



Waterdown to Finch General Inquiries  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

**VIA COURIER, EMAIL and RESS**

April 2, 2019

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
2300 Yonge Street  
Suite 2700  
Toronto, ON M4P 1E4

**Re: Imperial Oil Limited ("Imperial")  
Ontario Energy Board ("Board") File No.: EB-2019-0007  
Waterdown to Finch Project – Updated Evidence – Exhibit C Figure 2.2-1 and Exhibit E**

Dear Ms. Walli:

Further to Imperial's Leave to Construct application filing for the Waterdown to Finch Project (the "Project"), please accept the following updated evidence to Exhibit C and Exhibit E.

- Exhibit C Purpose, Need, Proposed Project and Timing, Tab 1, Schedule 2, revised Figure 2.2-1 Waterdown to Finch Project Overview showing kilometre post ("KP") distance markers; and
- Exhibit E Project, Tab 1, Schedule 3 updated Table 3-1 and 3-2 design specifications.

The attached updated evidence of Exhibit C, Figure 2.2-1 and Exhibit E is to replace the versions filed on February 22, 2019 in Imperial's Application submission to the Board.

Two hard copies of the updated Exhibit C, Figure 2.2-1 and Exhibit E will be sent via courier to the Board.

Should you have any questions about the updated evidence, please do not hesitate to contact me.

Yours truly,

*<original signed>*

Jessie Malone  
Environmental and Regulatory Lead

c.c.: Zora Crnojacki, OPCC Chair – Ontario Energy Board



Waterdown to Finch General Inquiries  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

**VIA COURIER, EMAIL and RESS**

March 15, 2019

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
2300 Yonge Street  
Suite 2700  
Toronto, ON M4P 1E4

**Re: Imperial Oil Limited ("Imperial")  
Ontario Energy Board ("Board") File No.: EB-2019-0007  
Waterdown to Finch Project – Updated Evidence – Exhibit B Letters of Support & Exhibit C  
Purpose, Need, Proposed Project and Timing**

Dear Ms. Walli:

Further to Imperial's Leave to Construct application filing for the Waterdown to Finch Project (the "Project"), please accept the following updated evidence to Exhibit B and Exhibit C.

- Exhibit B, Tab 1, Schedule 13, Letter from the Flamborough Chamber of Commerce;
- Exhibit C, Tab 1, Schedule 1, amended text to describe the purpose and need for the project; and
- Exhibit C, Tab 1, Schedule 3, inclusion of Figure 1-1 Sarnia Products Pipeline ("SPPL") Network.

The attached updated evidence of Exhibit B and Exhibit C is to replace the versions filed on February 22, 2019 in Imperial's Application submission to the Board.

Two hard copies of the updated Exhibit B and Exhibit C will be sent via courier to the Board.

Should you have any questions about the updated evidence, please do not hesitate to contact me.

Yours truly,

*<original signed>*

Jessie Malone  
Environmental and Regulatory Lead

c.c.: Zora Crnojacki, OPCC Chair – Ontario Energy Board



Waterdown to Finch General Inquiries  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

**VIA COURIER and USB**

February 22, 2019

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
2300 Yonge Street  
Suite 2700  
Toronto, ON M4P 1E4

**Re: Imperial Oil Limited ("Imperial")  
Ontario Energy Board ("Board") File No.: EB-2019-0007  
Waterdown to Finch Project – Application for Leave to Construct**

Dear Ms. Walli:

Please accept this letter and evidence to the Ontario Energy Board of Imperial Oil Limited's Leave to Construct application filing for the Waterdown to Finch Project (the "Project"). The Project involves the installation of the Waterdown to Finch segment of the Sarnia Products Pipeline (SPPL).

Imperial's SPPL is important infrastructure that provides products used by households and businesses across the Greater Toronto and Hamilton Area (GTHA). This includes a significant portion of jet fuel for Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the GTHA region.

To support continued safe, reliable, and environmentally responsible transportation of products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of 12-inch diameter pipeline and associated infrastructure between Imperial's pump station in rural Hamilton (Waterdown Pump Station) and its terminal storage facility in Toronto's North York area (Finch Storage Terminal).

Due to the large file size, enclosed is an USB containing an electronic copy of this letter and application for Leave to Construct.

In accordance with the Board's direction, the redacted version of the exhibit item below is included in the application submission. A confidential hard copy of the exhibit item below has been provided to the Board under separate cover.

- Exhibit F Land Matters, Tab 1, Schedule 6

Two hard copies of the application filing will follow.

Should you have any questions about the Project, please do not hesitate to contact me.

Yours truly,

*Original signed*

Jessie Malone  
Environmental and Regulatory Lead

# Waterdown to Finch Project

Application for Leave to Construct



## **EXHIBIT A      GENERAL**

## 1. ACRONYMS AND ABBREVIATIONS

Terminology used in this document is defined where it is first used. The following list will assist readers who may choose to review only portions of the document.

<b>ac</b>	acres
<b>CA</b>	Conservation Authority
<b>CH</b>	Conservation Halton
<b>CHER</b>	Cultural heritage evaluation report
<b>CHVI</b>	Cultural heritage value or interest
<b>CHL</b>	Cultural heritage landscapes
<b>CSA</b>	Canadian Standards Association
<b>CVC</b>	Credit Valley Conservation Authority
<b>DFO</b>	Fisheries and Oceans Canada
<b>ECCC</b>	Environment and Climate Change Canada
<b>ER</b>	Environmental Report
<b>ERM</b>	ERM Consultants Canada Ltd.
<b>ETWS</b>	Extra temporary workspace
<b>ft</b>	foot
<b>ha</b>	hectares
<b>HCA</b>	Hamilton Conservation Authority
<b>HCCC/ HDI</b>	Six Nations Haudenosaunee Confederacy Chiefs Council/ Haudenosaunee Development Institute
<b>HDB</b>	Horizontal directional boring
<b>HDD</b>	Horizontal directional drilling
<b>HONI</b>	Hydro One Networks Inc.
<b>HWN</b>	Huron-Wendat Nation
<b>IO</b>	Infrastructure Ontario
<b>km</b>	kilometre
<b>KP</b>	Kilometre post
<b>LSA</b>	Local study area
<b>LTC</b>	Leave to Construct

<b>m</b>	metre
<b>MMA</b>	Ministry of Municipal Affairs
<b>MECP</b>	Ministry of Environment, Conservation and Parks
<b>MENDM</b>	Ministry of Energy, Northern Development and Mines
<b>MGCS</b>	Ministry of Government and Consumer Services
<b>mi</b>	miles
<b>MLV</b>	Mainline valves
<b>MCFN</b>	Mississaugas of the Credit First Nation
<b>MNRF</b>	Ministry of Natural Resources and Forestry
<b>MNO</b>	Métis Nation of Ontario
<b>MOI</b>	Ministry of Infrastructure
<b>MOP</b>	Maximum operating pressure
<b>MPa</b>	megapascal
<b>MTCS</b>	Ministry of Tourism, Culture, and Sport
<b>MTO</b>	Ministry of Transportation
<b>NEC</b>	Niagara Escarpment Commission
<b>NPS</b>	Nominal Pipe Size
<b>OEB</b>	Ontario Energy Board
<b>OMAFRA</b>	Ministry of Agriculture, Food and Rural Affairs
<b>OHA</b>	<i>Ontario Heritage Act</i> . R.S.O. 1990 c. N.2.
<b>OPCC</b>	Ontario Pipeline Coordinating Committee
<b>PSWs</b>	Provincially significant wetlands
<b>psi</b>	Pound force per square inch
<b>ROW</b>	Right(s)-of-way
<b>RSA</b>	Regional study area
<b>SAR</b>	Species at risk
<b>SARA</b>	<i>Species at Risk Act</i>
<b>SARO</b>	Species at risk in Ontario
<b>SMYS</b>	Specified minimum yield strength

<b>SN</b>	Six Nations of the Grand River
<b>SPPL</b>	Sarnia products pipeline
<b>TC</b>	Transport Canada
<b>TRCA</b>	Toronto and Region Conservation Authority
<b>TSSA</b>	Technical Standards and Safety Authority
<b>TWS</b>	Temporary workspace
<b>UPI</b>	Universal Pegasus International
<b>WFP</b>	Waterdown to Finch Project

## 2. EXHIBIT LIST

### *Exhibit A: General*

Exhibit	Tab	Schedule	Description
A	1	1	Acronyms and abbreviations
	1	2	Exhibit list
	1	3	Application and approval requested
	1	4	Map of project
	1	5	OPCC distribution list from OEB
	1	6	List of interested parties

