In most cases, 'sacred' sites will be those identified by the Nation, and FLRs will be the source of much of this information. Where specific knowledge of an individual archaeological site does not exist in the Nation's current knowledge base, the CHVI of the site may be co-determined by the Nation and consultant archaeologist.

Note that the underlying cultural interest in a site or development property, or the basis of the identification of sacred or spiritual places will not be disclosed in all cases. The Nation will not assume the position of research subject.

Small or diffuse lithic scatters must not be automatically determined to hold low CHVI (Section 3.4.1). Anishinabeg traveled extensively throughout the Treaty area and beyond, and one aspect of this lifestyle was traveling light, with individuals and groups carrying only a small amount of material goods. As a result, loss rates were low and the archaeological sites associated with this cultural pattern will be smaller, low artifact count sites. Therefore, small sites with low artifact frequencies may hold a higher cultural significance than would be determined on the basis of artifact count. The analysis of small sites requires consideration of the wider landscape setting of the site and relationship to other local sites. For many of these smaller sites it is recommended that the consultant archaeologist exercise professional judgment, and follow the direction in Section 3.4.1, guideline 1(c).

Section 3.4.3 provides additional criteria for determining CHVI of individual archaeological sites. For archaeological sites in the Treaty area, the criteria in Table 3.2 must be reviewed by the consultant archaeologist to determining CHVI and formulating Stage 4 strategies. The consulting archaeologist must clarify in reporting how each of the criteria is or is not met for the archaeological site.

In terms of the 'information value' of a site, consideration of the related indicators must look beyond the concept of archaeological information, to include consideration of how the information contained in the site can contribute to building a more complete history of cultural and traditional land use patterns within the Treaty area.

3.3.5 Section 3.5

Developing Stage 4 mitigation strategies requires engagement at Stage 3 (Section 3.5, s. 1). This engagement should be the culmination of an ongoing engagement that began at Stage 1 (or earlier). Engagement will include contributing to the "careful consideration" leading to a decision to excavate, as required in Section 3.5, s. 2, and to document any "unusual circumstances" indicated in Section 3.5, s.3.

Contrary to the presentation in the S&Gs, the recommended Stage 4 strategies *must* reflect MCFN input. For compliance with Section 3.5, s. 2, documentation must include records of all communications, meetings, presentation materials, and resolutions arrived at between the consultant archaeologist and DOCA, and between the consultant and the proponent where mitigation was discussed. Where the recommended strategy is at variance with MCFN's position, the basis for the decision must be clearly articulated in the final report of Stage 3 fieldwork.

Some sites, where Indigenous occupation is not indicated by Stage 1 to 3 assessments, may be excluded from engagement by mutual agreement.

The formulation of Stage 4 strategies must anticipate operational decisions that may be made during Stage 4. Section 4.2.1, g. 1, allows for sampling strategies to reduce the "degree or intensity of the archaeological fieldwork". Incomplete excavation of an archaeological site promotes archaeological interests over the stewardship interest of MCFN. Sampling must only be considered after a detailed review of the sampling strategy and potential consequences for information recovery from the site is completed. Details of the proposed sampling strategies must be described in detail in the recommendations to the Stage 3 report, and the justification and research supporting the recommendations should be clearly articulated in the analysis and conclusion sections. Stage 4 recommendations should also provide a specific commitment to engage DOCA when sampling decisions are made in the field, including a time allowance to consider the decision, and a process for incorporating DOCA input into the decision making.

3.3.6 Stage 3 reporting

For Stage 3 assessment reports, the direction found in Sections 7.5.1 to 7.5.12 and 7.9.1 to 7.9.7 applies as written, with the following exceptions, additions or clarifications.

The description of the field methods required in Section 7.9.1, may be supplemented by reference to the FLR reporting on the fieldwork, as applicable.

Section 7.9.3, s. 3 requires that the analysis and conclusions of the report are compared to current archaeological knowledge. This must include current research, and not simply rely on other consulting reports and standards references. In addition, this research must consider the direction set out in this document, and the results of engagement. Section 7.9.4, s. 1(a) requires that reporting on Section 3.5 include a discussion and summary of engagement. A clear and detailed discussion of engagement is required in Section 7.9.4, s. 2, and this discussion must include the rationale for proposing any actions that is contrary to the stated position of DOCA. For example, decisions made to excavate or terminate an assessment (Sec. 7.9.4, s. 3 or s. 5), where that differs from the DOCA position, then a clear statement of this difference, including the dissenting position, must be provided in the report.

3.4 MHSTCI Standards and Guidelines Stage 4

Archaeological sites holding cultural heritage value or interest require Stage 4 mitigation of development impacts. Impacts may be mitigated by either avoidance and protection, or excavation and documentation. Avoidance and long term protection is the preferred approach to mitigation. Avoidance allows the archaeological site to be preserved intact for future use as an archaeological resource and cultural heritage value in addition to preserving a range of material and intangible values not directly recoverable through the application of archaeological techniques.

The S&Gs articulate that avoidance and protection are "most viable when the cultural heritage value or interest of the archaeological site is determined early in the planning stages of the development". This supports the position taken in this document that early engagement with DOCA is beneficial for all parties to the assessment, and to the archaeological resource.

3.4.1 Section 4.1 Avoidance and Protection

The direction in Section 4 sets out the general and specific *minimum* requirements for Stage 4 fieldwork and analysis. The direction in this section applies as written, with the following exceptions, additions and clarifications. DOCA will work with proponents to ensure that FLRs participate in fieldwork to assist in meeting compliance.

Section 4.1, s. 1 requires that protection must follow completion of Stages 2 and 3. Where DOCA has not been engaged previously on the assessment, the process permitted under Section 4.1 is considered premature and must not proceed. This also applies in cases where the Stage 3 engagement is ongoing, or if a response to a concern raised by DOCA to MHSTCI or some other party to the development process has not been received.

The buffers signified in Section 4.1, s. 2 are minimums. Larger buffers based on local topographic or development conditions must be identified where they will enhance long-term protection. Elements of the surrounding landscape beyond the minimum buffers should be adapted into the protection area to ensure that the site

remains in a naturalistic setting. This requires working with the proponent and the approval authority early in the process to build agreement in principle with the idea, and to facilitate moving to a satisfactory outcome. In a similar manner, where a number of sites are present in close proximity, protection strategies that include protection of a larger area enclosing all of the sites should be considered.

Section 4.1.3 concerns temporary avoidance. The standard requires that the commitment from the proponent that "the archaeological site will not be impacted in the short term, and a plan to carry out full excavation in the future" is included in the report package. The avoidance and protection strategy requires approval authority agreement. DOCA must be provided with notice of the temporary avoidance and protection strategy and excavation timeline, and provided an opportunity to comment.

Section 4.1.4 concerns the mechanisms required to ensure effective long term protection of the archaeological site. The avoidance and protection strategy must include DOCA engagement, and an opportunity to participate in the long term protection. MCFN has the capacity to provide stewardship and oversight to the long term protection of archaeological sites beyond that provided by other corporate bodies and municipalities; therefore DOCA must be included in the drafting of long term protection mechanisms.

Section 4.1.4, s. 1 directs that the protection mechanism "sets out how protection of the archaeological site is to be addressed as a prerequisite to any proposed removal of the archaeological restrictions on the land in the future". The mechanism must recognize the Treaty rights and the stewardship role of MCFN, and require engagement regarding any future review of the protected status of the archaeological site for development or excavation. This recognition must form part of the long-term protection mechanism, and should not be part of a sub-agreement or other agreement that may not continue in force over time.

The identified restrictions on uses of the archaeological site (Section 4.1.4, s. 2) must not prohibit or infringe the right of MCFN to carry out any cultural or ceremonial activities that may be required. MCFN stewardship and DOCA participation in any future work at the site must be referenced in the "document confirming… awareness of" obligations for the archaeological site required in Section 4.1.4, s. 3.

3.4.2 Section 4.2 Excavation

Section 4.2 sets out the requirements for excavation and documentation. As the introduction to Section 4.2 states, "protection in an intact state is always the preferred option" for archaeological sites with CHVI. The S&Gs confirm that conversion of archaeological sites into archaeological data results in the "loss of contextual information". As noted previously, archaeological techniques are insufficient to capture the range of cultural heritage values the archaeological site may contain, including intangible values such as the sacred or spiritual elements that are referenced throughout the S&Gs. Nevertheless, conflict between contemporary development pressures and archaeological sites inevitably leads to a large proportion of archaeological sites being scheduled for destruction.

The direction in Section 4.2 sets out the general and specific requirements for Stage 4 fieldwork and analysis. The direction in this section applies as written, with the following exceptions, additions and clarifications. Within the

Treaty Lands and Territory, FLRs must participate in fieldwork, and will assist in meeting compliance. Stewardship of the archaeological resources and cultural heritage values require that archaeological sites will be completely excavated by hand (i.e. no mechanical topsoil stripping) and artifact recovery will be maximized, when excavation and documentation is considered the only mitigation alternative.

Before commencing fieldwork, the consultant archaeologist is required to review "all relevant reports of previous fieldwork" (Section 4.2.1, s. 2). If a new licensee assumes responsibility for the archaeological assessment at Stage 4, this review must include a review of engagement from the preceding stages. This review should also include reports of fieldwork on adjacent properties or the local area for context.

Section 4.2.1, g. 1 allows for sampling of archaeological sites "as a means of reduc[ing] the degree or intensity of archaeological fieldwork while still accomplishing the objectives for Stage 4 excavation". Sampling must be pursued with caution, in limited instances and following a detailed review of the strategy and potential consequences to archaeological and cultural data recovery. Sampling is generally only acceptable where it has been recommended in the Stage 3 report, and had been a focus of engagement.

Section 4.2.2 concerns excavation by hand. The preamble to Section 4.2 states, "All archaeological sites for which Stage 4 excavation is carried out…must be excavated partly or completely by hand. Hand excavation is the preferred method for removing topsoil because topsoil stripping destroys any evidence of later site formation processes and leaves behind displaced artifacts". This clarifies that hand excavation is preferred, and signals a concern that stripping may lead to archaeological data and features being overlooked or artifacts left behind at the site. The section continues, stating that on completing Stage 4 excavations "the site no longer exists in the ground [and] archaeological concerns under land use planning and development processes can be considered addressed". This creates the uncomfortable outcome that archaeological data, artifacts and other cultural heritage objects may remain at the location after the site has been declared to no longer exist. This loss of site context and artifacts compound the cumulative impact to cultural heritage values of importance to MCFN and other indigenous communities.

Mechanical topsoil stripping is discussed in Section 4.2.3. As the S&Gs note, "the rationale for topsoil stripping is that the careful documentation of intact archaeological resources…offsets the loss of fragmentary information in the topsoil layer". Mechanical stripping presents considerable risk to archaeological resources and must be considered an exceptional practice in the absence of a compelling rationale. Any proposal to mechanically strip a site must be a key topic of discussion during engagement at Stage 3. FLRs will be available to advice in the field on compliance with the S&Gs and any agreements reached in engagement.

As set out in the S&Gs, mechanical topsoil stripping is only acceptable under specific circumstances (Section 4.2.3). The archaeological site must have been subject to ploughing for many years, be a single component site, be "large", be a Woodland period site or later, and there must be a representative artifact collection from Stage 2 and Stage 3 surface collection and test unit excavation. Analysis of earlier fieldwork must be completed to the point where the site can be demonstrated to be a single component.

The judgment on the size of the site and adequacy of the artifact collection, and whether the site represents a single component, must be discussed in the Stage 3 report and raised during engagement. During fieldwork, stripping must not extend below the topsoil/subsoil interface (Section 4.2.3, s. 3), and only the area that can be cleared and examined at the time of stripping should be exposed (Section 4.2.3, s. 4). It is critical that the Stage 4 recommendations and on-site protocols support the role of FLRs in identifying compliance shortfalls during mechanical topsoil stripping. Work at variance with the S&Gs must be stopped as soon after being identified to the project archaeologist or field director as possible.

Section 4.2.4 provides direction on the excavation of Woodland period archaeological sites. This direction notes that Woodland sites are 'usually' excavated using a combination of hand and mechanical excavation. As mechanical topsoil stripping increases the risks to archaeological sites, use of the technique must be limited and justified on a site by site basis. It is strongly recommended that the area mechanically excavated is minimized, with hand excavation expanded beyond the limits set out in the S&Gs (Section 4.2.4, s.1, and 4.2.4, s. 5, augmented by guidelines 1 to 3). In all instances of mechanical topsoil stripping, provision for recovering any artifacts displaced to back dirt piles must be made. It is preferred that back dirt is screened to facilitate full artifact recovery.

For large lithic scatters and lithic quarry sites, compliance with Sections 4.2.5 and 4.2.6 will require that Stage 3 analysis is complete prior to engagement, and that the results of analysis are provided during engagement with DOCA. When finalizing the Stage 4 recommendations and strategies for Stage 4, (specifically Sec. 4.2.5, s. 1(b) and Sec. 4.2.6, s. 2), this analysis must be available, meaning that the Stage 3 results must have been analyzed from this perspective.

Requirements for the treatment of undisturbed archaeological sites are described in Section 4.2.9. The preamble of the section states that "every effort must be made to ensure" that undisturbed sites are avoided and protected. Further, "any recommendation to excavate must have been made in consideration of feedback from engagement…and a careful review of the viability of preservation options". MCFN support avoidance and long term protection of archaeological sites, and are emphatic that consultant archaeologists advocate strenuously that undisturbed sites are protected from adverse impact, including excavation. All undisturbed sites must be brought to the attention of DOCA as early in the assessment process as possible, and engagement on the Stage 4 recommendations for the site is required. FLR reports concerning earlier stages of fieldwork, and specifically indications of past disturbance, may be reviewed to ensure that undisturbed sites are appropriately represented in Stage 3 deliberations.

Undisturbed sites that cannot be avoided and protected must be completely excavated by hand. FLRs will be available to support compliance with the direction on excavating undisturbed sites. This will include ensuring that the additional units indicated in Section 4.2.9, s. 4 are sterile, and that features are investigated as directed in Section 4.2.9, s. 5. While not specified in the S&Gs, recording and collecting non-diagnostic artifacts and informal tools, collection must be to 0.25m^2 quadrant and level at a minimum. As with the direction on undisturbed sites, developing a mitigation plan for rare archaeological sites (Section 4.2.10) will require engagement and FLR participation in fieldwork.

3.4.3 Section 4.3

The goal of excavation and documentation is complete recovery of the archaeological information contained within the site. Sampling suggests that the contents of sites are generally consistent between sites, and that the information potential of any given site is predictable. However, this gives the impression that the site being assessed is of a lesser value than those that have been excavated previously. Cumulative effects to the overall archaeological record will accrue under this process, and shortcomings of historical research amplified. This perspective may also lead to acceleration in the rate of site loss over time, and excavated collections are increasingly viewed as additional and redundant data. For these reasons, sampling or reducing the extent of excavation at Stage 4 should only be pursued under exceptional circumstances, and then only after detailed research to support the decision to sample has been completed and presented in engagement. In all cases, excavation must include units within a 10m buffer (at Stage 3 or Stage 4) surrounding the site to ensure that site boundaries are accurately located and unit-yield counts do not increase in adjacent areas.

Table 4.1 in Section 4.3 of the S&Gs provides direction on determining the extent of Stage 4 excavations. In hand excavation, the unit-yield serves as an indicator of when the limits of a site have been reached. Units with fewer than 10 artifacts per unit mark the boundary of the site. Excavation must continue where at least two formal or diagnostic artifacts, fire cracked rock, bone or burnt artifacts are present. In the interest of complete recovery and correct boundary placement, it is recommended that excavation continue for at least two contiguous units at low counts (<5) before the site boundary or limits to excavation are declared.

Table 4.1 also provides direction for undisturbed site excavation limits, indicating that counts of ten or fewer artifacts mark the limit of excavations. However, undisturbed sites provide an opportunity to gather information on site formation processes as well as a "complete" inventory of materials and features. For this reason, 100% excavation and artifact recovery is required for these sites. Two consecutive units with zero artifacts must be excavated at the periphery of the site to ensure that excavation has captured the entire site.

For large, dense lithic scatters where individual unit counts are high, Table 4.1 allows that excavation can be terminated where unit counts drop to 10% of the highest yield at the core of the site. This guidance must be applied with caution, and excavations must continue where the nature of the artifact recoveries at the proposed boundary differ from those in the core of the site. For example, where a high count area comprised of smaller pressure flakes is used to define the centre of the site, and a lower count area comprised of larger early stage block reduction is positioned on the 'periphery', this may indicate the overlap of two different functional areas, and not the site boundary. This reinforces the direction in Table 4.1 that areas of lower concentration adjacent to the areas of higher density must be examined to ensure that they do not mark discrete components, habitation or activity areas. Lithic quarry sites require complete excavation of all discrete areas. There are no unit-yield measures for determining limits to excavation.

Table 4.1 also provides direction that for sites subject to mechanical topsoil stripping, excavation is considered complete when all cultural features have been exposed and excavated. The stripping must extend at least 10m

beyond all cultural features. Unit yields are not applicable as the artifacts from the plough zone are in the back dirt. As noted previously, measures must be taken to recover artifacts from the stripped topsoil to approach complete artifact recovery.

3.4.4 Stage 4 reporting

For Stage 4 excavation reports, the direction found in Sections 7.5.1 to 7.5.12 and 7.11.1 to 7.11.6 applies as written, with the following exceptions, additions or clarifications. Stage 4 avoidance reports follow the direction found in Sections 7.10.1 to 7.10.3.

Section 7.11.1, s. 1(c) requires that decisions made in the field regarding unit placement is documented. For compliance with this standard, the engagement, including in-field discussions with FLRs and any divergent opinions on how to proceed must be reported. Section 7.11.4, s. 1 requires that a recommendation of "no further cultural heritage value or interest" remains for the site. This recommendation should not be made if disputes regarding the completeness of the excavation have been raised by DOCA and are unresolved. Recommendations should also note that the outcome of the archaeological assessment may not remove a cultural heritage place, defined on the basis of cultural or intangible values at the site by MCFN, regardless of the archaeological assessment status.

3.5 Aboriginal Engagement Reporting (Section 7.6.2)

The Aboriginal engagement report supplements the information provided in the body of the report. As the guidance in this document sets out, MCFN expect to be engaged at all stages of archaeological assessment. Therefore, Aboriginal engagement reports should be prepared for all stages of assessment. Engagement includes timely notification of all assessment-related fieldwork to be undertaken on MCFN Treaty Lands and Territory, the participation of FLRs, clear communication regarding fieldwork decisions and recommendations, and acknowledgement of MCFN's role as stewards of archaeological resources within the Treaty Lands and Territory.

Section 7.6.2 provides direction on the required contents of the Aboriginal engagement report. Each report must include the identification of who was engaged, and how the engagement was carried out. For assessments on MCFN Treaty Lands and Territory, engagement will be with DOCA and the FLRs participating in the fieldwork (Section 7.6.2, s. 1(a)). This document will represent the protocol for engagement (Section 7.6.2, s. 1(b)). To compile a complete record of engagement, the report must also include information on the timing of engagement and, for Stage 2 to 4 assessments, whether engagement had been carried out in earlier stages. DOCA, as part of their administration and coordination of the engagement response, will provide a reference number for each engagement. The report should note this reference and the dates of engagement (Section 7.6.2, s. 1(c)). This will assist DOCA in tracking the assessment, and provide MHSTCI reviewers with assurance that the documentation reflects the approach, process and outcome clearly and accurately.

Documentation for the engagement process must also outline and give reasons for the strategies used to incorporate input from DOCA and FLRs into fieldwork decisions, and how the results of the assessment were

reported back to the Nation. The outline required by Section 7..2, s. 1(d) must include a description of how DOCA was approached for input to the assessment, including background information at Stage 1 and Stage 3, field direction from FLRs at Stages 2 through 4, and DOCA participation in preparing or reviewing recommendations made at Stage 1 through 4. Acknowledging that points of difference may occur, it is important that the report clearly articulate where DOCA direction varied from S&Gs direction, where the consultant archaeologist chose not to implement direction from DOCA or FLRs, or where recommendations made were at variance with the position taken by DOCA or FLRs. Finally, a statement on when and how the final report of each stage of assessment was transmitted to DOCA must be included (Section 7.6.2, s. 1(e)). Reporting back must include providing a copy of the final report of the assessment to DOCA in a timely manner, including the completed Aboriginal engagement report.

The direction provided in Section 7.6.2, s. 2, applies as written; however, it is important to note places or values holding cultural sensitivity may be identified on any property. In these cases, DOCA will work with the consultant archaeologist to identify boundaries, restrictions, or fieldwork practices that will address the cultural concern, even if detailed information on the underlying value is not provided. This will be the practice when, in the view of DOCA, providing MHSTCI or the consultant archaeologist details of the exact nature of the underlying cultural value is not required to achieve protection.

In reference to Section 7.6.2, g. 1, it is important to note that MCFN hold that all archaeological resources present within the Treaty Lands and Territory are of interest to the Nation as part of their cultural patrimony. Resources, regardless of size, frequency or condition should not be interpreted in such a way as to remove the requirement for engagement.

3.5.1 Supplementary Documentation

Section 7.3.4 notes that supplementary documentation is required to improve the clarity of archaeological assessment reports… "For the purposes of review, the ministry may require supplementary documentation to verify that fieldwork was conducted according to [the MHSTCI] standards and guidelines."

Section 7.6.2 provides standards and guidelines for Aboriginal engagement and is applicable to all stages of archaeological assessment reporting. The section clarifies that "critical information arising from Aboriginal engagement that affected fieldwork decisions, documentation, recommendations or the licensee's ability to comply with the conditions of the license" should be documented and included in the body of the report. Additional details and data resulting from engagement should be provided in supplementary documentation to the report. This includes "copies of any documentation arising from the process of engagement".

DOCA administrative processes and FLR reports do not constitute additional documentation to be included in the supplementary documentation to an archaeological report. The documentation will not be provided, as the licensee's own records should provide sufficient detail regarding engagement. These records may be made available to and approval authorities if required to address an unresolved disagreement between MCFN, the consultant, proponent, or approval authority. MCFN expect that a complete record of engagement will be

maintained for any work within the Treaty Lands and Territory, and that MHSTCI and approval authorities will consider the substance and outcome of engagement when reviewing assessment reports or development proposals.

4.0 Additional Direction

4.1 Collections management

The disposition of archaeological collections remains of interest to MCFN. All disposition agreements entered into at the end of an archaeological assessment must recognize MCFN's role as stewards of the resource, and provide explicit direction that MCFN may assume control over collections under the following circumstances:

- When the curatorial facility is derelict in its responsibility to care for the collections, including providing for appropriate cultural protocols, or,
- When MCFN develop a curatorial facility for the purpose of long term curation of archaeological collections.

When the license holder fails to make arrangements for the long term care of archaeological collections within a reasonable period of time after the conclusion of an archaeological assessment, MCFN may intervene with MHSTCI to require that the collection is transferred to an appropriate facility with the costs of the transfer being assumed by the ministry or archaeologist.

Note: We recognize that MHSTCI will be developing collections management direction in the near future. MCFN will be actively engaged in the deliberations leading to this policy as it progresses.

4.1.1 Costs

Archaeological fieldwork is directed to the identification and recovery of archaeological resources, primarily material objects indicating past cultural activity. Through excavation and documentation the cultural legacy contained in archaeological sites is imperfectly translated from the material remains into collections and documents that represent the site as data.

At the early stages of archaeological assessment, artifact collections may be relatively modest; however, excavation of archaeological sites can lead to sizeable collections, including artifacts and documentary records. Excavated collections must be cared for. The Ontario Heritage Act is clear that the initial cost to curate collections falls to the licensed archaeologist responsible for the fieldwork. These costs include cleaning, cataloguing, analysis, packing and storage. The OHA also provides for collections to be transferred to a public institution or repository, which may also involve a cost. The cost for maintaining collections remains with the licensee until alternate arrangements are made. If provisions for the long term curation are not addressed during the assessment, the license holder may be liable for the cost of long term curation as well, unless the collection is abandoned or a public or private institution is willing to assume responsibility.

It is important that costs relating to short and long term curation are identified to the proponent early in the assessment process. This will reinforce that archaeological site excavation is a serious undertaking. If excavation is carried out, proposals for the work must include costs for packing and transferring the collections to a repository, and a timeline for this transfer to be effected. A commitment to complete the transfer must be included in the final report.

Another significant concern arising from the creation of archaeological collections is the cultural cost of reducing the rich cultural legacy that can reside in an archaeological site to collections and data formulated in a way that privileges standard archaeological practice and view of the past. The OHA and S&Gs provide little direction and do not compel any licensee to address First Nations' concerns with investigation, collection or excavation at archaeological sites.

Additional costs may be encountered when curating an archaeological collection to culturally specific standards, including additional cultural requirements for artifact handling, storage and treatment. Storage conditions may require that collections are made available from time to time for traditional observance or cultural ceremony, or the collections and facility itself may require ongoing cultural maintenance. This will increase costs above the basic cost of 'dead storage' space, and must be anticipated in funding.

A hidden cost in curation is the cumulative impact of archaeological practice on the remaining archaeological sites. Collections currently managed for long term use as research and educational material far exceed the capacity for new research to address. However, the value of archaeological collections to communities has not been thoroughly explored. Given that MCFN stewardship over the archaeological resource does not end with excavation and reporting, the potential for long term community management of archaeological collections should be identified. A provision that MCFN retain the right to transfer collections or specific artifacts from archaeological sites Treaty Lands and territory to MCFN designated or operated facilities at some time in the future should be included in the final report of the assessment.

For this, and a variety of other reasons, it is vitally important to MCFN that the archaeological collections that are removed from the ground are treated in a manner that conforms to the OHA, and allows MCFN to exercise our inherent right to act as stewards of our cultural patrimony.

4.2 Human remains and burials

Human remains are not archaeological resources. They are the remains of ancestors who were interred, or died without burial, at or near the location where they are discovered. All human remains identified during archaeological fieldwork are of interest to MCFN, and appropriate treatment of human remains is of considerable importance to the Nation.

The Funeral, Burial and Cremation Services Act and the Coroners Act direct the treatment of human remains upon discovery. While there is variation in the language used in the legislation and the S&Gs (burials, graves, human remains), it is preferred that a uniform approach is followed. When human remains are identified in the field first contact should be to the Coroner or police. Protocol should also dictate that DOCA or the FLR on site, and the Registrar of Cemeteries area also advised of the discovery. Once the police determine that the remains have no forensic interest, the Registrar, the proponent or landowner, MCFN and others representing the deceased will negotiate a site disposition agreement. MCFN prefer that the remains are re-interred as close as possible to the location where they were found. Depending on the quantity of human remains, the nature of the development, and the local availability of undisturbed lands that will not be impacted by development, re-interment may occur on the development property. If this is not possible, then interment at another location suitable to the purpose and acceptable to MCFN (and others) should be pursued.

The nature of this document is to put into practice pre-emptive engagement with DOCA and the ongoing presence of FLRs on location during archaeological assessments. For this reason, there should be no circumstances in which decision-making around the current and future treatment of human remains should bypass MCFN. However, if the protocols within this document have not been respected and a discovery of human remains is made without FLR presence on site, it is the responsibility of the consultant archaeologist or other party responsible for this discovery to immediately notify DOCA.

Human remains that were interred at an archaeological site signify that cultural practice was carried out at that location. The practice imbues the location with intangible values that must be protected. Isolated elements, such as teeth or smaller bones or fragments of bone, may not be immediately associated with an archaeological feature, such as a grave shaft; however, this does not diminish the cultural importance of the remains, or signal that the burial and associated cultural practice were absent. A variety of post-depositional effects may lead to the erasure of the grave site, and loss of skeletal material and it is important that archaeological fieldwork includes investigating the original position of the remains. Where human remains are identified, but no grave location is evident, it is incumbent on the archaeologist to make a reasoned argument about why this may be the case. If post-depositional disturbance from, for example, ploughing and soil erosion caused the remains to be displaced, then this would be a consideration for the analysis of the entire site. If, on the other hand, there is a belief that the body originally lay on or near the ground surface, then this also has an influence on the analysis of the sites, and should be the focus of additional engagement and documentary research.

It is important to note that scientific research on human remains, apart from the collection of the data necessary to satisfy the information requirements of the Coroner, must not be undertaken without the express consent of the representatives of the deceased. It is also important to note that the discovery of human remains on an archaeological site or development property signal the presence of intangible cultural heritage values which cannot be captured by standard archaeological techniques. Additional engagement on the analysis of the site, the conclusions reached and the final recommendations regarding the disposition of the site at the end of the archaeological assessment will require additional engagement with MCFN.

In addition to the directives provided herein, all applicable parties including the consultant archaeologist, the Registrar, and/or the proponent/landowner will be expected to follow MCFN's protocol for the discovery of human remains, which is available as a stand-alone document.

5.0 Glossary[13]

approval authority

In the land use and development context, this includes any public body (e.g., municipality, conservation authority, provincial agency, ministry) that has the authority to regulate and approve development projects that fall under its mandate and jurisdiction (e.g., *Planning Act, Environmental Assessment Act, Aggregate Resources Act*).

archaeological assessment

For the defined project area or property, a survey undertaken by a licensed archaeologist within those areas determined to have *archaeological potential* in order to identify archaeological sites, followed by evaluation of their *cultural heritage value or interest*, and determination of their characteristics. Based on this information, recommendations are made regarding the need for mitigation of impacts and the appropriate means for mitigating those impacts.

archaeological potential

The likelihood that a property contains archaeological resources.

archaeological resources

In the context of the Standards and Guidelines, objects, materials and physical features identified by licensed archaeologists during a Stage 2 archaeological assessment as possibly possessing *cultural heritage value or interest*.

archaeological site

Defined in Ontario regulation as "any property that contains an *artifact* or any other physical evidence of past human use or activity that is of cultural heritage value or interest".

artifact

Defined in Ontario regulation as "any object, material or substance that is made, modified, used, deposited or affected by human action and is of *cultural heritage value or interest*".

cultural feature

The physical remains of human alteration at a given location that cannot be removed intact and are not portable in the way that artifacts can be removed and are portable. Typically, a cultural feature must be documented in the field, although samples can be taken. Examples include post molds, pits, living floors, middens, earthworks, and various historic structural remains and ruins.

cultural heritage value or interest

For the purposes of the *Ontario Heritage Act* and its regulations, archaeological resources that possess cultural heritage value or interest are protected as archaeological sites under Section 48 of the act. Where

[13] Definitions as found in: MHSTCI 2011. Standards and Guidelines for Consultant Archaeologists. Ministry of Heritage, Sport, Tourism and Culture Industries.

analysis of documented artifacts and physical features at a given location meets the criteria stated in the Standards and Guidelines, that location is protected as an archaeological site and further archaeological assessment may be required.

community

For the purpose of these Standards and Guidelines, the use of "Aboriginal community" is used only in the context of citing such use by the Ontario Ministry of Heritage, Sport, Tourism and Culture Industries in their Standards and Guidelines

diagnostic artifact

An artifact that indicates by its markings, design or material the time period it was made, the cultural group that made it, or other data that can identify its original context.

formal tool

Most often a stone artifact with a form or design that indicates the reason it was made, like a stone spearpoint or hide scraper. Contrasted with an informal tool, like a chert flake used for cutting.

lithic scatter

A loose or tight concentration of stone flakes and tools resulting from the manufacture and sometimes the use of one or more stone tools.

nation

Refers to the Mississaugas of the Credit First Nation.

project area

The lands to be impacted by the project, e.g.: the area of a development application under the *Planning Act*; the area to be licensed under the *Aggregate Resources Act*; the area subject to physical alteration as a result of the activities associated with the project. This may comprise one or several properties, and these properties may or may not be adjoining. However, all properties must be part of one project that is being undertaken by one proponent.

Project Information Form (PIF)

The form archaeological license-holders must submit to the Ministry of Heritage, Sport, Tourism and Culture Industries upon decided to carry out fieldwork.

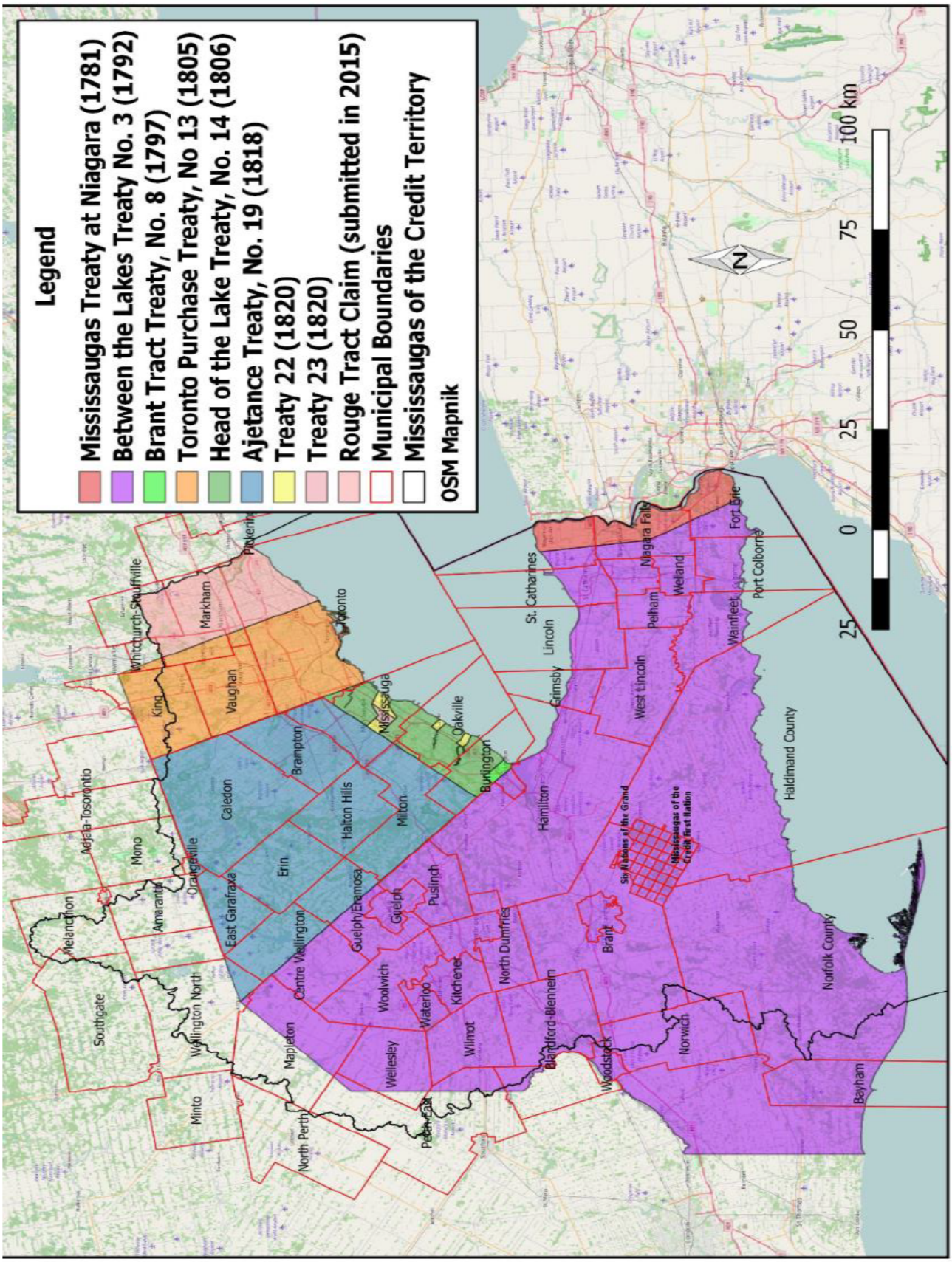
protection

Measures put in place to ensure that alterations to an archaeological site will be prevented over the long-term period following the completion of a development project.

traditional

The word "traditional" refers mainly to use of land, e.g. "traditional lifeways" while all references to MCFN's land are to be construed as the MCFN Treaty Lands".

6.0 Map of the Treaty Lands and Territory



Municipal Boundaries Related to the Between the Lakes Treaty, No. 3 (1792)

Front page artwork is from the MCFN Lloyd S. King Elementary School Art Mural.

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Philip Cote – Principal Coordinating Artist

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MCFN Looks To Our Anishinaabe Roots To Guide Our Vision For The Future As A Strong, Caring, Connected Community Who Respects The Earth's Gifts And Protects The Environment For Future Generations. MCFN Identity And Heritage Includes Our History, Language, Culture, Beliefs And Traditions.

Newton, Dorin/TOR

From: Megan DeVries <Megan.DeVries@mncfn.ca>
Sent: Tuesday, December 15, 2020 2:08 PM
To: Ponce Vanelli, Italia
Cc: Mark LaForme; Fawn Sault; Newton, Dorin/TOR; Jones, Lee Anne/TOR
Subject: [EXTERNAL] RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Italia,

Thank you for the update. We look forward to receiving the executed agreements in the new year. We kindly request that, until then, no fieldwork is completed without our participation.

Sincerely,
Megan.

Megan DeVries, M.A.
Archaeological Operations Supervisor

Department of Consultation and Accommodation (DOCA)
Mississaugas of the Credit First Nation (MCFN)
4065 Highway 6 North, Hagersville, ON N0A 1H0
P: 905-768-4260 | M: 289-527-2763
http://www.mncfn.ca

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From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Tuesday, December 15, 2020 2:36 AM
To: Megan DeVries <Megan.DeVries@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Fawn Sault <Fawn.Sault@mncfn.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
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acknowledge that MCFN would like to attend stage 2 archeological investigation or any other studies that you feel may be of interest to you, and our consultant and archeological subconsultant are prepared to have you accompany them. We hope that this satisfactory.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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The proponent is expected to pay the costs for MCFN to engage in a technical review of the project. DOCA anticipates at this time that all archaeological review will be undertaken by in-house technical experts, but will advise the proponent if an outside peer-review is required. Please find attached the agreement that covers MCFN’s inhouse technical review of

the archaeological assessments and strategies associated with your project(s). If you could please fill in the additional required information, highlighted in yellow, and return to us a signed copy, that would be greatly appreciated. After we have received it, we can execute the contract on our end and return the completed contract to you. Afterwards, I can arrange scheduling and other related matters directly with the consultant if you prefer.

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Sent: Wednesday, December 9, 2020 12:56 PM
To: italia.ponce@peelregion.ca
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Megan DeVries <Megan.DeVries@mncfn.ca>; Darin Wybenga <Darin.Wybenga@mncfn.ca>
Subject: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

Dear Italia,

Please see the attached letter regarding your project EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Miigwech,

Fawn Sault
Consultation Coordinator
Mississaugas of the Credit First Nation
4065 Hwy. 6, Hagersville, N0A 1H0
Website: http://mncfn.ca/
Ph: 905-768-4260
Cell:289-527-6580

Holiday alert: Please note that DOCA will be closed from December 18th to January 3rd

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Wednesday, January 13, 2021 11:30 AM
To: Megan DeVries
Cc: Mark LaForme; Fawn Sault; Newton, Dorin/TOR; Jones, Lee Anne/TOR
Subject: [EXTERNAL] RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

We are still looking at the agreement and our legal department is finalizing it. So I apologize for the delay. Just for your information, any future investigation are expect to start until the Spring of 2021 (no earlier than mid April 2021).However this will be indicated in the agreement.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you
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From: Megan DeVries <Megan.DeVries@mncfn.ca>
Sent: January 13, 2021 10:01 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Fawn Sault <Fawn.Sault@mncfn.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good morning Italia,

Happy New Year! I hope you are well.

Are you able to provide an update on your review of the agreement?

Thank you,
Megan.

Megan DeVries, M.A.
Archaeological Operations Supervisor

Department of Consultation and Accommodation (DOCA)
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From: Megan DeVries
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Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Fawn Sault <Fawn.Sault@mncfn.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
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<Darin.Wybenga@mncfn.ca>
Subject: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Consultation Coordinator
Mississaugas of the Credit First Nation
4065 Hwy. 6, Hagersville, N0A 1H0
Website: http://mncfn.ca/
Ph: 905-768-4260
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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, February 18, 2021 3:36 PM
To: Megan DeVries
Cc: Mark LaForme; Fawn Sault; Newton, Dorin/TOR; Jones, Lee Anne/TOR
Subject: [EXTERNAL] RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades
Attachments: FINAL_ Achaeological Agreement - Etobicoke Creek - MCFN Feb 17 2021.pdf; FINAL_Field Lisason Agreement - Etobicoke Creek - MCFN Feb 17 2021.pdf

Hello Megan,
Attached is the agreements for the Field Liaison and Archeological Review for your review and signature for the Etobicoke Creek Trunk Sewer Improvements and Upgrades Class Environmental Assessment project. Please return the signed agreement directly to me. Once signed by the Region, a copy will be sent back to you for your files.
Also below is the list of our completed studies which was requested in your original correspondence. A separate link to the reports will be sent by Dorin Newton from Jacobs. Note that the link expires after 7 days so please ensure you download the required reports before it expires.