### *Exhibit B: Letters of Support/u1*

Exhibit	Tab	Schedule	Description
B	1	1	Introductory summary
	1	2	Letter of support – Canadian Council for Aboriginal Business
	1	3	Letter of support – Canadian Fuels Association
	1	4	Letter of support – Canadian Independent Petroleum Marketers Associations
	1	5	Letter of support – Canadian Manufacturers & Exporters Association
	1	6	Letter of support – Greater Toronto Airports Authority
	1	7	Letter of support – Hamilton Chamber of Commerce
	1	8	Letter of support – McDougall Energy
	1	9	Letter of support – Mississauga Board of Trade
	1	10	Letter of support – National Airlines Council of Canada
	1	11	Letter of support – Ontario Chamber of Commerce
	1	12	Letter of support – Toronto Board of Trade
	1/u1	13/u1	Letter of support – Flamborough Chamber of Commerce

### *Exhibit C: Purpose, Need, Proposed Project and Timing/u2*

Exhibit	Tab	Schedule	Description
C	1/u1	1/u1	Purpose, need, proposed project and timing
	1	2/u2	Map of preferred routing

### *Exhibit D: Routing and Environmental*

Exhibit	Tab	Schedule	Description
D	1	1	Route selection
	1	2	Environmental Report
	1	3	Environmental Protection Plan
	1	4	Archaeology assessment
	1	5	Correspondence with MTCS

### Exhibit E: Project/u2

Exhibit	Tab	Schedule	Description
E	1	1	Introduction
	1	2	Project construction methods
	1	3	Design specifications
	1	4	Pressure testing
	1	5	Project costs (section not applicable)
	1	6	Schedule

### Exhibit F: Land Matters

Exhibit	Tab	Schedule	Description
F	1	1	Summary of land matters
	1	2	Negotiations to date
	1	3	Land-related permits and agreements required
	1	4	Attachment 1 – Grant of Easement Pipeline (Ontario) Agreement
	1	5	Attachment 2 – Temporary Workspace Lease Agreement
	1	6	Line list
	1	7	Affidavit of title search (attestation of title search to be completed once directed by the OEB in its subsequent letter of direction)

### Exhibit G: Indigenous Relations

Exhibit	Tab	Schedule	Description
G	1	1	Indigenous Consultation Report
	1	2	Imperial Indigenous relations guiding principles and guidelines
	1	3	Imperial request to MENDM – Duty to consult
	2	1	MENDM letter to Imperial – delegation letter
	2	2	MENDM letter to Huron-Wendat – delegation letter
	2	3	MENDM letter to MCFN (formerly named MNCFN) – delegation letter
	2	4	MENDM letter to Six Nations – delegation letter
	2	5	MENDM letter to Six Nations - HCCC/ HDI – delegation letter
	3	1	Presentations provided to Huron-Wendat
	3	2	Presentations provided to MCFN
	3	3	Presentations provided to MNO
	3	4	Presentations provided to Six Nations
	3	5	Presentations provided to Six Nations – HCCC/HDI

### Exhibit H: Record of Consultation - Supporting Documents

Exhibit	Tab	Schedule	Description
H	1	1	Regulatory Consultation Log
	1	2	Correspondence from Ontario Energy Board
	1	3	Correspondence from provincial ministries
	1	4	Correspondence from Conservation Authorities
	1	5	Correspondence from federal agencies
	2	1	Indigenous Consultation Log
	2	2	Correspondence from Mississaugas of the Credit First Nation
	2	3	Correspondence from Six Nations of the Grand River
	2	4	Correspondence from Haudenosaunee Confederacy Chiefs Council/ Haudenosaunee Development Institute
	2	5	Correspondence from Huron-Wendat Nation
	2	6	Correspondence from Métis Nation of Ontario
	3	1	Stakeholder and Other Consultation Log
	3	2	Correspondence from stakeholders
	3	3	Project brochure
	3	4	Notice of commencement of study
	3	5	Regional maps
	3	6	Community Information Session poster boards (July 2018)
	3	7	Community Information Session poster boards (November 2018)
	3	8	Imperial video – horizontal directional drilling
	3	9	Imperial video – pipeline deactivation
	3	10	Imperial video - safety
	3	11	Community Information Session Burlington July 2018 - ads and invites
	3	12	Community Information Session Burlington November 2018 - ads and invites
	3	13	Community Information Session Hamilton July 2018 - ads and invites
	3	14	Community Information Session Hamilton November 2018 - ads and invites
	3	15	Community Information Session Mississauga July 2018 - ads and invites
	3	16	Community Information Session Mississauga November 2018 - ads and invites
	3	17	Community Information Session Milton July 2018 - ads and invites
	3	18	Community Information Session Milton November 2018 - ads and invites
	3	19	Community Information Session Oakville July 2018 - ads and invites
	3	20	Community Information Session Oakville November 2018 - ads and invites
	3	21	Community Information Session Toronto July 2018 - ads and invites
	3	22	Community Information Session Toronto November 2018 - ads and invites

### 3. APPLICATION AND APPROVALS REQUESTED

#### *Ontario Energy Board*

**IN THE MATTER OF** the *Ontario Energy Board Act, 1998*, S.O. 1998, c. 15 (Sched. B), as amended (the “OEB Act”);

**AND IN THE MATTER OF** an application by Imperial Oil Limited under section 90(1) of the OEB Act for an order granting Leave to Construct of a hydrocarbon distribution pipeline and ancillary facilities to serve the Greater Toronto and Hamilton Area;

#### **LEAVE TO CONSTRUCT**

##### **APPLICATION: WATERDOWN TO FINCH PROJECT**

1. The Applicant, Imperial Oil Limited (“Imperial”) is a body corporate duly formed pursuant to the laws of Canada having an office in the City of Calgary. Imperial is an integrated energy company that explores for, produces, refines and markets products essential to society. At every link in the energy chain, Imperial seeks to advance innovation and technology to deliver energy Canadians need – with a commitment to high standards. Imperial was founded in Ontario in 1880 and, after more than a century, Imperial continues to be part of the community and economy.
2. Operating safely for many decades, Imperial’s Sarnia Products Pipeline (“SPPL”) is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL.
3. Imperial hereby applies (“Application”) to the Ontario Energy Board (“OEB”), pursuant to section 90(1) of the OEB Act for Leave to Construct (“LTC”) the Waterdown to Finch Project (the “Project”). The Project involves the proposed installation of approximately 63-kilometres of 12-inch diameter pipeline and associated infrastructure between Imperial’s pump station in rural Hamilton (Waterdown Pump Station) and its terminal storage facility in Toronto’s North York area (Finch Storage Terminal). To accommodate reliable supply of products throughout this process, the Project involves the construction of the new pipeline while the existing pipeline continues to operate. Once the new pipeline is successfully installed, the existing line will be safely deactivated and the new pipeline will operate in its place.
4. The new pipeline will be constructed following the existing SPPL as closely as possible, in consideration of environmental and social constraints, and other infrastructure and land uses in the area. The existing pipeline is located within an Imperial right-of-way (“ROW”) for approximately 18.8 km, and within a ROW managed by Hydro One Networks Inc. (“HONI”) for approximately 43.7 km. New easements will be required on a limited number of private lands and Imperial will work directly with the affected landowners to obtain these agreements. New easements will also be required within the HONI ROW, and Imperial is working with HONI and Infrastructure Ontario to secure the necessary agreements. Pipelines owned by other operators inside the ROW will continue to operate without disruption as crossing agreements and safety buffers will be put in-place.
5. Pending LTC approval receipt of permits and agreements, Project construction is planned from December 2019 to November 2020. The purpose, need, description of the Project and project timing are included in Exhibit C, Tab 1, Schedule 1. An overview map showing the proposed route is included in Exhibit C, Tab 1, Schedule 2 filed with this Application.

6. Imperial has planned the Project pursuant to the OEB's *Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario*, 7th Edition (2016) ("Environmental Guidelines"). The Environmental Report ("ER") is a component of the LTC application to the OEB and has been prepared to satisfy the OEB's Environmental Guidelines. The primary objective of the ER is to describe the actions taken to date to confirm the location, or route, for the pipeline and the related construction methods and activities, considering the physical, environmental, socio-economic, archaeological, and cultural heritage (i.e. the environmental and socio-economic) conditions and to minimize or mitigate potential risks.
7. The route evaluation and decision are supported by desktop studies, existing survey information, environmental, and socio-economic field surveys, consultation with regulators and other stakeholders, and constructability design review. Because the Project will be sited within an existing Imperial easement from kilometre post ("KP") 0 to KP 18.8, an alternative route was considered only within the urban area from KP 18.8 to KP 62.5. This alternative route underwent detailed review, but was deemed not feasible because in comparison to the proposed Project route, it was significantly longer, and crossed nearly twice as many watercourses and three times as many wetlands and impacted more infrastructure and current land uses. It was determined that the proposed pipeline route is the only reasonable option, particularly within the urban landscape, because it benefits from following the existing utility corridors. The ER and routing evaluation is included in Exhibit D, Tab 1, Schedules 1 and 2, as evidence to this Application.
8. Imperial recognizes the importance of engagement, which is an integral part of the Project's planning and supports the public interest consideration of the OEB's regulatory process. Imperial identified and engaged a broad range of interested parties – stakeholders, government regulatory agencies, landowners and Indigenous communities – with a potential interest in the Project. Exhibit A, Tab 2, Schedules 3 and 4 provides the list of Ontario Pipeline Coordinating Committee ("OPCC") members and the list of interested parties, respectively. Exhibit D, ER, Section 3 explains the engagement plan implemented for the Project, the engagement activities carried out, comments received, and responses provided by Imperial. Exhibit H, Record of Consultation and supporting documents, includes a record of the consultation log and detailed supporting documents such as related correspondence and meeting minutes.
9. With respect to Indigenous consultation, the Ministry of Energy, Northern Development and Mines ("MENDM") - Indigenous Energy Policy provided the Crown's direction on the duty to consult. MENDM provided a letter dated Sept. 10, 2018 delegating the procedural aspects of the Crown's duty to consult to Imperial ("Delegation Letter"), and included a list of Indigenous communities that should be consulted about the Project, as follows:
  - Huron-Wendat Nation;
  - Mississaugas of the Credit First Nation ("MCFN"); and
  - Six Nations of the Grand River;
    - the MENDM's Delegation Letter noted that Imperial is required to consult with both Six Nations Elected Council; and
    - Haudenosaunee Confederacy Chiefs Council ("HCCC"), and all correspondence with the HCCC should copy the Haudenosaunee Development Institute ("HDI").
10. In addition, while Métis Nation of Ontario ("MNO") was not listed in the Delegation Letter, Imperial identified MNO as an Indigenous community to be informed of the Project for engagement and provided notification to MNO. Imperial has followed the guidance of the MENDM and has prepared an Indigenous Consultation Report to document the consultation activities with communities. The

correspondence letters related to the MENDM's direction on the duty to consult and Imperial's submission of the Indigenous Consultation Report are included in Exhibit G as evidence to this Application.

11. Exhibit E includes details on project design specifications, construction methodologies, pressure testing procedures and key milestones.
12. Exhibit F includes a summary of land matters, negotiations to-date and a description of land related permits and agreements required and copies of draft agreements to be offered to affected landowners, where the need for an easement arises (Agreements are located in Exhibit F, Tab 1 and Schedules 4 and 5). A redacted land list in Exhibit F, Tab 1, Schedule 6 describing the parcels is included and filed as a hardcopy in accordance to OEB's rules on confidentiality.
13. Imperial is a non-rate regulated private enterprise and the Project is financed by Imperial. There are no cost impacts on ratepayers. Therefore, disclosure of project costs and an economic feasibility assessment are not applicable. No exhibit supporting information is required relating to project costs and economic feasibility assessment.
14. Imperial requests that this Application proceed by way of a written hearing in English.
15. Imperial requests that the OEB make the following orders:
  - (1) an order pursuant to section 90 of the *Ontario Energy Board Act* granting Leave to Construct the pipeline; and
  - (2) an order pursuant to section 97 of the *Ontario Energy Board Act* approving the proposed form of easement agreements found in Exhibit F, Tab 1, Schedules 4 and 5.
16. Imperial requests that copies of all documents filed with the Board in connection with this proceeding be provided to Imperial's regulatory lead and legal counsel as follows:
  - a. Applicant: Imperial Oil Limited
  - b. Address: 505 Quarry Park Blvd. SE, Calgary, AB T2C 5N1
  - c. Contact: Jessie Malone, Environment and Regulatory Lead
  - d. Phone: 587-476-4799
  - e. Email: Jessie.m.malone@esso.ca
  
  - f. Applicant's counsel: Imperial Oil Limited
  - g. Address: 505 Quarry Park Blvd. SE, Calgary, AB T2C 5N1
  - h. Contact: Warren Woodhurst
  - i. Phone: 587-476-3367
  - j. Email: warren.woodhurst1@esso.ca

## 4. MAP OF PROJECT

Figure 4-1  
Waterdown to Finch Project

EXHIBIT A  
General



## 5. OPCC DISTRIBUTION LIST

**Table 5-1: List of OPCC Members<sup>1</sup>**

Ministry	Name	Title	Address	Contact Details
Ontario Energy Board	Ms. Zora Crnojacki	Chair	P.O Box 2319, 2300 Yonge Street, 26 <sup>th</sup> Floor Toronto, ON M4P 1E4	416-440-8104 zora.crnojacki@oeb.gov.on.ca
Infrastructure Ontario	Mr. Patrick Grace	Director, Lands Transactions – Hydro Corridor & Public Works	1 Dundas Street West Suite 2000 Toronto, ON M5G 2L5	416-327-2959 patrick.grace@infrastructureontario.ca
Ministry of Agriculture, Food and Rural Affairs	Ms. Linda Pim	Policy Advisor	1 Stone Road West, 3 <sup>rd</sup> Floor SE, Guelph ON N1G 4Y2	519-826-3380 linda.pim@ontario.ca <sup>2</sup>
Ministry of Economic Development, Job Creation and Trade	Mr. Joseph Vecchiolla	Policy Lead	777 Bay Street, 4th Floor, Suite 425 Toronto, Ontario, M5G 2E5	416-325-1561 joseph.vecchiolla@ontario.ca
Ministry of Energy, Northern Development and Mines	Ms. Shannon McCabe	Senior Advisor, Indigenous Energy Policy Unit	6th Floor, 77 Grenville Street Toronto, Ontario M7A 2C1	416-212-6704 shannon.mccabe@ontario.ca
Ministry of Environment, Conservation and Parks	Ms. Crystal Lafrance	Southwestern – Regional Contact, Supervisor, APEP	659 Exeter Road, 2 <sup>nd</sup> Floor London ON N6E 1L3	519-873-5055 crystal.lafrance@ontario.ca
Ministry of Environment, Conservation and Parks	Ms. Natalie Stacey	West Central – Regional Contact, Supervisor, APEP	119 King St. West, 12 <sup>th</sup> Floor Hamilton ON L8P 4Y7	905-521-7639 natalie.stacey@ontario.ca
Ministry of Environment, Conservation and Parks	Mr. Paul Martin	Central – Regional Contact, Supervisor, APEP	5775 Yonge Street, 8 <sup>th</sup> Floor North York ON M2M 4J1	416-326-4835 paul.martin@ontario.ca
Ministry of Municipal Affairs	Mr. Ross Lashbrook	Manager, Community Planning and Development	777 Bay Street, 13 <sup>th</sup> Floor, Toronto ON M5G 2E5	416-585-6063 ross.lashbrook@ontario.ca

<sup>1</sup> Updated list of Ontario Pipeline Coordinating Committee members provided by OEB Chair staff on December 4, 2018.

<sup>2</sup> Email to Linda Pim was undeliverable. Imperial was redirected to contact Jackie Van de Valk, OMAFRA (jackie.vandevalk@ontario.ca) in place of Linda Pim.