List of completed studies:

- EA's Phase 1 Summary Report – Completed on April 16, 2020 by Jacobs
- Stage 1 Archaeological Assessment Report – Completed on September 21, 2020 by ASI. This report will be submitted by ASI to MHSTCI for their review and entry into the Register of Archaeological Reports once we confirm that all reviews are complete. This report was provided to you.
- Cultural Heritage Resource Assessment Report – Completed on September 16, 2020 by ASI
- Natural Sciences Report – Completed on October 30, 2020 by LGL
- Hydrogeology Desktop Review Technical Memo – Completed on September 18, 2020 by Jacobs
- Environmental Desktop Review Technical Memo – Completed on August 14, 2020 by Jacobs

The documentation that are upcoming are the EA's Phase 2 Summary Report (this will include the above listed individual studies) and the subsequent ESR. The ESR is anticipated to be completed in May/June 2021 and will include:

- Stage 2 Archaeological Assessment report with field work commencing in Spring 2021
- Natural Heritage Technical memo on the Preferred Alternative with no field work anticipated

This project also includes undertaking services to obtain additional information for detailed design (topographical surveys, SUE investigations and fieldwork for hydrogeological, geotechnical and environmental investigations) through Summer of 2021. The Region intends to procure firms in Spring 2021 to undertake this work.

Through the completion of the ESR, required measures will be identified to mitigate potential impacts on natural and/or cultural resources. You have also asked for the contact information for the archaeological scope. Below are our consultant's contact information as well as the contact of the subcontractor undertaking the archeological assessment ASI. If there are any questions, please feel free to contact me.

Lee Anne Jones, P. Eng. | Jacobs | Senior Project Manager|
416.499.0090 X 73616 | 416.561.1396 cell | LeeAnne.Jones@jacobs.com | www.jacobs.com

&

Eliza Brandy, MA
Associate Archaeologist | Project Manager • Environmental Assessment Division

ASI • Providing Archaeological & Cultural Heritage Services
EBrandy@asiheritage.ca • 416 966 1069 x 222 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
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Region of Peel
working with you

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Archaeological Operations Supervisor

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Mississaugas of the Credit First Nation (MCFN)
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Dear Italia,

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Miigwech,

Fawn Sault
Consultation Coordinator
Mississaugas of the Credit First Nation
4065 Hwy. 6, Hagersville, N0A 1H0
Website: http://mncfn.ca/
Ph: 905-768-4260

Cell:289-527-6580

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Archaeological Assessment Review Agreement between:
The Mississaugas of the Credit First Nation
and
The Regional Municipality of Peel

A - Background

1. The purpose of this agreement is to provide the Mississaugas of the Credit First Nation (hereinafter, "MCFN") with capacity assistance to review reports and other materials in connection with all archaeological assessments required for the Etobicoke Creek Trunk Sewer Improvements and Upgrade Schedule C Class Environmental Assessment (hereinafter, "the Project") located in the City of Mississauga and the City of Brampton, Ontario, within the jurisdiction of The Regional Municipality of Peel (hereinafter, "the Proponent").

2. The Proponent understands that MCFN wishes its designated representatives at the Department of Consultation and Accommodation (hereinafter, "DOCA") to provide timely and meaningful comment on the Project via its established review process.

3. The Proponent, or their consultant(s), will therefore provide all reports in draft form to MCFN (via DOCA) for review and comment prior to their submission to other approval or regulatory authorities. The Proponent and their consultant(s) agree to provide reasonable and adequate time for MCFN to complete its review and provide comments on draft reports. MCFN is unable to review of any material in less than one week.

4. For archaeological assessments, the Proponent agrees that their consultant(s) will provide, if applicable, both the Supplementary Documentation and the Project Communication Plan, which contains Indigenous Engagement protocol for the project alongside the draft archaeological report. The Indigenous Engagement protocol must contain the consultant's full account of MCFN's participation in and comments on the archaeological assessment.

5. For archaeological assessments, the Proponent agrees that no new fieldwork will commence until MCFN has completed its review and has provided comments on the previous Stage of assessment, provided that MCFN completes its review in a reasonable period of time.

6. MCFN agrees that MCFN representatives will have appropriate qualifications for the work required – for example, education in environmental and/or archaeological

assessments – and experience in bridging Indigenous perspectives with Western approaches, as reasonably determined by MCFN.

B – Fees and Cost Structure

7. The Proponent will provide capacity funding for the designated DOCA staff representative in the amount of [redacted] per hour for all activities relating to review of Project materials.

8. If MCFN is of the view that designated DOCA staff are unable to complete a comprehensive technical review of Project materials, the Proponent agrees to pay costs incurred by MCFN to retain an external expert in the appropriate field to be chosen at MCFN's sole discretion. The Parties agree that a review by an external expert will commence following mutual acceptance by both Parties of an estimate of work provided by the expert.

C – Additional Conditions

9. Nothing in this Agreement shall be interpreted or implemented so as to derogate or abrogate from any MCFN Aboriginal or Treaty right or claim, or to indicate consent to the Project.

D - Method of Payment

10. The Parties agree that the Proponent will pay the capacity funding as agreed to above by cheque or bank transfer and upon receipt of an invoice from MCFN. All invoices will be addressed directly to the Proponent, the Project will be noted in the text of each invoice, and all invoices will be prepared as per MCFN-DOCA's standard invoicing format. Invoices should be submitted electronically to the following address:

Email address:	Italia.ponce@peelregion.ca
Attention:	Italia Ponce – Project Manager
Project:	Etobicoke Creek Trunk Sewer Improvements and Upgrades
	Region of Peel – Public Works
	905-791-7800 ext. 4583
	10 Peel Centre Dr. Brampton, ON L6T 4B9

11. All payment should be made to the MCFN Department of Consultation and Accommodation to the following address. For additional information, please call the office at 905-768-4260.

    Email address: nicole.laforme-hess@mncfn.ca
    Attention: MCFN-DOCA
    4065 Highway 6
    Hagersville, Ontario
    N0A 1H0

12. After thirty [30] days, a 5% monthly compounded interest rate will be charged on outstanding invoices. After six [6] months of non-payment, a 20% monthly compounded interest rate will be charged on outstanding invoices.

F – Disclaimer

13. The Parties agree that the capacity funding payments for the archaeological assessment reviewers will be used only for the purposes described in this Agreement and will not be paid for the improper personal gain of any individual or for any other purpose that might violate any Canadian anti-corruption law.

14. If applicable, the parties agree that the execution of this Agreement may be facilitated through facsimile or electronic means and/or this Agreement may be executed in several counterparts and any such facsimile or electronic copy and any such counterpart shall be deemed to be an original Agreement, and such facsimile or electronic copies or such counterparts together shall constitute one and the same Agreement and shall have the same force and effect as an executed original.

15. This agreement is legally binding on MCFN and the Proponent.

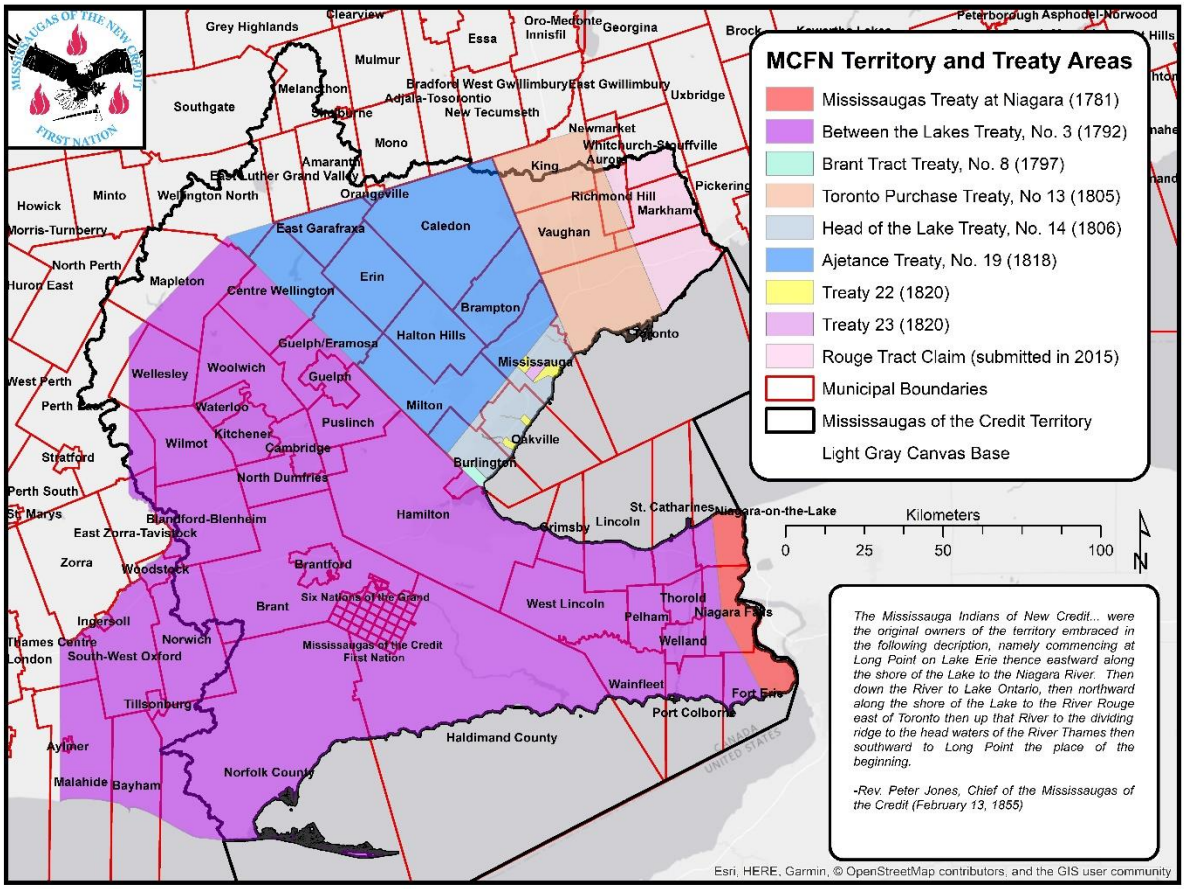
16. The term of this agreement is from April 1, 2021 to March 31, 2022. In the event that Project-related activities requiring archaeological assessment reviewers continue past this termination date, a new agreement will be executed between Parties.

[The remainder of this page is intentionally left blank.]

Signed this _____ day of _____, 2021.

Authorized Signatory on behalf of The Proponent	Authorized Signatory on behalf of Mississaugas of the Credit First Nation
Italia Ponce, P. Eng. Project Manager Water & Wastewater Division Public Works Region of Peel	Mark LaForme Director Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation
Witness	Witness
[printed name of witness] [job title] [department] [name of the proponent]	Megan DeVries Archaeological Operations Supervisor Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation

Schedule A



Municipalities within Mississaugas of the Credit Treaty Lands and Territory

Field Liaison Representative Participation Agreement
between:
The Mississaugas of the Credit First Nation
and
The Regional Municipality of Peel

A - Background

1. The purpose of this agreement is to provide the Mississaugas of the Credit First Nation (hereinafter, "MCFN") with capacity assistance to its Field Liaison Representatives (hereinafter, "FLRs") in connection with all environmental and/or archaeological assessments required for the Etobicoke Creek Trunk Sewer Improvements and Upgrade Schedule C Class Environmental Assessment (hereinafter, "the Project") located in the City of Brampton and the City of Mississauga in The Regional Municipality of Peel (hereinafter, "the Proponent").

2. The Proponent understands that MCFN wishes to send its FLRs to participate in and monitor the assessments associated with the Project, and that the FLRs' mandate will be to ensure that MCFN's perspectives and priorities are considered and to enable MCFN to provide timely and meaningful comment on the Project.

3. All archaeological work in connection with any Project in the Territory will be carried out in accordance with the *Ontario Heritage Act* and its Regulations. The archaeological work will meet or exceed the Ontario Ministry of Heritage, Sport, Tourism, and Culture Industries (hereinafter, "MHSTCI") standards and guidelines for consultant archaeologists as amended, including the *Terms and Conditions for Archaeological Licences, Standards and Guidelines for Consultant Archaeologists (2011)* and the Draft *Engaging Aboriginal Communities in Archaeology Technical Bulletin (2011),* (hereinafter collectively, "MHSTCI Standards 2011").

4. The Proponent agrees that all archaeological work conducted for the Project will comply with the MCFN *Standards and Guidelines for Archaeology* (published April 2, 2018), (hereinafter, "MCFN Standards") as long as the MCFN Standards do not fall below MHSTCI Standards 2011. The MHSTCI Standards 2011 will be paramount in the event of a direct conflict between MCFN Standards and the MHSTCI Standards 2011.

5. Nothing in this Agreement shall be interpreted or implemented so as to derogate or abrogate from any MCFN Aboriginal or Treaty right or claim, or to indicate consent to the Project.

B – Fees and Cost Structure

6. The Proponent will provide capacity funding for each FLR in the amount of $85.00 per hour for all activities relating to the Project. Activities relating to the Project include, but are not limited to:
    a. Time spent on site monitoring assessment or predetermined construction-related activities;
    b. Time spent completing data or artifact processing, identification, analysis, and interpretation activities alongside their consultant(s);
    c. Actual travel time at the beginning of, during, and/or end of each day;
    d. Time completing daily notes relating to the Project;
    e. Time spent on standby at the request of the Proponent or their consultant(s); and
    f. Time completing mandatory training at the request of the Proponent or their consultant(s).

7. The Proponent will pay a supervisory fee of 3.5%, based on the number of hours charged to the Proponent, to provide MCFN with the capacity to facilitate in-field technical support for the FLRs via the Field Archaeologist.

8. The Proponent will reimburse the FLRs for reasonable mileage and meals in accordance with current Federal Canada Treasury Board guidelines, over and above the hourly rate [see Schedule B]. Mileage rates are determined using the MCFN Department of Consultation and Accommodation as the place of departure.

9. The Proponent will provide capacity funding for each FLR in the amount of $125.00 per hour for any work exceeding eight hours per day and/or forty hours per week. The above noted mileage and meal allowance remains in effect.

10. The Proponent will provide capacity funding for each FLR in the amount of $125.00 per hour for any work occurring on the following holidays: New Year's Day, Family Day, Good Friday, Victoria Day, Indigenous Solidarity Day (June 21), Canada Day, Civic Holiday, Labour Day, Thanksgiving Day, Remembrance Day, Christmas Day, and Boxing Day. The above noted mileage and meal allowance rates remain in effect.

11. The Proponent agrees that the FLRs will be paid for a minimum of three hours, plus actual travel time, mileage, and meal allowance rates as noted above, on any day when work is cancelled by the Proponent or their consultant(s) while FLRs are en route to the work site or after the FLRs have already arrived.

12. If its use is deemed necessary by both Parties, the Proponent agrees to reimburse the FLRs for their use of the 407ETR upon receipt of a copy of the bill. This agreement will be provided in writing to MCFN's Field Coordinator.

13. If deemed reasonable by both Parties, the Proponent agrees to cover the cost of overnight accommodation for FLRs participating in environmental and/or archaeological fieldwork at locations which would otherwise require more than 90 minutes of travel time at both the beginning and end of the work day, as determined using the MCFN Department of Consultation and Accommodation as the place of departure. An additional Incidental Allowance fee is required for any work which requires overnight accommodations, as set out in Schedule B. This agreement will be provided in writing to MCFN's Field Coordinator.

C – Additional Conditions

14. The parties acknowledge that the Project, in whole or in part, takes place within MCFN Territory and agree that the Proponent shall provide capacity funding for FLR participation in the Project field work where possible for the duration of the Project.

15. The Proponent agrees that two FLRs shall be on location whenever Project-related activities are taking place within its Territory, as set out in Schedule A.

16. Additional FLRs may be required if the number of field personnel utilized by the consultant exceeds fourteen (14) individuals and the Proponent agrees to provide capacity funding for additional FLRs. MCFN requires one additional FLR per five additional field crew, as outlined in the chart below:

Number of Field Personnel	Number of FLRs Required
1 to 14	2
15 to 19	3
20 to 24	4
25 to 29	5
30 to 34	6
35 to 39	7
40+	8+

17. The Parties acknowledge that the FLRs time and travel will be recorded and verified using the ClockShark Time Tracking Software System and that invoicing will be prepared using these records, not those of a third party.

18. If archaeological resources are encountered at any time during construction or other Project-related activity, all excavation or other activity that could disturb the site shall immediately cease, and the Proponent shall immediately notify MCFN's Archaeological Operations Supervisor or designate. The Parties shall work collaboratively to minimize impacts and ensure respectful treatment of any archaeological resources in accordance with the practices and values of MCFN as identified by MCFN.

19. If human remains are encountered at any time during construction or other Project-related activity, the following steps shall be taken:
    a. All excavation or other activity that could disturb the site shall immediately cease, and the area shall be secured in a manner that protects the site location and prevents public access and trespass; and
    b. In addition to any notifications required under the *Funeral, Burial and Cremation Services Act, 2002,* SO 2002, C 33, the Proponent shall immediately contact MCFN's duly appointed Archaeological Operations Supervisor or designate; and
    c. MCFN shall be permitted to conduct any ceremonies on site in relation to the human remains that may be of Aboriginal ancestry ("Ancestral Remains"); and
    d. MCFN shall be consulted about all steps in the investigation and any decisions or agreements to be made regarding Ancestral Remains.

20. The Stage 2 archeological assessment to which this Agreement applies is anticipated to begin in the Spring 2021 once conditions allow, but not earlier than mid April 2021. The Proponent will contact MCFN 2-3 weeks in advance of the work in order to allow for enough time to make FLR arrangements.

D - Coordination of the FLRs

21. The Parties agree that the FLRs will follow the reasonable instructions of the Proponent and their consultant firm(s) conducting the environmental and/or archaeological work concerning safety practices, and that the FLRs will attend "tailgate" safety meetings if requested.

22. The Proponent's contact person for activities relating to the archaeological and environmental assessment portion of the Project is Italia Ponce. Contact information for this person is as follows:

    Blake Williams – Project Manager
    BWillimas@asiheritage.ca
    Etobicoke Creek Trunk Sewer Improvements and Upgrades

ASI
416-966-1069 x 258
528 Bathurst St., Toronto, ON M5S 2P9

23. The Parties agree that the contact person for the consultant firm(s) will coordinate site meeting locations and times through MCFN's duly appointed Field Coordinator. Contact information for the Field Coordinator is as follows:

    Joelle Williams
    Telephone: 905-768-4260
    Cell: 905-870-2918
    Email: joelle.williams@mncfn.ca

E - Status of the FLRs

24. The FLRs selected by MCFN have appropriate qualifications for the work required – for example, training in environmental and/or archaeological monitoring – and experience in bridging Indigenous perspectives with Western approaches, as reasonably determined by MCFN.

25. The Parties agree that the FLRs are not employees, contractors, or sub-contractors of the Proponent or their consultant(s) and that the FLRs will be responsible for their own personal protective equipment, such as hard hats, safety boots, and safety vests, unless specific or otherwise unique personal protective equipment is required, which will therefore be provided or reimbursed by the Proponent.

26. FLRs take direction from MCFN. MCFN pays Workplace Safety and Insurance Board ("WSIB") contributions in respect of the FLRs and will, at its own expense, maintain for the term of this agreement a comprehensive general liability ("CGL") policy or policies with a limit of at least $1 million and shall provide the Proponent with evidence of such insurance, upon request. MCFN agrees that FLRs will perform their activities safely, in a good and competent manner, in compliance with all applicable laws, regulations, and guidelines.

27. MCFN expects that the Proponent will comply with the *Occupational Health and Safety Act*, R.S.O. 1990, C. 0.1, the Ontario *Human Rights Code*, R. S. O. 1990, c. H.19, and maintain a safe, harassment-free work environment.

28. The Proponent is responsible for negligence or other failure to maintain a safe and harassment-free work environment. To the extent that the Proponent is responsible for

negligence or other failure to maintain a safe and harassment-free work environment, the Proponent is liable and shall indemnify MCFN claims or demands related to injury, accident, discrimination, or harassment by the Proponent's employees, agents, consultants, or other parties under the control or direction of the Proponent.

F - Method of Payment

29. The Parties agree that the Proponent will pay the capacity funding as agreed to above by cheque or bank transfer and upon receipt of an invoice from MCFN. All invoices will be addressed directly to the Proponent, the Project will be noted in the text of each invoice, and all invoices will be prepared as per MCFN-DOCA's standard invoicing format. Invoices should be submitted electronically to the following address:

    Italia Ponce – Project Manager
    Italia.ponce@peelregion.ca
    Etobicoke Creek Trunk Sewer Improvements and Upgrades
    Region of Peel – Public Works
    905-791-7800 ext. 4583
    10 Peel Centre Dr. Brampton, ON L6T 4B9

30. All payment should be made to the MCFN Department of Consultation and Accommodation to the following address. For additional information, please call the office at 905-768-4260.

    Email address: nicole.laforme-hess@mncfn.ca
    Attention: MCFN-DOCA
    4065 Highway 6
    Hagersville, Ontario
    N0A 1H0

31. After thirty [30] days, a 5% monthly compounded interest rate will be charged on outstanding invoices. After six [6] months of non-payment, a 20% monthly compounded interest rate will be charged on outstanding invoices.

G – Disclaimer

32. The Parties agree that the capacity funding payments for the FLRs will be used only for the purposes described in this Agreement and will not be paid for the improper personal gain of any individual or for any other purpose that might violate any Canadian anti-corruption law.

33. If applicable, the parties agree that the execution of this Agreement may be facilitated through facsimile or electronic means and/or this Agreement may be executed in several counterparts and any such facsimile or electronic copy and any such counterpart shall be deemed to be an original Agreement, and such facsimile or electronic copies or such counterparts together shall constitute one and the same Agreement and shall have the same force and effect as an executed original.

34. This agreement is legally binding on MCFN and the Proponent.

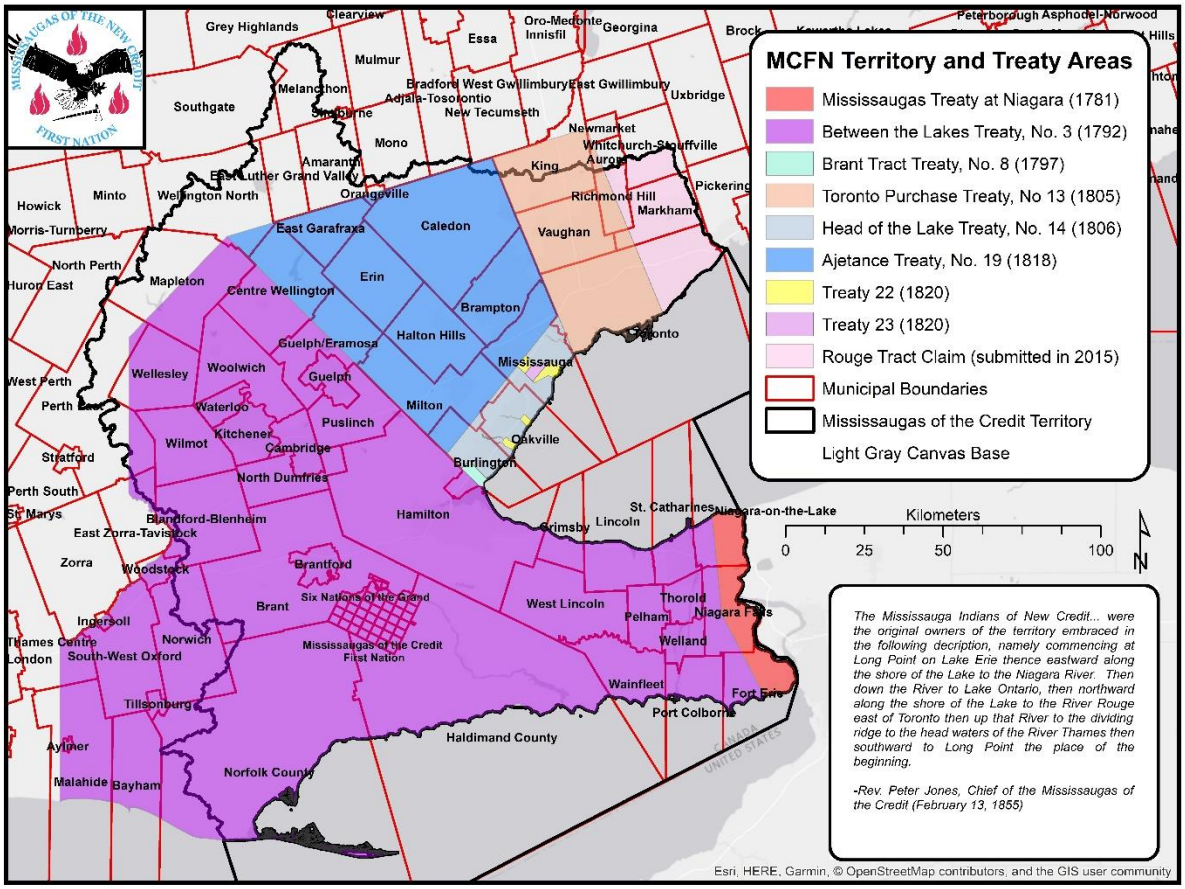
35. The term of this agreement is from April 1, 2020 to March 31, 2021. In the event that Project-related activities requiring FLR participation continue past this termination date, a new agreement will be executed between Parties.

[The remainder of this page is intentionally left blank.]

Signed this _____ day of _____, 2021.

Authorized Signatory on behalf of The Proponent	Authorized Signatory on behalf of Mississaugas of the Credit First Nation
Italia Ponce, P.Eng. Project Manager Public Works The Regional Municipality of Peel	Mark LaForme Director Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation
Witness	Witness
[printed name of witness] [job title] [department] [name of the proponent]	Megan DeVries Archaeological Operations Supervisor Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation

Schedule A



Municipalities within Mississaugas of the Credit Treaty Lands and Territory

Schedule B

MISSISSAUGAS OF THE CREDIT FIRST NATION MILEAGE & ALLOWANCE CHART

EFFECTIVE APRIL 1, 2020 to MARCH 31, 2021

MILEAGE [redacted]

https://www.njc-cnm.gc.ca/directive/d10/v238/s658/en#s658-tc-tm

MEAL ALLOWANCE			**not eligible if:**
BREAKFAST	$	[redacted]	leave after 8am; get home before 7:30am
LUNCH	$		leave after 1:15pm; get home before 12:15pm
DINNER	$		leave after 7pm; get home before 6:30pm
INCIDENTALS	$		not staying overnight

https://www.njc-cnm.gc.ca/directive/d10/v238/s659/en#s659-tc-tm

NIGHTTIME*	$	[redacted]	*Applies only to nighttime surveys that would not otherwise trigger dinner or breakfast.

Newton, Dorin/TOR

From: Dorin.Newton@jacobs.com
Sent: Friday, February 19, 2021 9:33 AM
To: Newton, Dorin/TOR
Subject: Etobicoke Creek Trunk Sewer EA - Completed Studies

Jacobs File Transfer System

Dorin.Newton@jacobs.com has sent you a file archive, with the following message:

Good morning,

As mentioned in Italia's email yesterday (February 18, 2021), please find here a link to our completed studies which were requested in your original correspondence.

Thank you,
Dorin Newton

If you trust Dorin.Newton@jacobs.com, use the URL below to pick up the file archive (you may need to copy and paste it into your browser):

Download URL: https://jftt.jacobs.com/download.aspx?ID=f6d83bb3-f69a-47e3-b554-04618513000c&RID=726fde1f-e85c-4a2d-9f7a-28775ec84049
Download size: 69,121 KB
Download contents: ects ea_phase1_report_03_12_20.pdf, 18ea-161 stage 1 report_21sept2020.pdf, 18ch-148 etobicoke creek trunk sewer ec ia chra_16sept20.pdf, hydrogeology_desktopreview.pdf, ta8907-2020draftetobicokecreektrunksewernaturalsciencesreportv5oct2020.pdf, ects_desktopstudytm_draft-08-14-2020.pdf
Distribution:
To:Megan.DeVries@mncfn.ca
Cc:Fawn.Sault@mncfn.ca, italia.ponce@peelregion.ca, LeeAnne.Jones@jacobs.com, Mark.LaForme@mncfn.ca

You have 7 days to pick up this file archive; after 7 day(s) (Midnight 2/26/2021), it will be deleted. This is an automated e-mail. Thank you for using the Jacobs File Transfer System.

Newton, Dorin/TOR

From: Megan DeVries <Megan.DeVries@mncfn.ca>
Sent: Monday, February 22, 2021 1:33 PM
To: Ponce Vanelli, Italia
Cc: Mark LaForme; Fawn Sault; Newton, Dorin/TOR; Jones, Lee Anne/TOR
Subject: [EXTERNAL] RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades
Attachments: Partially Signed FLR Agreement [2021].pdf; Partially Signed Review Agreement [2021].pdf

Hello,

Please find attached the partially executed agreements. Once signed by the Region, please return a copy for our records.

Sincerely,
Megan.

Megan DeVries, M.A. (she/her)
Archaeological Operations Supervisor

Department of Consultation and Accommodation (DOCA)
Mississaugas of the Credit First Nation (MCFN)
4065 Highway 6 North, Hagersville, ON N0A 1H0
P: 905-768-4260 | M: 289-527-2763
http://www.mncfn.ca

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of the Mississaugas of the Credit First Nation.

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, February 18, 2021 3:36 PM
To: Megan DeVries <Megan.DeVries@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Fawn Sault <Fawn.Sault@mncfn.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Megan,
Attached is the agreements for the Field Liaison and Archeological Review for your review and signature for the Etobicoke Creek Trunk Sewer Improvements and Upgrades Class Environmental Assessment project. Please return the signed agreement directly to me. Once signed by the Region, a copy will be sent back to you for your files.

Also below is the list of our completed studies which was requested in your original correspondence. A separate link to the reports will be sent by Dorin Newton from Jacobs. Note that the link expires after 7 days so please ensure you download the required reports before it expires.

List of completed studies:

- EA's Phase 1 Summary Report – Completed on April 16, 2020 by Jacobs
- Stage 1 Archaeological Assessment Report – Completed on September 21, 2020 by ASI. This report will be submitted by ASI to MHSTCI for their review and entry into the Register of Archaeological Reports once we confirm that all reviews are complete. This report was provided to you.
- Cultural Heritage Resource Assessment Report – Completed on September 16, 2020 by ASI
- Natural Sciences Report – Completed on October 30, 2020 by LGL
- Hydrogeology Desktop Review Technical Memo – Completed on September 18, 2020 by Jacobs
- Environmental Desktop Review Technical Memo – Completed on August 14, 2020 by Jacobs

The documentation that are upcoming are the EA's Phase 2 Summary Report (this will include the above listed individual studies) and the subsequent ESR. The ESR is anticipated to be completed in May/June 2021 and will include:

- Stage 2 Archaeological Assessment report with field work commencing in Spring 2021
- Natural Heritage Technical memo on the Preferred Alternative with no field work anticipated

This project also includes undertaking services to obtain additional information for detailed design (topographical surveys, SUE investigations and fieldwork for hydrogeological, geotechnical and environmental investigations) through Summer of 2021. The Region intends to procure firms in Spring 2021 to undertake this work.

Through the completion of the ESR, required measures will be identified to mitigate potential impacts on natural and/or cultural resources. You have also asked for the contact information for the archaeological scope. Below are our consultant's contact information as well as the contact of the subcontractor undertaking the archeological assessment ASI. If there are any questions, please feel free to contact me.

Lee Anne Jones, P. Eng. | Jacobs | Senior Project Manager|
416.499.0090 X 73616 | 416.561.1396 cell | LeeAnne.Jones@jacobs.com | www.jacobs.com

&

Eliza Brandy, MA
Associate Archaeologist | Project Manager • Environmental Assessment Division

ASI • Providing Archaeological & Cultural Heritage Services
EBrandy@asiheritage.ca • 416 966 1069 x 222 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

This email, including any attachments, is intended for the recipient specified in the message and may contain information which is confidential or privileged. Any unauthorized use or disclosure of this email is prohibited. If you are not the intended recipient or have received this e-mail in error, please notify the sender via return email and permanently delete all copies of the email. Thank you.

From: Megan DeVries <Megan.DeVries@mncfn.ca>
Sent: December 14, 2020 2:47 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Fawn Sault <Fawn.Sault@mncfn.ca>
Subject: RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Good afternoon,

Please find attached a letter from the Mississaugas of the Credit First Nation ("MCFN") regarding the upcoming assessment for Etobicoke Creek Trunk Sewer Improvements, as identified below.

Please note that this year, in order to continue maintaining DOCA capacity for fulsome project participation, DOCA will be introducing charges for technical review of project information. In the exercise of its stewardship responsibility, DOCA seeks to work together with project proponents and their archaeological consultants to ensure that archaeological work is done properly and respectfully. DOCA has retained technical advisers with expertise in the field of archaeology. These experts will review the technical aspects and cultural appropriateness of the archaeological assessments and strategies associated with your project. Upon completion of these reviews, MCFN will identify, if necessary, mitigation measures to address any project impacts upon MCFN rights. For cultural materials and human remains, DOCA may advise that this includes ceremonies required by Anishinaabe law, as well as request adjustments to the proposed fieldwork strategy.

The proponent is expected to pay the costs for MCFN to engage in a technical review of the project. DOCA anticipates at this time that all archaeological review will be undertaken by in-house technical experts, but will advise the proponent if an outside peer-review is required. Please find attached the agreement that covers MCFN's inhouse technical review of the archaeological assessments and strategies associated with your project(s). If you could please fill in the additional required information, highlighted in yellow, and return to us a signed copy, that would be greatly appreciated. After we have received it, we can execute the contract on our end and return the completed contract to you. Afterwards, I can arrange scheduling and other related matters directly with the consultant if you prefer.

Sincerely,
Megan.

Megan DeVries, M.A.
Archaeological Operations Supervisor

Department of Consultation and Accommodation (DOCA)
Mississaugas of the Credit First Nation (MCFN)
4065 Highway 6 North, Hagersville, ON N0A 1H0
P: 905-768-4260 | M: 289-527-2763
http://www.mncfn.ca

HOLIDAY ALERT: Please note that MCFN-DOCA will be closed from December 19th until January 3rd.

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of the Mississaugas of the Credit First Nation.

From: Fawn Sault
Sent: Wednesday, December 9, 2020 12:56 PM
To: italia.ponce@peelregion.ca
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Megan DeVries <Megan.DeVries@mncfn.ca>; Darin Wybenga <Darin.Wybenga@mncfn.ca>
Subject: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

Dear Italia,

Please see the attached letter regarding your project EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Miigwech,

Fawn Sault
Consultation Coordinator
Mississaugas of the Credit First Nation
4065 Hwy. 6, Hagersville, N0A 1H0
Website: http://mncfn.ca/
Ph: 905-768-4260
Cell:289-527-6580

Holiday alert: Please note that DOCA will be closed from December 18th to January 3rd

Newton, Dorin/TOR

From: JacobsFileTransfer@jacobs.com
Sent: Monday, February 22, 2021 11:13 AM
To: Newton, Dorin/TOR
Subject: File Transfer Received

File Transfer Receipt.
Sent: 2/19/2021
Containing the following files: ects ea_phase1_report_03_12_20.pdf, 18ea-161 stage 1 report_21sept2020.pdf, 18ch-148 etobicoke creek trunk sewer ec ia chra_16sept20.pdf, hydrogeology_desktopreview.pdf, ta8907-2020draftetobicokecreektrunksewernaturalsciencesreportv5oct2020.pdf, ects_desktopstudytm_draft-08-14-2020.pdf
Received by Megan.DeVries@mncfn.ca.

DocuSign Envelope ID: 5ECD2E30-442C-4971-897C-8CFF15D1D577

Field Liaison Representative Participation Agreement
between:
The Mississaugas of the Credit First Nation
and
The Regional Municipality of Peel

A - Background

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5. Nothing in this Agreement shall be interpreted or implemented so as to derogate or abrogate from any MCFN Aboriginal or Treaty right or claim, or to indicate consent to the Project.

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B – Fees and Cost Structure

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    e. Time spent on standby at the request of the Proponent or their consultant(s); and
    f. Time completing mandatory training at the request of the Proponent or their consultant(s).

7. The Proponent will pay a supervisory fee of 3.5%, based on the number of hours charged to the Proponent, to provide MCFN with the capacity to facilitate in-field technical support for the FLRs via the Field Archaeologist.

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DocuSign Envelope ID: 5ECD2E30-442C-4971-897C-8CFF15D1D577

12. If its use is deemed necessary by both Parties, the Proponent agrees to reimburse the FLRs for their use of the 407ETR upon receipt of a copy of the bill. This agreement will be provided in writing to MCFN's Field Coordinator.

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35 to 39	7
40+	8+

17. The Parties acknowledge that the FLRs time and travel will be recorded and verified using the ClockShark Time Tracking Software System and that invoicing will be prepared using these records, not those of a third party.

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18. If archaeological resources are encountered at any time during construction or other Project-related activity, all excavation or other activity that could disturb the site shall immediately cease, and the Proponent shall immediately notify MCFN's Archaeological Operations Supervisor or designate. The Parties shall work collaboratively to minimize impacts and ensure respectful treatment of any archaeological resources in accordance with the practices and values of MCFN as identified by MCFN.

19. If human remains are encountered at any time during construction or other Project-related activity, the following steps shall be taken:
    a. All excavation or other activity that could disturb the site shall immediately cease, and the area shall be secured in a manner that protects the site location and prevents public access and trespass; and
    b. In addition to any notifications required under the *Funeral, Burial and Cremation Services Act, 2002,* SO 2002, C 33, the Proponent shall immediately contact MCFN's duly appointed Archaeological Operations Supervisor or designate; and
    c. MCFN shall be permitted to conduct any ceremonies on site in relation to the human remains that may be of Aboriginal ancestry ("Ancestral Remains"); and
    d. MCFN shall be consulted about all steps in the investigation and any decisions or agreements to be made regarding Ancestral Remains.

20. The Stage 2 archeological assessment to which this Agreement applies is anticipated to begin in the Spring 2021 once conditions allow, but not earlier than mid April 2021. The Proponent will contact MCFN 2-3 weeks in advance of the work in order to allow for enough time to make FLR arrangements.

D - Coordination of the FLRs

21. The Parties agree that the FLRs will follow the reasonable instructions of the Proponent and their consultant firm(s) conducting the environmental and/or archaeological work concerning safety practices, and that the FLRs will attend "tailgate" safety meetings if requested.

22. The Proponent's contact person for activities relating to the archaeological and environmental assessment portion of the Project is Italia Ponce. Contact information for this person is as follows:

    Blake Williams – Project Manager
    BWillimas@asiheritage.ca
    Etobicoke Creek Trunk Sewer Improvements and Upgrades

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ASI
416-966-1069 x 258
528 Bathurst St., Toronto, ON M5S 2P9

23. The Parties agree that the contact person for the consultant firm(s) will coordinate site meeting locations and times through MCFN's duly appointed Field Coordinator. Contact information for the Field Coordinator is as follows:

    Joelle Williams
    Telephone: 905-768-4260
    Cell: 905-870-2918
    Email: joelle.williams@mncfn.ca

E - Status of the FLRs

24. The FLRs selected by MCFN have appropriate qualifications for the work required – for example, training in environmental and/or archaeological monitoring – and experience in bridging Indigenous perspectives with Western approaches, as reasonably determined by MCFN.

25. The Parties agree that the FLRs are not employees, contractors, or sub-contractors of the Proponent or their consultant(s) and that the FLRs will be responsible for their own personal protective equipment, such as hard hats, safety boots, and safety vests, unless specific or otherwise unique personal protective equipment is required, which will therefore be provided or reimbursed by the Proponent.

26. FLRs take direction from MCFN. MCFN pays Workplace Safety and Insurance Board ("WSIB") contributions in respect of the FLRs and will, at its own expense, maintain for the term of this agreement a comprehensive general liability ("CGL") policy or policies with a limit of at least $1 million and shall provide the Proponent with evidence of such insurance, upon request. MCFN agrees that FLRs will perform their activities safely, in a good and competent manner, in compliance with all applicable laws, regulations, and guidelines.

27. MCFN expects that the Proponent will comply with the *Occupational Health and Safety Act*, R.S.O. 1990, C. 0.1, the Ontario *Human Rights Code*, R. S. O. 1990, c. H.19, and maintain a safe, harassment-free work environment.

28. The Proponent is responsible for negligence or other failure to maintain a safe and harassment-free work environment. To the extent that the Proponent is responsible for

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negligence or other failure to maintain a safe and harassment-free work environment, the Proponent is liable and shall indemnify MCFN claims or demands related to injury, accident, discrimination, or harassment by the Proponent's employees, agents, consultants, or other parties under the control or direction of the Proponent.