Ministry	Name	Title	Address	Contact Details
Ministry of Municipal Affairs, Municipal Services Office – West	Mr. Scott Oliver	Team Lead – Planning	659 Exeter Rd 2nd Floor London ON N6E 1L3	519-873-4033 scott.oliver@ontario.ca
Ministry of Municipal Affairs, Municipal Services Office – East	Mr. Michael Elms	Manager, Community Planning and Development	435 James St S, Suite 223 Thunder Bay ON P7E 6S7	613-545-2132 michael.elms@ontario.ca
Ministry of Natural Resources and Forestry	Ms. Sally Renwick	Team Lead – Environmental Planning	300 Water Street, Peterborough ON K9J 8M5	705-755-5195 sally.renwick@ontario.ca
Ministry of Tourism, Culture and Sport	Ms. Laura Hatcher	Team Lead, Heritage	401 Bay Street, Toronto ON M74 0A7	416-314-3108 laura.e.hatcher@ontario.ca
Technical Standards and Safety Authority	Mr. Kourosh Manouchehri	Engineer	345 Carlingview Drive, Toronto ON M9W 6N9	Tel: (416) 734-3539 kmanouchehri@tssa.org
Ministry of Transportation	Mr. Tony Difabio	Team Lead – Highway Corridor Management	301 St. Paul Street, 2 <sup>nd</sup> Floor, St. Catharines ON L2R 7R4	905-704-2656 tony.difabio@ontario.ca

*Provincial Agencies, Conservation Authorities and Federal Agencies*

**Table 5-2: List of Additional Provincial, Conservation Authority and Federal Technical Staff Contacts**

Organization	Name	Title	Address	Contact Details
Infrastructure Ontario	Cory Ostrowka	Environment Specialist, Environmental Management	Suite 2000, 1 Dundas Street West, Toronto , Ontario, M5G 2L5	cory.ostrowka@infrastructureontario.ca
Infrastructure Ontario	Abbey Flower	Heritage Specialist, Environmental Management	Suite 2000, 1 Dundas Street West, Toronto , Ontario, M5G 2L5	abbey.flower@infrastructureontario.ca
Ministry of Agriculture and Rural Affairs	Jackie Van de Valk	Rural Planner, Land Use Policy and Stewardship	Elora Resource Ctr Unit 10, 6484 Wellington Rd 7, Elora, Ontario, N0B 1S0	jackie.vandevalk@ontario.ca
Ministry of Energy, Northern Development and Mines	Morgan Owen	Acting Manager, Indigenous Energy Policy	77 Grenville Street, 6 <sup>th</sup> Floor, Toronto , Ontario, M7A 1B3	morgan.owen@ontario.ca
Ministry of Energy, Northern Development and Mines	Raina Crasto	Policy Advisor, Indigenous Energy Policy	77 Grenville Street, 6 <sup>th</sup> Floor, Toronto , Ontario, M7A 1B3	raina.crasto@ontario.ca
Ministry of Environment, Conservation and Parks	Trevor Bell	Environmental Resource Planner and EA Coordinator, Central Region - Technical Support Section	5775 Young Street, 9 <sup>th</sup> Floor, Toronto , Ontario, M2M 4J1	trevor.bell@ontario.ca
Ministry of Environment, Conservation and Parks	Steven McAvoy	Program Support Coordinator  Ministry of the Environment, Conservation and Parks,	135 St. Clair Avenue West, Toronto , Ontario, M2M 4J1	steve.mcavoy@ontario.ca
Ministry of Natural Resources and Forestry	Bohdan Kowalyk	District Planner (Acting), Aurora District	50 Bloomington Rd, Aurora, Ontario, L4G 0L8	bohdan.kowalyk@ontario.ca
Ministry of Natural Resources and Forestry	Aurora McAllister	Management Biologist, Aurora District	50 Bloomington Rd, Aurora, Ontario, L4G 0L8	aurora.mcAllister@ontario.ca

Organization	Name	Title	Address	Contact Details
Ministry of Natural Resources and Forestry	Tara McKenna	District Planner, Guelph District	Ontario Government Building, 1 Stone Road West, Guelph, Ontario, N1G 4Y2	tara.mckenna@ontario.ca
Ministry of Natural Resources and Forestry	Anne-Marie Laurence	Management Biologist, Guelph District	Ontario Government Building, 1 Stone Road West, Guelph, Ontario, N1G 4Y2	annemarie.laurence@ontario.ca
Ministry of Tourism, Culture and Sport	Karla Barboza	Team Lead - Heritage (Acting), Heritage Program Unit (MTCS)	401 Bay Street, Toronto , Ontario, M7A 0A7	karla.barboza@ontario.ca
Ministry of Tourism, Culture and Sport	James Hamilton	Manager, Heritage Program Unit (MTCS)	401 Bay Street, Toronto , Ontario, M7A 0A7	james.hamilton@ontario.ca
Ministry of Transportation	Christian Singh	Senior Project Manager - Corridor Management Section, Corridor Management and Property Office	159 Sir William Hearst Avenue (Formerly 1201 Wilson Ave, Building D), 7th Floor, Toronto, Ontario, M3M 0B7	christian.singh@ontario.ca
<b>Conservation Authorities and NEC</b>				
Conservation Halton	Heather Dearlove	Environmental Planner	2596 Britannia Road West , Burlington, Ontario, L7P 0G3	hdearlove@hrca.on.ca
Credit Valley Conservation Authority	Liam Marray	Manager	1255 Old Derry Road, Mississauga, Ontario, L5N 6R4	liam.marray@cvc.ca
Hamilton Conservation Authority	Darren Kenny	Watershed Officer	838 Mineral Springs Road, Ancaster, Ontario, L9G 4X1	darren.kenny@conservationhamilton.ca
Toronto and Region Conservation Authority	Annette Lister	Planner II EA Planning	101 Exchange Avenue, Vaughn, Ontario, L4K 5R6	alister@trca.on.ca

Organization	Name	Title	Address	Contact Details
Niagara Escarpment Commission	Kim Peters	Senior Strategic Advisor	232 Guelph Street, Georgetown, Ontario, L7G 4B1	kim.peters@ontario.ca
<b>Federal Agencies</b>				
Environment and Climate Change Canada	Rob Dobos	Manager, Ontario Environmental Protection Operations	867 Lakeshore Road, 5th Floor, Burlington, Ontario, L7S 1A1	rob.dobos@canada.ca
Fisheries and Oceans Canada	Jessica Epp-Martindale	Fisheries Protection Biologist, Fisheries Protection Program	867 Lakeshore Road, Burlington, Ontario, L7S 1A1	FisheriesProtection@dfo-mpo.gc.ca
Transport Canada	General Inbox	Environmental Assessment Program, Ontario Region	4900 Yonge Street, Toronto, Ontario, M2N 6A5	EnviroOnt@tc.gc.ca
Transport Canada	Devon Smith	Regional Manager, Navigation Protection Program	4900 Yonge Street, Toronto, Ontario, M2N 6A5	devon.smith@tc.gc.ca
Transport Canada	Kelly Thompson	Inspection Officer, Navigation Protection Program	100 Front Street South, Sarnia, Ontario, N7T 2M4	kelly.thompson@tc.gc.ca

## 6. LIST OF INTERESTED PARTIES

1. In addition to the list of OPCC members, additional provincial, federal and Conservation Authority technical staff, Imperial identified a broad range of interested parties – stakeholders, government agencies (including technical staff), municipalities, landowners and Indigenous communities – with a potential interest in the Project. Exhibit D, Section 3 of the ER provides details of the consultation plan and the identification of interested parties. Below is a list of interested parties.

### *Municipal Elected Officials and Key Staff*

- City of Burlington
- City of Hamilton
- City of Mississauga
- City of Toronto
- Region of Halton
- Region of Peel
- Town of Milton
- Town of Oakville

### *Provincial Representatives and Key Staff*

- MPP Etobicoke North
- MPP Flamborough – Glanbrook
- MPP Humber River – Black Creek
- MPP Milton
- MPP Mississauga – Cooksville
- MPP Mississauga – Erin Mills
- MPP Mississauga – Malton
- MPP Mississauga Centre
- MPP Oakville North – Burlington
- MPP York Centre
- Office of the Minister of Agriculture, Food and Rural Affairs
- Office of the Minister of Economic Development, Job Creation and Trade
- Office of the Minister of Energy, Northern Development and Mines
- Office of the Minister of Environment, Conservation and Parks
- Office of the Minister of Government and Consumer Services
- Office of the Minister of Indigenous Affairs
- Office of the Minister of Municipal Affairs and Housing
- Office of the Minister of Natural Resources and Forestry

- Office of the Minister of Transportation
- Office of the Minister Responsible for Small Business
- Office of the Premier

### *Federal Representatives and Key Staff*

- MP Etobicoke North
- MP Flamborough – Glanbrook
- MP Humber River – Black Creek
- MP Milton
- MP Mississauga – Cooksville
- MP Mississauga – Erin Mills
- MP Mississauga – Malton
- MP Mississauga Centre
- MP Oakville North – Burlington
- MP York Centre

### *Emergency Services*

- Burlington Fire Department
- Hamilton Fire Department
- Milton Fire Department
- Mississauga Fire and Emergency Services
- Oakville Fire Department
- Six Nations Fire & Emergency Services Training Academy
- Toronto Fire Services

### *Indigenous Communities*

2. MENDM provided the Crown's direction and delegated the procedural aspects of the duty to consult to the following list of Indigenous communities that should be consulted about the Project:
  - Huron-Wendat Nation;
  - Mississaugas of the Credit First Nation ("MCFN"); and
  - Six Nations of the Grand River;
    - the Ministry's delegation letter noted that Imperial is required to consult with Six Nations Elected Council; and
    - Haudenosaunee Confederacy Chiefs Council ("HCCC"), and all correspondence with the HCCC should copy the Haudenosaunee Development Institute ("HDI").