F - Method of Payment

29. The Parties agree that the Proponent will pay the capacity funding as agreed to above by cheque or bank transfer and upon receipt of an invoice from MCFN. All invoices will be addressed directly to the Proponent, the Project will be noted in the text of each invoice, and all invoices will be prepared as per MCFN-DOCA's standard invoicing format. Invoices should be submitted electronically to the following address:

    Italia Ponce – Project Manager
    Italia.ponce@peelregion.ca
    Etobicoke Creek Trunk Sewer Improvements and Upgrades
    Region of Peel – Public Works
    905-791-7800 ext. 4583
    10 Peel Centre Dr. Brampton, ON L6T 4B9

30. All payment should be made to the MCFN Department of Consultation and Accommodation to the following address. For additional information, please call the office at 905-768-4260.

    Email address: nicole.laforme-hess@mncfn.ca
    Attention: MCFN-DOCA
    4065 Highway 6
    Hagersville, Ontario
    N0A 1H0

31. After thirty [30] days, a 5% monthly compounded interest rate will be charged on outstanding invoices. After six [6] months of non-payment, a 20% monthly compounded interest rate will be charged on outstanding invoices.

G – Disclaimer

32. The Parties agree that the capacity funding payments for the FLRs will be used only for the purposes described in this Agreement and will not be paid for the improper personal gain of any individual or for any other purpose that might violate any Canadian anti-corruption law.

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33. If applicable, the parties agree that the execution of this Agreement may be facilitated through facsimile or electronic means and/or this Agreement may be executed in several counterparts and any such facsimile or electronic copy and any such counterpart shall be deemed to be an original Agreement, and such facsimile or electronic copies or such counterparts together shall constitute one and the same Agreement and shall have the same force and effect as an executed original.

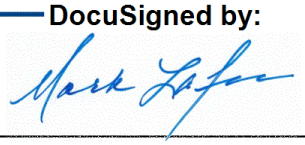
34. This agreement is legally binding on MCFN and the Proponent.

35. The term of this agreement is from April 1, 2020 to March 31, 2021. In the event that Project-related activities requiring FLR participation continue past this termination date, a new agreement will be executed between Parties.

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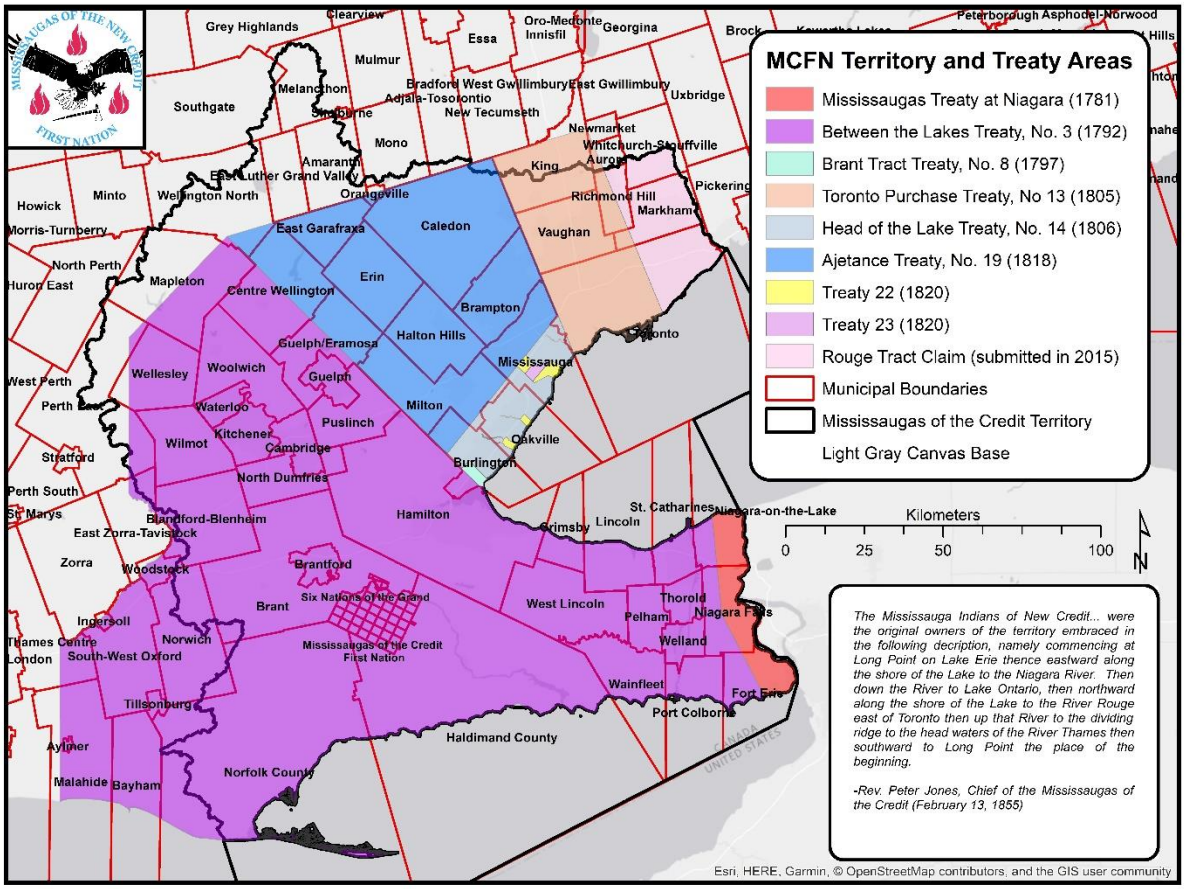
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Signed this _____ day of _____, 2021.

_____	DocuSigned by:  _____ ABD9C0022DCB4FF...
Authorized Signatory on behalf of The Proponent	Authorized Signatory on behalf of Mississaugas of the Credit First Nation
Italia Ponce, P.Eng. Project Manager Public Works The Regional Municipality of Peel	Mark LaForme Director Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation
_____	_____
Witness	Witness
[printed name of witness] [job title] [department] [name of the proponent]	Megan DeVries Archaeological Operations Supervisor Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation

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Schedule A



Municipalities within Mississaugas of the Credit Treaty Lands and Territory

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Schedule B

MISSISSAUGAS OF THE CREDIT FIRST NATION MILEAGE & ALLOWANCE CHART

EFFECTIVE APRIL 1, 2020 to MARCH 31, 2021

MILEAGE		[redacted]	
	https://www.njc-cnm.gc.ca/directive/d10/v238/s658/en#s658-tc-tm		
MEAL ALLOWANCE			**not eligible if:**
BREAKFAST	$	[redacted]	leave after 8am; get home before 7:30am
LUNCH	$		leave after 1:15pm; get home before 12:15pm
DINNER	$		leave after 7pm; get home before 6:30pm
INCIDENTALS	$		not staying overnight
	https://www.njc-cnm.gc.ca/directive/d10/v238/s659/en#s659-tc-tm		
NIGHTTIME*	$	[redacted]	*Applies only to nighttime surveys that would not otherwise trigger dinner or breakfast.

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Archaeological Assessment Review Agreement between: The Mississaugas of the Credit First Nation and The Regional Municipality of Peel

A - Background

1. The purpose of this agreement is to provide the Mississaugas of the Credit First Nation (hereinafter, "MCFN") with capacity assistance to review reports and other materials in connection with all archaeological assessments required for the Etobicoke Creek Trunk Sewer Improvements and Upgrade Schedule C Class Environmental Assessment (hereinafter, "the Project") located in the City of Mississauga and the City of Brampton, Ontario, within the jurisdiction of The Regional Municipality of Peel (hereinafter, "the Proponent").

2. The Proponent understands that MCFN wishes its designated representatives at the Department of Consultation and Accommodation (hereinafter, "DOCA") to provide timely and meaningful comment on the Project via its established review process.

3. The Proponent, or their consultant(s), will therefore provide all reports in draft form to MCFN (via DOCA) for review and comment prior to their submission to other approval or regulatory authorities. The Proponent and their consultant(s) agree to provide reasonable and adequate time for MCFN to complete its review and provide comments on draft reports. MCFN is unable to review of any material in less than one week.

4. For archaeological assessments, the Proponent agrees that their consultant(s) will provide, if applicable, both the Supplementary Documentation and the Project Communication Plan, which contains Indigenous Engagement protocol for the project alongside the draft archaeological report. The Indigenous Engagement protocol must contain the consultant's full account of MCFN's participation in and comments on the archaeological assessment.

5. For archaeological assessments, the Proponent agrees that no new fieldwork will commence until MCFN has completed its review and has provided comments on the previous Stage of assessment, provided that MCFN completes its review in a reasonable period of time.

6. MCFN agrees that MCFN representatives will have appropriate qualifications for the work required – for example, education in environmental and/or archaeological

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assessments – and experience in bridging Indigenous perspectives with Western approaches, as reasonably determined by MCFN.

B – Fees and Cost Structure

7. The Proponent will provide capacity funding for the designated DOCA staff representative in the amount of [redacted] per hour for all activities relating to review of Project materials.

8. If MCFN is of the view that designated DOCA staff are unable to complete a comprehensive technical review of Project materials, the Proponent agrees to pay costs incurred by MCFN to retain an external expert in the appropriate field to be chosen at MCFN's sole discretion. The Parties agree that a review by an external expert will commence following mutual acceptance by both Parties of an estimate of work provided by the expert.

C – Additional Conditions

9. Nothing in this Agreement shall be interpreted or implemented so as to derogate or abrogate from any MCFN Aboriginal or Treaty right or claim, or to indicate consent to the Project.

D - Method of Payment

10. The Parties agree that the Proponent will pay the capacity funding as agreed to above by cheque or bank transfer and upon receipt of an invoice from MCFN. All invoices will be addressed directly to the Proponent, the Project will be noted in the text of each invoice, and all invoices will be prepared as per MCFN-DOCA's standard invoicing format. Invoices should be submitted electronically to the following address:

Email address:	Italia.ponce@peelregion.ca
Attention:	Italia Ponce – Project Manager
Project:	Etobicoke Creek Trunk Sewer Improvements and Upgrades
	Region of Peel – Public Works
	905-791-7800 ext. 4583
	10 Peel Centre Dr. Brampton, ON L6T 4B9

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11. All payment should be made to the MCFN Department of Consultation and Accommodation to the following address. For additional information, please call the office at 905-768-4260.

    Email address: nicole.laforme-hess@mncfn.ca
    Attention: MCFN-DOCA
    4065 Highway 6
    Hagersville, Ontario
    N0A 1H0

12. After thirty [30] days, a 5% monthly compounded interest rate will be charged on outstanding invoices. After six [6] months of non-payment, a 20% monthly compounded interest rate will be charged on outstanding invoices.

F – Disclaimer

13. The Parties agree that the capacity funding payments for the archaeological assessment reviewers will be used only for the purposes described in this Agreement and will not be paid for the improper personal gain of any individual or for any other purpose that might violate any Canadian anti-corruption law.

14. If applicable, the parties agree that the execution of this Agreement may be facilitated through facsimile or electronic means and/or this Agreement may be executed in several counterparts and any such facsimile or electronic copy and any such counterpart shall be deemed to be an original Agreement, and such facsimile or electronic copies or such counterparts together shall constitute one and the same Agreement and shall have the same force and effect as an executed original.

15. This agreement is legally binding on MCFN and the Proponent.

16. The term of this agreement is from April 1, 2021 to March 31, 2022. In the event that Project-related activities requiring archaeological assessment reviewers continue past this termination date, a new agreement will be executed between Parties.

[The remainder of this page is intentionally left blank.]

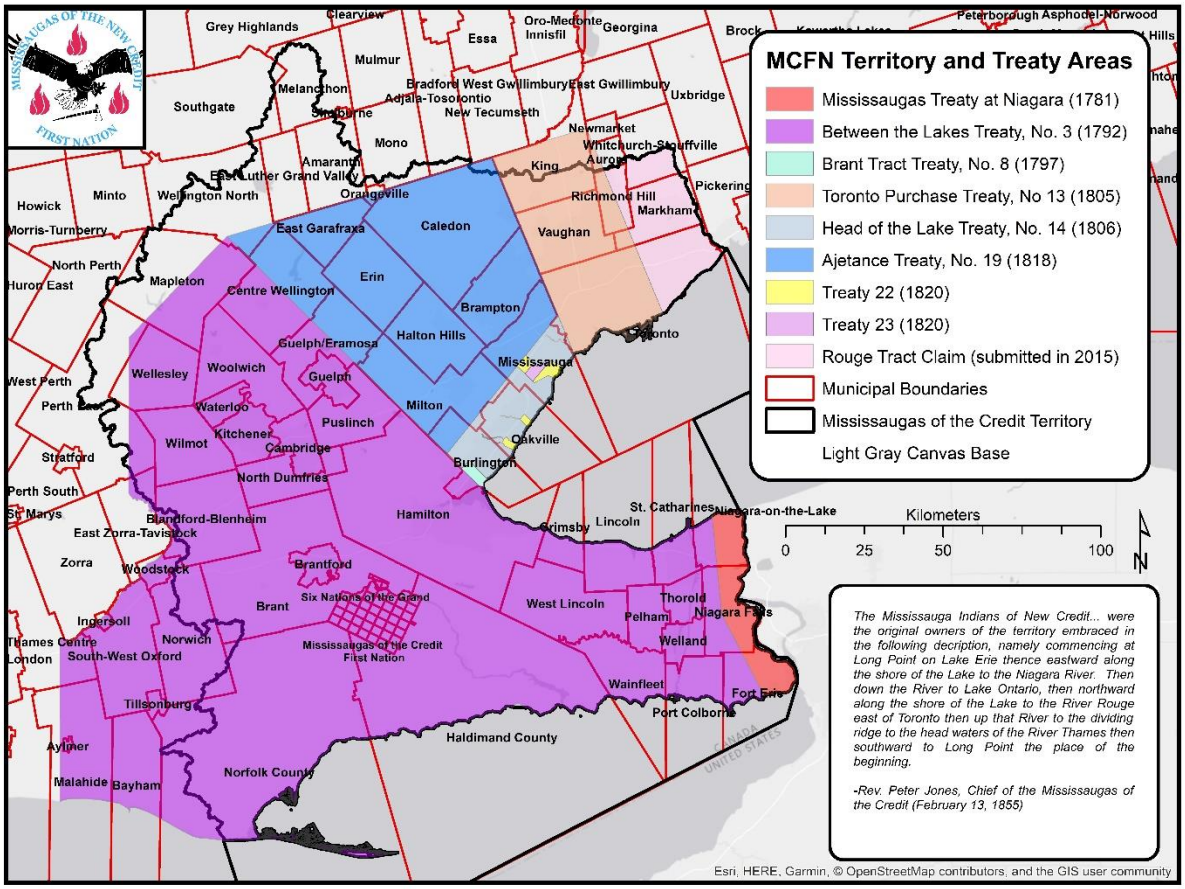
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Signed this _____ day of _____, 2021.

_____	DocuSigned by: Mark LaForme ABD9C0022DCB4FF...
Authorized Signatory on behalf of The Proponent	Authorized Signatory on behalf of Mississaugas of the Credit First Nation
Italia Ponce, P. Eng. Project Manager Water & Wastewater Division Public Works Region of Peel	Mark LaForme Director Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation
_____	_____
Witness	Witness
[printed name of witness] [job title] [department] [name of the proponent]	Megan DeVries Archaeological Operations Supervisor Dept. of Consultation and Accommodation Mississaugas of the Credit First Nation

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Schedule A



Municipalities within Mississaugas of the Credit Treaty Lands and Territory

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Wednesday, March 3, 2021 4:41 PM
To: Megan DeVries
Cc: Mark LaForme; Fawn Sault; Newton, Dorin/TOR; Jones, Lee Anne/TOR
Subject: [EXTERNAL] RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades
Attachments: Signed FLR Agreement [2021].pdf; Signed Review Agreement [2021].pdf; Temporary_Electronic_Approval_FIELD LIASON.pdf; Temporary_Electronic_Approval_Archaeological Assessment Review.pdf

Hi Megan
Attached is the executed agreement along with the Temporary Electronic approval form which the Region of Peel is using as a Temporary Electronic Approval form for the Execution of Documents.
If you have any questions, please contact me directly.
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

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From: Megan DeVries <Megan.DeVries@mncfn.ca>
Sent: February 22, 2021 1:33 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Fawn Sault <Fawn.Sault@mncfn.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hello,

Please find attached the partially executed agreements. Once signed by the Region, please return a copy for our records.

Sincerely,
Megan.

Megan DeVries, M.A. (she/her)
Archaeological Operations Supervisor

Department of Consultation and Accommodation (DOCA)
Mississaugas of the Credit First Nation (MCFN)
4065 Highway 6 North, Hagersville, ON N0A 1H0
P: 905-768-4260 | M: 289-527-2763
http://www.mncfn.ca

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From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, February 18, 2021 3:36 PM
To: Megan DeVries <Megan.DeVries@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Fawn Sault <Fawn.Sault@mncfn.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Megan,
Attached is the agreements for the Field Liaison and Archeological Review for your review and signature for the Etobicoke Creek Trunk Sewer Improvements and Upgrades Class Environmental Assessment project. Please return the signed agreement directly to me. Once signed by the Region, a copy will be sent back to you for your files.
Also below is the list of our completed studies which was requested in your original correspondence. A separate link to the reports will be sent by Dorin Newton from Jacobs. Note that the link expires after 7 days so please ensure you download the required reports before it expires.

List of completed studies:

- EA's Phase 1 Summary Report – Completed on April 16, 2020 by Jacobs
- Stage 1 Archaeological Assessment Report – Completed on September 21, 2020 by ASI. This report will be submitted by ASI to MHSTCI for their review and entry into the Register of Archaeological Reports once we confirm that all reviews are complete. This report was provided to you.
- Cultural Heritage Resource Assessment Report – Completed on September 16, 2020 by ASI
- Natural Sciences Report – Completed on October 30, 2020 by LGL
- Hydrogeology Desktop Review Technical Memo – Completed on September 18, 2020 by Jacobs
- Environmental Desktop Review Technical Memo – Completed on August 14, 2020 by Jacobs

The documentation that are upcoming are the EA's Phase 2 Summary Report (this will include the above listed individual studies) and the subsequent ESR. The ESR is anticipated to be completed in May/June 2021 and will include:

- Stage 2 Archaeological Assessment report with field work commencing in Spring 2021
- Natural Heritage Technical memo on the Preferred Alternative with no field work anticipated

This project also includes undertaking services to obtain additional information for detailed design (topographical surveys, SUE investigations and fieldwork for hydrogeological, geotechnical and environmental investigations) through Summer of 2021. The Region intends to procure firms in Spring 2021 to undertake this work.

Through the completion of the ESR, required measures will be identified to mitigate potential impacts on natural and/or cultural resources. You have also asked for the contact information for the archaeological scope. Below are our consultant's contact information as well as the contact of the subcontractor undertaking the archeological assessment ASI. If there are any questions, please feel free to contact me.

Lee Anne Jones, P. Eng. | Jacobs | Senior Project Manager|
416.499.0090 X 73616 | 416.561.1396 cell | LeeAnne.Jones@jacobs.com | www.jacobs.com

&

Eliza Brandy, MA
Associate Archaeologist | Project Manager • Environmental Assessment Division

ASI • Providing Archaeological & Cultural Heritage Services
EBrandy@asiheritage.ca • 416 966 1069 x 222 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

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From: Megan DeVries <Megan.DeVries@mncfn.ca>
Sent: December 14, 2020 2:47 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Fawn Sault <Fawn.Sault@mncfn.ca>
Subject: RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Good afternoon,

Please find attached a letter from the Mississaugas of the Credit First Nation ("MCFN") regarding the upcoming assessment for Etobicoke Creek Trunk Sewer Improvements, as identified below.

Please note that this year, in order to continue maintaining DOCA capacity for fulsome project participation, DOCA will be introducing charges for technical review of project information. In the exercise of its stewardship responsibility, DOCA seeks to work together with project proponents and their archaeological consultants to ensure that archaeological work is done properly and respectfully. DOCA has retained technical advisers with expertise in the field of archaeology. These experts will review the technical aspects and cultural appropriateness of the archaeological assessments and strategies associated with your project. Upon completion of these reviews, MCFN will identify, if necessary, mitigation measures to address any project impacts upon MCFN rights. For cultural materials and human remains, DOCA may advise that this includes ceremonies required by Anishinaabe law, as well as request adjustments to the proposed fieldwork strategy.

The proponent is expected to pay the costs for MCFN to engage in a technical review of the project. DOCA anticipates at this time that all archaeological review will be undertaken by in-house technical experts, but will advise the proponent if an outside peer-review is required. Please find attached the agreement that covers MCFN's inhouse technical review of the archaeological assessments and strategies associated with your project(s). If you could please fill in the additional required information, highlighted in yellow, and return to us a signed copy, that would be greatly appreciated. After we have received it, we can execute the contract on our end and return the completed contract to you. Afterwards, I can arrange scheduling and other related matters directly with the consultant if you prefer.

Sincerely,
Megan.

Megan DeVries, M.A.
Archaeological Operations Supervisor

Department of Consultation and Accommodation (DOCA)
Mississaugas of the Credit First Nation (MCFN)
4065 Highway 6 North, Hagersville, ON N0A 1H0
P: 905-768-4260 | M: 289-527-2763
http://www.mncfn.ca

HOLIDAY ALERT: Please note that MCFN-DOCA will be closed from December 19th until January 3rd.

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From: Fawn Sault
Sent: Wednesday, December 9, 2020 12:56 PM
To: italia.ponce@peelregion.ca
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Megan DeVries <Megan.DeVries@mncfn.ca>; Darin Wybenga

<Darin.Wybenga@mncfn.ca>
Subject: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

Dear Italia,

Please see the attached letter regarding your project EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Miigwech,

Fawn Sault
Consultation Coordinator
Mississaugas of the Credit First Nation
4065 Hwy. 6, Hagersville, N0A 1H0
Website: http://mncfn.ca/
Ph: 905-768-4260
Cell:289-527-6580

Holiday alert: Please note that DOCA will be closed from December 18th to January 3rd

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Field Liaison Representative Participation Agreement
between:
The Mississaugas of the Credit First Nation
and
The Regional Municipality of Peel

A - Background

1. The purpose of this agreement is to provide the Mississaugas of the Credit First Nation (hereinafter, "MCFN") with capacity assistance to its Field Liaison Representatives (hereinafter, "FLRs") in connection with all environmental and/or archaeological assessments required for the Etobicoke Creek Trunk Sewer Improvements and Upgrade Schedule C Class Environmental Assessment (hereinafter, "the Project") located in the City of Brampton and the City of Mississauga in The Regional Municipality of Peel (hereinafter, "the Proponent").

2. The Proponent understands that MCFN wishes to send its FLRs to participate in and monitor the assessments associated with the Project, and that the FLRs' mandate will be to ensure that MCFN's perspectives and priorities are considered and to enable MCFN to provide timely and meaningful comment on the Project.

3. All archaeological work in connection with any Project in the Territory will be carried out in accordance with the *Ontario Heritage Act* and its Regulations. The archaeological work will meet or exceed the Ontario Ministry of Heritage, Sport, Tourism, and Culture Industries (hereinafter, "MHSTCI") standards and guidelines for consultant archaeologists as amended, including the *Terms and Conditions for Archaeological Licences, Standards and Guidelines for Consultant Archaeologists (2011)* and the Draft *Engaging Aboriginal Communities in Archaeology Technical Bulletin (2011),* (hereinafter collectively, "MHSTCI Standards 2011").

4. The Proponent agrees that all archaeological work conducted for the Project will comply with the MCFN *Standards and Guidelines for Archaeology* (published April 2, 2018), (hereinafter, "MCFN Standards") as long as the MCFN Standards do not fall below MHSTCI Standards 2011. The MHSTCI Standards 2011 will be paramount in the event of a direct conflict between MCFN Standards and the MHSTCI Standards 2011.

5. Nothing in this Agreement shall be interpreted or implemented so as to derogate or abrogate from any MCFN Aboriginal or Treaty right or claim, or to indicate consent to the Project.

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B – Fees and Cost Structure

6. The Proponent will provide capacity funding for each FLR in the amount of [redacted]0 per hour for all activities relating to the Project. Activities relating to the Project include, but are not limited to:
    a. Time spent on site monitoring assessment or predetermined construction-related activities;
    b. Time spent completing data or artifact processing, identification, analysis, and interpretation activities alongside their consultant(s);
    c. Actual travel time at the beginning of, during, and/or end of each day;
    d. Time completing daily notes relating to the Project;
    e. Time spent on standby at the request of the Proponent or their consultant(s); and
    f. Time completing mandatory training at the request of the Proponent or their consultant(s).

7. The Proponent will pay a supervisory fee of 3.5%, based on the number of hours charged to the Proponent, to provide MCFN with the capacity to facilitate in-field technical support for the FLRs via the Field Archaeologist.

8. The Proponent will reimburse the FLRs for reasonable mileage and meals in accordance with current Federal Canada Treasury Board guidelines, over and above the hourly rate [see Schedule B]. Mileage rates are determined using the MCFN Department of Consultation and Accommodation as the place of departure.

9. The Proponent will provide capacity funding for each FLR in the amount of [redacted] per hour for any work exceeding eight hours per day and/or forty hours per week. The above noted mileage and meal allowance remains in effect.

10. The Proponent will provide capacity funding for each FLR in the amount of $[redacted] per hour for any work occurring on the following holidays: New Year's Day, Family Day, Good Friday, Victoria Day, Indigenous Solidarity Day (June 21), Canada Day, Civic Holiday, Labour Day, Thanksgiving Day, Remembrance Day, Christmas Day, and Boxing Day. The above noted mileage and meal allowance rates remain in effect.

11. The Proponent agrees that the FLRs will be paid for a minimum of three hours, plus actual travel time, mileage, and meal allowance rates as noted above, on any day when work is cancelled by the Proponent or their consultant(s) while FLRs are en route to the work site or after the FLRs have already arrived.

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12. If its use is deemed necessary by both Parties, the Proponent agrees to reimburse the FLRs for their use of the 407ETR upon receipt of a copy of the bill. This agreement will be provided in writing to MCFN's Field Coordinator.

13. If deemed reasonable by both Parties, the Proponent agrees to cover the cost of overnight accommodation for FLRs participating in environmental and/or archaeological fieldwork at locations which would otherwise require more than 90 minutes of travel time at both the beginning and end of the work day, as determined using the MCFN Department of Consultation and Accommodation as the place of departure. An additional Incidental Allowance fee is required for any work which requires overnight accommodations, as set out in Schedule B. This agreement will be provided in writing to MCFN's Field Coordinator.

C – Additional Conditions

14. The parties acknowledge that the Project, in whole or in part, takes place within MCFN Territory and agree that the Proponent shall provide capacity funding for FLR participation in the Project field work where possible for the duration of the Project.

15. The Proponent agrees that two FLRs shall be on location whenever Project-related activities are taking place within its Territory, as set out in Schedule A.

16. Additional FLRs may be required if the number of field personnel utilized by the consultant exceeds fourteen (14) individuals and the Proponent agrees to provide capacity funding for additional FLRs. MCFN requires one additional FLR per five additional field crew, as outlined in the chart below:

Number of Field Personnel	Number of FLRs Required
1 to 14	2
15 to 19	3
20 to 24	4
25 to 29	5
30 to 34	6
35 to 39	7
40+	8+

17. The Parties acknowledge that the FLRs time and travel will be recorded and verified using the ClockShark Time Tracking Software System and that invoicing will be prepared using these records, not those of a third party.

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18. If archaeological resources are encountered at any time during construction or other Project-related activity, all excavation or other activity that could disturb the site shall immediately cease, and the Proponent shall immediately notify MCFN's Archaeological Operations Supervisor or designate. The Parties shall work collaboratively to minimize impacts and ensure respectful treatment of any archaeological resources in accordance with the practices and values of MCFN as identified by MCFN.

19. If human remains are encountered at any time during construction or other Project-related activity, the following steps shall be taken:
    a. All excavation or other activity that could disturb the site shall immediately cease, and the area shall be secured in a manner that protects the site location and prevents public access and trespass; and
    b. In addition to any notifications required under the *Funeral, Burial and Cremation Services Act, 2002,* SO 2002, C 33, the Proponent shall immediately contact MCFN's duly appointed Archaeological Operations Supervisor or designate; and
    c. MCFN shall be permitted to conduct any ceremonies on site in relation to the human remains that may be of Aboriginal ancestry ("Ancestral Remains"); and
    d. MCFN shall be consulted about all steps in the investigation and any decisions or agreements to be made regarding Ancestral Remains.

20. The Stage 2 archeological assessment to which this Agreement applies is anticipated to begin in the Spring 2021 once conditions allow, but not earlier than mid April 2021. The Proponent will contact MCFN 2-3 weeks in advance of the work in order to allow for enough time to make FLR arrangements.

D - Coordination of the FLRs

21. The Parties agree that the FLRs will follow the reasonable instructions of the Proponent and their consultant firm(s) conducting the environmental and/or archaeological work concerning safety practices, and that the FLRs will attend "tailgate" safety meetings if requested.

22. The Proponent's contact person for activities relating to the archaeological and environmental assessment portion of the Project is Italia Ponce. Contact information for this person is as follows:

    Blake Williams – Project Manager
    BWillimas@asiheritage.ca
    Etobicoke Creek Trunk Sewer Improvements and Upgrades

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ASI
416-966-1069 x 258
528 Bathurst St., Toronto, ON M5S 2P9

23. The Parties agree that the contact person for the consultant firm(s) will coordinate site meeting locations and times through MCFN's duly appointed Field Coordinator. Contact information for the Field Coordinator is as follows:

    Joelle Williams
    Telephone: 905-768-4260
    Cell: 905-870-2918
    Email: joelle.williams@mncfn.ca

E - Status of the FLRs

24. The FLRs selected by MCFN have appropriate qualifications for the work required – for example, training in environmental and/or archaeological monitoring – and experience in bridging Indigenous perspectives with Western approaches, as reasonably determined by MCFN.

25. The Parties agree that the FLRs are not employees, contractors, or sub-contractors of the Proponent or their consultant(s) and that the FLRs will be responsible for their own personal protective equipment, such as hard hats, safety boots, and safety vests, unless specific or otherwise unique personal protective equipment is required, which will therefore be provided or reimbursed by the Proponent.

26. FLRs take direction from MCFN. MCFN pays Workplace Safety and Insurance Board ("WSIB") contributions in respect of the FLRs and will, at its own expense, maintain for the term of this agreement a comprehensive general liability ("CGL") policy or policies with a limit of at least $1 million and shall provide the Proponent with evidence of such insurance, upon request. MCFN agrees that FLRs will perform their activities safely, in a good and competent manner, in compliance with all applicable laws, regulations, and guidelines.

27. MCFN expects that the Proponent will comply with the *Occupational Health and Safety Act*, R.S.O. 1990, C. 0.1, the Ontario *Human Rights Code*, R. S. O. 1990, c. H.19, and maintain a safe, harassment-free work environment.

28. The Proponent is responsible for negligence or other failure to maintain a safe and harassment-free work environment. To the extent that the Proponent is responsible for

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negligence or other failure to maintain a safe and harassment-free work environment, the Proponent is liable and shall indemnify MCFN claims or demands related to injury, accident, discrimination, or harassment by the Proponent's employees, agents, consultants, or other parties under the control or direction of the Proponent.

F - Method of Payment

29. The Parties agree that the Proponent will pay the capacity funding as agreed to above by cheque or bank transfer and upon receipt of an invoice from MCFN. All invoices will be addressed directly to the Proponent, the Project will be noted in the text of each invoice, and all invoices will be prepared as per MCFN-DOCA's standard invoicing format. Invoices should be submitted electronically to the following address:

    Italia Ponce – Project Manager
    Italia.ponce@peelregion.ca
    Etobicoke Creek Trunk Sewer Improvements and Upgrades
    Region of Peel – Public Works
    905-791-7800 ext. 4583
    10 Peel Centre Dr. Brampton, ON L6T 4B9

30. All payment should be made to the MCFN Department of Consultation and Accommodation to the following address. For additional information, please call the office at 905-768-4260.

    Email address: nicole.laforme-hess@mncfn.ca
    Attention: MCFN-DOCA
    4065 Highway 6
    Hagersville, Ontario
    N0A 1H0

31. After thirty [30] days, a 5% monthly compounded interest rate will be charged on outstanding invoices. After six [6] months of non-payment, a 20% monthly compounded interest rate will be charged on outstanding invoices.

G – Disclaimer

32. The Parties agree that the capacity funding payments for the FLRs will be used only for the purposes described in this Agreement and will not be paid for the improper personal gain of any individual or for any other purpose that might violate any Canadian anti-corruption law.

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33. If applicable, the parties agree that the execution of this Agreement may be facilitated through facsimile or electronic means and/or this Agreement may be executed in several counterparts and any such facsimile or electronic copy and any such counterpart shall be deemed to be an original Agreement, and such facsimile or electronic copies or such counterparts together shall constitute one and the same Agreement and shall have the same force and effect as an executed original.

34. This agreement is legally binding on MCFN and the Proponent.

35. The term of this agreement is from April 1, 2020 to March 31, 2021. In the event that Project-related activities requiring FLR participation continue past this termination date, a new agreement will be executed between Parties.

[The remainder of this page is intentionally left blank.]

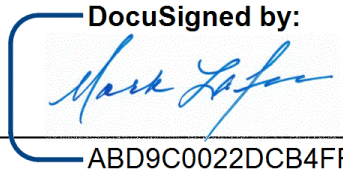
DocuSign Envelope ID: 5ECD2E30-442C-4971-897C-8CFF15D1D577

Signed this _____ day of _____, 2021.



Authorized Signatory on behalf of
The Proponent

Italia Ponce, P.Eng.
Project Manager
Public Works
The Regional Municipality of Peel



Authorized Signatory on behalf of
Mississaugas of the Credit First Nation

Mark LaForme
Director
Dept. of Consultation and Accommodation
Mississaugas of the Credit First Nation

Witness

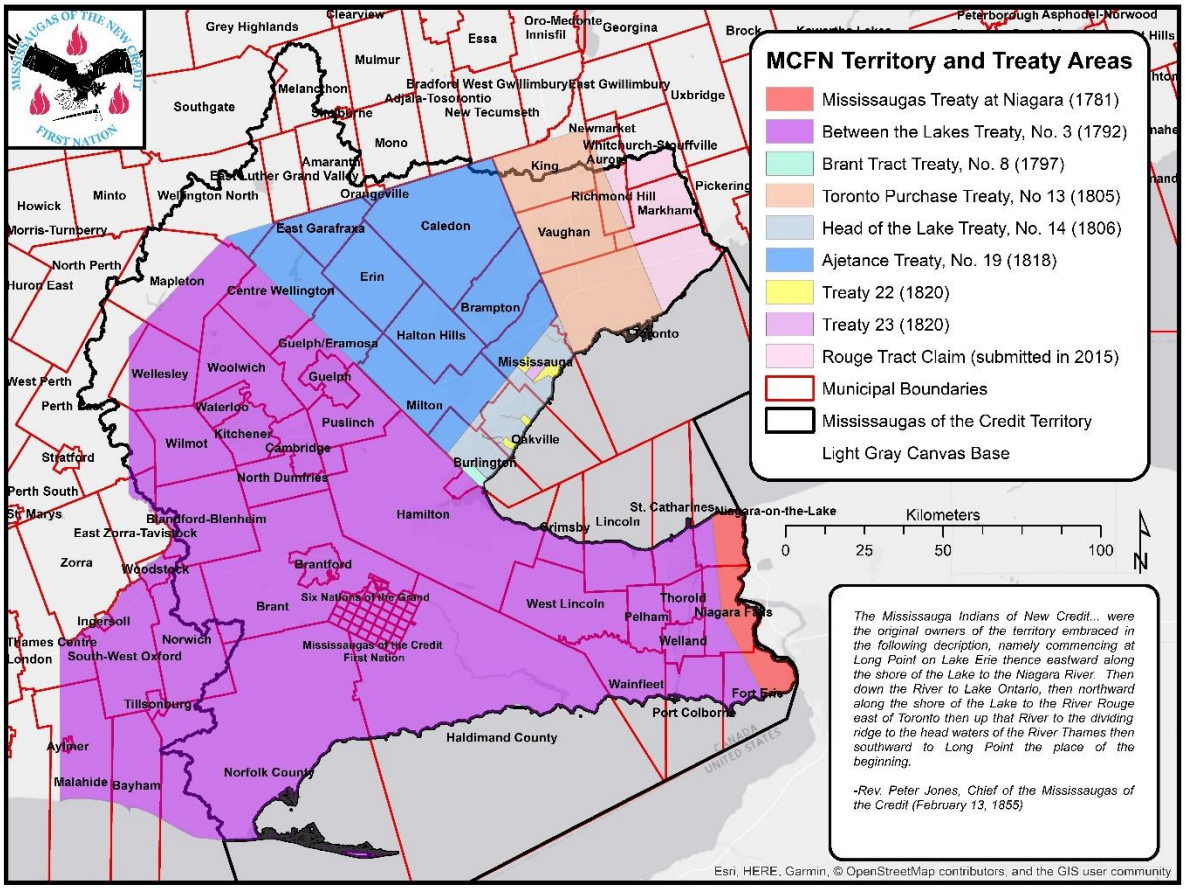
[printed name of witness]
[job title]
[department]
[name of the proponent]

Witness

Megan DeVries
Archaeological Operations Supervisor
Dept. of Consultation and Accommodation
Mississaugas of the Credit First Nation

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Schedule A



Municipalities within Mississaugas of the Credit Treaty Lands and Territory

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Schedule B

MISSISSAUGAS OF THE CREDIT FIRST NATION MILEAGE & ALLOWANCE CHART

EFFECTIVE APRIL 1, 2020 to MARCH 31, 2021

MILEAGE		[redacted]	
	https://www.njc-cnm.gc.ca/directive/d10/v238/s658/en#s658-tc-tm		
MEAL ALLOWANCE			**not eligible if:**
BREAKFAST	$	[redacted]	leave after 8am; get home before 7:30am
LUNCH	$		leave after 1:15pm; get home before 12:15pm
DINNER	$		leave after 7pm; get home before 6:30pm
INCIDENTALS	$		not staying overnight
	https://www.njc-cnm.gc.ca/directive/d10/v238/s659/en#s659-tc-tm		
NIGHTTIME*	$	[redacted]	*Applies only to nighttime surveys that would not otherwise trigger dinner or breakfast.

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Field Liaison Representative Participation Agreement
between:
The Mississaugas of the Credit First Nation
and
The Regional Municipality of Peel

A - Background

1. The purpose of this agreement is to provide the Mississaugas of the Credit First Nation (hereinafter, "MCFN") with capacity assistance to its Field Liaison Representatives (hereinafter, "FLRs") in connection with all environmental and/or archaeological assessments required for the Etobicoke Creek Trunk Sewer Improvements and Upgrade Schedule C Class Environmental Assessment (hereinafter, "the Project") located in the City of Brampton and the City of Mississauga in The Regional Municipality of Peel (hereinafter, "the Proponent").

2. The Proponent understands that MCFN wishes to send its FLRs to participate in and monitor the assessments associated with the Project, and that the FLRs' mandate will be to ensure that MCFN's perspectives and priorities are considered and to enable MCFN to provide timely and meaningful comment on the Project.

3. All archaeological work in connection with any Project in the Territory will be carried out in accordance with the *Ontario Heritage Act* and its Regulations. The archaeological work will meet or exceed the Ontario Ministry of Heritage, Sport, Tourism, and Culture Industries (hereinafter, "MHSTCI") standards and guidelines for consultant archaeologists as amended, including the *Terms and Conditions for Archaeological Licences, Standards and Guidelines for Consultant Archaeologists (2011)* and the Draft *Engaging Aboriginal Communities in Archaeology Technical Bulletin (2011),* (hereinafter collectively, "MHSTCI Standards 2011").

4. The Proponent agrees that all archaeological work conducted for the Project will comply with the MCFN *Standards and Guidelines for Archaeology* (published April 2, 2018), (hereinafter, "MCFN Standards") as long as the MCFN Standards do not fall below MHSTCI Standards 2011. The MHSTCI Standards 2011 will be paramount in the event of a direct conflict between MCFN Standards and the MHSTCI Standards 2011.

5. Nothing in this Agreement shall be interpreted or implemented so as to derogate or abrogate from any MCFN Aboriginal or Treaty right or claim, or to indicate consent to the Project.

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B – Fees and Cost Structure

6. The Proponent will provide capacity funding for each FLR in the amount of [redacted] per hour for all activities relating to the Project. Activities relating to the Project include, but are not limited to:
    a. Time spent on site monitoring assessment or predetermined construction-related activities;
    b. Time spent completing data or artifact processing, identification, analysis, and interpretation activities alongside their consultant(s);
    c. Actual travel time at the beginning of, during, and/or end of each day;
    d. Time completing daily notes relating to the Project;
    e. Time spent on standby at the request of the Proponent or their consultant(s); and
    f. Time completing mandatory training at the request of the Proponent or their consultant(s).

7. The Proponent will pay a supervisory fee of 3.5%, based on the number of hours charged to the Proponent, to provide MCFN with the capacity to facilitate in-field technical support for the FLRs via the Field Archaeologist.

8. The Proponent will reimburse the FLRs for reasonable mileage and meals in accordance with current Federal Canada Treasury Board guidelines, over and above the hourly rate [see Schedule B]. Mileage rates are determined using the MCFN Department of Consultation and Accommodation as the place of departure.

9. The Proponent will provide capacity funding for each FLR in the amount of [redacted] per hour for any work exceeding eight hours per day and/or forty hours per week. The above noted mileage and meal allowance remains in effect.

10. The Proponent will provide capacity funding for each FLR in the amount of [redacted] per hour for any work occurring on the following holidays: New Year's Day, Family Day, Good Friday, Victoria Day, Indigenous Solidarity Day (June 21), Canada Day, Civic Holiday, Labour Day, Thanksgiving Day, Remembrance Day, Christmas Day, and Boxing Day. The above noted mileage and meal allowance rates remain in effect.

11. The Proponent agrees that the FLRs will be paid for a minimum of three hours, plus actual travel time, mileage, and meal allowance rates as noted above, on any day when work is cancelled by the Proponent or their consultant(s) while FLRs are en route to the work site or after the FLRs have already arrived.

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12. If its use is deemed necessary by both Parties, the Proponent agrees to reimburse the FLRs for their use of the 407ETR upon receipt of a copy of the bill. This agreement will be provided in writing to MCFN's Field Coordinator.

13. If deemed reasonable by both Parties, the Proponent agrees to cover the cost of overnight accommodation for FLRs participating in environmental and/or archaeological fieldwork at locations which would otherwise require more than 90 minutes of travel time at both the beginning and end of the work day, as determined using the MCFN Department of Consultation and Accommodation as the place of departure. An additional Incidental Allowance fee is required for any work which requires overnight accommodations, as set out in Schedule B. This agreement will be provided in writing to MCFN's Field Coordinator.

C – Additional Conditions

14. The parties acknowledge that the Project, in whole or in part, takes place within MCFN Territory and agree that the Proponent shall provide capacity funding for FLR participation in the Project field work where possible for the duration of the Project.

15. The Proponent agrees that two FLRs shall be on location whenever Project-related activities are taking place within its Territory, as set out in Schedule A.

16. Additional FLRs may be required if the number of field personnel utilized by the consultant exceeds fourteen (14) individuals and the Proponent agrees to provide capacity funding for additional FLRs. MCFN requires one additional FLR per five additional field crew, as outlined in the chart below:

Number of Field Personnel	Number of FLRs Required
1 to 14	2
15 to 19	3
20 to 24	4
25 to 29	5
30 to 34	6
35 to 39	7
40+	8+

17. The Parties acknowledge that the FLRs time and travel will be recorded and verified using the ClockShark Time Tracking Software System and that invoicing will be prepared using these records, not those of a third party.

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18. If archaeological resources are encountered at any time during construction or other Project-related activity, all excavation or other activity that could disturb the site shall immediately cease, and the Proponent shall immediately notify MCFN's Archaeological Operations Supervisor or designate. The Parties shall work collaboratively to minimize impacts and ensure respectful treatment of any archaeological resources in accordance with the practices and values of MCFN as identified by MCFN.

19. If human remains are encountered at any time during construction or other Project-related activity, the following steps shall be taken:
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    b. In addition to any notifications required under the *Funeral, Burial and Cremation Services Act, 2002,* SO 2002, C 33, the Proponent shall immediately contact MCFN's duly appointed Archaeological Operations Supervisor or designate; and
    c. MCFN shall be permitted to conduct any ceremonies on site in relation to the human remains that may be of Aboriginal ancestry ("Ancestral Remains"); and
    d. MCFN shall be consulted about all steps in the investigation and any decisions or agreements to be made regarding Ancestral Remains.

20. The Stage 2 archeological assessment to which this Agreement applies is anticipated to begin in the Spring 2021 once conditions allow, but not earlier than mid April 2021. The Proponent will contact MCFN 2-3 weeks in advance of the work in order to allow for enough time to make FLR arrangements.

D - Coordination of the FLRs

21. The Parties agree that the FLRs will follow the reasonable instructions of the Proponent and their consultant firm(s) conducting the environmental and/or archaeological work concerning safety practices, and that the FLRs will attend "tailgate" safety meetings if requested.

22. The Proponent's contact person for activities relating to the archaeological and environmental assessment portion of the Project is Italia Ponce. Contact information for this person is as follows:

    Blake Williams – Project Manager
    BWillimas@asiheritage.ca
    Etobicoke Creek Trunk Sewer Improvements and Upgrades

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ASI
416-966-1069 x 258
528 Bathurst St., Toronto, ON M5S 2P9

23. The Parties agree that the contact person for the consultant firm(s) will coordinate site meeting locations and times through MCFN's duly appointed Field Coordinator. Contact information for the Field Coordinator is as follows:

    Joelle Williams
    Telephone: 905-768-4260
    Cell: 905-870-2918
    Email: joelle.williams@mncfn.ca

E - Status of the FLRs

24. The FLRs selected by MCFN have appropriate qualifications for the work required – for example, training in environmental and/or archaeological monitoring – and experience in bridging Indigenous perspectives with Western approaches, as reasonably determined by MCFN.

25. The Parties agree that the FLRs are not employees, contractors, or sub-contractors of the Proponent or their consultant(s) and that the FLRs will be responsible for their own personal protective equipment, such as hard hats, safety boots, and safety vests, unless specific or otherwise unique personal protective equipment is required, which will therefore be provided or reimbursed by the Proponent.

26. FLRs take direction from MCFN. MCFN pays Workplace Safety and Insurance Board ("WSIB") contributions in respect of the FLRs and will, at its own expense, maintain for the term of this agreement a comprehensive general liability ("CGL") policy or policies with a limit of at least $1 million and shall provide the Proponent with evidence of such insurance, upon request. MCFN agrees that FLRs will perform their activities safely, in a good and competent manner, in compliance with all applicable laws, regulations, and guidelines.

27. MCFN expects that the Proponent will comply with the *Occupational Health and Safety Act*, R.S.O. 1990, C. 0.1, the Ontario *Human Rights Code*, R. S. O. 1990, c. H.19, and maintain a safe, harassment-free work environment.

28. The Proponent is responsible for negligence or other failure to maintain a safe and harassment-free work environment. To the extent that the Proponent is responsible for

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negligence or other failure to maintain a safe and harassment-free work environment, the Proponent is liable and shall indemnify MCFN claims or demands related to injury, accident, discrimination, or harassment by the Proponent's employees, agents, consultants, or other parties under the control or direction of the Proponent.

F - Method of Payment

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    Italia Ponce – Project Manager
    Italia.ponce@peelregion.ca
    Etobicoke Creek Trunk Sewer Improvements and Upgrades
    Region of Peel – Public Works
    905-791-7800 ext. 4583
    10 Peel Centre Dr. Brampton, ON L6T 4B9

30. All payment should be made to the MCFN Department of Consultation and Accommodation to the following address. For additional information, please call the office at 905-768-4260.

    Email address: nicole.laforme-hess@mncfn.ca
    Attention: MCFN-DOCA
    4065 Highway 6
    Hagersville, Ontario
    N0A 1H0

31. After thirty [30] days, a 5% monthly compounded interest rate will be charged on outstanding invoices. After six [6] months of non-payment, a 20% monthly compounded interest rate will be charged on outstanding invoices.

G – Disclaimer

32. The Parties agree that the capacity funding payments for the FLRs will be used only for the purposes described in this Agreement and will not be paid for the improper personal gain of any individual or for any other purpose that might violate any Canadian anti-corruption law.

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33. If applicable, the parties agree that the execution of this Agreement may be facilitated through facsimile or electronic means and/or this Agreement may be executed in several counterparts and any such facsimile or electronic copy and any such counterpart shall be deemed to be an original Agreement, and such facsimile or electronic copies or such counterparts together shall constitute one and the same Agreement and shall have the same force and effect as an executed original.

34. This agreement is legally binding on MCFN and the Proponent.

35. The term of this agreement is from April 1, 2020 to March 31, 2021. In the event that Project-related activities requiring FLR participation continue past this termination date, a new agreement will be executed between Parties.

[The remainder of this page is intentionally left blank.]

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Signed this _____ day of _____, 2021.



Authorized Signatory on behalf of
The Proponent

Italia Ponce, P.Eng.
Project Manager
Public Works
The Regional Municipality of Peel

DocuSigned by:
ABD9C0022DCB4FF...

Authorized Signatory on behalf of
Mississaugas of the Credit First Nation

Mark LaForme
Director
Dept. of Consultation and Accommodation
Mississaugas of the Credit First Nation

_____

Witness

[printed name of witness]
[job title]
[department]
[name of the proponent]

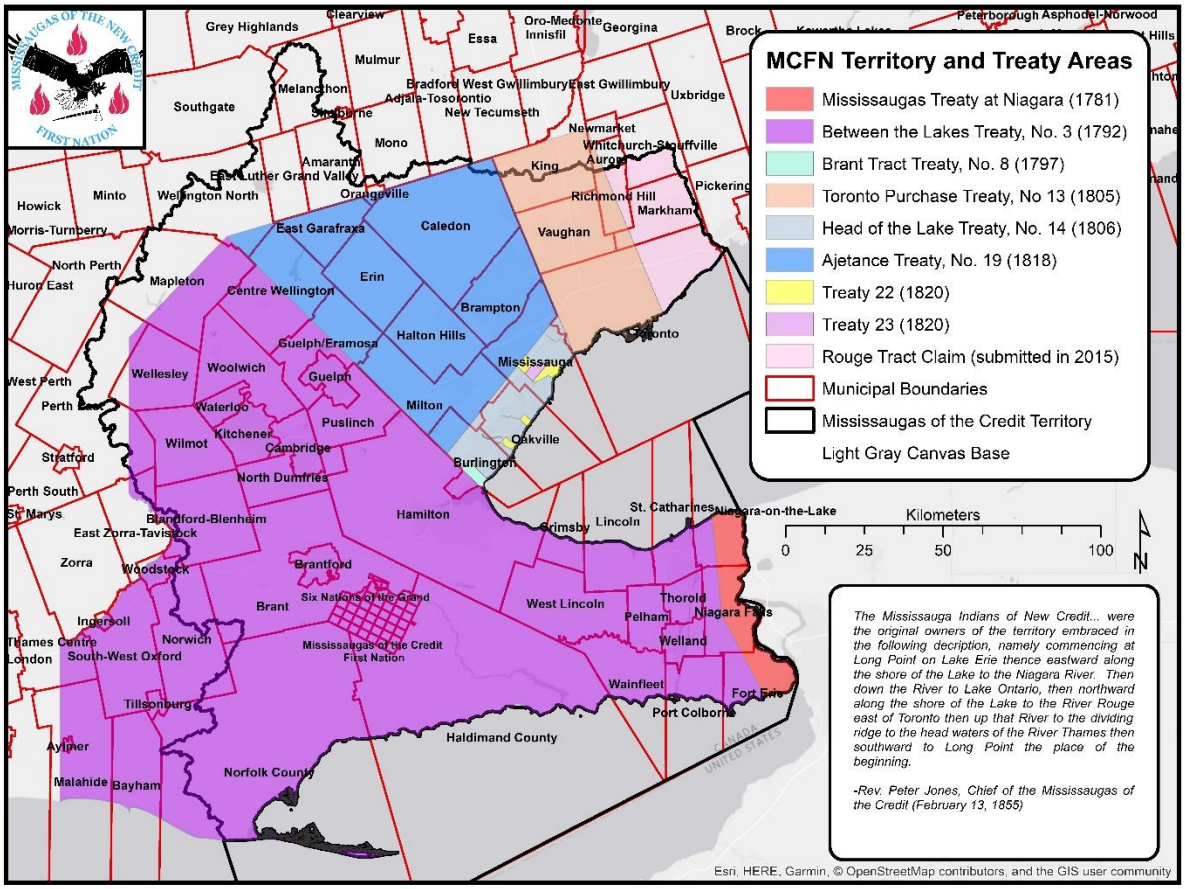
_____

Witness

Megan DeVries
Archaeological Operations Supervisor
Dept. of Consultation and Accommodation
Mississaugas of the Credit First Nation

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Schedule A



Municipalities within Mississaugas of the Credit Treaty Lands and Territory

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Schedule B

MISSISSAUGAS OF THE CREDIT FIRST NATION MILEAGE & ALLOWANCE CHART

EFFECTIVE APRIL 1, 2020 to MARCH 31, 2021

MILEAGE		[redacted]	
		https://www.njc-cnm.gc.ca/directive/d10/v238/s658/en#s658-tc-tm	
MEAL ALLOWANCE			**not eligible if:**
BREAKFAST	$	[redacted]	leave after 8am; get home before 7:30am
LUNCH	$		leave after 1:15pm; get home before 12:15pm
DINNER	$		leave after 7pm; get home before 6:30pm
INCIDENTALS	$		not staying overnight
		https://www.njc-cnm.gc.ca/directive/d10/v238/s659/en#s659-tc-tm	
NIGHTTIME*	$	[redacted]	*Applies only to nighttime surveys that would not otherwise trigger dinner or breakfast.

TEMPORARY ELECTRONIC APPROVAL TEMPLATE

THE MISSISSAUGAS OF THE CREDIT FIRST NATION	
APPROVAL DATE:	MM DD YYYY

I, <Full Name and Title> confirm that I have the authorization of <Insert Counterpart Name> to enter into the attached **Archaeological Assessment Review Agreement** on behalf of <Insert Counterpart Name> with The Regional Municipality of Peel. The <Insert Counterpart Name> agrees to the terms and conditions set out in the attached **Archaeological Assessment Review Agreement**. I, <Full Name and Title> agree to sign all original documents with wet signatures or with an approved Region of Peel electronic signature solution once the temporary procedure has been rescinded. I, <Full Name and Title> have the authority to bind the corporation.

REGIONAL MUNICIPALITY OF PEEL	
APPROVAL DATE:	03 23 2021

I, Italia Ponce Vanelli - Project Manager Water & Wastewater Division confirm that I have the authorization of Regional Council of The Regional Municipality of Peel to enter into the attached **Archaeological Assessment Review Agreement** on behalf of The Regional Municipality of Peel pursuant to Document Execution By-law 32-2017, as amended by By-law 6-2020. The Regional Municipality of Peel agrees to the terms and conditions set out in the attached **Archaeological Assessment Review Agreement**. I, Italia Ponce Vanelli - Project Manager Water & Wastewater Division agree to sign all original documents with wet signatures or with an approved Region of Peel electronic signature solution once the temporary procedure has been rescinded. I, Italia Ponce Vanelli - Project Manager Water & Wastewater Division have the authority to bind the corporation.

TEMPORARY ELECTRONIC APPROVAL TEMPLATE

THE MISSISSAUGAS OF THE CREDIT FIRST NATION	
APPROVAL DATE:	MM DD YYYY

I, <Full Name and Title> confirm that I have the authorization of The Mississaugas of the Credit First Nation to enter into the attached **Field Liaison Representative Participation Agreement** on behalf of <Insert Counterpart Name> with The Regional Municipality of Peel. The Mississaugas of the Credit First Nation agrees to the terms and conditions set out in the attached Field Liaison Representative Participation Agreement. I, <Full Name and Title> agree to sign all original documents with wet signatures or with an approved Region of Peel electronic signature solution once the temporary procedure has been rescinded. I, <Full Name and Title> have the authority to bind the corporation.

REGIONAL MUNICIPALITY OF PEEL	
APPROVAL DATE:	03 03 2021

I, Italia Ponce - Project Manager Water & Wastewater Division, confirm that I have the authorization of Regional Council of The Regional Municipality of Peel to enter into the attached **Field Liaison Representative Participation Agreement** on behalf of The Regional Municipality of Peel pursuant Document Execution By-law 32-2017, as amended by By-law 6-2020. The Regional Municipality of Peel agrees to the terms and conditions set out in the attached **Field Liaison Representative Participation Agreement**. I, Italia Ponce - Project Manager Water & Wastewater Division, agree to sign all original documents with wet signatures or with an approved Region of Peel electronic signature solution once the temporary procedure has been rescinded. I, Italia Ponce - Project Manager Water & Wastewater Division have the authority to bind the corporation.

Newton, Dorin/TOR

From: Megan DeVries <Megan.DeVries@mncfn.ca>
Sent: Thursday, March 4, 2021 9:01 AM
To: Ponce Vanelli, Italia
Cc: Mark LaForme; Fawn Sault; Newton, Dorin/TOR; Jones, Lee Anne/TOR
Subject: [EXTERNAL] RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Italia,

Do you need us to fill out the Temporary Electronic approval form as well? I noted that it's not fillable, so I'm not sure what the best way is to go about that.

Thanks,
Megan.

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Wednesday, March 3, 2021 4:41 PM
To: Megan DeVries <Megan.DeVries@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Fawn Sault <Fawn.Sault@mncfn.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
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Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

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Sincerely,
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Megan DeVries, M.A. (she/her)
Archaeological Operations Supervisor

Department of Consultation and Accommodation (DOCA)
Mississaugas of the Credit First Nation (MCFN)
4065 Highway 6 North, Hagersville, ON N0A 1H0
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Lee Anne Jones, P. Eng. | Jacobs | Senior Project Manager|
416.499.0090 X 73616 | 416.561.1396 cell | LeeAnne.Jones@jacobs.com | www.jacobs.com

&

Eliza Brandy, MA
Associate Archaeologist | Project Manager • Environmental Assessment Division

ASI • Providing Archaeological & Cultural Heritage Services
EBrandy@asiheritage.ca • 416 966 1069 x 222 • Fax: 416 966 9723
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Consultation Coordinator
Mississaugas of the Credit First Nation
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Associate Archaeologist | Project Manager • Environmental Assessment Division

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Attachments: Signed FLR Agreement [2021].pdf; Signed Review Agreement [2021].pdf

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- Stage 1 Archaeological Assessment Report – Completed on September 21, 2020 by ASI. This report will be submitted by ASI to MHSTCI for their review and entry into the Register of Archaeological Reports once we confirm that all reviews are complete. This report was provided to you.
- Cultural Heritage Resource Assessment Report – Completed on September 16, 2020 by ASI
- Natural Sciences Report – Completed on October 30, 2020 by LGL
- Hydrogeology Desktop Review Technical Memo – Completed on September 18, 2020 by Jacobs
- Environmental Desktop Review Technical Memo – Completed on August 14, 2020 by Jacobs

The documentation that are upcoming are the EA's Phase 2 Summary Report (this will include the above listed individual studies) and the subsequent ESR. The ESR is anticipated to be completed in May/June 2021 and will include:

- Stage 2 Archaeological Assessment report with field work commencing in Spring 2021
- Natural Heritage Technical memo on the Preferred Alternative with no field work anticipated

This project also includes undertaking services to obtain additional information for detailed design (topographical surveys, SUE investigations and fieldwork for hydrogeological, geotechnical and environmental investigations) through Summer of 2021. The Region intends to procure firms in Spring 2021 to undertake this work.

Through the completion of the ESR, required measures will be identified to mitigate potential impacts on natural and/or cultural resources. You have also asked for the contact information for the archaeological scope. Below are our consultant's contact information as well as the contact of the subcontractor undertaking the archeological assessment ASI. If there are any questions, please feel free to contact me.

Lee Anne Jones, P. Eng. | Jacobs | Senior Project Manager|
416.499.0090 X 73616 | 416.561.1396 cell | LeeAnne.Jones@jacobs.com | www.jacobs.com

&

Eliza Brandy, MA
Associate Archaeologist | Project Manager • Environmental Assessment Division

ASI • Providing Archaeological & Cultural Heritage Services
EBrandy@asiheritage.ca • 416 966 1069 x 222 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

This email, including any attachments, is intended for the recipient specified in the message and may contain information which is confidential or privileged. Any unauthorized use or disclosure of this email is prohibited. If you are not the intended recipient or have received this e-mail in error, please notify the sender via return email and permanently delete all copies of

the email. Thank you.

From: Megan DeVries <Megan.DeVries@mncfn.ca>
Sent: December 14, 2020 2:47 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Fawn Sault <Fawn.Sault@mncfn.ca>
Subject: RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Good afternoon,

Please find attached a letter from the Mississaugas of the Credit First Nation ("MCFN") regarding the upcoming assessment for Etobicoke Creek Trunk Sewer Improvements, as identified below.

Please note that this year, in order to continue maintaining DOCA capacity for fulsome project participation, DOCA will be introducing charges for technical review of project information. In the exercise of its stewardship responsibility, DOCA seeks to work together with project proponents and their archaeological consultants to ensure that archaeological work is done properly and respectfully. DOCA has retained technical advisers with expertise in the field of archaeology. These experts will review the technical aspects and cultural appropriateness of the archaeological assessments and strategies associated with your project. Upon completion of these reviews, MCFN will identify, if necessary, mitigation measures to address any project impacts upon MCFN rights. For cultural materials and human remains, DOCA may advise that this includes ceremonies required by Anishinaabe law, as well as request adjustments to the proposed fieldwork strategy.

The proponent is expected to pay the costs for MCFN to engage in a technical review of the project. DOCA anticipates at this time that all archaeological review will be undertaken by in-house technical experts, but will advise the proponent if an outside peer-review is required. Please find attached the agreement that covers MCFN's inhouse technical review of the archaeological assessments and strategies associated with your project(s). If you could please fill in the additional required information, highlighted in yellow, and return to us a signed copy, that would be greatly appreciated. After we have received it, we can execute the contract on our end and return the completed contract to you. Afterwards, I can arrange scheduling and other related matters directly with the consultant if you prefer.

Sincerely,
Megan.

Megan DeVries, M.A.
Archaeological Operations Supervisor

Department of Consultation and Accommodation (DOCA)
Mississaugas of the Credit First Nation (MCFN)
4065 Highway 6 North, Hagersville, ON N0A 1H0
P: 905-768-4260 | M: 289-527-2763
http://www.mncfn.ca

HOLIDAY ALERT: Please note that MCFN-DOCA will be closed from December 19th until January 3rd.

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of the Mississaugas of the Credit First Nation.

From: Fawn Sault
Sent: Wednesday, December 9, 2020 12:56 PM
To: italia.ponce@peelregion.ca
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Megan DeVries <Megan.DeVries@mncfn.ca>; Darin Wybenga <Darin.Wybenga@mncfn.ca>
Subject: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

Dear Italia,

Please see the attached letter regarding your project EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Miigwech,

Fawn Sault
Consultation Coordinator
Mississaugas of the Credit First Nation
4065 Hwy. 6, Hagersville, N0A 1H0
Website: http://mncfn.ca/
Ph: 905-768-4260
Cell:289-527-6580

Holiday alert: Please note that DOCA will be closed from December 18th to January 3rd

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Field Liaison Representative Participation Agreement
between:
The Mississaugas of the Credit First Nation
and
The Regional Municipality of Peel

A - Background

1. The purpose of this agreement is to provide the Mississaugas of the Credit First Nation (hereinafter, "MCFN") with capacity assistance to its Field Liaison Representatives (hereinafter, "FLRs") in connection with all environmental and/or archaeological assessments required for the Etobicoke Creek Trunk Sewer Improvements and Upgrade Schedule C Class Environmental Assessment (hereinafter, "the Project") located in the City of Brampton and the City of Mississauga in The Regional Municipality of Peel (hereinafter, "the Proponent").

2. The Proponent understands that MCFN wishes to send its FLRs to participate in and monitor the assessments associated with the Project, and that the FLRs' mandate will be to ensure that MCFN's perspectives and priorities are considered and to enable MCFN to provide timely and meaningful comment on the Project.

3. All archaeological work in connection with any Project in the Territory will be carried out in accordance with the *Ontario Heritage Act* and its Regulations. The archaeological work will meet or exceed the Ontario Ministry of Heritage, Sport, Tourism, and Culture Industries (hereinafter, "MHSTCI") standards and guidelines for consultant archaeologists as amended, including the *Terms and Conditions for Archaeological Licences, Standards and Guidelines for Consultant Archaeologists (2011)* and the Draft *Engaging Aboriginal Communities in Archaeology Technical Bulletin (2011),* (hereinafter collectively, "MHSTCI Standards 2011").

4. The Proponent agrees that all archaeological work conducted for the Project will comply with the MCFN *Standards and Guidelines for Archaeology* (published April 2, 2018), (hereinafter, "MCFN Standards") as long as the MCFN Standards do not fall below MHSTCI Standards 2011. The MHSTCI Standards 2011 will be paramount in the event of a direct conflict between MCFN Standards and the MHSTCI Standards 2011.

5. Nothing in this Agreement shall be interpreted or implemented so as to derogate or abrogate from any MCFN Aboriginal or Treaty right or claim, or to indicate consent to the Project.

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B – Fees and Cost Structure

6. The Proponent will provide capacity funding for each FLR in the amount of $85.00 per hour for all activities relating to the Project. Activities relating to the Project include, but are not limited to:
    a. Time spent on site monitoring assessment or predetermined construction-related activities;
    b. Time spent completing data or artifact processing, identification, analysis, and interpretation activities alongside their consultant(s);
    c. Actual travel time at the beginning of, during, and/or end of each day;
    d. Time completing daily notes relating to the Project;
    e. Time spent on standby at the request of the Proponent or their consultant(s); and
    f. Time completing mandatory training at the request of the Proponent or their consultant(s).

7. The Proponent will pay a supervisory fee of 3.5%, based on the number of hours charged to the Proponent, to provide MCFN with the capacity to facilitate in-field technical support for the FLRs via the Field Archaeologist.

8. The Proponent will reimburse the FLRs for reasonable mileage and meals in accordance with current Federal Canada Treasury Board guidelines, over and above the hourly rate [see Schedule B]. Mileage rates are determined using the MCFN Department of Consultation and Accommodation as the place of departure.

9. The Proponent will provide capacity funding for each FLR in the amount of $125.00 per hour for any work exceeding eight hours per day and/or forty hours per week. The above noted mileage and meal allowance remains in effect.

10. The Proponent will provide capacity funding for each FLR in the amount of $125.00 per hour for any work occurring on the following holidays: New Year's Day, Family Day, Good Friday, Victoria Day, Indigenous Solidarity Day (June 21), Canada Day, Civic Holiday, Labour Day, Thanksgiving Day, Remembrance Day, Christmas Day, and Boxing Day. The above noted mileage and meal allowance rates remain in effect.

11. The Proponent agrees that the FLRs will be paid for a minimum of three hours, plus actual travel time, mileage, and meal allowance rates as noted above, on any day when work is cancelled by the Proponent or their consultant(s) while FLRs are en route to the work site or after the FLRs have already arrived.

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12. If its use is deemed necessary by both Parties, the Proponent agrees to reimburse the FLRs for their use of the 407ETR upon receipt of a copy of the bill. This agreement will be provided in writing to MCFN's Field Coordinator.

13. If deemed reasonable by both Parties, the Proponent agrees to cover the cost of overnight accommodation for FLRs participating in environmental and/or archaeological fieldwork at locations which would otherwise require more than 90 minutes of travel time at both the beginning and end of the work day, as determined using the MCFN Department of Consultation and Accommodation as the place of departure. An additional Incidental Allowance fee is required for any work which requires overnight accommodations, as set out in Schedule B. This agreement will be provided in writing to MCFN's Field Coordinator.

C – Additional Conditions

14. The parties acknowledge that the Project, in whole or in part, takes place within MCFN Territory and agree that the Proponent shall provide capacity funding for FLR participation in the Project field work where possible for the duration of the Project.

15. The Proponent agrees that two FLRs shall be on location whenever Project-related activities are taking place within its Territory, as set out in Schedule A.

16. Additional FLRs may be required if the number of field personnel utilized by the consultant exceeds fourteen (14) individuals and the Proponent agrees to provide capacity funding for additional FLRs. MCFN requires one additional FLR per five additional field crew, as outlined in the chart below:

Number of Field Personnel	Number of FLRs Required
1 to 14	2
15 to 19	3
20 to 24	4
25 to 29	5
30 to 34	6
35 to 39	7
40+	8+

17. The Parties acknowledge that the FLRs time and travel will be recorded and verified using the ClockShark Time Tracking Software System and that invoicing will be prepared using these records, not those of a third party.

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18. If archaeological resources are encountered at any time during construction or other Project-related activity, all excavation or other activity that could disturb the site shall immediately cease, and the Proponent shall immediately notify MCFN's Archaeological Operations Supervisor or designate. The Parties shall work collaboratively to minimize impacts and ensure respectful treatment of any archaeological resources in accordance with the practices and values of MCFN as identified by MCFN.

19. If human remains are encountered at any time during construction or other Project-related activity, the following steps shall be taken:
    a. All excavation or other activity that could disturb the site shall immediately cease, and the area shall be secured in a manner that protects the site location and prevents public access and trespass; and
    b. In addition to any notifications required under the *Funeral, Burial and Cremation Services Act, 2002,* SO 2002, C 33, the Proponent shall immediately contact MCFN's duly appointed Archaeological Operations Supervisor or designate; and
    c. MCFN shall be permitted to conduct any ceremonies on site in relation to the human remains that may be of Aboriginal ancestry ("Ancestral Remains"); and
    d. MCFN shall be consulted about all steps in the investigation and any decisions or agreements to be made regarding Ancestral Remains.

20. The Stage 2 archeological assessment to which this Agreement applies is anticipated to begin in the Spring 2021 once conditions allow, but not earlier than mid April 2021. The Proponent will contact MCFN 2-3 weeks in advance of the work in order to allow for enough time to make FLR arrangements.

D - Coordination of the FLRs

21. The Parties agree that the FLRs will follow the reasonable instructions of the Proponent and their consultant firm(s) conducting the environmental and/or archaeological work concerning safety practices, and that the FLRs will attend "tailgate" safety meetings if requested.

22. The Proponent's contact person for activities relating to the archaeological and environmental assessment portion of the Project is Italia Ponce. Contact information for this person is as follows:

    Blake Williams – Project Manager
    BWillimas@asiheritage.ca
    Etobicoke Creek Trunk Sewer Improvements and Upgrades

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ASI
416-966-1069 x 258
528 Bathurst St., Toronto, ON M5S 2P9

23. The Parties agree that the contact person for the consultant firm(s) will coordinate site meeting locations and times through MCFN's duly appointed Field Coordinator. Contact information for the Field Coordinator is as follows:

    Joelle Williams
    Telephone: 905-768-4260
    Cell: 905-870-2918
    Email: joelle.williams@mncfn.ca

E - Status of the FLRs

24. The FLRs selected by MCFN have appropriate qualifications for the work required – for example, training in environmental and/or archaeological monitoring – and experience in bridging Indigenous perspectives with Western approaches, as reasonably determined by MCFN.

25. The Parties agree that the FLRs are not employees, contractors, or sub-contractors of the Proponent or their consultant(s) and that the FLRs will be responsible for their own personal protective equipment, such as hard hats, safety boots, and safety vests, unless specific or otherwise unique personal protective equipment is required, which will therefore be provided or reimbursed by the Proponent.

26. FLRs take direction from MCFN. MCFN pays Workplace Safety and Insurance Board ("WSIB") contributions in respect of the FLRs and will, at its own expense, maintain for the term of this agreement a comprehensive general liability ("CGL") policy or policies with a limit of at least $1 million and shall provide the Proponent with evidence of such insurance, upon request. MCFN agrees that FLRs will perform their activities safely, in a good and competent manner, in compliance with all applicable laws, regulations, and guidelines.

27. MCFN expects that the Proponent will comply with the *Occupational Health and Safety Act*, R.S.O. 1990, C. 0.1, the Ontario *Human Rights Code*, R. S. O. 1990, c. H.19, and maintain a safe, harassment-free work environment.

28. The Proponent is responsible for negligence or other failure to maintain a safe and harassment-free work environment. To the extent that the Proponent is responsible for

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negligence or other failure to maintain a safe and harassment-free work environment, the Proponent is liable and shall indemnify MCFN claims or demands related to injury, accident, discrimination, or harassment by the Proponent's employees, agents, consultants, or other parties under the control or direction of the Proponent.

F - Method of Payment

29. The Parties agree that the Proponent will pay the capacity funding as agreed to above by cheque or bank transfer and upon receipt of an invoice from MCFN. All invoices will be addressed directly to the Proponent, the Project will be noted in the text of each invoice, and all invoices will be prepared as per MCFN-DOCA's standard invoicing format. Invoices should be submitted electronically to the following address:

    Italia Ponce – Project Manager
    Italia.ponce@peelregion.ca
    Etobicoke Creek Trunk Sewer Improvements and Upgrades
    Region of Peel – Public Works
    905-791-7800 ext. 4583
    10 Peel Centre Dr. Brampton, ON L6T 4B9

30. All payment should be made to the MCFN Department of Consultation and Accommodation to the following address. For additional information, please call the office at 905-768-4260.

    Email address: nicole.laforme-hess@mncfn.ca
    Attention: MCFN-DOCA
    4065 Highway 6
    Hagersville, Ontario
    N0A 1H0

31. After thirty [30] days, a 5% monthly compounded interest rate will be charged on outstanding invoices. After six [6] months of non-payment, a 20% monthly compounded interest rate will be charged on outstanding invoices.

G – Disclaimer

32. The Parties agree that the capacity funding payments for the FLRs will be used only for the purposes described in this Agreement and will not be paid for the improper personal gain of any individual or for any other purpose that might violate any Canadian anti-corruption law.

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33. If applicable, the parties agree that the execution of this Agreement may be facilitated through facsimile or electronic means and/or this Agreement may be executed in several counterparts and any such facsimile or electronic copy and any such counterpart shall be deemed to be an original Agreement, and such facsimile or electronic copies or such counterparts together shall constitute one and the same Agreement and shall have the same force and effect as an executed original.

34. This agreement is legally binding on MCFN and the Proponent.

35. The term of this agreement is from April 1, 2020 to March 31, 2021. In the event that Project-related activities requiring FLR participation continue past this termination date, a new agreement will be executed between Parties.

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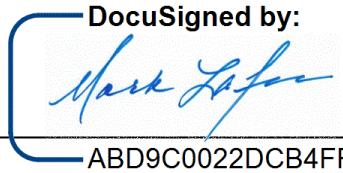
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Signed this _____ day of _____, 2021.



Authorized Signatory on behalf of
The Proponent

Italia Ponce, P.Eng.
Project Manager
Public Works
The Regional Municipality of Peel



Authorized Signatory on behalf of
Mississaugas of the Credit First Nation

Mark LaForme
Director
Dept. of Consultation and Accommodation
Mississaugas of the Credit First Nation

Witness

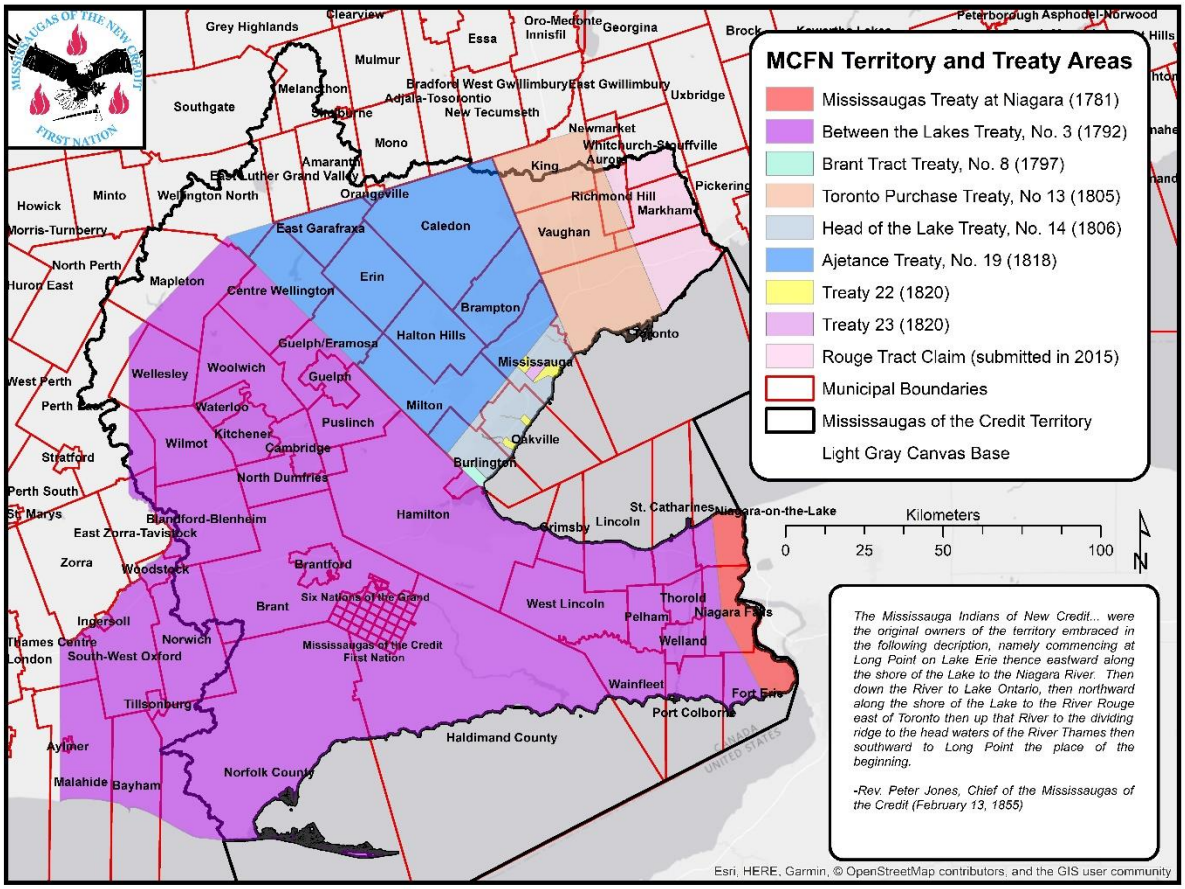
[printed name of witness]
[job title]
[department]
[name of the proponent]

Witness

Megan DeVries
Archaeological Operations Supervisor
Dept. of Consultation and Accommodation
Mississaugas of the Credit First Nation

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Schedule A



Municipalities within Mississaugas of the Credit Treaty Lands and Territory

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Schedule B

MISSISSAUGAS OF THE CREDIT FIRST NATION MILEAGE & ALLOWANCE CHART

EFFECTIVE APRIL 1, 2020 to MARCH 31, 2021

MILEAGE [redacted]

https://www.njc-cnm.gc.ca/directive/d10/v238/s658/en#s658-tc-tm

MEAL ALLOWANCE			**not eligible if:**
BREAKFAST	$	[redacted]	leave after 8am; get home before 7:30am
LUNCH	$		leave after 1:15pm; get home before 12:15pm
DINNER	$		leave after 7pm; get home before 6:30pm
INCIDENTALS	$		not staying overnight

https://www.njc-cnm.gc.ca/directive/d10/v238/s659/en#s659-tc-tm

NIGHTTIME*	$	[redacted]	*Applies only to nighttime surveys that would not otherwise trigger dinner or breakfast.

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Archaeological Assessment Review Agreement between: The Mississaugas of the Credit First Nation and The Regional Municipality of Peel

A - Background

1. The purpose of this agreement is to provide the Mississaugas of the Credit First Nation (hereinafter, "MCFN") with capacity assistance to review reports and other materials in connection with all archaeological assessments required for the Etobicoke Creek Trunk Sewer Improvements and Upgrade Schedule C Class Environmental Assessment (hereinafter, "the Project") located in the City of Mississauga and the City of Brampton, Ontario, within the jurisdiction of The Regional Municipality of Peel (hereinafter, "the Proponent").

2. The Proponent understands that MCFN wishes its designated representatives at the Department of Consultation and Accommodation (hereinafter, "DOCA") to provide timely and meaningful comment on the Project via its established review process.

3. The Proponent, or their consultant(s), will therefore provide all reports in draft form to MCFN (via DOCA) for review and comment prior to their submission to other approval or regulatory authorities. The Proponent and their consultant(s) agree to provide reasonable and adequate time for MCFN to complete its review and provide comments on draft reports. MCFN is unable to review of any material in less than one week.

4. For archaeological assessments, the Proponent agrees that their consultant(s) will provide, if applicable, both the Supplementary Documentation and the Project Communication Plan, which contains Indigenous Engagement protocol for the project alongside the draft archaeological report. The Indigenous Engagement protocol must contain the consultant's full account of MCFN's participation in and comments on the archaeological assessment.