- In addition, while the Métis Nation of Ontario (“MNO”) was not listed in the Ministry’s delegation letter, Imperial identified MNO as an Indigenous community to be informed of the Project for ongoing engagement.

### *Industry/ Business Associations; Non-Profit Organizations, Other*

- Burlington Chamber of Commerce
- Burlington Green
- Canadian Council for Aboriginal Business
- Canadian Fuel Consortia
- Canadian Independent Petroleum Marketers Association
- Canadian Manufacturers and Exporters
- Christian Farmers Federation of Ontario
- Conservation Ontario
- Credit Pointe Residents Association
- Flamborough Chamber of Commerce
- Greater Toronto Airports Authority
- Halton Environment Network
- Hamilton Chamber of Commerce
- Hydro One Networks Inc.
- Milton Chamber of Commerce
- Mississauga Board of Trade
- Metrolinx
- National Airlines Council of Canada
- Oakville Chamber of Commerce
- Ontario Chamber of Commerce
- Ontario Federation of Agriculture
- Protecting Escarpment Rural Land (“PERL”)
- Toronto Region Board of Trade

## **EXHIBIT B          LETTERS OF SUPPORT**

## **1. LETTERS OF SUPPORT**

1. Imperial received letters from the following organizations in support of Imperial's LTC application for the Project:

- Canadian Council for Aboriginal Business;
- Canadian Fuels Association;
- Canadian Independent Petroleum Marketers Association;
- Canadian Manufacturers & Exporters;
- Flamborough Chamber of Commerce;
- Greater Toronto Airports Authority;
- Hamilton Chamber of Commerce;
- McDougall Energy Inc.;
- Mississauga Board of Trade;
- National Airlines Council of Canada;
- Ontario Chamber of Commerce; and
- Toronto Board of Trade.

The letters are enclosed in this Exhibit B.

November 30, 2018

Ms. Kirsten Walli, Board Secretary  
Ontario Energy Board  
2300 Yonge Street, 27th Floor  
Toronto, ON M4P 1E4

**Re: Imperial Sarnia Products Pipeline Waterdown to Finch Project**

Dear Ms. Walli:

On behalf of CCAB, I would like to provide a letter of support for Imperial's Waterdown to Finch Project.

Founded in 1984, the Canadian Council for Aboriginal Business (CCAB) is a national member-based business organization. We are committed to the full participation of Indigenous peoples in Canada's economy. A non-partisan association, CCAB offers knowledge, resources and programs to both Aboriginal and non-Aboriginal owned companies that foster economic opportunities for Indigenous peoples and businesses across Canada.

At our core we drive business opportunities and enable sustainable relationships, a commitment that we share with our member organizations. Imperial is a member of CCAB and an active participant in many of our programs. Imperial continues to demonstrate that it places a great deal of value on Indigenous engagement, economic development and capacity building. CCAB strongly supports Imperial's strategic objective of conducting its business and operations in a manner that respects the land, environment, rights and cultures of Indigenous communities. This comes in many forms, from committing to meaningful community, government and Indigenous engagement, to developing the next generation of workers through their bursaries, scholarships, education awards and internship programs.

In terms of the Waterdown to Finch Project, Imperial has procedural authorities under the Crown's Duty to Consult, which is identified in Imperial's leave to construct application. Imperial has also been working collaboratively with Indigenous field monitors on archaeological assessments and environmental field surveys. As the project proceeds, we intend to work with Imperial to identify local economic opportunities for Indigenous communities.

Imperial is involved in many of CCAB programs:

**Progressive Aboriginal Relations (PAR) participation**

Imperial is certified as a committed member of CCAB's Progressive Aboriginal Relations Program (PAR), which helps companies measure progress on Indigenous employment, business development, building capacity and enhancing relations with Indigenous communities.

### **CCAB Procurement Champion**

Imperial is an Aboriginal Procurement Champion, a group of corporations committed to increasing opportunities for Aboriginal businesses to participate in their supply chains. CCAB's Aboriginal Procurement Strategy aims to create an unprecedented, national approach to Aboriginal procurement by developing the largest membership of corporations committed to increasing Aboriginal participation in corporate supply chains.

We look forward to our continued work with Imperial, and our shared commitment to identifying and establishing local Indigenous economic development opportunities.

Regards,

A handwritten signature in blue ink, appearing to read 'JP Gladu', is positioned above the printed name and title.

JP Gladu  
President & CEO



**Canadian Fuels**  
**ASSOCIATION**  
**canadienne des carburants**

Ontario Division  
1000-275 Slater St.  
Ottawa, Ontario  
Canada K1P 5H9  
t. 613.232.3709  
canadianfuels.ca

February 7, 2019

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
P.O. Box 2319  
2300 Yonge Street, 27th Floor  
Toronto, ON M4P 1E4

Re: **Imperial Sarnia Products Pipeline Waterdown to Finch Pipeline Replacement Project**

Dear Ms. Walli;

On behalf of the Canadian Fuels Association (Canadian Fuels) and its members<sup>1</sup>, we wish to lend our support to this project.

Ontario is home to five of Canada's 16 refineries. Our members refine, distribute and market the fuels that power Ontario's trucks, trains, ships, and we are part of Ontario's critical infrastructure. Ontario refineries supply a significant portion of the fuels used in the Province, and the Waterdown to Finch Project pipeline replacement project will help ensure the ongoing reliability of this infrastructure and the fuels that supply Ontarians living in the Greater Toronto and Hamilton area.

In closing, reliable market access is not only key to our sector's competitiveness but also essential to keeping people and goods moving in this Province. We encourage the Ontario Energy Board to support this application.

Sincerely,

Lisa Stilborn  
Vice President – Ontario

---

<sup>1</sup> Canadian Fuels members: Federated Co-operatives Limited, Husky Energy Inc., Imperial Oil Limited, Irving Oil, North West Redwater Partnership, Parkland Fuel Corporation, Petro-Canada Lubricants Inc., Shell Canada Limited, Suncor Energy Products Partnership and Valero Energy Inc.

NOVEMBER 28<sup>TH</sup>, 2018

**Ms. Kirsten Walli**

Board Secretary  
Ontario Energy Board  
PO Box 2319  
2300 Yonge Street, 27th Floor  
Toronto, ON M4P 1E4

**Re: Imperial Sarnia Products Pipeline Waterdown to Finch Project**

Dear Ms. Walli,

The Canadian Independent Petroleum Marketers Association (CIPMA) is pleased to submit the following letter in support of Imperial's leave to construct application for the Waterdown to Finch replacement project.

CIPMA's members play a unique role in the energy products sector. Founded over 20 years ago, we are a national not-for-profit trade association that represents members who are responsible for the distribution of gasoline, diesel, heating oil, propane, aviation fuel and renewable fuels across a vast geography, to diverse industries, and to millions of Canadian consumers. Through our retail network and distribution partners, our members serve the commercial, agricultural, industrial, wholesale and retail markets in every part of the country and have strong connections to the communities they serve.

**CIPMA is a voice for small business**

Our 22 members and 33 associate members are small and medium-sized fuel companies who are the backbone of Canada's fuel distribution and marketing industry. Our members account for over 25 billion litres of fuel sales annually and the direct employment of over 11,000 Canadians. CIPMA is also a member of the Small Business Matters (SBM) Coalition, a multi-association organization, representing just over 98,000 businesses that demonstrate the important role that small businesses play in the economy and the communities they serve. As small and medium businesses owners, our members operate lean, focused operations. At the same time, independent providers represent a growing share of the Canadian markets, supplying over half of all gasoline sold in the country. Our members rely on reliable access to fuel products to keep our operations, and those of the customers we serve, moving.

Given our unique role in the fuel sector supply chain, we fully support efforts to improve the security and reliability of fuel supply. The Waterdown to Finch pipeline replacement project will help ensure consumers and independent fuel marketers have access to a competitively priced and readily available supply of fuel products that will serve both our domestic markets, and customers who provide goods and services to broader markets.

CIPMA and its members have enjoyed a long-standing professional relationship with Imperial, and we know its commitment to safety, environmental performance and delivery of long-term value to customers. On behalf of our members, we strongly support Imperial's infrastructure replacement project.