5. For archaeological assessments, the Proponent agrees that no new fieldwork will commence until MCFN has completed its review and has provided comments on the previous Stage of assessment, provided that MCFN completes its review in a reasonable period of time.

6. MCFN agrees that MCFN representatives will have appropriate qualifications for the work required – for example, education in environmental and/or archaeological

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assessments – and experience in bridging Indigenous perspectives with Western approaches, as reasonably determined by MCFN.

B – Fees and Cost Structure

7. The Proponent will provide capacity funding for the designated DOCA staff representative in the amount of [redacted] per hour for all activities relating to review of Project materials.

8. If MCFN is of the view that designated DOCA staff are unable to complete a comprehensive technical review of Project materials, the Proponent agrees to pay costs incurred by MCFN to retain an external expert in the appropriate field to be chosen at MCFN's sole discretion. The Parties agree that a review by an external expert will commence following mutual acceptance by both Parties of an estimate of work provided by the expert.

C – Additional Conditions

9. Nothing in this Agreement shall be interpreted or implemented so as to derogate or abrogate from any MCFN Aboriginal or Treaty right or claim, or to indicate consent to the Project.

D - Method of Payment

10. The Parties agree that the Proponent will pay the capacity funding as agreed to above by cheque or bank transfer and upon receipt of an invoice from MCFN. All invoices will be addressed directly to the Proponent, the Project will be noted in the text of each invoice, and all invoices will be prepared as per MCFN-DOCA's standard invoicing format. Invoices should be submitted electronically to the following address:

Email address:	Italia.ponce@peelregion.ca
Attention:	Italia Ponce – Project Manager
Project:	Etobicoke Creek Trunk Sewer Improvements and Upgrades
	Region of Peel – Public Works
	905-791-7800 ext. 4583
	10 Peel Centre Dr. Brampton, ON L6T 4B9

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11. All payment should be made to the MCFN Department of Consultation and Accommodation to the following address. For additional information, please call the office at 905-768-4260.

    Email address: nicole.laforme-hess@mncfn.ca
    Attention: MCFN-DOCA
    4065 Highway 6
    Hagersville, Ontario
    N0A 1H0

12. After thirty [30] days, a 5% monthly compounded interest rate will be charged on outstanding invoices. After six [6] months of non-payment, a 20% monthly compounded interest rate will be charged on outstanding invoices.

F – Disclaimer

13. The Parties agree that the capacity funding payments for the archaeological assessment reviewers will be used only for the purposes described in this Agreement and will not be paid for the improper personal gain of any individual or for any other purpose that might violate any Canadian anti-corruption law.

14. If applicable, the parties agree that the execution of this Agreement may be facilitated through facsimile or electronic means and/or this Agreement may be executed in several counterparts and any such facsimile or electronic copy and any such counterpart shall be deemed to be an original Agreement, and such facsimile or electronic copies or such counterparts together shall constitute one and the same Agreement and shall have the same force and effect as an executed original.

15. This agreement is legally binding on MCFN and the Proponent.

16. The term of this agreement is from April 1, 2021 to March 31, 2022. In the event that Project-related activities requiring archaeological assessment reviewers continue past this termination date, a new agreement will be executed between Parties.

[The remainder of this page is intentionally left blank.]

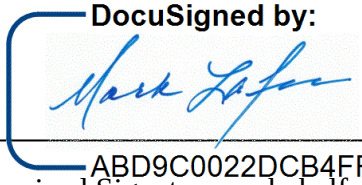
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Signed this _____ day of _____, 2021.



Authorized Signatory on behalf of
The Proponent

Italia Ponce, P. Eng.
Project Manager
Water & Wastewater Division
Public Works
Region of Peel

DocuSigned by:

ABD9C0022DCB4FF...

Authorized Signatory on behalf of
Mississaugas of the Credit First Nation

Mark LaForme
Director
Dept. of Consultation and Accommodation
Mississaugas of the Credit First Nation

_____

Witness

[printed name of witness]
[job title]
[department]
[name of the proponent]

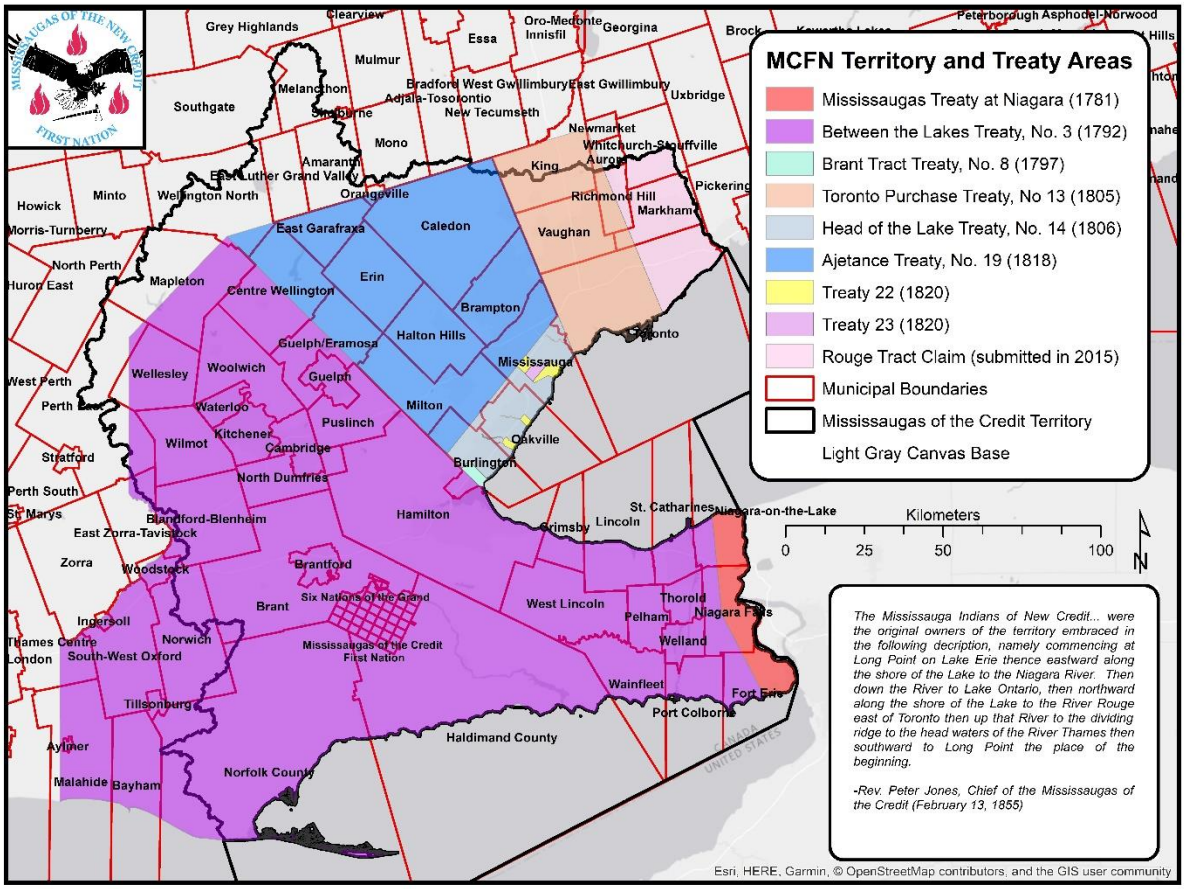
_____

Witness

Megan DeVries
Archaeological Operations Supervisor
Dept. of Consultation and Accommodation
Mississaugas of the Credit First Nation

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Schedule A



Municipalities within Mississaugas of the Credit Treaty Lands and Territory

Newton, Dorin/TOR

From: Adrian Blake <Adrian.Blake@mncfn.ca>
Sent: Thursday, April 22, 2021 11:53 AM
To: Ponce Vanelli, Italia
Cc: Newton, Dorin/TOR; Jones, Lee Anne/TOR
Subject: [EXTERNAL] RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

Good morning Italia,

Thank you for sending over this Stage 1 AA for the planned improvements to the Etobicoke Creek Trunk Sewer. At this time MCFN-DOCA has no additional comments for inclusion in the report. Please keep us informed of the planned time table for the Stage 2 AA that needs to take place, as recommended in this report.

Regards,
Adrian Blake, M.S.
Field Archaeologist

Department of Consultation and Accommodation (DOCA)
Mississaugas of the Credit First Nation (MCFN)
4065 Highway 6 North, Hagersville, ON N0A 1H0
M: 905-979-3862
http://www.mncfn.ca
This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of the Mississaugas of the Credit First Nation.

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, February 18, 2021 3:36 PM
To: Megan DeVries <Megan.DeVries@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Fawn Sault <Fawn.Sault@mncfn.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>
Subject: RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Megan,
Attached is the agreements for the Field Liaison and Archeological Review for your review and signature for the Etobicoke Creek Trunk Sewer Improvements and Upgrades Class Environmental Assessment project. Please return the signed agreement directly to me. Once signed by the Region, a copy will be sent back to you for your files.
Also below is the list of our completed studies which was requested in your original correspondence. A separate link to the reports will be sent by Dorin Newton from Jacobs. Note that the link expires after 7 days so please ensure you download the required reports before it expires.

List of completed studies:

- EA's Phase 1 Summary Report – Completed on April 16, 2020 by Jacobs

- Stage 1 Archaeological Assessment Report – Completed on September 21, 2020 by ASI. This report will be submitted by ASI to MHSTCI for their review and entry into the Register of Archaeological Reports once we confirm that all reviews are complete. This report was provided to you.
- Cultural Heritage Resource Assessment Report – Completed on September 16, 2020 by ASI
- Natural Sciences Report – Completed on October 30, 2020 by LGL
- Hydrogeology Desktop Review Technical Memo – Completed on September 18, 2020 by Jacobs
- Environmental Desktop Review Technical Memo – Completed on August 14, 2020 by Jacobs

The documentation that are upcoming are the EA's Phase 2 Summary Report (this will include the above listed individual studies) and the subsequent ESR. The ESR is anticipated to be completed in May/June 2021 and will include:

- Stage 2 Archaeological Assessment report with field work commencing in Spring 2021
- Natural Heritage Technical memo on the Preferred Alternative with no field work anticipated

This project also includes undertaking services to obtain additional information for detailed design (topographical surveys, SUE investigations and fieldwork for hydrogeological, geotechnical and environmental investigations) through Summer of 2021. The Region intends to procure firms in Spring 2021 to undertake this work.

Through the completion of the ESR, required measures will be identified to mitigate potential impacts on natural and/or cultural resources. You have also asked for the contact information for the archaeological scope. Below are our consultant's contact information as well as the contact of the subcontractor undertaking the archeological assessment ASI. If there are any questions, please feel free to contact me.

Lee Anne Jones, P. Eng. | Jacobs | Senior Project Manager|
416.499.0090 X 73616 | 416.561.1396 cell | LeeAnne.Jones@jacobs.com | www.jacobs.com

&

Eliza Brandy, MA
Associate Archaeologist | Project Manager • Environmental Assessment Division

ASI • Providing Archaeological & Cultural Heritage Services
EBrandy@asiheritage.ca • 416 966 1069 x 222 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

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From: Megan DeVries <Megan.DeVries@mncfn.ca>
Sent: December 14, 2020 2:47 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Fawn Sault <Fawn.Sault@mncfn.ca>
Subject: RE: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon,

Please find attached a letter from the Mississaugas of the Credit First Nation ("MCFN") regarding the upcoming assessment for Etobicoke Creek Trunk Sewer Improvements, as identified below.

Please note that this year, in order to continue maintaining DOCA capacity for fulsome project participation, DOCA will be introducing charges for technical review of project information. In the exercise of its stewardship responsibility, DOCA seeks to work together with project proponents and their archaeological consultants to ensure that archaeological work is done properly and respectfully. DOCA has retained technical advisers with expertise in the field of archaeology. These experts will review the technical aspects and cultural appropriateness of the archaeological assessments and strategies associated with your project. Upon completion of these reviews, MCFN will identify, if necessary, mitigation measures to address any project impacts upon MCFN rights. For cultural materials and human remains, DOCA may advise that this includes ceremonies required by Anishinaabe law, as well as request adjustments to the proposed fieldwork strategy.

The proponent is expected to pay the costs for MCFN to engage in a technical review of the project. DOCA anticipates at this time that all archaeological review will be undertaken by in-house technical experts, but will advise the proponent if an outside peer-review is required. Please find attached the agreement that covers MCFN's inhouse technical review of the archaeological assessments and strategies associated with your project(s). If you could please fill in the additional required information, highlighted in yellow, and return to us a signed copy, that would be greatly appreciated. After we have received it, we can execute the contract on our end and return the completed contract to you. Afterwards, I can arrange scheduling and other related matters directly with the consultant if you prefer.

Sincerely,
Megan.

Megan DeVries, M.A.
Archaeological Operations Supervisor

Department of Consultation and Accommodation (DOCA)
Mississaugas of the Credit First Nation (MCFN)
4065 Highway 6 North, Hagersville, ON N0A 1H0
P: 905-768-4260 | M: 289-527-2763
http://www.mncfn.ca

HOLIDAY ALERT: Please note that MCFN-DOCA will be closed from December 19th until January 3rd.

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From: Fawn Sault
Sent: Wednesday, December 9, 2020 12:56 PM
To: italia.ponce@peelregion.ca
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Megan DeVries <Megan.DeVries@mncfn.ca>; Darin Wybenga <Darin.Wybenga@mncfn.ca>
Subject: 2020-0737 MCFN Response Letter for EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades

Dear Italia,

Please see the attached letter regarding your project EA Study Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Miigwech,

Fawn Sault
Consultation Coordinator
Mississaugas of the Credit First Nation
4065 Hwy. 6, Hagersville, N0A 1H0
Website: http://mncfn.ca/
Ph: 905-768-4260
Cell:289-527-6580

Holiday alert: Please note that DOCA will be closed from December 18th to January 3rd

FIELD REPRESENTATIVE AGREEMENT

(the "**Agreement**")

THIS AGREEMENT is made as of the _24th____ day of _June_____, 2021___ (the "**Effective Date**").

BETWEEN:

HURON WENDAT NATION, as represented by its Chief and Council having the capacity of a Band pursuant to the *Indian Act (Canada)*,

("Huron Wendat Nation")

-and-

THE REGIONAL MUNICIPALITY OF PEEL

(the "Region" and together with Huron Wendat Nation, the "**Parties**" and each a "**Party**"**)**

WHEREAS:

A. The Region is the proponent undertaking Stage 2 archeological assessment as part of the Etobicoke Creek Trunk Sewer improvement and upgrades Class Environmental Assessment project (the "**Project**").

B. The Project will include **Stage 2 archaeological assessment fieldwork** (the "**Field Work**").

C. The Field Work is expected to commence on or about October 2021 for a duration of _2 days.

D. The Region of Peel has contracted ASI to carry out the Archeological Field Work as part of Stage 2 Archeological Assessment for the Project**.**

E. The Region acknowledges the importance of Huron-Wendat Nation participating in and being kept apprised of the **Archeological** aspects of the Project. To further this objective the Region wishes to provide Huron-Wendat Nation : **(i)** access to the Project site, and **(ii)** funding to assist Huron-Wendat Nation to hire **one persons** to participate in the Field Work (a "**FLR**"), all in accordance with the terms and conditions of this Agreement,

NOW THEREFORE, in consideration of the terms and conditions set out below, and the sum of one dollar ($1.00) paid by each Party to the other Party, and for other good and valuable consideration (the receipt and sufficiency of which is hereby acknowledged) the Parties agree as follows:

1 **FLR Position.** The parties understand and agree that Huron-Wendat Nation wishes to send a FLR to participate in and monitor the assessments associated with the Project, and agree that the Field Liaison Representative's duties will be: (a) to ensure that Huron-Wendat Nation 's perspectives and priorities are considered; (b) to enable Huron-Wendat Nation to provide timely and meaningful comment on the Project; and (c) also includes those duties set out in Schedule A to this Agreement (collectively, the "**FLR Duties**"). The Region agrees that Huron-Wendat Nation may hire a FLR to conduct the FLR Duties and the Region will reimburse the for the costs of the FLR (the "**FLR Funding**") pursuant to paragraph 6~~7~~ below.

2 **Additional FLRs.** Where the Parties agree that more than one FLR is needed to carry out the FLR Duties, the Region shall provide additional FLR Funding to Huron-Wendat Nation in accordance with this Agreement. The Parties agree that any FLR Funding for any additional FLR will depend on an assessment by the Parties (acting reasonably) of factors such as size of any field crews, schedule of proposed Field Work, and number of locations of proposed Field Work.

3 **FLR Participation at Project.** The Region shall allow a FLR to attend at the Project site to participate in the Field Work subject to the following terms and conditions, which terms and conditions (where applicable) shall form part of any employment contract between a FLR and Huron-Wendat Nation :

(a) a FLR shall attend at the Project site to observe and where instructed participate in the Field Work at such times as determined by the Region in its sole discretion, based on the **environmental assessment phases** of the Project;

(b) while at the Project site, a FLR shall follow the reasonable instructions of the Region and its agents;

(c) where instructed by the Region field staff or its agents, the FLR shall, in addition to FLR Duties, actively participate in Field Work;

(d) a FLR shall have appropriate qualifications to carry out the FLR Duties including adequate training in environmental and archaeological monitoring, and experience or ability to work with Indigenous communities to help bridge Indigenous perspectives with western science, as reasonably determined by Huron-Wendat Nation ;

(e) a FLR when participating in and/or observing the Field Work shall comply with all safety practices and site access constraints in place at the Project site;

(f) a FLR shall attend all safety meetings while at the Project site;

(g) a FLR shall participate in any site specific safety training and will be subject to the same provisions as "workers" under the *Occupational Health and Safety Act* (Ontario);

(h) a Field Liaison Representative's failure to comply with the health and safety requirements applicable to workers at the Project site may result in the expulsion of the FLR from the Project site;

(i) a FLR shall be responsible for their own personal protective equipment, such as hard hats, safety boots, and safety vests prescribed in the site specific health and safety plan and must use the equipment according to any site specific health and safety plan;

(j) a FLR shall where requested by the Region sign an acknowledgment that they are not an employee of the Region;

(k) a FLR shall contact a designated Region field representative twenty-four (24) hours before each visit to confirm attendance and details of the Project site access; and

(l) a FLR shall check in with the designated Region field contact on the day of the Project site visit prior to participating in and observing Field Work.

4 **FLR attendance at Project Site.** The Region will provide Huron-Wendat Nation with the names and contact information of the designated Region field contact. The Region shall make reasonable efforts to provide at least **five (5)** days' prior notice to Huron-Wendat Nation of a required deployment of a FLR to the Project site. The Region shall provide Huron Wendat as much advance notice as practicable of the anticipated attendance of the FLR at the Project site.

5 **Coordination of FLRs Attendance at Project site.** The Region shall coordinate the Field Liaison Representative's observation and participation in the any Field Work. Unless notified otherwise***, Blake Williams*** will act as the Region's contact person for the coordination of FLR attendance at the Project Site. Unless otherwise advised by the Region in writing the contact information for ***Blake Williams*** is as follows:

Name: Blake Williams- Project Manager
Telephone: 416-966-1069 x 258
E-mail: BWilliams@asiheritage.ca
Project: Etobicoke Creek Trunk Sewer Improvement and Upgrades
Company: ASI - 528 Bathurst St. Toronto, ON M5S 2P9

The Region shall coordinate site meeting locations and times through Huron-Wendat Nation 's duly appointed Archaeological Coordinator or, when necessary, directly with a FLRs. Unless otherwise advised by Huron-Wendat Nation in writing the contact information for the Archaeological Coordinator is as follows:

Name:
Telephone:
Email:

6 **FLR Funding.** During the Term the Region will provide FLR Funding to Huron Wendat Nation as follows:

(a) Hourly Rate: FLR pay in the amount of $60-75 per hour when attending at Project site and actual travel time to and from the Project site. This hourly rate will be doubled where such attendance occurs on a statutory holiday (this includes New Year's Day, Family Day, Good Friday, Victoria Day, Canada Day, Civic Holiday, Labour Day, Thanksgiving Day, Christmas Day, and Boxing Day) (where the Region cancels the attendance of the FLR on less than twelve (12) hours' notice, the Region will reimburse Huron Wendat Nation for four (4) hours of the FLR's time for that day);

(b) Maximum Funding Amount: the maximum funding amount for all work under this agreement will be five thousand dollars ($5,000.00) ("**Maximum Funding Amount"**). If the Huron-Wendat Nation is of the opinion that the Maximum Funding Amount is insufficient given the unique nature and complexity of the Project, the Huron-Wendat may provide a workplan and budget for the FLR Duties to the Region for the Region's approval. The Region is not obliged to fund any work beyond the Maximum Funding Amount unless pre-approved by the Region.

(c) Meal Allowance: FLR meal allowance;

(d) Mileage: FLR mileage to and from the Project. Determination of the point of departure for mileage shall be determined by the Region acting reasonably; and

(e) Tolls: 407ETR charges for travel to and from the Project site where travel on the 407ETR is approved in advance by the Region based on such travel being reasonably necessary for the FLR to attend at the Project site in a timely manner,

all subject to and in accordance with the Ontario Travel, Meal, and Hospitality Expenses Municipal Directive 2020, as may be further amended.

7 **Payment of FLR Funding.** The Parties agree that the Region will pay the FLR Funding to Huron-Wendat Nation by cheque or bank transfer within thirty (30) days of delivery by Huron-Wendat Nation to the Region of (a) an invoice explaining in reasonable detail a Field Liaison Representative's time, fees, reasonable mileage, meal allowance, and nature of work performed and (b) any comments on the reports on behalf of Huron-Wendat Nation .

8 **Time Sheets.** The Region will use a daily timesheet record signed by the FLR and the contact person or their designate at the conclusion of each workday to validate reimbursement. These signed records will be provided to Huron-Wendat Nation for their incorporation in invoices.

9 **Form of Invoice.** All invoices shall be in a form satisfactory to the Region. Invoices shall be addressed directly to the Region as set out herein. The Project should be noted in the text of each invoice. Invoices should be submitted electronically to the following address:

by email: italia.ponce@peelregion.ca

Attention: Italia Ponce – Project Manager

by mail: Italia Ponce – Project Manager
Italia.ponce@peelregion.ca
Etobicoke Creek Trunk Sewer Improvements and Upgrades
Region of Peel – Public Works
905-791-7800 ext. 4583
10 Peel Centre Dr. Brampton, ON L6T 4B9

Address:
Attention:

and in each case with a copy to:

[●- Huron Wendat representative]

10 **Huron-Wendat Nation Indemnification of the Region.** Huron-Wendat Nation agrees that it shall indemnify the Region and its directors, officers, employees, agents, contractors, subsidiaries and affiliates (collectively the "Indemnitees" and each an "**Indemnitee**") from and against any and all claims, actions, liabilities, damages, losses, costs and expenses (including reasonable legal fees) (collectively, the "**Losses**") arising out of:

(a) any FLR participating in the Field Work;

(b) any claims by any FLR that the FLR was or is an employee of the Region; and

(c) any and all claims or demands under the *Income Tax Act* of Canada, the *Income Tax Act* of the Province of Ontario, the *Canada Pension Plan*, the *Employment Insurance Act* of Canada, including any regulations made under the *Employment Insurance Act*, and any other statute or regulations for or in respect of any claim or demands under which the Region is found liable for failing to withhold income tax, Canada Pension Plan premiums, employment insurance premiums or any other tax premium, payment of levy from all or any part of any amounts paid to the Field Liaison Representative.

11 **Insurance**. Huron-Wendat Nation agrees to pays Workplace Safety and Insurance Board ("**WSIB**") contributions in respect of the FLRs and will, at its own expense, maintain for the term of this agreement a comprehensive general liability ("**CGL**") policy or policies with a limit of at least $1 million and shall provide the Region with evidence of such insurance, upon request.

12 **Representations and Warranties of the Region.** The Region acknowledges that Huron-Wendat Nation is relying upon the representations and warranties set out in this Agreement and in connection with its entering into this Agreement, the Region represents and warrants as follows:

(a) The Region has all requisite power and authority to execute and deliver this Agreement and has all necessary power and authority to perform the obligations of the Region as set out herein.

(b) The entering into this Agreement will not result in the violation of any of the terms and provisions of any agreement, written or oral, to which the Region may be a party.

(c) The execution and delivery of this Agreement has been duly authorized by all necessary actions on the part of the Region and this Agreement when duly executed and delivered by the Region will constitute a legal and binding obligation of the Region enforceable in accordance with its terms.

13 **Representations and Warranties of Huron-Wendat Nation .** Huron-Wendat Nation acknowledges that the Region is relying upon the representations and warranties set out in this Agreement and in connection with its entering into this Agreement Huron-Wendat Nation represents and warrants as follows:

(a) Huron-Wendat Nation is responsible for the retention of the services of any FLR and the Parties agree and confirm that any FLR is not and shall not be an employee of the Region (or the Region's contractor or its sub-contractors).

(b) Huron-Wendat Nation shall at all times during the Term maintain in place insurance in a form and amount satisfactory to the Region acting reasonably and WSIB coverage with respect to any Field Liaison Representative.

(c) The execution and delivery of this Agreement has been duly authorized by all necessary actions on the part of Huron-Wendat Nation and this Agreement when duly executed and delivered by Huron-Wendat Nation will constitute a legal and binding obligation of Huron-Wendat Nation enforceable in accordance with its terms.

(d) Huron-Wendat Nation has all requisite power and authority to execute and deliver this Agreement and has all necessary power and authority to perform the obligations as set out herein.

(e) The entering into this Agreement will not result in the violation of any of the terms and provisions of any agreement, written or oral, to which Huron-Wendat Nation may be a party.

(f) Huron-Wendat Nation shall at all times during the Term maintain in place the insurance required under this Agreement.

14 **Term.** This Agreement shall commence on the Effective Date and continue until the earlier of (a) thirty (30) days after the provision by the Region to Huron-Wendat Nation of a notice of termination; and (b) notification from the Region to Huron-Wendat Nation that the Field Work has concluded, (the "**Term**").

15 **Notices.** Any notice, demand or other communication (in this Article, a "**Notice**") required or permitted to be given or made under this Agreement must be in writing and is sufficiently given or made if:

(a) delivered in person or by prepaid courier service and left with a receptionist or other responsible employee of the relevant Party at the applicable address set forth below;

(b) sent by mail (except in the case of actual or apprehended disruption of postal service); or

(c) sent by facsimile, email or other form of electronic communication. In the case of a notice to:

i. the Region, addressed to it as follows:

Attention: Italia Ponce – Project Manager
Facsimile No.:
Telephone No.: 905-791-7800 ext. 4583
Email: italia.ponce@peelregio.ca

ii. Huron-Wendat Nation , addressed to it as follows:

Attention:
Facsimile No.:
Telephone No.:
Email:
addressed to it as follows:

(d) Any Notice sent in accordance with this Article shall be deemed to have been received:

i. if delivered in person or by prepaid courier service during normal business hours (9:00am - 4:30pm) on the date of delivery;

ii. if sent by mail, on the fifth (5th) business day after mailing, or, in the case of disruption of postal service, on the fifth (5^{th}) such business day after cessation of that disruption; or

iii. if sent by facsimile, email or other form of electronic communication, during normal business hours (9:00am - 4:30pm) on confirmation of transmission,

except that any Notice delivered in person, by prepaid courier service or sent by facsimile, or email or other form of electronic communication not on a business day or after normal business hours (9:00am - 4:30pm) on a business day, in each case in the place where the Notice is received, shall be deemed to have been received on the next succeeding business day in the place where the notice is received. Any Party may change its address for Notice by giving Notice to the other Party.

16 **Entire Agreement.** This Agreement constitutes the entire agreement between the Parties pertaining to the subject matter of this Agreement and supersedes all prior correspondence, agreements, negotiations, discussions and understandings, written or oral between the Parties. Except as specifically set out in this Agreement, there are no representations, warranties, conditions or other agreements or acknowledgements, whether direct or collateral, express or implied, written or oral, statutory or otherwise, that form part of or affect this Agreement or which induced any Party to enter into this Agreement.

17 **Enurement and Assignment.** This Agreement shall enure to the benefit of, and be binding upon, the respective successors and assigns of each of the Parties.

18 **Waiver.** Any waiver of, or consent to depart from, the requirements of any provision of this Agreement shall be effective only if it is in writing and signed by the Party giving it, and only in the specific instance and for the specific purpose for which it has been given. No failure on the part of any Party to exercise, and no delay in exercising, any right under this Agreement shall operate as a waiver of that or any future right. No single or partial exercise of any such right shall preclude any other or further exercise of that right or the exercise of any other right.

19 **Further Assurances.** Each of the Parties to this Agreement hereby agree that it will promptly do, make, execute or deliver, or cause to be done, made, executed or delivered, all such further acts, documents and things as another Party may reasonably require from time to time for the purpose of giving effect to the provisions of this Agreement and each of the Parties to this Agreement agrees that it will use reasonable efforts and take all such steps as may be reasonably within its power to implement to their full extent the provisions of this Agreement.

20 **No Partnership.** Nothing in this Agreement shall be construed as creating a partnership, joint venture, association or trust, fiduciary or similar relationship. It is further understood and agreed that no Party is liable for the acts, covenants and agreements of any other Party, except as may be expressly provided in this Agreement.

21 **Modification.** No modification, amendment, supplement to or waiver of this Agreement or any schedule hereunder, or any of their provisions shall be binding upon the Parties hereto unless made in writing and duly signed by both Parties.

22 **Governing Law.** This Agreement shall be governed by, and interpreted and enforced in accordance with, the laws of the Province of Ontario and the federal laws of Canada applicable therein and the Parties hereby irrevocably submit to the exclusive jurisdiction of the courts of the Province of Ontario in connection with this Agreement.

23 **Counterparts and Transmission.** This Agreement may be executed in several counterparts, each of which when so executed shall be deemed to be an original and all counterparts together shall constitute one and the same instrument. A signed counterpart provided by way of facsimile or other form of electronic transmission shall be as binding upon the parties as an originally signed counterpart.

Signatures on next page.

IN WITNESS WHEREOF the Parties have duly executed this Agreement as of the Effective Date.

Huron-Wendat Nation,
Per:

Name:
Title:
I have authority to bind the First Nation.

REGIONAL MUNICIPALITY OF PEEL,
Per:

Name: Italia Ponce, P.Eng
Title: Project Manager

SCHEDULE A.

FLR DUTIES

A FLR will undertake amongst other things the following activities:

(a) attend at Project site when requested by the Region in accordance with this Agreement to observe, and where instructed, participate in the Field Work;

(b) review reports and supplementary materials related to the Field Work and provide any comments about potential impacts on Huron-Wendat Nation ’s rights and interests;

(c) provide regular feedback to Huron-Wendat Nation Chief and Council about the Field Work;

(d) on a monthly basis following consultation with Huron-Wendat Nation Chief and Council provide the Region written feedback from Huron-Wendat Nation which will include Huron-Wendat Nation comments and identification of interests and concerns about the Field Work; and

(e) such other activities as may be reasonably required by the Region from time to time where such activities are consistent with the activities set out under **(a) - (d)** above.

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Wednesday, September 22, 2021 1:40 PM
To: Marie-Sophie Gendron
Cc: Isabelle Lechasseur; Jean-Francois Richard; Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades
Attachments: Field Liaison Representative Agreement September 21_21_HuronWendat.docx

Hello Marie Sophie
My Apologies for the late reply, I took some time off and now just getting back into the swing of things. The mileage and meal allocation are set under the Ontario Travel, Meal, and Hospitality Expenses Municipal Directive 2020 and under the agreement under section 6. I also wanted to mentioned that the when speaking with my consultant they mentioned that the work will take about two days so I wanted to update you on that as in the previous agreement it states only one day. I have attached the revised agreement for review.

If the rates below are not the same as the Ontario Travel, Meal, and Hospitality Expenses Municipal Directive 2020, then please let me know. In any case, all receipts will have to be submitted as part of the invoices.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
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From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: September 1, 2021 3:58 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Italia,

We are still interested in attenting the stage 2 archaeological assessment. I was just looking at the agreement and I have some questions about it. Usually, as our monitor as to travel from Wendake to the site, we ask for a travel fee of [redacted] per kilometer. As I understand, the fieldwork will last a day. Our normal quote for a fieldwork like that would look like this :

- [redacted]

As I was looking at the agreement, there was no amount dedicated to the meal allocation, accommodation and mileage. Does our normal rates would be approved?

Many thanks,
Marie-Sophie

De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mercredi 1 septembre 2021 15:19
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Sophie

I received the email below from Valerie regarding the contact change with respect to this project. A while back I had contacted Maxime Picard and Valerie about our Stage 2 Archeological Assessment. Maxime reviewed the Stage 1 archeological report and expressed interest in attending field investigation for Stage 2 archeological assessment. I had provided Maxime/Valerie with our Field Liaison Agreement for review and signature in order to attend the site. See attached. Please let me know if there is still interest in attending the field investigation. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
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From: Valerie Janssen <Valerie.Janssen@wendake.ca>
Sent: September 1, 2021 3:05 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Good afternoon Italia,

I hope you are doing well.

Following a structural change and the arrival of a new resource, I am announcing that my colleague Marie-Sophie Gendron will take care of archaeological files in Ontario for the Council of the Huron-Wendat Nation. Future correspondence can therefore be addressed to:
Marie-Sophie.Gendron@wendake.ca
isabelle.lechasseur@wendake.ca
jean-francois.richard@wendake.ca

Kind regards,

Valérie

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Marie-Sophie Gendron (Marie-Sophie.Gendron@wendake.ca), Isabelle Lechasseur (isabelle.lechasseur@wendake.ca) and Jean-François Richard (jean-francois.richard@wendake.ca).

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Valérie Janssen, M. Sc.
Analyste archéologue
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2120
Courriel : valerie.janssen@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 1 septembre 2021 13:55
À : Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc : Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Valerie

I am following up on this email as we have not received any response from you. Maxime had expressed interest in attending the Stage 2 Archeological Assessment for the above mentioned project. Unfortunately our schedule has been delayed due to some permitting issues however if you are still interested in attending the site visit, I have attached our Field Liaison Agreement for you to review and sign. Please let me know if there is still interest in attending the site visit. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.
I look forward to hearing from you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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the email. Thank you.

From: Ponce Vanelli, Italia
Sent: July 6, 2021 9:47 AM
To: Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Valerie
I am just following up on the agreement I sent June 24 to Maxime. We are planning to go out on site to do the archeological Stage 2 field investigation the week of July 19 and I know Maxime had expressed interest in attending the field investigation. We will need the agreement signed before in order for you to join us. Please let me know at you earliest convenience when we can expect the signed agreement or if you are still interested in joining us during the field investigation.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
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From: Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Sent: June 30, 2021 10:04 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Valerie Janssen <Valerie.Janssen@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>
Subject: TR: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good morning Italia,

Thank you for your email. My colleague Valérie (cc'd) will follow up with you to coordinate our participation in this fieldwork.

Best regards,

Lori-Jeanne

ATTENTION: Please note that Maxime Picard has a new position at the Huron-Wendat Nation Council and is no longer in charge of Ontario consultations. Any new consultation from Ontario must be sent to Mario Gros-Louis (mario.groslouis@wendake.ca) and Lori-Jeanne Bolduc (lori-jeanne.bolduc@wendake.ca).

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Valérie Janssen, archaeologist (valerie.janssen@wendake.ca), Jean-François Richard (jean-francois.richard@wendake.ca) and Isabelle Lechasseur (isabelle.lechasseur@wendake.ca).

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Lori-Jeanne Bolduc, M. ATDR
Conseillère en aménagement du territoire
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2211
Courriel : lori-jeanne.bolduc@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 24 juin 2021 11:00
À : Maxime Picard <Maxime.Picard@wendake.ca>
Cc : Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Maxime

We are planning to carry the Stage 2 Fieldwork for the Etobicoke creek Trunk Sewer Improvement and Upgrades EA in the next month or so and we wanted to reach out as you had expressed interest in attending the stage 2 field work.
As I mentioned before, there is a bit of paper work that may need to be completed in order to attend the field work. Please review the attached agreement and return it signed so that we can get this work started and I can advise my consultant to provide with the tentative date for the field work.
I have also attached the temporary electronic approval template which replaces the e-signature on the document if required. once completed with the name of the representative from Huron-Wendat Nation who is meant to sign the agreement, please send it back along with the agreement.
If you have any questions, or required additional clarification, please let me know.
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel

10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: November 17, 2020 9:18 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Subject: Re: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Well received and thanks Italia.

Please note that the Huron-Wendat Nation would appreciate to have the opportunity to participate in the upcoming Stage 2 fieldwork.

Best regards,

Maxime Picard

De: "Ponce Vanelli, Italia" <italia.ponce@peelregion.ca>
À: "Maxime Picard" <maxime.picard@cnhw.qc.ca>
Cc: "Dorin Newton, TOR" <Dorin.Newton@jacobs.com>
Envoyé: Lundi 16 Novembre 2020 14:05:46
Objet: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Maxime
I am the project manager for this environmental assessment: Etobicoke Creek Trunk Sewer improvements and Upgrades who was previously managed by Laura Borowiec. Back in Janaury she emailed you about the Stage 1 Archeological assessment which at the time wasn't completed. We have completed the Stage 1 Archeological for this project for your review. We expect to complete a stage 2 archeological studies in the new year, weather permitting in some of the areas indicated in the report. IF you have any questions, feedback and comments on the report, please do not hesitate to contact me.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Borowiec, Laura
Sent: January 20, 2020 1:57 PM
To: Maxime Picard <maxime.picard@cnhw.qc.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681



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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer Improvements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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huronne-wendat

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Nionwentsïo

Huron-Wendat Nation estimated fees for Etobicoke Creek Trunk Sewer Improvements and Upgrades Stage 2 Archaeological Assessment

Estimate based on 2 days of fieldwork and for one monitor on site:

[redacted]

*Please note that this is an estimate and that those fees may change accorded to the actual fieldwork days

*Please note that we ask a delay of 24h to cancel any fieldwork days. The monitor should be contacted directly as the Nation. If the delay is not respected, a travelling day as well as a day of fieldwork will be charge.

255, Place Chef Michel-Laveau, Wendake (Québec) G0A 4V0 Canada
Téléphone : (418) 843-3767 Télécopieur : (418) 842-1108
Sans frais : 1-877-712-3767

Newton, Dorin/TOR

From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: Monday, September 27, 2021 1:51 PM
To: Ponce Vanelli, Italia
Cc: Isabelle Lechasseur; Jean-Francois Richard; Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades
Attachments: Etobicoke Creek Trunk Sewer- Stage 2.pdf

Hi Italia,

Thank you for following up. Our rates are not the same as Ontario Travel, Meal and Hospitality Expenses Municipal Directive 2020. I attached a quote with the prices according to the Ontario rates. Please let me know if it is approved by the region. I will send you the sign contract as soon as I have your answer. Is the fieldwork schedule? As always, if we are not able to provide a monitor to be on site, we would appreciate to receive a draft copie of the archaeological assessment report.

Regards,
Marie-Sophie

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Marie-Sophie Gendron, B.A.
Analyste archéologue
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767
Courriel : marie-sophie.gendron@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mercredi 22 septembre 2021 13:40
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Marie Sophie
My Apologies for the late reply, I took some time off and now just getting back into the swing of things. The mileage and meal allocation are set under the Ontario Travel, Meal, and Hospitality Expenses Municipal Directive 2020 and under the agreement under section 6. I also wanted to mentioned that the when speaking with my consultant they mentioned that

the work will take about two days so I wanted to update you on that as in the previous agreement it states only one day. I have attached the revised agreement for review.

If the rates below are not the same as the Ontario Travel, Meal, and Hospitality Expenses Municipal Directive 2020, then please let me know. In any case, all receipts will have to be submitted as part of the invoices.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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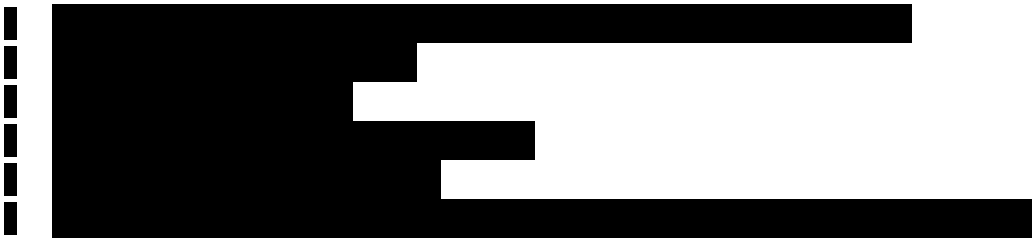
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From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: September 1, 2021 3:58 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Good afternoon Italia,

We are still interested in attenting the stage 2 archaeological assessment. I was just looking at the agreement and I have some questions about it. Usually, as our monitor as to travel from Wendake to the site, we ask for a travel fee of [redacted] per kilometer. As I understand, the fieldwork will last a day. Our normal quote for a fieldwork like that would look like this :



As I was looking at the agreement, there was no amount dedicated to the meal allocation, accommodation and mileage. Does our normal rates would be approved?