Regards,



**Jennifer Stewart**  
*President and CEO*

**Canadian Independent Petroleum Marketers Association**



EXHIBIT B  
Letters of Support

CANADIAN  
MANUFACTURERS  
& EXPORTERS



MANUFACTURIERS  
& EXPORTATEURS  
DU CANADA

Updated: 2019-03-15  
EB-2019-0007  
Tab 1, Schedule 5  
Page 1 of 2

December 6, 2018

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
PO Box 2319  
2300 Yonge Street, 27th Floor  
Toronto, ON M4P 1E4

Dear Ms. Walli:

On behalf of the 2,500 members of Canadian Manufacturers & Exporters (CME), I am writing to provide our support of Imperial's Waterdown to Finch pipeline replacement project.

Manufacturing is the most critical business sector in Ontario. It directly accounts for over 12 per cent of GDP and 80 per cent of exports. Through their extensive operations, manufacturers generate significant economic spinoffs throughout the economy and Ontario's communities, including in natural resources, technology, and every service sector from banking to logistics. Factoring in these economic spin-offs, manufacturers drive nearly 30 per cent of all economic activity, 25 per cent of all jobs, and one-third of all government revenues.

CME is proud to have a long-standing professional relationship with Imperial that spans over 100 years, and we can attest to the important role that Imperial plays in Ontario and Canada. As indicated in the province's Fuels Technical Report, 2016, fuels are an important component of our provincial economy, critical for households, businesses and industry.

Ontario refineries supply a significant portion of the fuels used in the province, and Imperial's Sarnia Products Pipeline is an important component of ensuring a reliable supply of fuel in the Greater Toronto and Hamilton Area (GTHA). Imperial is important to our members because the transportation sector alone consumes about 40 per cent of Ontario's fuels energy.<sup>i</sup>

As the Ontario Energy Board (OEB) is aware, Ontario is a large province with diverse regions that each face their own unique transportation challenges. Imperial's products fuel the cars, trucks, buses and planes that facilitate the movement of both goods and people to attract investment and diversify the local economy. This includes the delivery of natural resources, agricultural products and manufactured goods to domestic and international markets. Transportation supports a strong and competitive economy, for example:

- Transportation and warehousing represented 4.5 per cent of Canada's total Gross Domestic Product (GDP) in 2016;
- Canada has approximately 67,000 businesses whose primary activity is trucking transportation; 40 per cent of those businesses are based in Ontario;
- For-hire trucking traffic amounted to 276 billion tonne-kilometres in 2016;
- Toronto Pearson International served 42 million passengers, accounting for 30 per cent of Canada's passenger air travel; and,



EXHIBIT B  
Letters of Support

CANADIAN  
MANUFACTURERS  
& EXPORTERS



MANUFACTURIERS  
& EXPORTATEURS  
DU CANADA

Updated: 2019-03-15  
EB-2019-0007  
Tab 1, Schedule 5  
Page 2 of 2

- The value of Canada's international air cargo trade in 2016 amounted to \$125.2 billion.<sup>ii</sup>

Transportation plays a critical role in the Canadian economy, and Imperial's fuel products play an important role in supporting these key sectors. Looking at our sector and beyond, Imperial continues to set the benchmark for responsible energy development and delivery. For example, Imperial manufactures and sells approximately a quarter of the petroleum products used every day by Canadians.<sup>iii</sup> The company also makes significant investments in research and innovation to enhance environmental performance, which is important to all Ontarians.

CME strongly supports Imperial's Waterdown to Finch Project. In addition to enhancing the long-term safety and reliability of their existing operations, this project will yield broader benefits for Canadian manufacturers by ensuring the reliable supply of high-quality fuel products to help meet operational demands – and keep Ontario's economy moving.

Please don't hesitate to contact me if you have any questions or require additional information about our support of this project.

Sincerely,

**Mathew Wilson**

Senior Vice President, Policy & Government Relations

<sup>i</sup> Ontario Ministry of Energy, Northern Development and Mines, [Fuels Technical Report](#), 2016

<sup>ii</sup> Government of Canada, Transportation in Canada 2016 - [Comprehensive Report](#)

<sup>iii</sup> Imperial Oil, [Company Overview](#)



December 11, 2018

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
PO Box 2319  
2300 Yonge Street, 27th Floor  
Toronto, ON M4P 1E4

**Greater Toronto  
Airports Authority**  
P.O. Box 6031  
3111 Convair Drive  
Toronto AMF, Ontario  
Canada L5P 1B2

P 416.776.3000  
F 416.776.7746

GTAA.com

**Re: Imperial Sarnia Products Pipeline Waterdown to Finch Project**

Dear Ms. Walli,

Please accept this letter of support on behalf of the Greater Toronto Airports Authority (GTAA) for Imperial's Waterdown to Finch pipeline replacement project, and the company's leave to construct application with the Ontario Energy Board.

The GTAA manages, operates and maintains Toronto Pearson International Airport (Toronto Pearson) pursuant to our ground lease with Canada's federal government. We are Canada's largest airport. In 2017, more than 465,000 flights and 47 million passengers moved through Toronto Pearson. The airport creates approximately 49,000 direct jobs and supports the livelihoods of hundreds of thousands of people across the region. In addition to being one of the largest employment hubs in Canada, we are also a global hub for transportation, and our customers rely on us for fast, reliable and convenient access to the rest of the world. It takes a large network of service partners to maintain our business operations, including Imperial.

**The importance of reliability on our operations:**

The availability of reliable aviation fuel for carriers is critical to the GTAA's operation of Toronto Pearson. A limitation or interruption of aviation fuel supplies would have an immediate and serious operational and financial impact on the GTAA, our customers and the Ontario economy. In recent years, we have expanded our jet fuel infrastructure to keep pace with increasing demand. Imperial's Sarnia Products Pipeline and the Waterdown to Finch replacement project are critical for Toronto Pearson to continue having a reliable supply of fuel for our operations.

**Supporting the Canadian economy:**



torontopearson.com

Toronto Pearson plays an important role in the Canadian economy – it is one of Canada's vital economic engines. Whether it is farmers and fishers exporting their harvests to emerging markets, high-tech companies arranging manufacturing overseas or tourist destinations attracting visitors from abroad, all of Canada depends on our global airport hub to drive revenues and growth.

Toronto Pearson generates about \$42 billion in economic activity annually. Nationally, about 23 per cent of non-U.S. goods shipments are via airfreight and nearly half of all international air cargo leaving or entering Canada passes through Toronto Pearson. Toronto Pearson provides direct, daily service to more than 67 per cent of the world's economies. In turn, we require a reliable supply of fuel to support these economic drivers, which Imperial provides.

**A responsible community member:**

The GTAA works closely with our local neighbours so we can better understand their interests and discuss our operational decisions and constraints. We also work to improve environmental performance, which has a positive impact on the local community. With this in mind, we were pleased to hear about Imperial's environmental planning process and efforts to minimize the impact of the project on the local environment and surrounding community. We are happy with Imperial's commitment to meaningful, transparent community and Indigenous engagement. This includes their community information sessions in the various local regions of the project, making all project information available on their website, direct engagement with government stakeholders and landowners, and more. Much like the GTAA, corporate responsibility shapes Imperial's activities and operations.

The GTAA strongly supports Imperial's Waterdown to Finch replacement project. In addition to enhancing the long-term safety and reliability of their existing operations, this project will yield broader benefits for Toronto Pearson – and beyond – by ensuring the long-term reliability of high-quality jet fuel that keeps Ontario's economy moving.

Regards,



**Todd Ernst**

Director, Aviation Infrastructure, Energy & Environment  
Greater Toronto Airports Authority

February 12, 2019

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
PO Box 2319  
2300 Yonge Street, 27th Floor  
Toronto, ON M4P 1E4

**Re: Imperial Sarnia Products Pipeline Waterdown to Finch Project**

Dear Ms. Walli:

The Hamilton Chamber of Commerce has served as an anchor institution and the definitive voice of the local business community since 1845. Well known for our industrial legacy, Hamilton is undergoing a period of re-invention; one marked by vibrant urban revival, growth in advanced manufacturing, agri-business, fintech, health sciences and innovation.

The Chamber knows that building healthy and sustainable cities requires reliable and modern infrastructure. Whether it is for enabling light rail transit, modernizing our service fleet, facilitating community-based energy planning, or strengthening our public works network, we are working to position Hamilton as a hub for moving people and goods.

Hamilton is one of the primary North American gateways for accessing regional and global markets through logistics and distribution. Imperial's Waterdown to Finch Project, and its focus on infrastructure renewal, will ensure the continued safe supply of needed fuel products locally and in the GTHA. Connectivity and collaboration fuel success in the modern economy, and fuel products like Imperial's are a catalyst for local businesses looking to expand their reach.

Imperial has a long-standing presence in Hamilton through its local offices and product distribution outlets. In addition to its ongoing operations, Imperial's Waterdown to Finch Project is expected to generate significant economic activity for our region through work with local contractors and businesses. We support this commitment to invest in our community.