Many thanks,
Marie-Sophie

De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mercredi 1 septembre 2021 15:19
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : FW: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Hi Sophie

I received the email below from Valerie regarding the contact change with respect to this project. A while back I had contacted Maxime Picard and Valerie about our Stage 2 Archeological Assessment. Maxime reviewed the Stage 1 archeological report and expressed interest in attending field investigation for Stage 2 archeological assessment. I had provided Maxime/Valerie with our Field Liaison Agreement for review and signature in order to attend the site. See attached. Please let me know if there is still interest in attending the field investigation. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
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Office: 905-791-7800 ext.4583
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From: Valerie Janssen <Valerie.Janssen@wendake.ca>
Sent: September 1, 2021 3:05 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Good afternoon Italia,

I hope you are doing well.

Following a structural change and the arrival of a new resource, I am announcing that my colleague Marie-Sophie Gendron will take care of archaeological files in Ontario for the Council of the Huron-Wendat Nation. Future correspondence can therefore be addressed to:
Marie-Sophie.Gendron@wendake.ca
isabelle.lechasseur@wendake.ca

jean-francois.richard@wendake.ca

Kind regards,

Valérie

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Marie-Sophie Gendron (Marie-Sophie.Gendron@wendake.ca), Isabelle Lechasseur (isabelle.lechasseur@wendake.ca) and Jean-François Richard (jean-francois.richard@wendake.ca).

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Valérie Janssen, M. Sc.
Analyste archéologue
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2120
Courriel : valerie.janssen@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 1 septembre 2021 13:55
À : Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc : Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Valerie

I am following up on this email as we have not received any response from you. Maxime had expressed interest in attending the Stage 2 Archeological Assessment for the above mentioned project. Unfortunately our schedule has been delayed due to some permitting issues however if you are still interested in attending the site visit, I have attached our Field Liaison Agreement for you to review and sign. Please let me know if there is still interest in attending the site visit. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.
I look forward to hearing from you.

Thanks,

Italia Ponce, P.Eng.
Project Manager

Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Ponce Vanelli, Italia
Sent: July 6, 2021 9:47 AM
To: Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Hi Valerie
I am just following up on the agreement I sent June 24 to Maxime. We are planning to go out on site to do the archeological Stage 2 field investigation the week of July 19 and I know Maxime had expressed interest in attending the field investigation. We will need the agreement signed before in order for you to join us. Please let me know at you earliest convenience when we can expect the signed agreement or if you are still interested in joining us during the field investigation.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
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From: Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Sent: June 30, 2021 10:04 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Valerie Janssen <Valerie.Janssen@wendake.ca>; Isabelle

Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>
Subject: TR: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good morning Italia,

Thank you for your email. My colleague Valérie (cc'd) will follow up with you to coordinate our participation in this fieldwork.

Best regards,

Lori-Jeanne

ATTENTION: Please note that Maxime Picard has a new position at the Huron-Wendat Nation Council and is no longer in charge of Ontario consultations. Any new consultation from Ontario must be sent to Mario Gros-Louis (mario.groslouis@wendake.ca) and Lori-Jeanne Bolduc (lori-jeanne.bolduc@wendake.ca).

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Valérie Janssen, archaeologist (valerie.janssen@wendake.ca), Jean-François Richard (jean-francois.richard@wendake.ca) and Isabelle Lechasseur (isabelle.lechasseur@wendake.ca).

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Lori-Jeanne Bolduc, M. ATDR
Conseillère en aménagement du territoire
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2211
Courriel : lori-jeanne.bolduc@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 24 juin 2021 11:00
À : Maxime Picard <Maxime.Picard@wendake.ca>
Cc : Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Maxime

We are planning to carry the Stage 2 Fieldwork for the Etobicoke creek Trunk Sewer Improvement and Upgrades EA in the next month or so and we wanted to reach out as you had expressed interest in attending the stage 2 field work.

As I mentioned before, there is a bit of paper work that may need to be completed in order to attend the field work. Please review the attached agreement and return it signed so that we can get this work started and I can advise my consultant to provide with the tentative date for the field work.
I have also attached the temporary electronic approval template which replaces the e-signature on the document if required. once completed with the name of the representative from Huron-Wendat Nation who is meant to sign the agreement, please send it back along with the agreement.
If you have any questions, or required additional clarification, please let me know.
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: November 17, 2020 9:18 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Subject: Re: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Well received and thanks Italia.

Please note that the Huron-Wendat Nation would appreciate to have the opportunity to participate in the upcoming Stage 2 fieldwork.

Best regards,

Maxime Picard

De: "Ponce Vanelli, Italia" <italia.ponce@peelregion.ca>
À: "Maxime Picard" <maxime.picard@cnhw.qc.ca>
Cc: "Dorin Newton, TOR" <Dorin.Newton@jacobs.com>
Envoyé: Lundi 16 Novembre 2020 14:05:46
Objet: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Maxime
I am the project manager for this environmental assessment: Etobicoke Creek Trunk Sewer improvements and Upgrades who was previously managed by Laura Borowiec. Back in Janaury she emailed you about the Stage 1 Archeological assessment which at the time wasn't completed. We have completed the Stage 1 Archeological for this project for your review. We expect to complete a stage 2 archeological studies in the new year, weather permitting in some of the areas indicated in the report. IF you have any questions, feedback and comments on the report, please do not hesitate to contact me.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Borowiec, Laura
Sent: January 20, 2020 1:57 PM
To: Maxime Picard <maxime.picard@cnhw.qc.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681

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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer Improvements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Tuesday, October 19, 2021 3:20 PM
To: Marie-Sophie Gendron
Cc: Isabelle Lechasseur; Jean-Francois Richard; Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Marie-Sophie

My apologies for the delayed response. I wanted to double check our budget and get some direction with respect to how to proceed. I was asked a couple of questions with respect to the quote:

- Do you have a representative that is located closer to our project site?
- Can the travel rate be reduced?

With respect to the archeo work schedule, we are still waiting for permits from the local municipalities but we are hoping we get these permits completed before the 1st week of December as temperatures and conditions are not the best after that.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: September 27, 2021 1:51 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Hi Italia,

Thank you for following up. Our rates are not the same as Ontario Travel, Meal and Hospitality Expenses Municipal Directive 2020. I attached a quote with the prices according to the Ontario rates. Please let me know if it is approved by the region. I will send you the sign contract as soon as I have your answer. Is the fieldwork schedule? As always, if we are not able to provide a monitor to be on site, we would appreciate to receive a draft copie of the archaeological assessment report.

Regards,
Marie-Sophie

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Marie-Sophie Gendron, B.A.
Analyste archéologue
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767
Courriel : marie-sophie.gendron@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mercredi 22 septembre 2021 13:40
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Hello Marie Sophie
My Apologies for the late reply, I took some time off and now just getting back into the swing of things. The mileage and meal allocation are set under the Ontario Travel, Meal, and Hospitality Expenses Municipal Directive 2020 and under the agreement under section 6. I also wanted to mentioned that the when speaking with my consultant they mentioned that the work will take about two days so I wanted to update you on that as in the previous agreement it states only one day. I have attached the revised agreement for review.

If the rates below are not the same as the Ontario Travel, Meal, and Hospitality Expenses Municipal Directive 2020, then please let me know. In any case, all receipts will have to be submitted as part of the invoices.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor

Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: September 1, 2021 3:58 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Italia,

We are still interested in attenting the stage 2 archaeological assessment. I was just looking at the agreement and I have some questions about it. Usually, as our monitor as to travel from Wendake to the site, we ask for a travel fee of [redacted] per kilometer. As I understand, the fieldwork will last a day. Our normal quote for a fieldwork like that would look like this :

- [redacted]

As I was looking at the agreement, there was no amount dedicated to the meal allocation, accommodation and mileage. Does our normal rates would be approved?

Many thanks,
Marie-Sophie

De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mercredi 1 septembre 2021 15:19
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Sophie

I received the email below from Valerie regarding the contact change with respect to this project. A while back I had contacted Maxime Picard and Valerie about our Stage 2 Archeological Assessment. Maxime reviewed the Stage 1 archeological report and expressed interest in attending field investigation for Stage 2 archeological assessment. I had provided Maxime/Valerie with our Field Liaison Agreement for review and signature in order to attend the site. See attached. Please let me know if there is still interest in attending the field investigation. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Valerie Janssen <Valerie.Janssen@wendake.ca>
Sent: September 1, 2021 3:05 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Good afternoon Italia,

I hope you are doing well.

Following a structural change and the arrival of a new resource, I am announcing that my colleague Marie-Sophie Gendron will take care of archaeological files in Ontario for the Council of the Huron-Wendat Nation. Future correspondence can therefore be addressed to:
Marie-Sophie.Gendron@wendake.ca
isabelle.lechasseur@wendake.ca
jean-francois.richard@wendake.ca

Kind regards,

Valérie

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Marie-Sophie Gendron (Marie-Sophie.Gendron@wendake.ca), Isabelle Lechasseur (isabelle.lechasseur@wendake.ca) and Jean-François Richard (jean-francois.richard@wendake.ca).

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Valérie Janssen, M. Sc.
Analyste archéologue
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2120
Courriel : valerie.janssen@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 1 septembre 2021 13:55
À : Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc : Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Valerie

I am following up on this email as we have not received any response from you. Maxime had expressed interest in attending the Stage 2 Archeological Assessment for the above mentioned project. Unfortunately our schedule has been delayed due to some permitting issues however if you are still interested in attending the site visit, I have attached our Field Liaison Agreement for you to review and sign. Please let me know if there is still interest in attending the site visit. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.
I look forward to hearing from you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Ponce Vanelli, Italia
Sent: July 6, 2021 9:47 AM
To: Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Hi Valerie
I am just following up on the agreement I sent June 24 to Maxime. We are planning to go out on site to do the archeological Stage 2 field investigation the week of July 19 and I know Maxime had expressed interest in attending the field investigation. We will need the agreement signed before in order for you to join us. Please let me know at you earliest convenience when we can expect the signed agreement or if you are still interested in joining us during the field investigation.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Sent: June 30, 2021 10:04 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Valerie Janssen <Valerie.Janssen@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>
Subject: TR: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Good morning Italia,

Thank you for your email. My colleague Valérie (cc'd) will follow up with you to coordinate our participation in this fieldwork.

Best regards,

Lori-Jeanne

ATTENTION: Please note that Maxime Picard has a new position at the Huron-Wendat Nation Council and is no longer in charge of Ontario consultations. Any new consultation from Ontario must be sent to Mario Gros-Louis (mario.groslouis@wendake.ca) and Lori-Jeanne Bolduc (lori-jeanne.bolduc@wendake.ca).

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Valérie Janssen, archaeologist (valerie.janssen@wendake.ca), Jean-François Richard (jean-francois.richard@wendake.ca) and Isabelle Lechasseur (isabelle.lechasseur@wendake.ca).

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Bureau du Nionwentsïo

Lori-Jeanne Bolduc, M. ATDR
Conseillère en aménagement du territoire
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2211
Courriel : lori-jeanne.bolduc@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 24 juin 2021 11:00
À : Maxime Picard <Maxime.Picard@wendake.ca>
Cc : Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Maxime

We are planning to carry the Stage 2 Fieldwork for the Etobicoke creek Trunk Sewer Improvement and Upgrades EA in the next month or so and we wanted to reach out as you had expressed interest in attending the stage 2 field work.
As I mentioned before, there is a bit of paper work that may need to be completed in order to attend the field work. Please review the attached agreement and return it signed so that we can get this work started and I can advise my consultant to provide with the tentative date for the field work.
I have also attached the temporary electronic approval template which replaces the e-signature on the document if required. once completed with the name of the representative from Huron-Wendat Nation who is meant to sign the agreement, please send it back along with the agreement.
If you have any questions, or required additional clarification, please let me know.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: November 17, 2020 9:18 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Subject: Re: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Well received and thanks Italia.

Please note that the Huron-Wendat Nation would appreciate to have the opportunity to participate in the upcoming Stage 2 fieldwork.

Best regards,

Maxime Picard

De: "Ponce Vanelli, Italia" <italia.ponce@peelregion.ca>
À: "Maxime Picard" <maxime.picard@cnhw.qc.ca>
Cc: "Dorin Newton, TOR" <Dorin.Newton@jacobs.com>
Envoyé: Lundi 16 Novembre 2020 14:05:46
Objet: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Hello Maxime
I am the project manager for this environmental assessment: Etobicoke Creek Trunk Sewer improvements and Upgrades who was previously managed by Laura Borowiec. Back in Janaury she emailed you about the Stage 1 Archeological assessment which at the time wasn't completed. We have completed the Stage 1 Archeological for this project for your

review. We expect to complete a stage 2 archeological studies in the new year, weather permitting in some of the areas indicated in the report. IF you have any questions, feedback and comments on the report, please do not hesitate to contact me.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
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From: Borowiec, Laura
Sent: January 20, 2020 1:57 PM
To: Maxime Picard <maxime.picard@cnhw.qc.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer Improvements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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Newton, Dorin/TOR

From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: Friday, October 22, 2021 12:01 PM
To: Ponce Vanelli, Italia
Cc: Isabelle Lechasseur; Jean-Francois Richard; Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Good morning Italia,

Unfortunately we do not have a monitor who is living closer. Also, it is important for our monitor that mileage is paid to a decent amount. As you noticed, they have to travel a lot. Theses fees allows our monitor to pay for his gas and the maintenance of his own vehicle. On another note, we ask our monitor to send their mileage for each trip. This is an estimation of the mileage traveled. The invoice will be adjusted with the real mileage.

Thank you for the details about the fieldwork, I await for your update closer to the first week of December.

Best,
Marie-Sophie

De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mardi 19 octobre 2021 15:20
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Marie-Sophie

My apologies for the delayed response. I wanted to double check our budget and get some direction with respect to how to proceed. I was asked a couple of questions with respect to the quote:

- Do you have a representative that is located closer to our project site?
- Can the travel rate be reduced?

With respect to the archeo work schedule, we are still waiting for permits from the local municipalities but we are hoping we get these permits completed before the 1st week of December as temperatures and conditions are not the best after that.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
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From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: September 27, 2021 1:51 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Hi Italia,

Thank you for following up. Our rates are not the same as Ontario Travel, Meal and Hospitality Expenses Municipal Directive 2020. I attached a quote with the prices according to the Ontario rates. Please let me know if it is approved by the region. I will send you the sign contract as soon as I have your answer. Is the fieldwork schedule? As always, if we are not able to provide a monitor to be on site, we would appreciate to receive a draft copie of the archaeological assessment report.

Regards,
Marie-Sophie

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Marie-Sophie Gendron, B.A.
Analyste archéologue
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767
Courriel : marie-sophie.gendron@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mercredi 22 septembre 2021 13:40
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Marie Sophie
My Apologies for the late reply, I took some time off and now just getting back into the swing of things. The mileage and meal allocation are set under the Ontario Travel, Meal, and Hospitality Expenses Municipal Directive 2020 and under the agreement under section 6. I also wanted to mentioned that the when speaking with my consultant they mentioned that the work will take about two days so I wanted to update you on that as in the previous agreement it states only one day. I have attached the revised agreement for review.

If the rates below are not the same as the Ontario Travel, Meal, and Hospitality Expenses Municipal Directive 2020, then please let me know. In any case, all receipts will have to be submitted as part of the invoices.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
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Office: 905-791-7800 ext.4583
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From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: September 1, 2021 3:58 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Good afternoon Italia,

We are still interested in attenting the stage 2 archaeological assessment. I was just looking at the agreement and I have some questions about it. Usually, as our monitor as to travel from Wendake to the site, we ask for a travel fee of [redacted] per kilometer. As I understand, the fieldwork will last a day. Our normal quote for a fieldwork like that would look like this :

[redacted]

As I was looking at the agreement, there was no amount dedicated to the meal allocation, accommodation and mileage. Does our normal rates would be approved?

Many thanks,
Marie-Sophie

De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mercredi 1 septembre 2021 15:19
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Sophie

I received the email below from Valerie regarding the contact change with respect to this project. A while back I had contacted Maxime Picard and Valerie about our Stage 2 Archeological Assessment. Maxime reviewed the Stage 1 archeological report and expressed interest in attending field investigation for Stage 2 archeological assessment. I had provided Maxime/Valerie with our Field Liaison Agreement for review and signature in order to attend the site. See attached. Please let me know if there is still interest in attending the field investigation. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.

Thanks,

Italia Ponce, P.Eng.
Project Manager
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From: Valerie Janssen <Valerie.Janssen@wendake.ca>
Sent: September 1, 2021 3:05 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Italia,

I hope you are doing well.

Following a structural change and the arrival of a new resource, I am announcing that my colleague Marie-Sophie Gendron will take care of archaeological files in Ontario for the Council of the Huron-Wendat Nation. Future correspondence can therefore be addressed to:
Marie-Sophie.Gendron@wendake.ca
isabelle.lechasseur@wendake.ca
jean-francois.richard@wendake.ca

Kind regards,

Valérie

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Marie-Sophie Gendron (Marie-Sophie.Gendron@wendake.ca), Isabelle Lechasseur (isabelle.lechasseur@wendake.ca) and Jean-François Richard (jean-francois.richard@wendake.ca).

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Valérie Janssen, M. Sc.
Analyste archéologue
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2120
Courriel : valerie.janssen@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 1 septembre 2021 13:55
À : Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc : Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Valerie

I am following up on this email as we have not received any response from you. Maxime had expressed interest in attending the Stage 2 Archeological Assessment for the above mentioned project. Unfortunately our schedule has been delayed due to some permitting issues however if you are still interested in attending the site visit, I have attached our Field Liaison Agreement for you to review and sign. Please let me know if there is still interest in attending the site visit. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.
I look forward to hearing from you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Ponce Vanelli, Italia
Sent: July 6, 2021 9:47 AM
To: Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Hi Valerie
I am just following up on the agreement I sent June 24 to Maxime. We are planning to go out on site to do the archeological Stage 2 field investigation the week of July 19 and I know Maxime had expressed interest in attending the field investigation. We will need the agreement signed before in order for you to join us. Please let me know at you earliest convenience when we can expect the signed agreement or if you are still interested in joining us during the field investigation.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
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From: Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Sent: June 30, 2021 10:04 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Valerie Janssen <Valerie.Janssen@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>
Subject: TR: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good morning Italia,

Thank you for your email. My colleague Valérie (cc'd) will follow up with you to coordinate our participation in this fieldwork.

Best regards,

Lori-Jeanne

ATTENTION: Please note that Maxime Picard has a new position at the Huron-Wendat Nation Council and is no longer in charge of Ontario consultations. Any new consultation from Ontario must be sent to Mario Gros-Louis (mario.groslouis@wendake.ca) and Lori-Jeanne Bolduc (lori-jeanne.bolduc@wendake.ca).

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Valérie Janssen, archaeologist (valerie.janssen@wendake.ca), Jean-François Richard (jean-francois.richard@wendake.ca) and Isabelle Lechasseur (isabelle.lechasseur@wendake.ca).

NATION HURONNE-WENDAT
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Lori-Jeanne Bolduc, M. ATDR
Conseillère en aménagement du territoire
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2211
Courriel : lori-jeanne.bolduc@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 24 juin 2021 11:00
À : Maxime Picard <Maxime.Picard@wendake.ca>
Cc : Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Maxime

We are planning to carry the Stage 2 Fieldwork for the Etobicoke creek Trunk Sewer Improvement and Upgrades EA in the next month or so and we wanted to reach out as you had expressed interest in attending the stage 2 field work.
As I mentioned before, there is a bit of paper work that may need to be completed in order to attend the field work. Please review the attached agreement and return it signed so that we can get this work started and I can advise my consultant to provide with the tentative date for the field work.
I have also attached the temporary electronic approval template which replaces the e-signature on the document if required. once completed with the name of the representative from Huron-Wendat Nation who is meant to sign the agreement, please send it back along with the agreement.
If you have any questions, or required additional clarification, please let me know.
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
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Office: 905-791-7800 ext.4583
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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: November 17, 2020 9:18 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Subject: Re: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Well received and thanks Italia.

Please note that the Huron-Wendat Nation would appreciate to have the opportunity to participate in the upcoming Stage 2 fieldwork.

Best regards,

Maxime Picard

De: "Ponce Vanelli, Italia" <italia.ponce@peelregion.ca>
À: "Maxime Picard" <maxime.picard@cnhw.qc.ca>
Cc: "Dorin Newton, TOR" <Dorin.Newton@jacobs.com>

Envoyé: Lundi 16 Novembre 2020 14:05:46
Objet: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Maxime
I am the project manager for this environmental assessment: Etobicoke Creek Trunk Sewer improvements and Upgrades who was previously managed by Laura Borowiec. Back in Janaury she emailed you about the Stage 1 Archeological assessment which at the time wasn't completed. We have completed the Stage 1 Archeological for this project for your review. We expect to complete a stage 2 archeological studies in the new year, weather permitting in some of the areas indicated in the report. IF you have any questions, feedback and comments on the report, please do not hesitate to contact me.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Borowiec, Laura
Sent: January 20, 2020 1:57 PM
To: Maxime Picard <maxime.picard@cnhw.qc.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel

10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer Improvements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Friday, October 22, 2021 1:02 PM
To: Marie-Sophie Gendron
Cc: Isabelle Lechasseur; Jean-Francois Richard; Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Thanks Marie-Sophie for the feedback. I have noted it in our files.
Please accept this message as approval of the quote you sent. When possible, please review the agreement and send it back to me to execute. I have copied our consultant who will pass the information to our archeological subcontractor who will contact you (or your monitor) directly to let you know of the date for the field investigation.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
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From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: October 22, 2021 12:01 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good morning Italia,

Unfortunately we do not have a monitor who is living closer. Also, it is important for our monitor that mileage is paid to a decent amount. As you noticed, they have to travel a lot. Theses fees allows our monitor to pay for his gas and the maintenance of his own vehicle. On another note, we ask our monitor to send their mileage for each trip. This is an estimation of the mileage traveled. The invoice will be adjusted with the real mileage.

Thank you for the details about the fieldwork, I await for your update closer to the first week of December.

Best,
Marie-Sophie

De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mardi 19 octobre 2021 15:20
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Marie-Sophie

My apologies for the delayed response. I wanted to double check our budget and get some direction with respect to how to proceed. I was asked a couple of questions with respect to the quote:

- Do you have a representative that is located closer to our project site?
- Can the travel rate be reduced?

With respect to the archeo work schedule, we are still waiting for permits from the local municipalities but we are hoping we get these permits completed before the 1st week of December as temperatures and conditions are not the best after that.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
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From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: September 27, 2021 1:51 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Hi Italia,

Thank you for following up. Our rates are not the same as Ontario Travel, Meal and Hospitality Expenses Municipal Directive 2020. I attached a quote with the prices according to the Ontario rates. Please let me know if it is approved by the region. I will send you the sign contract as soon as I have your answer. Is the fieldwork schedule? As always, if we are not able to provide a monitor to be on site, we would appreciate to receive a draft copie of the archaeological assessment report.

Regards,
Marie-Sophie

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Marie-Sophie Gendron, B.A.
Analyste archéologue
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767
Courriel : marie-sophie.gendron@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mercredi 22 septembre 2021 13:40
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Hello Marie Sophie
My Apologies for the late reply, I took some time off and now just getting back into the swing of things. The mileage and meal allocation are set under the Ontario Travel, Meal, and Hospitality Expenses Municipal Directive 2020 and under the agreement under section 6. I also wanted to mentioned that the when speaking with my consultant they mentioned that the work will take about two days so I wanted to update you on that as in the previous agreement it states only one day. I have attached the revised agreement for review.

If the rates below are not the same as the Ontario Travel, Meal, and Hospitality Expenses Municipal Directive 2020, then please let me know. In any case, all receipts will have to be submitted as part of the invoices.

Thanks,

Italia Ponce, P.Eng.

Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
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From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: September 1, 2021 3:58 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Italia,

We are still interested in attenting the stage 2 archaeological assessment. I was just looking at the agreement and I have some questions about it. Usually, as our monitor as to travel from Wendake to the site, we ask for a travel fee of [redacted] per kilometer. As I understand, the fieldwork will last a day. Our normal quote for a fieldwork like that would look like this :

[redacted] accommodation and mileage. Does our normal rates would be approved?

Many thanks,
Marie-Sophie

De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mercredi 1 septembre 2021 15:19
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-

Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : FW: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Hi Sophie

I received the email below from Valerie regarding the contact change with respect to this project. A while back I had contacted Maxime Picard and Valerie about our Stage 2 Archeological Assessment. Maxime reviewed the Stage 1 archeological report and expressed interest in attending field investigation for Stage 2 archeological assessment. I had provided Maxime/Valerie with our Field Liaison Agreement for review and signature in order to attend the site. See attached. Please let me know if there is still interest in attending the field investigation. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
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From: Valerie Janssen <Valerie.Janssen@wendake.ca>
Sent: September 1, 2021 3:05 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Good afternoon Italia,

I hope you are doing well.

Following a structural change and the arrival of a new resource, I am announcing that my colleague Marie-Sophie Gendron will take care of archaeological files in Ontario for the Council of the Huron-Wendat Nation. Future correspondence can therefore be addressed to:
Marie-Sophie.Gendron@wendake.ca
isabelle.lechasseur@wendake.ca
jean-francois.richard@wendake.ca

Kind regards,

Valérie

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Marie-Sophie Gendron (Marie-Sophie.Gendron@wendake.ca), Isabelle Lechasseur (isabelle.lechasseur@wendake.ca) and Jean-François Richard (jean-francois.richard@wendake.ca).

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Valérie Janssen, M. Sc.
Analyste archéologue
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2120
Courriel : valerie.janssen@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 1 septembre 2021 13:55
À : Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc : Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Hi Valerie

I am following up on this email as we have not received any response from you. Maxime had expressed interest in attending the Stage 2 Archeological Assessment for the above mentioned project. Unfortunately our schedule has been delayed due to some permitting issues however if you are still interested in attending the site visit, I have attached our Field Liaison Agreement for you to review and sign. Please let me know if there is still interest in attending the site visit. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.
I look forward to hearing from you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor

Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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From: Ponce Vanelli, Italia
Sent: July 6, 2021 9:47 AM
To: Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Hi Valerie
I am just following up on the agreement I sent June 24 to Maxime. We are planning to go out on site to do the archeological Stage 2 field investigation the week of July 19 and I know Maxime had expressed interest in attending the field investigation. We will need the agreement signed before in order for you to join us. Please let me know at you earliest convenience when we can expect the signed agreement or if you are still interested in joining us during the field investigation.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Sent: June 30, 2021 10:04 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Valerie Janssen <Valerie.Janssen@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>
Subject: TR: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Good morning Italia,

Thank you for your email. My colleague Valérie (cc'd) will follow up with you to coordinate our participation in this fieldwork.

Best regards,

Lori-Jeanne

ATTENTION: Please note that Maxime Picard has a new position at the Huron-Wendat Nation Council and is no longer in charge of Ontario consultations. Any new consultation from Ontario must be sent to Mario Gros-Louis (mario.groslouis@wendake.ca) and Lori-Jeanne Bolduc (lori-jeanne.bolduc@wendake.ca).

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Valérie Janssen, archaeologist (valerie.janssen@wendake.ca), Jean-François Richard (jean-francois.richard@wendake.ca) and Isabelle Lechasseur (isabelle.lechasseur@wendake.ca).

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Lori-Jeanne Bolduc, M. ATDR
Conseillère en aménagement du territoire
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2211
Courriel : lori-jeanne.bolduc@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 24 juin 2021 11:00
À : Maxime Picard <Maxime.Picard@wendake.ca>
Cc : Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Maxime

We are planning to carry the Stage 2 Fieldwork for the Etobicoke creek Trunk Sewer Improvement and Upgrades EA in the next month or so and we wanted to reach out as you had expressed interest in attending the stage 2 field work. As I mentioned before, there is a bit of paper work that may need to be completed in order to attend the field work. Please review the attached agreement and return it signed so that we can get this work started and I can advise my consultant to provide with the tentative date for the field work.

I have also attached the temporary electronic approval template which replaces the e-signature on the document if required. once completed with the name of the representative from Huron-Wendat Nation who is meant to sign the agreement, please send it back along with the agreement.
If you have any questions, or required additional clarification, please let me know.
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: November 17, 2020 9:18 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Subject: Re: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Well received and thanks Italia.

Please note that the Huron-Wendat Nation would appreciate to have the opportunity to participate in the upcoming Stage 2 fieldwork.

Best regards,

Maxime Picard

De: "Ponce Vanelli, Italia" <italia.ponce@peelregion.ca>
À: "Maxime Picard" <maxime.picard@cnhw.qc.ca>
Cc: "Dorin Newton, TOR" <Dorin.Newton@jacobs.com>
Envoyé: Lundi 16 Novembre 2020 14:05:46
Objet: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Maxime
I am the project manager for this environmental assessment: Etobicoke Creek Trunk Sewer improvements and Upgrades who was previously managed by Laura Borowiec. Back in Janaury she emailed you about the Stage 1 Archeological assessment which at the time wasn't completed. We have completed the Stage 1 Archeological for this project for your review. We expect to complete a stage 2 archeological studies in the new year, weather permitting in some of the areas indicated in the report. IF you have any questions, feedback and comments on the report, please do not hesitate to contact me.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Borowiec, Laura
Sent: January 20, 2020 1:57 PM
To: Maxime Picard <maxime.picard@cnhw.qc.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681

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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer lmprovements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, November 4, 2021 10:22 AM
To: Marie-Sophie Gendron
Cc: Isabelle Lechasseur; Jean-Francois Richard; Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Importance: High

Hi Marie-Sophie
Just following up on the agreement for the Etobicoke Creek Trunk Sewer EA.
Our Archeo team is planning to do the field investigation the week of November 15-19 and will reach out to you to confirm the details. However I want to make sure that you are ok with the agreement.
Please let me know if you have any questions. Once I receive the agreement I will sign and send you the final executed agreement.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Ponce Vanelli, Italia
Sent: October 22, 2021 1:02 PM
To: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc: Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Thanks Marie-Sophie for the feedback. I have noted it in our files.
Please accept this message as approval of the quote you sent. When possible, please review the agreement and send it back to me to execute. I have copied our consultant who will pass the information to our archeological subcontractor who will contact you (or your monitor) directly to let you know of the date for the field investigation.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: October 22, 2021 12:01 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Good morning Italia,

Unfortunately we do not have a monitor who is living closer. Also, it is important for our monitor that mileage is paid to a decent amount. As you noticed, they have to travel a lot. Theses fees allows our monitor to pay for his gas and the maintenance of his own vehicle. On another note, we ask our monitor to send their mileage for each trip. This is an estimation of the mileage traveled. The invoice will be adjusted with the real mileage.

Thank you for the details about the fieldwork, I await for your update closer to the first week of December.

Best,
Marie-Sophie

De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mardi 19 octobre 2021 15:20
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Hi Marie-Sophie

My apologies for the delayed response. I wanted to double check our budget and get some direction with respect to how to proceed. I was asked a couple of questions with respect to the quote:

- Do you have a representative that is located closer to our project site?
- Can the travel rate be reduced?

With respect to the archeo work schedule, we are still waiting for permits from the local municipalities but we are hoping we get these permits completed before the 1st week of December as temperatures and conditions are not the best after that.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: September 27, 2021 1:51 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Hi Italia,

Thank you for following up. Our rates are not the same as Ontario Travel, Meal and Hospitality Expenses Municipal Directive 2020. I attached a quote with the prices according to the Ontario rates. Please let me know if it is approved by the region. I will send you the sign contract as soon as I have your answer. Is the fieldwork schedule? As always, if we are not able to provide a monitor to be on site, we would appreciate to receive a draft copie of the archaeological assessment report.

Regards,
Marie-Sophie

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Marie-Sophie Gendron, B.A.
Analyste archéologue
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767
Courriel : marie-sophie.gendron@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mercredi 22 septembre 2021 13:40
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Hello Marie Sophie
My Apologies for the late reply, I took some time off and now just getting back into the swing of things. The mileage and meal allocation are set under the Ontario Travel, Meal, and Hospitality Expenses Municipal Directive 2020 and under the agreement under section 6. I also wanted to mentioned that the when speaking with my consultant they mentioned that the work will take about two days so I wanted to update you on that as in the previous agreement it states only one day. I have attached the revised agreement for review.

If the rates below are not the same as the Ontario Travel, Meal, and Hospitality Expenses Municipal Directive 2020, then please let me know. In any case, all receipts will have to be submitted as part of the invoices.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
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Office: 905-791-7800 ext.4583
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the email. Thank you.

From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: September 1, 2021 3:58 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Italia,

We are still interested in attenting the stage 2 archaeological assessment. I was just looking at the agreement and I have some questions about it. Usually, as our monitor as to travel from Wendake to the site, we ask for a travel fee of $0,565 per kilometer. As I understand, the fieldwork will last a day. Our normal quote for a fieldwork like that would look like this :

- 3 days of work (1 working day and 2 travel days) at a rate of $75/h
- 3 meals allocation at $79,80
- 2 incidentials at $17,30
- Accomodation 2 nights at 225$/night
- Report revision fees : $500.00
- Administration fees at a rate of 10% of the total amount (without the taxe).

As I was looking at the agreement, there was no amount dedicated to the meal allocation, accommodation and mileage. Does our normal rates would be approved?

Many thanks,
Marie-Sophie

De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mercredi 1 septembre 2021 15:19
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Sophie

I received the email below from Valerie regarding the contact change with respect to this project. A while back I had contacted Maxime Picard and Valerie about our Stage 2 Archeological Assessment. Maxime reviewed the Stage 1 archeological report and expressed interest in attending field investigation for Stage 2 archeological assessment. I had provided Maxime/Valerie with our Field Liaison Agreement for review and signature in order to attend the site. See attached. Please let me know if there is still interest in attending the field investigation. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
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From: Valerie Janssen <Valerie.Janssen@wendake.ca>
Sent: September 1, 2021 3:05 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Good afternoon Italia,

I hope you are doing well.

Following a structural change and the arrival of a new resource, I am announcing that my colleague Marie-Sophie Gendron will take care of archaeological files in Ontario for the Council of the Huron-Wendat Nation. Future correspondence can therefore be addressed to:
Marie-Sophie.Gendron@wendake.ca
isabelle.lechasseur@wendake.ca
jean-francois.richard@wendake.ca

Kind regards,

Valérie

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Marie-Sophie Gendron (Marie-Sophie.Gendron@wendake.ca), Isabelle Lechasseur (isabelle.lechasseur@wendake.ca) and Jean-François Richard (jean-francois.richard@wendake.ca).

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Valérie Janssen, M. Sc.
Analyste archéologue
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2120
Courriel : valerie.janssen@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 1 septembre 2021 13:55
À : Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc : Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Valerie

I am following up on this email as we have not received any response from you. Maxime had expressed interest in attending the Stage 2 Archeological Assessment for the above mentioned project. Unfortunately our schedule has been delayed due to some permitting issues however if you are still interested in attending the site visit, I have attached our Field Liaison Agreement for you to review and sign. Please let me know if there is still interest in attending the site visit. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.
I look forward to hearing from you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Ponce Vanelli, Italia
Sent: July 6, 2021 9:47 AM
To: Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Valerie
I am just following up on the agreement I sent June 24 to Maxime. We are planning to go out on site to do the archeological Stage 2 field investigation the week of July 19 and I know Maxime had expressed interest in attending the field investigation. We will need the agreement signed before in order for you to join us. Please let me know at you earliest convenience when we can expect the signed agreement or if you are still interested in joining us during the field investigation.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
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From: Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Sent: June 30, 2021 10:04 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Valerie Janssen <Valerie.Janssen@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>
Subject: TR: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good morning Italia,

Thank you for your email. My colleague Valérie (cc'd) will follow up with you to coordinate our participation in this fieldwork.

Best regards,

Lori-Jeanne

ATTENTION: Please note that Maxime Picard has a new position at the Huron-Wendat Nation Council and is no longer in charge of Ontario consultations. Any new consultation from Ontario must be sent to Mario Gros-Louis (mario.groslouis@wendake.ca) and Lori-Jeanne Bolduc (lori-jeanne.bolduc@wendake.ca).

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Valérie Janssen, archaeologist (valerie.janssen@wendake.ca), Jean-François Richard (jean-francois.richard@wendake.ca) and Isabelle Lechasseur (isabelle.lechasseur@wendake.ca).

NATION HURONNE-WENDAT
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Lori-Jeanne Bolduc, M. ATDR
Conseillère en aménagement du territoire
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2211
Courriel : lori-jeanne.bolduc@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 24 juin 2021 11:00
À : Maxime Picard <Maxime.Picard@wendake.ca>
Cc : Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Maxime

We are planning to carry the Stage 2 Fieldwork for the Etobicoke creek Trunk Sewer Improvement and Upgrades EA in the next month or so and we wanted to reach out as you had expressed interest in attending the stage 2 field work.
As I mentioned before, there is a bit of paper work that may need to be completed in order to attend the field work. Please review the attached agreement and return it signed so that we can get this work started and I can advise my consultant to provide with the tentative date for the field work.
I have also attached the temporary electronic approval template which replaces the e-signature on the document if required. once completed with the name of the representative from Huron-Wendat Nation who is meant to sign the agreement, please send it back along with the agreement.
If you have any questions, or required additional clarification, please let me know.
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel

10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: November 17, 2020 9:18 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Subject: Re: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Well received and thanks Italia.

Please note that the Huron-Wendat Nation would appreciate to have the opportunity to participate in the upcoming Stage 2 fieldwork.

Best regards,

Maxime Picard

De: "Ponce Vanelli, Italia" <italia.ponce@peelregion.ca>
À: "Maxime Picard" <maxime.picard@cnhw.qc.ca>
Cc: "Dorin Newton, TOR" <Dorin.Newton@jacobs.com>
Envoyé: Lundi 16 Novembre 2020 14:05:46
Objet: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Maxime
I am the project manager for this environmental assessment: Etobicoke Creek Trunk Sewer improvements and Upgrades who was previously managed by Laura Borowiec. Back in Janaury she emailed you about the Stage 1 Archeological assessment which at the time wasn't completed. We have completed the Stage 1 Archeological for this project for your review. We expect to complete a stage 2 archeological studies in the new year, weather permitting in some of the areas indicated in the report. IF you have any questions, feedback and comments on the report, please do not hesitate to contact me.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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From: Borowiec, Laura
Sent: January 20, 2020 1:57 PM
To: Maxime Picard <maxime.picard@cnhw.qc.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681



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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer Improvements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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Newton, Dorin/TOR

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, November 8, 2021 3:15 PM
To: Marie-Sophie Gendron
Cc: Jean-Francois Richard; Isabelle Lechasseur; Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: [EXTERNAL] ECTS Fieldwork Nov 15-16
Attachments: ECTS_ParkingLocation.jpg

Hi Marie-Sophie,

It is my understanding that the Region of Peel is in the process of getting an agreement signed with the la Nation Huronne-Wendat. Our client, Jacobs, has asked that we reach out and let you know the details for the upcoming fieldwork.

Here is the information for Etobicoke Creek Trunk Sewer Project, ASI file 20EA-212.

Start Date: November 15
# of days anticipated for fieldwork: 2
Start Time: 8 AM
Consultant Company: ASI
Field Director(s) and Cell Phone(s): FD is Brandon Reimer 647-549-0676
Stage of Fieldwork: 2
Borden Number (if applicable): There is a Woodland site ("Sniper" Site) AkGw-79 within 300 m of one of the work area. This site was subjected to 37 sq m units excavated and 400 sq m of machine stripping in the 90s. No comments on if further work is recommended.
Required PPE: High viz vest, steel toed boots and COVID PPE like masks, hand sanitizer etc
Meeting Location Address: Police Credit Unit at 7725 Kennedy Road as parking looks dangerous along Kennedy. See attached parking map.
Size of Field Crew: 3

Please send over the name of the FLR and their cell phone number when you can. We look forward to working with you on this project!

Thanks,

Blake Williams (He/Him)**, MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division
Cell: 647-216-5725

ASI • Providing Archaeological & Cultural Heritage Services
BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca


Kennedy Rd S
First Gulf Blvd
Etobicoke Creek Trail
Etobicoke Creek Trail
Etobicoke Creek
Hartford Trail
Kennedy Rd
Kennedy Rd S
Etobicoke Creek Trail
Etobicoke Creek
Casper Crescent
Sifford Ct
Kennedy Rd S
Kennedy Rd
The Police Credit Union
Sam Rayson Valley
Casper Crescent
Etobicoke Creek
Kennedy Rd S
Brampton Rugby Union Football
Etobicoke Creek

Newton, Dorin/TOR

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, November 15, 2021 2:14 PM
To: Marie-Sophie Gendron
Cc: Jean-Francois Richard; Isabelle Lechasseur; Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: [EXTERNAL] Re: ECTS Fieldwork Nov 15-16

Hi Marie-Sophie,

I didn't receive a response for my email dated November 8. No FLRs reached out or joined us today. Will an FLR be joining us on-site tomorrow or would you be interested in reviewing our report?

Cheers,

Blake

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From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, November 8, 2021, 3:14 p.m.
To: Marie-Sophie Gendron
Cc: Jean-Francois Richard; Isabelle Lechasseur; Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: ECTS Fieldwork Nov 15-16

Hi Marie-Sophie,

It is my understanding that the Region of Peel is in the process of getting an agreement signed with the la Nation Huronne-Wendat. Our client, Jacobs, has asked that we reach out and let you know the details for the upcoming fieldwork.

Here is the information for Etobicoke Creek Trunk Sewer Project, ASI file 20EA-212.

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Field Director(s) and Cell Phone(s): FD is Brandon Reimer 647-549-0676
Stage of Fieldwork: 2
Borden Number (if applicable): There is a Woodland site (“Sniper” Site) AkGw-79 within 300 m of one of the work area. This site was subjected to 37 sq m units excavated and 400 sq m of machine stripping in the 90s. No comments on if further work is recommended.
Required PPE: High viz vest, steel toed boots and COVID PPE like masks, hand sanitizer etc
Meeting Location Address: Police Credit Unit at 7725 Kennedy Road as parking looks dangerous along Kennedy. See attached parking map.
Size of Field Crew: 3

Please send over the name of the FLR and their cell phone number when you can. We look forward to working with you on this project!

Thanks,

Blake Williams (He/Him)**, MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division
Cell: 647-216-5725

ASI • Providing Archaeological & Cultural Heritage Services
BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

Newton, Dorin/TOR

From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: Monday, November 15, 2021 4:26 PM
To: Blake Williams
Cc: Jean-Francois Richard; Isabelle Lechasseur; Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: [EXTERNAL] RE: ECTS Fieldwork Nov 15-16

Good afternoon Blake,

Thank you for reaching out again. I am sorry, I thought that I answered your previous email. Unfortunately, we do not have a monitor available this week to join the team on the field. If you could send me a brief update about the work, it would be appreciated. We are still interested in commenting the report for this assessment.

Thank you,
Marie-Sophie

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Marie-Sophie Gendron, B.A.
Analyste archéologue
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767
Courriel : marie-sophie.gendron@wendake.ca

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De : Blake Williams <bwilliams@asiheritage.ca>
Envoyé : 15 novembre 2021 14:14
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; Mahood, Tom/KWO <Tom.Mahood@jacobs.com>
Objet : Re: ECTS Fieldwork Nov 15-16

Hi Marie-Sophie,

I didn't receive a response for my email dated November 8. No FLRs reached out or joined us today. Will an FLR be joining us on-site tomorrow or would you be interested in reviewing our report?

Cheers,

Blake

Get Outlook for Android

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, November 8, 2021, 3:14 p.m.
To: Marie-Sophie Gendron
Cc: Jean-Francois Richard; Isabelle Lechasseur; Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: ECTS Fieldwork Nov 15-16

Hi Marie-Sophie,

It is my understanding that the Region of Peel is in the process of getting an agreement signed with the la Nation Huronne-Wendat. Our client, Jacobs, has asked that we reach out and let you know the details for the upcoming fieldwork.

Here is the information for Etobicoke Creek Trunk Sewer Project, ASI file 20EA-212.

Start Date: November 15
# of days anticipated for fieldwork: 2
Start Time: 8 AM
Consultant Company: ASI
Field Director(s) and Cell Phone(s): FD is Brandon Reimer 647-549-0676
Stage of Fieldwork: 2
Borden Number (if applicable): There is a Woodland site ("Sniper" Site) AkGw-79 within 300 m of one of the work area. This site was subjected to 37 sq m units excavated and 400 sq m of machine stripping in the 90s. No comments on if further work is recommended.
Required PPE: High viz vest, steel toed boots and COVID PPE like masks, hand sanitizer etc
Meeting Location Address: Police Credit Unit at 7725 Kennedy Road as parking looks dangerous along Kennedy. See attached parking map.
Size of Field Crew: 3

Please send over the name of the FLR and their cell phone number when you can. We look forward to working with you on this project!

Thanks,

Blake Williams (He/Him), **MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division
Cell: 647-216-5725

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BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

From:	Borowiec, Laura
To:	Jones, Lee Anne/TOR
Cc:	Newton, Dorin/TOR
Subject:	[EXTERNAL] FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades
Date:	Monday, January 13, 2020 2:05:53 PM
Attachments:	E-200107 Peel Class EA Study for the Etobicoke Creek.pdf

Good afternoon Lee Anne and Dorin,

Please see request from Nation Huronne-Wendat for your action.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681

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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer lmprovements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario

255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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BY REGISTERED MAIL

CONSEIL DE LA
13 JAN. 2020
NATION HURONNE WENDAT

January 7, 2020

Konrad Sioui
Grand Chef, Nation Huronne-Wendat
255, place Chef Michel Laveau
Wendake, QC G0A 4V0

Public Works

10 Peel Centre Dr.
Suite A
Brampton, ON
L6T 4B9
tel: 905-791-7800

peelregion.ca

Dear Konrad Sioui,

RE: Class EA Study for the Etobicoke Creek Trunk Sewer Improvements and Upgrades

The Region of Peel is undertaking a Municipal Class Environmental Assessment (EA) Study to identify, develop and implement a solution to address future capacity needs and operational and maintenance issues of the existing Etobicoke Creek Trunk Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton. The study will follow a Schedule 'C' Class EA process, including notification and consultation with the public and agency stakeholders and completion of an Environmental Study Report (ESR).

As a stakeholder with potential interest in this area, the Region wishes to engage with your community to listen and obtain any feedback that could provide input into the study process. Please find enclosed the Notice of Study Commencement, published on June 27, 2019, which contains further information about the study.

At this stage, baseline studies have been completed, including environmental, archaeological and cultural heritage. These draft technical studies are available and can be provided to you upon request. Technical studies, in conjunction with input received through the consultation process, are being utilized as part of the evaluation process and will ultimately form part of the final ESR that will be filed for public review upon completion.

You are currently part of the study's consultation program. If you wish to be removed or would like to suggest an alternative representative, please let us know. Otherwise, you will continue to be notified of future updates and consultation opportunities. Should you have any questions, please do not hesitate to contact the undersigned.

Your very truly,

Laura Borowiec, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 7681
laura.borowiec@peelregion.ca

Lee Anne Jones, P. Eng.
Project Manager
Jacobs
(416) 499-9000 Ext. 73616
LeeAnne.Jones@jacobs.com

encl.

Public Notice

Region of Peel
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Environmental Assessment Study

Notice of Study Commencement
Etobicoke Creek Trunk Sewer Improvements and Upgrades

Background

The Region of Peel is undertaking a Municipal Class Environmental Assessment (EA) Study to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton. The study area for this Class EA is shown in the map to the right.

The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.



Process

The study will follow a Schedule 'C' Class EA process, including: public and agency stakeholder meetings, evaluation of alternatives, identifying measures to reduce impact on the environment and a traceable, reproducible, decision making process.

Your Input is Important

Two Public Information Centres (PICs) will be held to present the findings of the EA and to provide an opportunity to give feedback to the project team. The first meeting is planned for fall 2019. Once completed, the results of the Study will be published in an Environmental Study Report, placed on public record for review.

To be added to the mailing list or to receive further information about the project, please contact:

Laura Borowiec, P.Eng.
Project Manager
10 Peel Centre Drive, 4th Floor, Suite A
Brampton, ON, L6T 4B9
905-791-7800 Ext. 7681
laura.borowiec@peelregion.ca

For more information on the project visit the Region's website at: peelregion.ca/pw/water/environ-assess and select *Brampton*.

The Region of Peel is committed to ensure that all Regional services, programs and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any disability accommodations to provide comments or feedback for this study.

This notice was first issued on June 27, 2019.

With the exception of personal information, all comments will become part of the public record of the study. The study is being conducted according to the requirements of the Municipal Class Environmental Assessment, which is a planning process approved under Ontario's *Environmental Assessment Act*.

From: Maxime Picard
To: Borowiec, Laura
Cc: Catherine Dupont; Jones, Lee Anne/TOR; Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades
Date: Monday, January 20, 2020 2:09:22 PM

Well received and thanks for following-up Laura.

Could you please let us know when you anticipate to have the Stage 1 report completed ?

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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De : Borowiec, Laura [mailto:laura.borowiec@peelregion.ca]
Envoyé : 20 janvier 2020 13:57
À : Maxime Picard
Cc : 'Catherine Dupont'; Jones, Lee Anne/TOR; Newton, Dorin/TOR
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681



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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer lmprovements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

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From:	Borowiec, Laura
To:	Maxime Picard
Cc:	"Catherine Dupont"; Jones, Lee Anne/TOR; Newton, Dorin/TOR
Subject:	[EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades
Date:	Monday, January 20, 2020 2:01:15 PM
Attachments:	190730-18EA-161 ECTS Arch Ex Cond Memo.pdf

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681

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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer lmprovements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

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Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Monday, November 16, 2020 2:06 PM
To: Maxime Picard
Cc: Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades
Attachments: 18EA-161 Stage 1 Report_21sept2020.pdf

Hello Maxime
I am the project manager for this environmental assessment: Etobicoke Creek Trunk Sewer improvements and Upgrades who was previously managed by Laura Borowiec. Back in Janaury she emailed you about the Stage 1 Archeological assessment which at the time wasn't completed. We have completed the Stage 1 Archeological for this project for your review. We expect to complete a stage 2 archeological studies in the new year, weather permitting in some of the areas indicated in the report. IF you have any questions, feedback and comments on the report, please do not hesitate to contact me.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Borowiec, Laura
Sent: January 20, 2020 1:57 PM
To: Maxime Picard <maxime.picard@cnhw.qc.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681

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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer Improvements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

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Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario

255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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Newton, Dorin/TOR

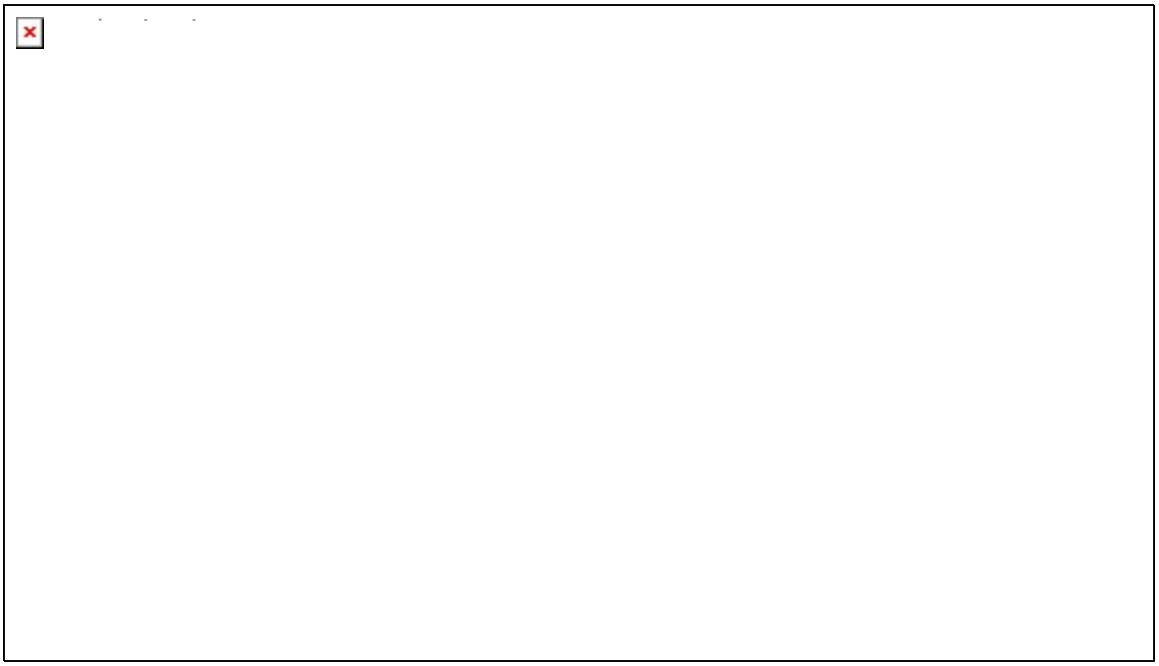
From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: Tuesday, November 17, 2020 9:18 AM
To: Ponce Vanelli, Italia
Cc: Newton, Dorin/TOR
Subject: [EXTERNAL] Re: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Well received and thanks Italia.

Please note that the Huron-Wendat Nation would appreciate to have the opportunity to participate in the upcoming Stage 2 fieldwork.

Best regards,

Maxime Picard



De: "Ponce Vanelli, Italia" <italia.ponce@peelregion.ca>
À: "Maxime Picard" <maxime.picard@cnhw.qc.ca>
Cc: "Dorin Newton, TOR" <Dorin.Newton@jacobs.com>
Envoyé: Lundi 16 Novembre 2020 14:05:46
Objet: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Maxime
I am the project manager for this environmental assessment: Etobicoke Creek Trunk Sewer improvements and Upgrades who was previously managed by Laura Borowiec. Back in Janaury she emailed you about the Stage 1 Archeological assessment which at the time wasn't completed. We have completed the Stage 1 Archeological for this project for your review. We expect to complete a stage 2 archeological studies in the new year, weather permitting in some of the areas

indicated in the report. IF you have any questions, feedback and comments on the report, please do not hesitate to contact me.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Borowiec, Laura
Sent: January 20, 2020 1:57 PM
To: Maxime Picard <maxime.picard@cnhw.qc.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681

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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer Improvements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Wednesday, December 9, 2020 10:42 AM
To: Newton, Dorin/TOR
Cc: Jones, Lee Anne/TOR
Subject: [EXTERNAL] FW: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

FYI

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: December 8, 2020 11:57 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Well received and thanks Italia.
We will let you know if we have any question on those information.

In the meantime please effectively keep us updated on the Stage 2 AA timing.

Regards,

Maxime

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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message par erreur, veuillez le détruire et nous en faire part dans les plus brefs délais.

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content is intended specifically for the recipient(s) to whom it is addressed. It is therefore prohibited to distribute or to disclose t
content. If you receive this communication by error, please destroy it and notify us as soon as possible.

De : Ponce Vanelli, Italia [mailto:italia.ponce@peelregion.ca]
Envoyé : 8 décembre 2020 11:50
À : Maxime Picard <maxime.picard@cnhw.qc.ca>
Objet : Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Good Morning Mr. Maxime Picard,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified a preliminary preferred alternative and would like to confirm this with input from the public and all stakeholders. Please see attached Notice for details on how to access the Region's Online Public Engagement material.

Please direct any comments to me and disregard the deadline for comments of December 11 as this will be extended to December 22 for you. If you wish to meet or obtain additional information, or would like clarification on the material presented, please feel free to call me or email me. I also wanted to address your request to attend Stage 2 archeological, we expect it to happen in the new year but I will confirm as we get closer to the date and give you ample time to schedule it.

Regards,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9

Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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FIELD REPRESENTATIVE AGREEMENT

(the "**Agreement**")

THIS AGREEMENT is made as of the _24th____ day of _June_____, 2021___ (the "**Effective Date**").

BETWEEN:

HURON WENDAT NATION, as represented by its Chief and Council having the capacity of a Band pursuant to the *Indian Act (Canada)*,

("Huron Wendat Nation")

-and-

THE REGIONAL MUNICIPALITY OF PEEL

(the "Region" and together with Huron Wendat Nation, the "**Parties**" and each a "**Party**"**)**

WHEREAS:

A. The Region is the proponent undertaking Stage 2 archeological assessment as part of the Etobicoke Creek Trunk Sewer improvement and upgrades Class Environmental Assessment project (the "**Project**").

B. The Project will include **Stage 2 archaeological assessment fieldwork** (the "**Field Work**").

C. The Field Work is expected to commence on or about July 2021 for a duration of _a day_____.

D. The Region of Peel has contracted ASI to carry out the Archeological Field Work as part of Stage 2 Archeological Assessment for the Project**.**

E. The Region acknowledges the importance of Huron-Wendat Nation participating in and being kept apprised of the **Archeological** aspects of the Project. To further this objective the Region wishes to provide Huron-Wendat Nation : **(i)** access to the Project site, and **(ii)** funding to assist Huron-Wendat Nation to hire **one persons** to participate in the Field Work (a "**FLR**"), all in accordance with the terms and conditions of this Agreement,

NOW THEREFORE, in consideration of the terms and conditions set out below, and the sum of one dollar ($1.00) paid by each Party to the other Party, and for other good and valuable consideration (the receipt and sufficiency of which is hereby acknowledged) the Parties agree as follows:

1 **FLR Position.** The parties understand and agree that Huron-Wendat Nation wishes to send a FLR to participate in and monitor the assessments associated with the Project, and agree that the Field Liaison Representative's duties will be: (a) to ensure that Huron-Wendat Nation 's perspectives and priorities are considered; (b) to enable Huron-Wendat Nation to provide timely and meaningful comment on the Project; and (c) also includes those duties set out in Schedule A to this Agreement (collectively, the "**FLR Duties**"). The Region agrees that Huron-Wendat Nation may hire a FLR to conduct the FLR Duties and the Region will reimburse the for the costs of the FLR (the "**FLR Funding**") pursuant to paragraph 6 below.

2 **Additional FLRs.** Where the Parties agree that more than one FLR is needed to carry out the FLR Duties, the Region shall provide additional FLR Funding to Huron-Wendat Nation in accordance with this Agreement. The Parties agree that any FLR Funding for any additional FLR will depend on an assessment by the Parties (acting reasonably) of factors such as size of any field crews, schedule of proposed Field Work, and number of locations of proposed Field Work.

3 **FLR Participation at Project.** The Region shall allow a FLR to attend at the Project site to participate in the Field Work subject to the following terms and conditions, which terms and conditions (where applicable) shall form part of any employment contract between a FLR and Huron-Wendat Nation :

(a) a FLR shall attend at the Project site to observe and where instructed participate in the Field Work at such times as determined by the Region in its sole discretion, based on the **environmental assessment phases** of the Project;

(b) while at the Project site, a FLR shall follow the reasonable instructions of the Region and its agents;

(c) where instructed by the Region field staff or its agents, the FLR shall, in addition to FLR Duties, actively participate in Field Work;

(d) a FLR shall have appropriate qualifications to carry out the FLR Duties including adequate training in environmental and archaeological monitoring, and experience or ability to work with Indigenous communities to help bridge Indigenous perspectives with western science, as reasonably determined by Huron-Wendat Nation ;

(e) a FLR when participating in and/or observing the Field Work shall comply with all safety practices and site access constraints in place at the Project site;

(f) a FLR shall attend all safety meetings while at the Project site;

(g) a FLR shall participate in any site specific safety training and will be subject to the same provisions as "workers" under the *Occupational Health and Safety Act* (Ontario);

(h) a Field Liaison Representative's failure to comply with the health and safety requirements applicable to workers at the Project site may result in the expulsion of the FLR from the Project site;

(i) a FLR shall be responsible for their own personal protective equipment, such as hard hats, safety boots, and safety vests prescribed in the site specific health and safety plan and must use the equipment according to any site specific health and safety plan;

(j) a FLR shall where requested by the Region sign an acknowledgment that they are not an employee of the Region;

(k) a FLR shall contact a designated Region field representative twenty-four (24) hours before each visit to confirm attendance and details of the Project site access; and

(l) a FLR shall check in with the designated Region field contact on the day of the Project site visit prior to participating in and observing Field Work.

4 **FLR attendance at Project Site.** The Region will provide Huron-Wendat Nation with the names and contact information of the designated Region field contact. The Region shall make reasonable efforts to provide at least **five (5)** days' prior notice to Huron-Wendat Nation of a required deployment of a FLR to the Project site. The Region shall provide Huron Wendat as much advance notice as practicable of the anticipated attendance of the FLR at the Project site.

5 **Coordination of FLRs Attendance at Project site.** The Region shall coordinate the Field Liaison Representative's observation and participation in the any Field Work. Unless notified otherwise*, **Blake Williams*** will act as the Region's contact person for the coordination of FLR attendance at the Project Site. Unless otherwise advised by the Region in writing the contact information for ***Blake Williams*** is as follows:

Name: Blake Williams- Project Manager
Telephone: 416-966-1069 x 258
E-mail: BWilliams@asiheritage.ca
Project: Etobicoke Creek Trunk Sewer Improvement and Upgrades
Company: ASI - 528 Bathurst St. Toronto, ON M5S 2P9

The Region shall coordinate site meeting locations and times through Huron-Wendat Nation 's duly appointed Archaeological Coordinator or, when necessary, directly with a FLRs. Unless otherwise advised by Huron-Wendat Nation in writing the contact information for the Archaeological Coordinator is as follows:

Name:
Telephone:
Email:

6 **FLR Funding.** During the Term the Region will provide FLR Funding to Huron Wendat Nation as follows:

(a) Hourly Rate: FLR pay in the amount of $60-75 per hour when attending at Project site and actual travel time to and from the Project site. This hourly rate will be doubled where such attendance occurs on a statutory holiday (this includes New Year's Day, Family Day, Good Friday, Victoria Day, Canada Day, Civic Holiday, Labour Day, Thanksgiving Day, Christmas Day, and Boxing Day) (where the Region cancels the attendance of the FLR on less than twelve (12) hours' notice, the Region will reimburse Huron Wendat Nation for four (4) hours of the FLR's time for that day);

(b) Maximum Funding Amount: the maximum funding amount for all work under this agreement will be five thousand dollars ($5,000.00) ("**Maximum Funding Amount"**). If the Huron-Wendat Nation is of the opinion that the Maximum Funding Amount is insufficient given the unique nature and complexity of the Project, the Huron-Wendat may provide a workplan and budget for the FLR Duties to the Region for the Region's approval. The Region is not obliged to fund any work beyond the Maximum Funding Amount unless pre-approved by the Region.

(c) Meal Allowance: FLR meal allowance;

(d) Mileage: FLR mileage to and from the Project. Determination of the point of departure for mileage shall be determined by the Region acting reasonably; and

(e) Tolls: 407ETR charges for travel to and from the Project site where travel on the 407ETR is approved in advance by the Region based on such travel being reasonably necessary for the FLR to attend at the Project site in a timely manner,

all subject to and in accordance with the Ontario Travel, Meal, and Hospitality Expenses Municipal Directive 2020, as may be further amended.

7 **Payment of FLR Funding.** The Parties agree that the Region will pay the FLR Funding to Huron-Wendat Nation by cheque or bank transfer within thirty (30) days of delivery by Huron-Wendat Nation to the Region of (a) an invoice explaining in reasonable detail a Field Liaison Representative's time, fees, reasonable mileage, meal allowance, and nature of work performed and (b) any comments on the reports on behalf of Huron-Wendat Nation .

8 **Time Sheets.** The Region will use a daily timesheet record signed by the FLR and the contact person or their designate at the conclusion of each workday to validate reimbursement. These signed records will be provided to Huron-Wendat Nation for their incorporation in invoices.

9 **Form of Invoice.** All invoices shall be in a form satisfactory to the Region. Invoices shall be addressed directly to the Region as set out herein. The Project should be noted in the text of each invoice. Invoices should be submitted electronically to the following address:

by email: italia.ponce@peelregion.ca

Attention: Italia Ponce – Project Manager

by mail: Italia Ponce – Project Manager
Italia.ponce@peelregion.ca
Etobicoke Creek Trunk Sewer Improvements and Upgrades
Region of Peel – Public Works
905-791-7800 ext. 4583
10 Peel Centre Dr. Brampton, ON L6T 4B9

Address:
Attention:

and in each case with a copy to:

[●- Huron Wendat representative]

10 **Huron-Wendat Nation Indemnification of the Region.** Huron-Wendat Nation agrees that it shall indemnify the Region and its directors, officers, employees, agents, contractors, subsidiaries and affiliates (collectively the "Indemnitees" and each an "**Indemnitee**") from and against any and all claims, actions, liabilities, damages, losses, costs and expenses (including reasonable legal fees) (collectively, the "**Losses**") arising out of:

(a) any FLR participating in the Field Work;

(b) any claims by any FLR that the FLR was or is an employee of the Region; and

(c) any and all claims or demands under the *Income Tax Act* of Canada, the *Income Tax Act* of the Province of Ontario, the *Canada Pension Plan*, the *Employment Insurance Act* of Canada, including any regulations made under the *Employment Insurance Act*, and any other statute or regulations for or in respect of any claim or demands under which the Region is found liable for failing to withhold income tax, Canada Pension Plan premiums, employment insurance premiums or any other tax premium, payment of levy from all or any part of any amounts paid to the Field Liaison Representative.

11 **Insurance**. Huron-Wendat Nation agrees to pays Workplace Safety and Insurance Board ("**WSIB**") contributions in respect of the FLRs and will, at its own expense, maintain for the term of this agreement a comprehensive general liability ("**CGL**") policy or policies with a limit of at least $1 million and shall provide the Region with evidence of such insurance, upon request.

12 **Representations and Warranties of the Region.** The Region acknowledges that Huron-Wendat Nation is relying upon the representations and warranties set out in this Agreement and in connection with its entering into this Agreement, the Region represents and warrants as follows:

(a) The Region has all requisite power and authority to execute and deliver this Agreement and has all necessary power and authority to perform the obligations of the Region as set out herein.

(b) The entering into this Agreement will not result in the violation of any of the terms and provisions of any agreement, written or oral, to which the Region may be a party.

(c) The execution and delivery of this Agreement has been duly authorized by all necessary actions on the part of the Region and this Agreement when duly executed and delivered by the Region will constitute a legal and binding obligation of the Region enforceable in accordance with its terms.

13 **Representations and Warranties of Huron-Wendat Nation .** Huron-Wendat Nation acknowledges that the Region is relying upon the representations and warranties set out in this Agreement and in connection with its entering into this Agreement Huron-Wendat Nation represents and warrants as follows:

(a) Huron-Wendat Nation is responsible for the retention of the services of any FLR and the Parties agree and confirm that any FLR is not and shall not be an employee of the Region (or the Region's contractor or its sub-contractors).

(b) Huron-Wendat Nation shall at all times during the Term maintain in place insurance in a form and amount satisfactory to the Region acting reasonably and WSIB coverage with respect to any Field Liaison Representative.

(c) The execution and delivery of this Agreement has been duly authorized by all necessary actions on the part of Huron-Wendat Nation and this Agreement when duly executed and delivered by Huron-Wendat Nation will constitute a legal and binding obligation of Huron-Wendat Nation enforceable in accordance with its terms.

(d) Huron-Wendat Nation has all requisite power and authority to execute and deliver this Agreement and has all necessary power and authority to perform the obligations as set out herein.

(e) The entering into this Agreement will not result in the violation of any of the terms and provisions of any agreement, written or oral, to which Huron-Wendat Nation may be a party.

(f) Huron-Wendat Nation shall at all times during the Term maintain in place the insurance required under this Agreement.

14 **Term.** This Agreement shall commence on the Effective Date and continue until the earlier of (a) thirty (30) days after the provision by the Region to Huron-Wendat Nation of a notice of termination; and (b) notification from the Region to Huron-Wendat Nation that the Field Work has concluded, (the "**Term**").

15 **Notices.** Any notice, demand or other communication (in this Article, a "**Notice**") required or permitted to be given or made under this Agreement must be in writing and is sufficiently given or made if:

(a) delivered in person or by prepaid courier service and left with a receptionist or other responsible employee of the relevant Party at the applicable address set forth below;

(b) sent by mail (except in the case of actual or apprehended disruption of postal service); or

(c) sent by facsimile, email or other form of electronic communication. In the case of a notice to:

i. the Region, addressed to it as follows:

Attention: Italia Ponce – Project Manager
Facsimile No.:
Telephone No.: 905-791-7800 ext. 4583
Email: italia.ponce@peelregio.ca

ii. Huron-Wendat Nation , addressed to it as follows:

Attention:
Facsimile No.:
Telephone No.:
Email:

(d) Any Notice sent in accordance with this Article shall be deemed to have been received:

i. if delivered in person or by prepaid courier service during normal business hours (9:00am - 4:30pm) on the date of delivery;

ii. if sent by mail, on the fifth (5th) business day after mailing, or, in the case of disruption of postal service, on the fifth (5^{th}) such business day after cessation of that disruption; or

iii. if sent by facsimile, email or other form of electronic communication, during normal business hours (9:00am - 4:30pm) on confirmation of transmission,

except that any Notice delivered in person, by prepaid courier service or sent by facsimile, or email or other form of electronic communication not on a business day or after normal business hours (9:00am - 4:30pm) on a business day, in each case in the place where the Notice is received, shall be deemed to have been received on the next succeeding business day in the place where the notice is received. Any Party may change its address for Notice by giving Notice to the other Party.

16 **Entire Agreement.** This Agreement constitutes the entire agreement between the Parties pertaining to the subject matter of this Agreement and supersedes all prior correspondence, agreements, negotiations, discussions and understandings, written or oral between the Parties. Except as specifically set out in this Agreement, there are no representations, warranties, conditions or other agreements or acknowledgements, whether direct or collateral, express or implied, written or oral, statutory or otherwise, that form part of or affect this Agreement or which induced any Party to enter into this Agreement.

17 **Enurement and Assignment.** This Agreement shall enure to the benefit of, and be binding upon, the respective successors and assigns of each of the Parties.

18 **Waiver.** Any waiver of, or consent to depart from, the requirements of any provision of this Agreement shall be effective only if it is in writing and signed by the Party giving it, and only in the specific instance and for the specific purpose for which it has been given. No failure on the part of any Party to exercise, and no delay in exercising, any right under this Agreement shall operate as a waiver of that or any future right. No single or partial exercise of any such right shall preclude any other or further exercise of that right or the exercise of any other right.

19 **Further Assurances.** Each of the Parties to this Agreement hereby agree that it will promptly do, make, execute or deliver, or cause to be done, made, executed or delivered, all such further acts, documents and things as another Party may reasonably require from time to time for the purpose of giving effect to the provisions of this Agreement and each of the Parties to this Agreement agrees that it will use reasonable efforts and take all such steps as may be reasonably within its power to implement to their full extent the provisions of this Agreement.

20 **No Partnership.** Nothing in this Agreement shall be construed as creating a partnership, joint venture, association or trust, fiduciary or similar relationship. It is further understood and agreed that no Party is liable for the acts, covenants and agreements of any other Party, except as may be expressly provided in this Agreement.

21 **Modification.** No modification, amendment, supplement to or waiver of this Agreement or any schedule hereunder, or any of their provisions shall be binding upon the Parties hereto unless made in writing and duly signed by both Parties.

22 **Governing Law.** This Agreement shall be governed by, and interpreted and enforced in accordance with, the laws of the Province of Ontario and the federal laws of Canada applicable therein and the Parties hereby irrevocably submit to the exclusive jurisdiction of the courts of the Province of Ontario in connection with this Agreement.

23 **Counterparts and Transmission.** This Agreement may be executed in several counterparts, each of which when so executed shall be deemed to be an original and all counterparts together shall constitute one and the same instrument. A signed counterpart provided by way of facsimile or other form of electronic transmission shall be as binding upon the parties as an originally signed counterpart.

Signatures on next page.

IN WITNESS WHEREOF the Parties have duly executed this Agreement as of the Effective Date.

Huron-Wendat Nation,
Per:

Name:
Title:
I have authority to bind the First Nation.

REGIONAL MUNICIPALITY OF PEEL,
Per:

Name: Italia Ponce, P.Eng
Title: Project Manager

SCHEDULE A.

FLR DUTIES

A FLR will undertake amongst other things the following activities:

(a) attend at Project site when requested by the Region in accordance with this Agreement to observe, and where instructed, participate in the Field Work;

(b) review reports and supplementary materials related to the Field Work and provide any comments about potential impacts on Huron-Wendat Nation ’s rights and interests;

(c) provide regular feedback to Huron-Wendat Nation Chief and Council about the Field Work;

(d) on a monthly basis following consultation with Huron-Wendat Nation Chief and Council provide the Region written feedback from Huron-Wendat Nation which will include Huron-Wendat Nation comments and identification of interests and concerns about the Field Work; and

(e) such other activities as may be reasonably required by the Region from time to time where such activities are consistent with the activities set out under **(a) - (d)** above.

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, June 24, 2021 11:00 AM
To: Maxime Picard
Cc: Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades
Attachments: Field Liaison Representative Agreement June 17_21_HuronWendat.docx; Temporary_Electronic_Approval_FIELD LIASON_Huron-Wendat.pdf

Hi Maxime

We are planning to carry the Stage 2 Fieldwork for the Etobicoke creek Trunk Sewer Improvement and Upgrades EA in the next month or so and we wanted to reach out as you had expressed interest in attending the stage 2 field work.
As I mentioned before, there is a bit of paper work that may need to be completed in order to attend the field work. Please review the attached agreement and return it signed so that we can get this work started and I can advise my consultant to provide with the tentative date for the field work.
I have also attached the temporary electronic approval template which replaces the e-signature on the document if required. once completed with the name of the representative from Huron-Wendat Nation who is meant to sign the agreement, please send it back along with the agreement.
If you have any questions, or required additional clarification, please let me know.
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: November 17, 2020 9:18 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Subject: Re: Etobicoke Creek Trunk Sewer Improvements and Upgrades

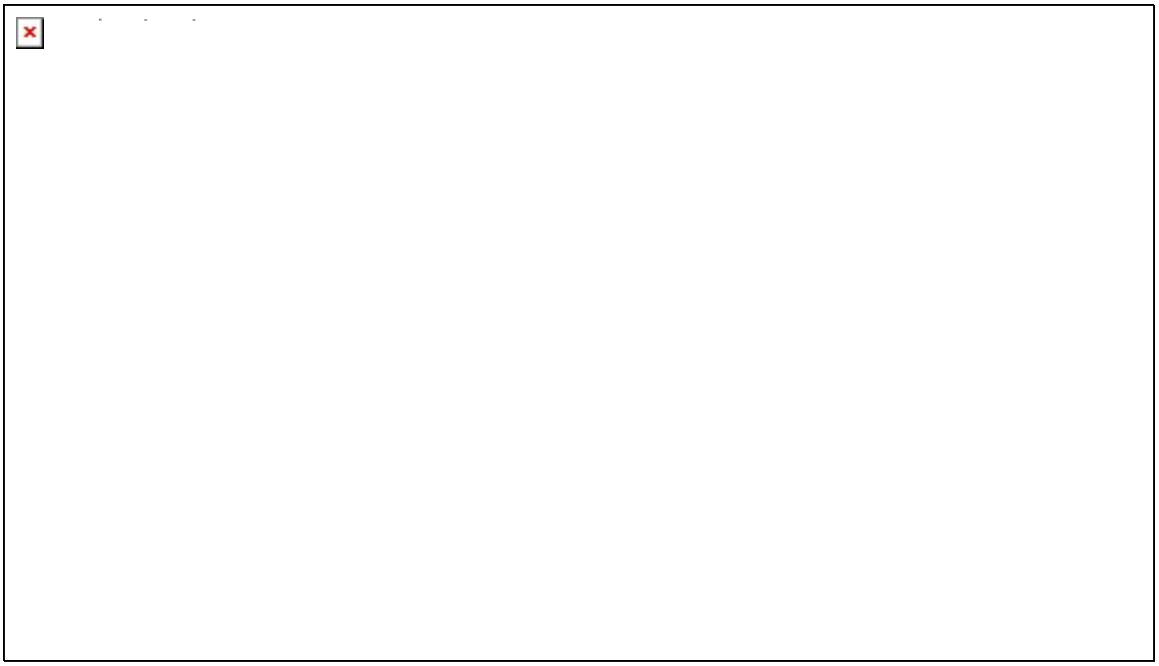
CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Well received and thanks Italia.

Please note that the Huron-Wendat Nation would appreciate to have the opportunity to participate in the upcoming Stage 2 fieldwork.

Best regards,

Maxime Picard



De: "Ponce Vanelli, Italia" <italia.ponce@peelregion.ca>
À: "Maxime Picard" <maxime.picard@cnhw.qc.ca>
Cc: "Dorin Newton, TOR" <Dorin.Newton@jacobs.com>
Envoyé: Lundi 16 Novembre 2020 14:05:46
Objet: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Maxime
I am the project manager for this environmental assessment: Etobicoke Creek Trunk Sewer improvements and Upgrades who was previously managed by Laura Borowiec. Back in Janaury she emailed you about the Stage 1 Archeological assessment which at the time wasn't completed. We have completed the Stage 1 Archeological for this project for your review. We expect to complete a stage 2 archeological studies in the new year, weather permitting in some of the areas indicated in the report. IF you have any questions, feedback and comments on the report, please do not hesitate to contact me.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9

Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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From: Borowiec, Laura
Sent: January 20, 2020 1:57 PM
To: Maxime Picard <maxime.picard@cnhw.qc.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681



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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer lmprovements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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TEMPORARY ELECTRONIC APPROVAL TEMPLATE

THE HURON WENDAT NATION	
APPROVAL DATE:	

I, (XXXXXXXXX- TITLE), confirm that I have the authorization of The Huron-Wendat Nation Nation to enter into the attached **Field Liaison Representative Participation Agreement** on behalf of the Huron-Wendat Nation with The Regional Municipality of Peel. The MHuron-Wendat Nation agrees to the terms and conditions set out in the attached Field Liaison Representative Participation Agreement. I, (XXXXXXXXX - TITLE), agree to sign all original documents with wet signatures or with an approved Region of Peel electronic signature solution once the temporary procedure has been rescinded. I, (XXXXXXXXX-TITLE), have the authority to bind the corporation.

REGIONAL MUNICIPALITY OF PEEL	
APPROVAL DATE:	

I, Italia Ponce - Project Manager Water & Wastewater Division, confirm that I have the authorization of Regional Council of The Regional Municipality of Peel to enter into the attached **Field Liaison Representative Participation Agreement** on behalf of The Regional Municipality of Peel pursuant Document Execution By-law 32-2017, as amended by By-law 6-2020. The Regional Municipality of Peel agrees to the terms and conditions set out in the attached **Field Liaison Representative Participation Agreement**. I, Italia Ponce - Project Manager Water & Wastewater Division, agree to sign all original documents with wet signatures or with an approved Region of Peel electronic signature solution once the temporary procedure has been rescinded. I, Italia Ponce - Project Manager Water & Wastewater Division have the authority to bind the corporation.

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Wednesday, June 30, 2021 10:47 AM
To: Mahood, Tom/KWO
Cc: Newton, Dorin/TOR
Subject: [EXTERNAL] FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades

FYI

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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From: Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Sent: June 30, 2021 10:04 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Valerie Janssen <Valerie.Janssen@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>
Subject: TR: Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Good morning Italia,

Thank you for your email. My colleague Valérie (cc'd) will follow up with you to coordinate our participation in this fieldwork.

Best regards,

Lori-Jeanne

ATTENTION: Please note that Maxime Picard has a new position at the Huron-Wendat Nation Council and is no longer in charge of Ontario consultations. Any new consultation from Ontario must be sent to Mario Gros-Louis (mario.groslouis@wendake.ca) and Lori-Jeanne Bolduc (lori-jeanne.bolduc@wendake.ca).

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Valérie Janssen, archaeologist (valerie.janssen@wendake.ca), Jean-François Richard (jean-francois.richard@wendake.ca) and Isabelle Lechasseur (isabelle.lechasseur@wendake.ca).

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Lori-Jeanne Bolduc, M. ATDR
Conseillère en aménagement du territoire
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2211
Courriel : lori-jeanne.bolduc@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 24 juin 2021 11:00
À : Maxime Picard <Maxime.Picard@wendake.ca>
Cc : Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Maxime

We are planning to carry the Stage 2 Fieldwork for the Etobicoke creek Trunk Sewer Improvement and Upgrades EA in the next month or so and we wanted to reach out as you had expressed interest in attending the stage 2 field work.
As I mentioned before, there is a bit of paper work that may need to be completed in order to attend the field work. Please review the attached agreement and return it signed so that we can get this work started and I can advise my consultant to provide with the tentative date for the field work.
I have also attached the temporary electronic approval template which replaces the e-signature on the document if required. once completed with the name of the representative from Huron-Wendat Nation who is meant to sign the agreement, please send it back along with the agreement.
If you have any questions, or required additional clarification, please let me know.
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: November 17, 2020 9:18 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Subject: Re: Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Well received and thanks Italia.

Please note that the Huron-Wendat Nation would appreciate to have the opportunity to participate in the upcoming Stage 2 fieldwork.