The Hamilton Chamber of Commerce has been instrumental in building a stronger, more prosperous Hamilton for more than 170 years. We support Imperial's efforts to modernize their infrastructure and continue to provide the safe supply of fuel products to our region.

Sincerely,



Keanin Loomis  
President & CEO  
Hamilton Chamber of Commerce

120 King Street West  
Plaza Level  
Hamilton, ON L8P 4V2  
[www.hamiltonchamber.ca](http://www.hamiltonchamber.ca)

**Office:** (905) 522-1151  
**Fax:** (905) 522-1154  
[hcc@hamiltonchamber.ca](mailto:hcc@hamiltonchamber.ca)



**Corporate Office**Station Tower, 421 Bay St.  
Suite 301  
Sault Ste, Marie, ON P6A 1X3**T.** (705) 949-6202  
**F.** (705) 946-1134  
**TF.** (800) 461-0512

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
PO Box 2319  
2300 Yonge Street, 27th Floor  
Toronto, ON M4P 1E4

**Re: Imperial Sarnia Products Pipeline Waterdown to Finch Project**

Dear Ms. Walli:

McDougall Energy Inc. is pleased to support Imperial's leave to construct application with the Ontario Energy Board for the Waterdown to Finch Project. As a long-standing branded reseller of Imperial's diversified energy products, we were encouraged to hear about the company's plans to replace a portion of its Sarnia Products Pipeline (SPPL) to continue to provide safe and reliable fuels to the Greater Toronto and Hamilton Area. This infrastructure is critical to our business and ensuring customer satisfaction and service excellence.

Imperial continues to lead in the energy space, supplying high-quality fuel products to resellers, businesses and consumers through its robust and integrated network of refineries, pipelines and terminals. Through brands like Esso, Imperial has enabled McDougall Energy to establish a national footprint in the energy sector and win several awards in excellence, including being named one of Canada's Best Managed Company for seven consecutive years (2011-2018). Today, we are a company of more than 400 employees.

At McDougall Energy, we constantly strive to improve our business by connecting with our customers to understand their needs, and by providing industry-leading business solutions to ensure the growth and success of our business partners. We are a family owned business, now in our third generation of family management, and our name is proudly displayed on everything we do, which is why we are meticulous about distributing only the highest quality products and providing services with a distinct focus on customer experience.

McDougall Energy proudly supports the Waterdown to Finch Project as it will strengthen Imperial's business and ensure the growth and success of its partners. This project will enable Imperial to provide companies like ours with industry-leading fuel products through a reliable source to meet our increasing, operational demands.

Regards,



Darren McDougall, President  
McDougall Energy Inc.

January 31, 2019

Ms. Kirsten Walli, Board Secretary  
Ontario Energy Board  
2300 Yonge Street, 27th Floor  
Toronto, ON M4P 1E4



Connect | Champion | Advance



**Re: Imperial Sarnia Products Pipeline Waterdown to Finch Project**

Dear Ms. Walli:

On behalf of the Mississauga Board of Trade (MBOT), please accept this letter of support for Imperial's Waterdown to Finch Project.

Mississauga is the proud home of a robust and diverse business community that makes up some of the largest advanced manufacturing, financial services, cleantech, and knowledge-based sectors in Canada. Since 1961, MBOT has played a significant role in serving and representing the interests of businesses of all sizes, from family-run operations to multinational firms. We are Canada's sixth largest city with over 50,000 businesses that employ more than 440,000 people, including the Canadian headquarters of 60 Fortune 500 companies. Mississauga is where successful companies choose to settle down and do business.

MBOT's large, diverse and active membership is responsible for producing and sharing new ideas, innovations and products with Canada and international communities. To be a global city, we also need to be a connected city. This means having the ability and resources to move people, goods and services effectively. With the Toronto Pearson International Airport (Pearson) located in Mississauga, our community enables the entire region to be well connected to the world and global markets. Imperial is instrumental in supporting the safe and reliable supply of fuel for airlines that operate at Pearson; moreover, the company's supply of fuel products help our members move goods and services to priority markets and customers. The Waterdown to Finch Project will support businesses throughout our city, including Pearson and the dynamic network of destinations it serves, to continue to grow, prosper, and get connected.

Infrastructure is what makes our economy run, connects our communities, creates jobs, and makes Mississauga a destination for business and talent. As such, MBOT is encouraged by businesses like Imperial who continue to make substantial capital investments and generate economic activity throughout the region. We support Imperial's initiative to upgrade this important segment of their refined products pipeline to ensure the ongoing safety and supply reliability for communities and consumers alike.

As part of its commitment to support the community, Imperial has indicated that it intends to work with local contractors, business services and Indigenous groups throughout the duration of the Waterdown to Finch Project. We look forward to working with Imperial to identify local procurement and economic benefit opportunities that will serve our members and the people of Mississauga.

Sincerely,

David Wojcik  
President and CEO

Mississauga Board of Trade



**NACC**  
National Airlines  
Council of Canada



**CNLA**  
Conseil national des lignes  
aériennes du Canada

November 15, 2018

Ms. Rosemarie Leclair  
Chair and Chief Executive Officer  
Ontario Energy Board  
2300 Yonge Street, 27th floor  
P.O. Box 2319  
Toronto, ON M4P 1E4

Dear Ms. Leclair:

We are pleased to lend our voice to Imperial's leave to construct application for the Waterdown to Finch pipeline replacement project. The National Airlines Council of Canada (NACC) represents Canada's largest national and international passenger air carriers, including Air Canada, Air Transat, Jazz and WestJet. Collectively, our member airlines carry over 70 million passengers annually, directly employ 50,000 people and create over 260,000 jobs.

The aviation sector is a significant driver of the economy, and our member airlines are very proud of the investments we make in Ontario and our contribution to the province's economy. Since 2008, we have been advocating for safe, environmentally responsible and competitive air travel. Our focus is to ensure that Canadians continue to enjoy the benefits of having the best, most efficient air transport system in the world today.

According to Statistics Canada, the total number of passengers enplaned and deplaned in Canada increased by 30 percent between 2008 and 2016. While the demand for air travel is increasing, our members are also making strategic investments to support greater efficiency. For example, \$30 billion will be invested by NACC airlines on new aircraft featuring more fuel efficient engines and better aerodynamics from 2005-2020.

Air transport has become an essential link between people and communities. However, what is not always evident are the complexities involved in getting a passenger to the destination. It involves the coordinated efforts of hundreds of dedicated people working for airlines, airports, air traffic control, air



EXHIBIT B  
Letters of Support

**NACC**  
National Airlines  
Council of Canada



**CNLA**  
Conseil national des lignes  
aériennes du Canada

security, and border services. It also involves having dedicated access to aviation fuel to ensure that our vehicles can move passengers and goods. Our members rely on the aviation fuel delivered through Imperial's Sarnia Products Pipeline. Its replacement supports continued reliability of our industry as we serve the growing population and business presence in the Greater Toronto and Hamilton Area.

We appreciate having the opportunity to provide this letter in support of the Waterdown to Finch Project, and we look forward to the progression of this project to enable the continued safe and reliable operation of our air transit carriers.

Sincerely,

**NATIONAL AIRLINES COUNCIL OF CANADA**

Massimo Bergamini  
President and CEO

CC: Sarah Virtue, Sales Manager, Aviation Products, Imperial Oil

November 21, 2018

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
PO Box 2319  
2300 Yonge Street, 27th Floor  
Toronto, ON M4P 1E4

**RE: Imperial SPPL Waterdown to Finch Project**

Dear Ms. Walli:

For more than a century, the Ontario Chamber of Commerce (OCC) has supported economic growth in Ontario by advocating for business priorities on behalf of our diverse 60,000 members, including local chambers of commerce and boards of trades in over 135 communities across the province. The OCC's vision is to foster a vibrant and economically sustainable province that is driven by an innovative, successful and ever-expanding business community.

The OCC supports Imperial's Waterdown to Finch Project and its respective leave to construct application with the Ontario Energy Board. Imperial has provided the OCC with technical briefings on its infrastructure replacement plan, the rigorous regulatory and permitting process it is following, the extensive lengths it is taking to protect the environmental and public safety, and how this project will support continued reliable supply of diesel, gasoline and jet fuel for both households and businesses.

The OCC is aligned with Imperial's efforts to build a stronger Ontario, as well as the long-term benefits of the Sarnia Products Pipeline to provide access to a reliable and affordable supply of energy to keep Ontario's economy moving.