Best regards,

Maxime Picard

De: "Ponce Vanelli, Italia" <italia.ponce@peelregion.ca>
À: "Maxime Picard" <maxime.picard@cnhw.qc.ca>
Cc: "Dorin Newton, TOR" <Dorin.Newton@jacobs.com>
Envoyé: Lundi 16 Novembre 2020 14:05:46
Objet: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Maxime
I am the project manager for this environmental assessment: Etobicoke Creek Trunk Sewer improvements and Upgrades who was previously managed by Laura Borowiec. Back in Janaury she emailed you about the Stage 1 Archeological assessment which at the time wasn't completed. We have completed the Stage 1 Archeological for this project for your review. We expect to complete a stage 2 archeological studies in the new year, weather permitting in some of the areas indicated in the report. IF you have any questions, feedback and comments on the report, please do not hesitate to contact me.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division

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From: Borowiec, Laura
Sent: January 20, 2020 1:57 PM
To: Maxime Picard <maxime.picard@cnhw.qc.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681



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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>

Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer Improvements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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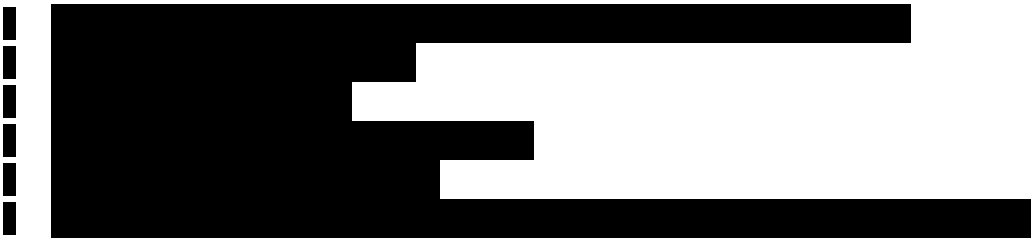
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Newton, Dorin/TOR

From: Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Sent: Wednesday, September 1, 2021 3:58 PM
To: Ponce Vanelli, Italia
Cc: Isabelle Lechasseur; Jean-Francois Richard; Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Good afternoon Italia,

We are still interested in attenting the stage 2 archaeological assessment. I was just looking at the agreement and I have some questions about it. Usually, as our monitor as to travel from Wendake to the site, we ask for a travel fee of [redacted] per kilometer. As I understand, the fieldwork will last a day. Our normal quote for a fieldwork like that would look like this :



As I was looking at the agreement, there was no amount dedicated to the meal allocation, accommodation and mileage. Does our normal rates would be approved?

Many thanks,
Marie-Sophie

De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : mercredi 1 septembre 2021 15:19
À : Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>
Cc : Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Sophie

I received the email below from Valerie regarding the contact change with respect to this project. A while back I had contacted Maxime Picard and Valerie about our Stage 2 Archeological Assessment. Maxime reviewed the Stage 1 archeological report and expressed interest in attending field investigation for Stage 2 archeological assessment. I had provided Maxime/Valerie with our Field Liaison Agreement for review and signature in order to attend the site. See attached. Please let me know if there is still interest in attending the field investigation. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.

Thanks,

Italia Ponce, P.Eng.
Project Manager

Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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From: Valerie Janssen <Valerie.Janssen@wendake.ca>
Sent: September 1, 2021 3:05 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Good afternoon Italia,

I hope you are doing well.

Following a structural change and the arrival of a new resource, I am announcing that my colleague Marie-Sophie Gendron will take care of archaeological files in Ontario for the Council of the Huron-Wendat Nation. Future correspondence can therefore be addressed to:
Marie-Sophie.Gendron@wendake.ca
isabelle.lechasseur@wendake.ca
jean-francois.richard@wendake.ca

Kind regards,

Valérie

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Marie-Sophie Gendron (Marie-Sophie.Gendron@wendake.ca), Isabelle Lechasseur (isabelle.lechasseur@wendake.ca) and Jean-François Richard (jean-francois.richard@wendake.ca).

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Valérie Janssen, M. Sc.
Analyste archéologue
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2120
Courriel : valerie.janssen@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 1 septembre 2021 13:55
À : Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc : Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Valerie

I am following up on this email as we have not received any response from you. Maxime had expressed interest in attending the Stage 2 Archeological Assessment for the above mentioned project. Unfortunately our schedule has been delayed due to some permitting issues however if you are still interested in attending the site visit, I have attached our Field Liaison Agreement for you to review and sign. Please let me know if there is still interest in attending the site visit. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.
I look forward to hearing from you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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the email. Thank you.

From: Ponce Vanelli, Italia
Sent: July 6, 2021 9:47 AM
To: Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Valerie
I am just following up on the agreement I sent June 24 to Maxime. We are planning to go out on site to do the archeological Stage 2 field investigation the week of July 19 and I know Maxime had expressed interest in attending the field investigation. We will need the agreement signed before in order for you to join us. Please let me know at you earliest convenience when we can expect the signed agreement or if you are still interested in joining us during the field investigation.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
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From: Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Sent: June 30, 2021 10:04 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Valerie Janssen <Valerie.Janssen@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>
Subject: TR: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good morning Italia,

Thank you for your email. My colleague Valérie (cc'd) will follow up with you to coordinate our participation in this fieldwork.

Best regards,

Lori-Jeanne

ATTENTION: Please note that Maxime Picard has a new position at the Huron-Wendat Nation Council and is no longer in charge of Ontario consultations. Any new consultation from Ontario must be sent to Mario Gros-Louis (mario.groslouis@wendake.ca) and Lori-Jeanne Bolduc (lori-jeanne.bolduc@wendake.ca).

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Valérie Janssen, archaeologist (valerie.janssen@wendake.ca), Jean-François Richard (jean-francois.richard@wendake.ca) and Isabelle Lechasseur (isabelle.lechasseur@wendake.ca).

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Lori-Jeanne Bolduc, M. ATDR
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Téléphone : 418-843-3767 # 2211
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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 24 juin 2021 11:00
À : Maxime Picard <Maxime.Picard@wendake.ca>
Cc : Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Maxime

We are planning to carry the Stage 2 Fieldwork for the Etobicoke creek Trunk Sewer Improvement and Upgrades EA in the next month or so and we wanted to reach out as you had expressed interest in attending the stage 2 field work.
As I mentioned before, there is a bit of paper work that may need to be completed in order to attend the field work. Please review the attached agreement and return it signed so that we can get this work started and I can advise my consultant to provide with the tentative date for the field work.
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If you have any questions, or required additional clarification, please let me know.
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: November 17, 2020 9:18 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Subject: Re: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Well received and thanks Italia.

Please note that the Huron-Wendat Nation would appreciate to have the opportunity to participate in the upcoming Stage 2 fieldwork.

Best regards,

Maxime Picard

De: "Ponce Vanelli, Italia" <italia.ponce@peelregion.ca>
À: "Maxime Picard" <maxime.picard@cnhw.qc.ca>
Cc: "Dorin Newton, TOR" <Dorin.Newton@jacobs.com>
Envoyé: Lundi 16 Novembre 2020 14:05:46
Objet: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Maxime
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Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
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Brampton ON L6T 4B9

Office: 905-791-7800 ext.4583
Cell: 647-248-3785



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From: Borowiec, Laura
Sent: January 20, 2020 1:57 PM
To: Maxime Picard <maxime.picard@cnhw.qc.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681



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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer lmprovements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario

255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Wednesday, September 1, 2021 1:55 PM
To: Valerie Janssen
Cc: Mario Gros Louis; Isabelle Lechasseur; Jean-Francois Richard; Lori-Jeanne Bolduc; Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades
Attachments: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Valerie

I am following up on this email as we have not received any response from you. Maxime had expressed interest in attending the Stage 2 Archeological Assessment for the above mentioned project. Unfortunately our schedule has been delayed due to some permitting issues however if you are still interested in attending the site visit, I have attached our Field Liaison Agreement for you to review and sign. Please let me know if there is still interest in attending the site visit. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.
I look forward to hearing from you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: Ponce Vanelli, Italia
Sent: July 6, 2021 9:47 AM
To: Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Valerie
I am just following up on the agreement I sent June 24 to Maxime. We are planning to go out on site to do the archeological Stage 2 field investigation the week of July 19 and I know Maxime had expressed interest in attending the field investigation. We will need the agreement signed before in order for you to join us. Please let me know at you earliest convenience when we can expect the signed agreement or if you are still interested in joining us during the field investigation.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
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From: Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Sent: June 30, 2021 10:04 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Valerie Janssen <Valerie.Janssen@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>
Subject: TR: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good morning Italia,

Thank you for your email. My colleague Valérie (cc'd) will follow up with you to coordinate our participation in this fieldwork.

Best regards,

Lori-Jeanne

ATTENTION: Please note that Maxime Picard has a new position at the Huron-Wendat Nation Council and is no longer in charge of Ontario consultations. Any new consultation from Ontario must be sent to Mario Gros-Louis (mario.groslouis@wendake.ca) and Lori-Jeanne Bolduc (lori-jeanne.bolduc@wendake.ca).

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Valérie Janssen, archaeologist (valerie.janssen@wendake.ca), Jean-François Richard (jean-francois.richard@wendake.ca) and Isabelle Lechasseur (isabelle.lechasseur@wendake.ca).

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Lori-Jeanne Bolduc, M. ATDR
Conseillère en aménagement du territoire
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2211
Courriel : lori-jeanne.bolduc@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 24 juin 2021 11:00
À : Maxime Picard <Maxime.Picard@wendake.ca>
Cc : Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Maxime

We are planning to carry the Stage 2 Fieldwork for the Etobicoke creek Trunk Sewer Improvement and Upgrades EA in the next month or so and we wanted to reach out as you had expressed interest in attending the stage 2 field work.
As I mentioned before, there is a bit of paper work that may need to be completed in order to attend the field work. Please review the attached agreement and return it signed so that we can get this work started and I can advise my consultant to provide with the tentative date for the field work.
I have also attached the temporary electronic approval template which replaces the e-signature on the document if required. once completed with the name of the representative from Huron-Wendat Nation who is meant to sign the agreement, please send it back along with the agreement.
If you have any questions, or required additional clarification, please let me know.
Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: November 17, 2020 9:18 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Subject: Re: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Well received and thanks Italia.

Please note that the Huron-Wendat Nation would appreciate to have the opportunity to participate in the upcoming Stage 2 fieldwork.

Best regards,

Maxime Picard

De: "Ponce Vanelli, Italia" <italia.ponce@peelregion.ca>
À: "Maxime Picard" <maxime.picard@cnhw.qc.ca>
Cc: "Dorin Newton, TOR" <Dorin.Newton@jacobs.com>
Envoyé: Lundi 16 Novembre 2020 14:05:46
Objet: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Maxime
I am the project manager for this environmental assessment: Etobicoke Creek Trunk Sewer improvements and Upgrades who was previously managed by Laura Borowiec. Back in Janaury she emailed you about the Stage 1 Archeological assessment which at the time wasn't completed. We have completed the Stage 1 Archeological for this project for your review. We expect to complete a stage 2 archeological studies in the new year, weather permitting in some of the areas indicated in the report. IF you have any questions, feedback and comments on the report, please do not hesitate to contact me.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681

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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer lmprovements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Wednesday, September 1, 2021 3:20 PM
To: Marie-Sophie.Gendron@wendake.ca
Cc: isabelle.lechasseur@wendake.ca; jean-francois.richard@wendake.ca; Newton, Dorin/TOR
Subject: [EXTERNAL] FW: Etobicoke Creek Trunk Sewer Improvements and Upgrades
Attachments: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Sophie

I received the email below from Valerie regarding the contact change with respect to this project. A while back I had contacted Maxime Picard and Valerie about our Stage 2 Archeological Assessment. Maxime reviewed the Stage 1 archeological report and expressed interest in attending field investigation for Stage 2 archeological assessment. I had provided Maxime/Valerie with our Field Liaison Agreement for review and signature in order to attend the site. See attached. Please let me know if there is still interest in attending the field investigation. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: Valerie Janssen <Valerie.Janssen@wendake.ca>
Sent: September 1, 2021 3:05 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good afternoon Italia,

I hope you are doing well.

Following a structural change and the arrival of a new resource, I am announcing that my colleague Marie-Sophie Gendron will take care of archaeological files in Ontario for the Council of the Huron-Wendat Nation. Future correspondence can therefore be addressed to:
Marie-Sophie.Gendron@wendake.ca
isabelle.lechasseur@wendake.ca
jean-francois.richard@wendake.ca

Kind regards,

Valérie

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Marie-Sophie Gendron (Marie-Sophie.Gendron@wendake.ca), Isabelle Lechasseur (isabelle.lechasseur@wendake.ca) and Jean-François Richard (jean-francois.richard@wendake.ca).

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Valérie Janssen, M. Sc.
Analyste archéologue
255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2120
Courriel : valerie.janssen@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 1 septembre 2021 13:55
À : Valerie Janssen <Valerie.Janssen@wendake.ca>
Cc : Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Valerie

I am following up on this email as we have not received any response from you. Maxime had expressed interest in attending the Stage 2 Archeological Assessment for the above mentioned project. Unfortunately our schedule has been delayed due to some permitting issues however if you are still interested in attending the site visit, I have attached our Field Liaison Agreement for you to review and sign. Please let me know if there is still interest in attending the site visit. If not, I will make sure we share the Stage 2 Archeological Assessment report once completed.
I look forward to hearing from you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
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Subject: RE: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

Hi Valerie
I am just following up on the agreement I sent June 24 to Maxime. We are planning to go out on site to do the archeological Stage 2 field investigation the week of July 19 and I know Maxime had expressed interest in attending the field investigation. We will need the agreement signed before in order for you to join us. Please let me know at you earliest convenience when we can expect the signed agreement or if you are still interested in joining us during the field investigation.

Thanks,

Italia Ponce, P.Eng.
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From: Lori-Jeanne Bolduc <Lori-Jeanne.Bolduc@wendake.ca>
Sent: June 30, 2021 10:04 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Mario Gros Louis <Mario.GrosLouis@wendake.ca>; Valerie Janssen <Valerie.Janssen@wendake.ca>; Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>
Subject: TR: Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Good morning Italia,

Thank you for your email. My colleague Valérie (cc'd) will follow up with you to coordinate our participation in this fieldwork.

Best regards,

Lori-Jeanne

ATTENTION: Please note that Maxime Picard has a new position at the Huron-Wendat Nation Council and is no longer in charge of Ontario consultations. Any new consultation from Ontario must be sent to Mario Gros-Louis (mario.groslouis@wendake.ca) and Lori-Jeanne Bolduc (lori-jeanne.bolduc@wendake.ca).

For inquiries relating specifically to archaeology (fieldwork planning, monitoring, reports review, etc.), please contact Valérie Janssen, archaeologist (valerie.janssen@wendake.ca), Jean-François Richard (jean-francois.richard@wendake.ca) and Isabelle Lechasseur (isabelle.lechasseur@wendake.ca).

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Lori-Jeanne Bolduc, M. ATDR
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Téléphone : 418-843-3767 # 2211
Courriel : lori-jeanne.bolduc@wendake.ca

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De : Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Envoyé : 24 juin 2021 11:00
À : Maxime Picard <Maxime.Picard@wendake.ca>
Cc : Dorin Newton, TOR <Dorin.Newton@jacobs.com>
Objet : RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hi Maxime

We are planning to carry the Stage 2 Fieldwork for the Etobicoke creek Trunk Sewer Improvement and Upgrades EA in the next month or so and we wanted to reach out as you had expressed interest in attending the stage 2 field work. As I mentioned before, there is a bit of paper work that may need to be completed in order to attend the field work. Please review the attached agreement and return it signed so that we can get this work started and I can advise my consultant to provide with the tentative date for the field work.
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If you have any questions, or required additional clarification, please let me know.
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Subject: Re: Etobicoke Creek Trunk Sewer lmprovements and Upgrades

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Well received and thanks Italia.

Please note that the Huron-Wendat Nation would appreciate to have the opportunity to participate in the upcoming Stage 2 fieldwork.

Best regards,

Maxime Picard

De: "Ponce Vanelli, Italia" <italia.ponce@peelregion.ca>
À: "Maxime Picard" <maxime.picard@cnhw.qc.ca>
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Objet: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Hello Maxime
I am the project manager for this environmental assessment: Etobicoke Creek Trunk Sewer improvements and Upgrades who was previously managed by Laura Borowiec. Back in Janaury she emailed you about the Stage 1 Archeological assessment which at the time wasn't completed. We have completed the Stage 1 Archeological for this project for your review. We expect to complete a stage 2 archeological studies in the new year, weather permitting in some of the areas indicated in the report. IF you have any questions, feedback and comments on the report, please do not hesitate to contact me.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

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From: Borowiec, Laura
Sent: January 20, 2020 1:57 PM
To: Maxime Picard <maxime.picard@cnhw.qc.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>; Jones, Lee Anne/TOR <LeeAnne.Jones@jacobs.com>; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: RE: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Good afternoon Maxime,

Thank you for your email and your interest in our Class EA for the Etobicoke Creek Trunk Sewer Improvements and Upgrades.

Please see attached the baseline archaeological reports completed so far as part of this Class EA study.

Should you have any questions, please do not hesitate to contact me.

Thanks and regards,

Laura Borowiec, P.Eng.
Project Manager, Infrastructure Planning & Asset Management, Growth and Water Resources
Region of Peel
10 Peel Centre Drive, Suite A (4th Floor)
Brampton, ON L6T 4B9
905-791-7800 Ext. 7681



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From: Maxime Picard <maxime.picard@cnhw.qc.ca>
Sent: January 13, 2020 1:58 PM
To: Borowiec, Laura <laura.borowiec@peelregion.ca>
Cc: 'Catherine Dupont' <catherine.dupont@cnhw.qc.ca>
Subject: Etobicoke Creek Trunk Sewer Improvements and Upgrades

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Good afternoon Laura,

This is to acknowledge reception of the attached letter on the Etobicoke Creek Trunk Sewer Improvements and Upgrades Project.

Could you please provide us with the archaeological reports that have done to date on the project ?

Thanks and best regards,

Maxime Picard

NATION HURONNE-WENDAT
Bureau du Nionwentsïo

Maxime Picard, B. Sc. A.
Coordonnateur de projets - Ontario

255, Place Chef Michel-Laveau
Wendake (Qc) G0A 4V0
Téléphone : 418-843-3767 # 2105
Courriel : maxime.picard@cnhw.qc.ca

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The consultation process

Under provincial environmental laws, you must consult with First Nation and Métis communities during the environmental assessment process.

The nature of consultation will vary depending on the project.

Sometimes, First Nation and Métis communities will be consulted based on interests; other times, a project might impact established or asserted Aboriginal rights of First Nations or Métis communities.

As a proponent, you have an important and direct role in the consultation process.

Where the Crown's duty to consult is triggered, procedural aspects of rights-based consultation are delegated to the proponent. This means that the Crown delegates some activities of consultation to the proponent to carry out.

Proponents should discuss with each identified and potentially affected First Nation and Métis community how to prevent or mitigate any potential adverse effects a proposed project may have on their Aboriginal or treaty rights, established or asserted.

Identifying Indigenous communities

Make an initial list

As a first step, make a list of First Nations and Métis communities that may have an interest in, or potentially be affected by, the project.

The list should be based on:

- potential adverse impacts from your proposed project to the environment where Aboriginal or treaty rights may be exercised
- information related to historic Aboriginal occupation found on the Ministry of Indigenous Relations and Reconciliation (MIRR) and Indigenous and Northern Affairs Canada (INAC) websites
- current land claims and land-related negotiations listed on provincial and federal government websites
- reserves that are in close proximity to the project area (you can find information through sources such as the Aboriginal Communities and

Friendship Centres in Google Earth and the Aboriginal and Treaty Rights Information System (ATRIS))
- Chiefs of Ontario website which provides a directory of contact information for all First Nations and Chiefs and map of the location of Ontario First Nations communities in Ontario
- results of any information in any known archaeological assessments
- review of Historic Treaties, Treaty Guides and map of Historical Indian Treaties
- information about Métis communities available on the Métis Nation of Ontario website or through the Ministry of Indigenous Relations and Reconciliation

How Indigenous Affairs and Northern Affairs Canada can help

You can now search a new online system called the Aboriginal and Treaty Rights Information System (ATRIS) to find the location and nature of established and potential Aboriginal and Treaty Rights.

Search the Aboriginal and Treaty Rights Information System.

What's involved

When consulting with the Indigenous communities identified, the proponent should:

- contact First Nation communities through the Chief and Band Council or Métis communities through their elected leadership to inform them of the proposed project
- notify the communities of open houses and meetings
- provide the communities with project documentation and other information
- respond clearly to questions or concerns from communities about project impacts
- notify the Crown if rights are raised
- notify the Crown if consultation efforts stall
- follow any other requirements for Aboriginal consultation in the transit, waste or electricity regulations, class environmental assessments and various Ministry of the Environment and Climate Change codes of practice and guidelines

Documenting consultation

Proponents need to document:

- how Indigenous communities were identified and consulted
- what issues, if any, were raised
- how those issues were avoided, prevented, mitigated or addressed

Notifying the Crown (Ontario Government)

As a proponent, you must notify the Ministry of the Environment and Climate Change:

- if a project could adversely affect an Aboriginal or treaty right
- where consultation stalls
- if a Part II Order request is anticipated

Depending on the circumstances, the Crown may become involved directly or indirectly in the consultation process.

How to notify us

Send an email and use the subject line: Potential Duty to Consult.

Or send a notice by mail to:

Director, Environmental Assessment and Permissions Branch
Ministry of the Environment and Climate Change
135 St. Clair Ave West, 1st floor
Toronto, Ontario
M4V 1P5

If it is found that the Crown has a duty to consult, the Ministry of the Environment and Climate Change will work with the proponent to help ensure the duty is fulfilled prior to making any project decisions.

Relatedinformation

Duty to Consult with Aboriginal peoples

Aboriginal consultation guidelines for ministries

Preparing environmental assessments

Terms Commonly Used in Ontario Environmental Assessments

Aboriginal and Treaty Rights Information System

Ministry of Indigenous Affairs

Newton, Dorin/TOR

From: Blake Williams <bwilliams@asiheritage.ca>
Sent: Monday, November 8, 2021 3:15 PM
To: Adrian Blake; field.coordinator@mncfn.ca
Cc: Newton, Dorin/TOR; Mahood, Tom/KWO
Subject: [EXTERNAL] ECTS Fieldwork Nov 15-16
Attachments: ECTS_ParkingLocation.jpg

Hi Adrian and Marlene,

Here is the information for Etobicoke Creek Trunk Sewer Project, ASI file 20EA-212. It is my understanding that the Region of Peel has an agreement signed with MCFN.

Start Date: November 15
# of days anticipated for fieldwork: 2
Start Time: 8 AM
Consultant Company: ASI
Field Director(s) and Cell Phone(s): FD is Brandon Reimer 647-549-0676
Stage of Fieldwork: 2
Borden Number (if applicable): There is a Woodland site ("Sniper" Site) AkGw-79 within 300 m of one of the work area. This site was subjected to 37 sq m units excavated and 400 sq m of machine stripping in the 90s. No comments on if further work is recommended.
Required PPE: High viz vest, steel toed boots and COVID PPE like masks, hand sanitizer etc
Meeting Location Address: Police Credit Unit at 7725 Kennedy Road as parking looks dangerous along Kennedy. See attached parking map.
Size of Field Crew: 3

Please send over the name of the FLR and their cell phone number when you can. We look forward to working with you on this project!

Thanks,

Blake Williams (He/Him)**, MLitt**
Lead Archaeologist | Project Manager • Environmental Assessment Division
Cell: 647-216-5725

ASI • Providing Archaeological & Cultural Heritage Services
BWilliams@asiheritage.ca • 416 966 1069 x 258 • Fax: 416 966 9723
528 Bathurst Street, Toronto, Ontario, M5S 2P9 • asiheritage.ca

From: SUN Hongxia <Susan.SUN@HydroOne.com> on behalf of SECONDARY LAND USE Department <Department.SecondaryLandUse@hydroone.com>
Sent: Friday, May 27, 2022 10:28:36 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: SECONDARY LAND USE Department <Department.SecondaryLandUse@hydroone.com>
Subject: Hydro One Response: 20220527-NoticeOfPIC2-Etobicoke Creek Trunk Sewer Improvements and Upgrades

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Please see the attached for Hydro One's Response.

Hydro One Networks Inc
SecondaryLandUse@HydroOne.com

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Hydro One Networks Inc.
483 Bay Street
8th Floor South Tower
Toronto, Ontario M5G 2P5
HydroOne.com

May 27, 2022

Re: Etobicoke Creek Trunk Sewer Improvements and Upgrades

Attention:
Italia Ponce, P.Eng.
Project Manager

Thank you for sending us notification regarding (Etobicoke Creek Trunk Sewer Improvements and Upgrades). In our assessment, we have confirmed that Hydro One has existing high voltage Transmission facilities within your study area, but we have no comments regarding the PIC#2 updates.

At this time we do not have sufficient information to comment on the potential resulting impacts that your project may have on our infrastructure. As such, we must stay informed as more information becomes available so that we can advise if any of the alternative solutions present actual conflicts with our assets, and if so; what resulting measures and costs could be incurred by the proponent. Note that this response does not constitute approval for your plans and is being sent to you as a courtesy to inform you that we must continue to be consulted on your project.

In addition to the existing infrastructure mentioned above, the applicable transmission corridor may have provisions for future lines or already contain secondary land uses (e.g., pipelines, watermains, parking). Please take this into consideration in your planning.

Also, we would like to bring to your attention that should (Etobicoke Creek Trunk Sewer Improvements and Upgrades) result in a Hydro One station expansion or transmission line replacement and/or relocation, an Environmental Assessment (EA) will be required as described under the Class Environmental Assessment for Minor Transmission Facilities (Hydro One, 2016). This EA process would require a minimum of 6 months for a Class EA Screening Process (or up to 18 months if a Full Class EA were to be required) to be completed. Associated costs will be allocated and recovered from proponents in accordance with the Transmission System Code. If triggered, Hydro One will rely on studies completed as part of the EA you are current undertaking.

Consulting with Hydro One on such matters during your project's EA process is critical to avoiding conflicts where possible or, where not possible, to streamlining processes (e.g., ensuring study coverage of expansion/relocation areas within the current EA). Once in receipt of more specific project information regarding the potential for conflicts (e.g., siting, routing), Hydro One will be in a better position to communicate objections or not objections to alternatives proposed.

If possible at this stage, please formally confirm that Hydro One infrastructure and associated rights-of-way will be completely avoided, or if not possible, allocate appropriate lead-time in your

project schedule to collaboratively work through potential conflicts with Hydro One, which ultimately could result in timelines identified above.

In planning, note that developments should not reduce line clearances or limit access to our infrastructure at any time. Any construction activities must maintain the electrical clearance from the transmission line conductors as specified in the Ontario Health and Safety Act for the respective line voltage.

Be advised that any changes to lot grading or drainage within, or in proximity to Hydro One transmission corridor lands must be controlled and directed away from the transmission corridor.

Please note that the proponent will be held responsible for all costs associated with modifications or relocations of Hydro One infrastructure that result from your project, as well as any added costs that may be incurred due to increased efforts to maintain said infrastructure.

We reiterate that this message does not constitute any form of approval for your project. Hydro One must be consulted during all stages of your project. Please ensure that all future communications about this and future project(s) are sent to us electronically to secondarylanduse@hydroone.com

Sent on behalf of,

Secondary Land Use
Asset Optimization
Strategy & Integrated Planning
Hydro One Networks Inc.

Newton, Dorin/TOR

From: Eastern Region Crossing <est.reg.crossing@enbridge.com>
Sent: Friday, December 4, 2020 11:06 AM
To: Newton, Dorin/TOR
Subject: [EXTERNAL] RE: Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

Enbridge Pipelines Inc. (crude oil division) does not have assets in the area.

From: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Sent: Thursday, November 26, 2020 2:50 PM
Cc: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: [External] Notice of Online Public Engagement #1: Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class EA

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

Good afternoon,

The Region of Peel is continuing to undertake the Etobicoke Creek Trunk Sewer Improvements and Upgrades Schedule 'C' Municipal Class Environmental Assessment (EA) Study. The Region has identified a preliminary preferred alternative and would like to confirm this with input from the public and stakeholders. Please see attached Notice for details on how to access the Region's *Online Public Engagement* material.

Please direct any comments to Italia Ponce, copied on this email. Comments will be received until December 11, 2020.

Thank you,

Dorin Newton, P.Eng., M.Eng. | Jacobs | Engineering

On behalf of:

Italia Ponce, P.Eng.
Project Manager
Region of Peel
905-791-7800 Ext. 4583
italia.ponce@peelregion.ca

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Monday, December 7, 2020 11:53 AM
To: [redacted]
Cc: Newton, Dorin/TOR; Jones, Lee Anne/TOR
Subject: [EXTERNAL] RE: Etobicoke Creek Trunk Sewer Improvements and upgrades feedback

Hello [redacted]
Thank you for your message. I always appreciate receiving messages from residents with feedback regarding our projects. It not only shows interest on our project but also it shows the pride community members have on their community and environment. As we approach phase 3 of the environmental assessment process, we will have a better idea of the impact we will have on the features of the study area. We recognized specially during these circumstance, trails and parks are important features to a community and want to make sure that the construction of these key infrastructure has the least impact on those. Enhancements to the trail and possible parking areas where construction staging would take place, are great suggestions that will benefit the community as a whole and encourage others to visit the trail. I will forward these comments to our consultant so that we can discuss these with City of Mississauga, City of Brampton and conservation authorities and look at opportunities along the route where this can be incorporated.
Thank you again. Please feel free to contact me anytime should you have any questions about the project. We will add your name to our contact list for future updates.

Regards,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: [redacted]
Sent: December 5, 2020 8:43 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: Etobicoke Creek Trunk Sewer Improvements and upgrades feedback

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Hello Italia:

I read with interest the Public Notice in the Nov 26, 2020 Brampton Guardian.

Thanks for sharing / posting the information in the local paper.

I agree with the Deep Trunk Most Preferred route, nicely stated in the Summary Score of Alternatives.

On a personal note, I enjoy walking and biking along the Etobicoke Creek, and really appreciate the work the Cities, Region, and the TRCA recently did in connecting the existing trails together. I did work in Mississauga for a couple of years, and enjoyed cycling along the route to get to work. It is unfortunate the the work under Highway 401 has taken so long. Good things are worth waiting for.

My suggestion is, "please factor in any possible recreation trail enhancements to any work performed on the route along the Truck Sewer " on what ever route is ultimately chosen.

A another suggestion would be to add or leave some public parking at various points along the route, by possibly converting some of construct staging areas to public parking once the truck sewer improvements and upgrades are completed.

Please include me in any future updates, or progress reports.

Thanks again, and regards.

[redacted]

[redacted]

Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Wednesday, April 6, 2022 3:29 PM
To: [redacted]
Cc: Newton, Dorin/TOR; [redacted]
Subject: [EXTERNAL] RE: Status of EA Study

Hi [redacted]

We are hoping to start detailed design right after the EA is complete Summer/Fall 2022, property acquisition will take place likely in 2023 and if there is no delays and everything goes well, construction will start in 2024 at the earliest.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: [redacted]
Sent: April 6, 2022 2:52 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; [redacted]
Subject: RE: Status of EA Study

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Hi Italia,

Thanks for your quick reply. I appreciate the update on the project.

I am curious to know what the anticipated timing for construction is? I understand that you're just about to hold your second PIC for the EA, but a rough estimate is good enough.

Thank you,

[redacted]

[redacted]

[redacted]

[redacted]

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: April 5, 2022 4:00 PM
To: [redacted]
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: Re: Status of EA Study

Hi [redacted]

I am assuming you are speaking about the Etobicoke Creek trunk sewer EA. My apologies as the form submitted does not include the name of the project.

Thank you for your interest in the project. Unfortunately, we have experienced some delays with respect to some of the detailed investigations and permits that were required as part of Phase 3 of the EA process. Moving forward however, we are about to hold our second public meeting (expected mid/end of May) where we will be presenting the preferred design option for the preferred solution, that is the method of construction that will be used for the preferred alignment.

I have copied our consultant in this email as well so that we can store your information and send any future updates directly to you. We will be updating the information on the website soon.
However, If you have any other questions or require additional information, please reach out.

Thanks again,

Italia Ponce, P. Eng.
Project Manager
Region of Peel - Water & Wastewater Division
Public Works
905-791-7800 ext 4583
647-248-3785

From: [redacted]
Sent: Tuesday, April 5, 2022 3:02:45 PM

To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: Status of EA Study

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[redacted]

[redacted]

[redacted]

The message was submitted through an Automated Email Service on Peel's Website
Tue Apr 5 15:01:23 2022:

Hi Italia,

After review of the City's website, I see that there has not been an update on the status of the EA since November 2020. Could you kindly provide an update on the status of the EA? I am inquiring on behalf of a developer within the study area.

Thank you,
[redacted]

It is the Region of Peel's policy to reply to e-mails within two working days.

For assistance, please contact the webmaster@peelregion.ca

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Wednesday, April 13, 2022 3:45 PM
To: [redacted]
Cc: [redacted] Newton, Dorin/TOR; [redacted]
Subject: [EXTERNAL] RE: Status of EA Study
Attachments: RE: Status of EA Study

See mail attached sent April 6

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
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From: [redacted]
Sent: April 13, 2022 2:26 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: [redacted] Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; [redacted]
Subject: RE: Status of EA Study

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hi Italia,

Following-up on my email below. Do you have an estimate for construction timing that you could share?

We're also wondering if you would be able to share information about the preferred design solution with us? Specifically – preliminary design drawings and proposed sewer capacity information.

Thank you,

[redacted]

[redacted]

From: [redacted]
Sent: April 6, 2022 2:52 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; [redacted]
Subject: RE: Status of EA Study

Hi Italia,

Thanks for your quick reply. I appreciate the update on the project.

I am curious to know what the anticipated timing for construction is? I understand that you're just about to hold your second PIC for the EA, but a rough estimate is good enough.

Thank you,

[redacted]

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: April 5, 2022 4:00 PM
To: [redacted]
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: Re: Status of EA Study

Hi [redacted]

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I have copied our consultant in this email as well so that we can store your information and send any future updates directly to you. We will be updating the information on the website soon.
However, If you have any other questions or require additional information, please reach out.

Thanks again,

Italia Ponce, P. Eng.
Project Manager
Region of Peel - Water & Wastewater Division
Public Works
905-791-7800 ext 4583
647-248-3785

From: [redacted]
Sent: Tuesday, April 5, 2022 3:02:45 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: Status of EA Study

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Web Form Title :: [redacted]

This email was sent by the following person. Please reply to them:

[redacted]

The message was submitted through an Automated Email Service on Peel's Website
Tue Apr 5 15:01:23 2022:

Hi Italia,

After review of the City's website, I see that there has not been an update on the status of the EA since November 2020. Could you kindly provide an update on the status of the EA? I am inquiring on behalf of a developer within the study area.

Thank you,
[redacted]

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For assistance, please contact the webmaster@peelregion.ca

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Newton, Dorin/TOR

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, April 14, 2022 11:37 AM
To: [redacted]
Cc: [redacted] Newton, Dorin/TOR; [redacted]
Subject: [EXTERNAL] RE: Status of EA Study

Hi [redacted]
We are in the process of preparing the material for PIC 2 which will provide the preferred design solution for the preferred alignment. However you can check the material presented at PIC 1 which shows the preferred alignment: a deep trunk sewer along the Etobicoke Creek.
I have attached the link to the presentation boards for reference. Let me know if that helps. Otherwise I will share the material for PIC 2 once we have finalized it.
Schedule 'C' Municipal Class EA: Etobicoke Creek Trunk Sewer Improvements and Upgrades (peelregion.ca)

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

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From: [redacted]
Sent: April 14, 2022 8:43 AM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: [redacted] Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; [redacted]
Subject: RE: Status of EA Study

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hi Italia,

Thank you for re-sending that email. I had misplaced it.

Let me know if you would be able to share information about the preferred design solution with us.

Thank you,

[redacted]

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: April 13, 2022 3:45 PM
To: [redacted]
Cc: [redacted]; Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; [redacted]
Subject: RE: Status of EA Study

See mail attached sent April 6

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
Office: 905-791-7800 ext.4583
Cell: 647-248-3785

Region of Peel
working with you

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From: [redacted]
Sent: April 13, 2022 2:26 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: [redacted] Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; [redacted]
Subject: RE: Status of EA Study

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hi Italia,

Following-up on my email below. Do you have an estimate for construction timing that you could share?

We're also wondering if you would be able to share information about the preferred design solution with us? Specifically – preliminary design drawings and proposed sewer capacity information.

Thank you,

[redacted]

From: [redacted]
Sent: April 6, 2022 2:52 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>; [redacted]
Subject: RE: Status of EA Study

Hi Italia,

Thanks for your quick reply. I appreciate the update on the project.

I am curious to know what the anticipated timing for construction is? I understand that you're just about to hold your second PIC for the EA, but a rough estimate is good enough.

Thank you,

[redacted]

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: April 5, 2022 4:00 PM
To: [redacted]
Cc: Newton, Dorin/TOR <Dorin.Newton@jacobs.com>
Subject: Re: Status of EA Study

Hi [redacted]

I am assuming you are speaking about the Etobicoke Creek trunk sewer EA. My apologies as the form submitted does not include the name of the project.

Thank you for your interest in the project. Unfortunately, we have experienced some delays with respect to some of the detailed investigations and permits that were required as part of Phase 3 of the EA process. Moving forward however, we are about to hold our second public meeting (expected mid/end of May) where we will be presenting the preferred design option for the preferred solution, that is the method of construction that will be used for the preferred alignment.

I have copied our consultant in this email as well so that we can store your information and send any future updates directly to you. We will be updating the information on the website soon.
However, If you have any other questions or require additional information, please reach out.

Thanks again,

Italia Ponce, P. Eng.
Project Manager
Region of Peel - Water & Wastewater Division
Public Works
905-791-7800 ext 4583
647-248-3785

From: [redacted]
Sent: Tuesday, April 5, 2022 3:02:45 PM
To: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Subject: Status of EA Study

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Web Form Title :: [redacted]

This email was sent by the following person. Please reply to them:

[redacted]

The message was submitted through an Automated Email Service on Peel's Website
Tue Apr 5 15:01:23 2022:

Hi Italia,

After review of the City's website, I see that there has not been an update on the status of the EA since November 2020. Could you kindly provide an update on the status of the EA? I am inquiring on behalf of a developer within the study area.

Thank you,
[redacted]

It is the Region of Peel's policy to reply to e-mails within two working days.

For assistance, please contact the webmaster@peelregion.ca

:: NOTE ABOUT CONTACT INFORMATION ::
Contact information can be forged. There is no way to accurately verify a person's name and email address on the Internet.

Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:31 PM
To: [redacted]
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
The Region of Peel is undertaking a **Schedule C Municipal Class Environmental Assessment (EA) Study under project "Etobicoke Creek Trunk Sewer Improvements and Upgrades"** to identify, develop and implement a solution to address future capacity needs and existing sanitary sewer issues in the Etobicoke Creek Trunk Sanitary Sewer, from Kennedy Road to south of Highway 407 in the City of Brampton and City of Mississauga. The Etobicoke Creek Trunk Sewers service a large area extending north of Mayfield Road, which is projected to grow by approximately 40 percent. Therefore, this study is to ensure reliable sanitary service is provided to existing and future growth in this area.

We have completed Phase 1-3 of the Municipal Class EA process and have prepared the **draft Environmental Study Report (ESR)**. The draft ESR summarizes the activities undertaken to date through Phases 1-3. The intent of this email is to provide you with the Draft Environmental Study Report for review, and to seek your input and comments.

Please kindly submit comments on the Draft ESR by **Monday January 9, 2023** to italia.ponce@peelregion.ca. To assist the project team in maintaining the project schedule please advise in advance if you are unable to provide comments by this date.
The Draft ESR will be available at the following website:
https://www.dropbox.com/sh/kt4yj72356updj4/AABMMqCRypztySWAtjwPMo2za?dl=0

We look forward to hearing from you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
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Brampton ON L6T 4B9
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Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:33 PM
To: [redacted]
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

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We look forward to hearing from you.

Thanks,

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Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:32 PM
To: [redacted]
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
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Newton, Dorin

From: Ponce Vanelli, Italia <italia.ponce@peelregion.ca>
Sent: Thursday, December 1, 2022 2:28 PM
To: [redacted]
Cc: Newton, Dorin
Subject: [EXTERNAL] Draft Environmental Study Report (ESR) Etobicoke Creek Trunk Improvements and Upgrades

Good Afternoon,
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We look forward to hearing form you.

Thanks,

Italia Ponce, P.Eng.
Project Manager
Infrastructure Planning- Water & Wastewater Division
Region of Peel
10 Peel Centre Dr. Suite A – 4th Floor
Brampton ON L6T 4B9
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Thanks,

Italia Ponce, P.Eng.
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