Imperial is also active in building awareness among our members. In June 2018, Imperial participated in an energy-sector dialogue, hosted by the OCC, which looked at innovation within the fuels sector and the province's demand projections over the next 20 years. Our members had an opportunity to ask a variety of questions related to fuel supply and megatrends that are driving the demand for energy, and the role that technology and innovation are playing in unlocking the potential of Canada's energy resources. It was a fascinating discussion for our members, sector participants and industry leaders.

When a member asked about how Imperial would ensure that public interest is maintained in its infrastructure development, the Imperial speaker noted that timely and effective engagement with stakeholders and communities is critical. For the Waterdown to Finch Project, the speaker indicated,

that Imperial has underscored just how critical the pipeline is for reliability in the region, and that the project is about replacing infrastructure and sustaining existing capacity.

As Ontario's leading business advocate, the OCC understands the importance of supply reliability of fuel products for businesses and consumers alike. We understand the significance of Imperial's Sarnia Products Pipeline as it relates to the long-term sustainability and economic growth of our province. Founded in Ontario, Imperial currently accounts for a significant workforce of both employees and contractors across the province. The company's economic footprint spans well beyond their core business as they connect Ontarians with better jobs and services, and enable more efficient movement of goods across the globe.

The OCC looks forward to continued improvements to Imperial's infrastructure in Ontario, including the Waterdown to Finch Project, as a means to strengthen business competitiveness and the economic prosperity of the province.

Sincerely,

A handwritten signature in black ink, appearing to read 'Rocco Rossi'.

Rocco Rossi  
*President and CEO*  
*Ontario Chamber of Commerce*



February 14, 2019

Ms. Kirsten Walli, Board Secretary  
Ontario Energy Board  
2300 Yonge Street, 27th floor  
Toronto, ON M4P 1E4

Dear Ms. Walli,

**Re: Imperial SPPL Waterdown to Finch Project**

The Toronto Region Board of Trade ("the Board") advocates on behalf of our more than 13,500 members to make Toronto one of the most competitive and sought-after business regions in the world. Competitive global regions are built on a network of strong infrastructure, including both transportation and energy. The Board is pleased to write in support of Imperial's Waterdown to Finch pipeline project.

The economy of the Toronto region relies on a robust supply of oil and natural gas products; indeed, it is often taken for granted. However, any disruption to this essential infrastructure could prevent cars from fueling up, keep planes at Toronto Pearson airport grounded, and cut off home heating for most residents in the GTHA.


Imperial's proposed pipeline replacement project is prudent, occurring before the end-of-life, and privately-funded, requiring no taxpayer dollars to subsidize its construction. The project's routing and intended construction methods also seek to minimize disruption to nearby businesses and residents, as well as to the major highways that millions of vehicles traverse every day.

This project presents an ideal, straightforward case study: replacing existing infrastructure with like-for-like, to transport a vital made-in-Canada product a relatively short distance to enable Canadian transportation and economic development.

In the absence of this project, hundreds of trucks would be needed on local highways to provide the fuel required for Toronto Pearson to continue operating, in addition to the gasoline required for other vehicles in the region.

The Board urges the Ontario Energy Board to grant Imperial's Waterdown to Finch Project its Notice to Proceed in a timely matter, allowing this essential infrastructure project to proceed.

Sincerely,



Jan De Silva  
President & CEO



EXHIBIT B  
Letters of Support

# Flamborough Chamber of Commerce

#227 – 7 Innovation Dr. Flamborough, ON L9H 7H9  
T: 905-689-7650 F: 905-689-1313

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February 19, 2019

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
PO Box 2319  
2300 Yonge Street, 27th Floor  
Toronto, ON M4P 1E4

Re: Imperial Sarnia Products Pipeline Waterdown to Finch Project

Dear Ms. Walli:

Please accept this letter in support of Imperial's Waterdown to Finch Project as part of the company's continued focus on safe and reliable fuels supply to our region.

The Flamborough Chamber of Commerce (FCC) has been serving the business community of the Greater Flamborough Area since 1982, and is known for its active and diverse membership of large corporations and family-owned businesses. Today, Flamborough is undergoing an unprecedented period of growth – both residentially and industrially.

As a distinct part of the City of Hamilton, the Flamborough community offers a unique blend of rural lifestyles and dynamic economic development opportunities. It is comprised of many villages and hamlets that contribute to its character and charm. Flamborough, particularly downtown Waterdown, continues to grow as the largest suburban community, containing almost one third of the district's thirty thousand citizens.

With its current and future growth, Flamborough is eagerly working towards the planned Waterdown bypass, which will allow for less congestion and easier access across the city. Sustainable transportation and infrastructure serve as the foundation of our growth. Safe and reliable fuels supply will support this foundation as growth translates into moving more people and businesses effectively throughout our region.

Flamborough is an attractive area to conduct business, as well as a desirable place to live. Imperial has long been part of this landscape with its local office and employees who manages important fuels distribution infrastructure in the area. Imperial's Waterdown to Finch Project is expected to further contribute to the local economy in addition to the company's established presence. Local participation in Imperial's project will be possible through procurement opportunities and construction activities.

The FCC continues to serve the business community of the Greater Flamborough Area, having been identified as the region's "Voice of Business." We support Imperial's commitment to our community and proactive investment to maintain safe operations and reliable supply in our region.

Most sincerely,

**Matteo Patricelli**  
Executive Director  
Flamborough Chamber of Commerce  
[matteo@flamboroughchamber.ca](mailto:matteo@flamboroughchamber.ca)  
O: 905-689-7650 M: 289-489-6913

## **EXHIBIT C            PURPOSE, NEED, PROPOSED PROJECT AND TIMING**

## 1. PURPOSE, NEED, PROPOSED PROJECT, AND TIMING

### *Purpose and Need for Proposed Project*

1. Imperial's SPPL is important infrastructure that provides petroleum products used by households and businesses across the Greater Toronto and Hamilton Area. Products include a significant portion of jet fuel for Toronto Pearson International Airport, as well as gasoline and diesel fuel that keep people, goods and services moving throughout the region. To support continued safe, reliable, and environmentally responsible transportation of products, Imperial is planning to construct and operate approximately 63 kilometres of pipeline between the company's Waterdown Station and Finch Terminal to replace the transportation capabilities of the existing SPPL.
2. Figure 1-1 below shows the existing Imperial SPPL network in Ontario.
3. Imperial has elected to replace the SPPL at this time as part of the ongoing integrity management system. Other possible options to replace the transportation capacity of the SPPL, such as truck transportation, were not considered suitable alternatives due to safety and traffic congestion in this highly urbanized region.
4. The Waterdown to Finch segment of the SPPL has operated safely since it was constructed in the mid-1950s. Imperial attributes this record of safe and reliable operations to its preventative maintenance and proactive pipeline inspection programs. The pipeline is monitored 24 hours a day, 365 days a year through pressure monitoring by a remote control centre. Weekly aerial patrols and patrols by truck and by foot are conducted along the pipeline's path and specialized tools such as SmartBalls and Smart Pigs are used to confirm both internal and external characteristics of the pipeline and identify necessary repairs. Ongoing maintenance work, known as integrity digs, facilitates continued safe pipeline operations through physical inspection and installation of repair sleeves to reinforce the pipeline. Since 2014, an average of 16 digs have been conducted per year as part of the ongoing integrity dig program.
5. The operating pressure of the existing 12-inch carbon steel pipeline can vary based on the product being shipped, as well as the current supply and demand balance, but never exceeds the maximum regulated limit. To further support safe operations, Imperial reduced the pipeline segment's operating pressure in 2014 as part of its integrity management system.
6. The SPPL transports important refined fuel products such as diesel, gasoline and jet fuel, which are shipped through the same pipeline using a method called 'batching'. This includes moving a specific volume of one product through the pipeline, known as a batch, before switching to the next product type. The products are pumped consecutively without a physical barrier between the fluids. The pure product is received and separated into tanks for quality testing and further delivery at the Finch Terminal, while the mixed portion of products between batches is removed for further processing. The replacement pipeline will continue to operate using this method to deliver multiple refined products to market.
7. The purpose of replacing the Waterdown to Finch segment of the SPPL is to support continued safe and reliable pipeline operations for decades to come.

### *Proposed Project*

8. The proposed Project involves installation of approximately 63 km of a new 12-inch diameter pipeline and associated infrastructure between Imperial's Waterdown Station and Finch Terminal.
9. In consideration of social and environmental constraints, and to minimize impact on infrastructure and other land uses in the area, the new pipeline will be constructed following the existing SPPL route as closely as possible. The existing pipeline is located within an Imperial right-of-way ("ROW") for

approximately 18.8 km, and within a ROW managed by Hydro One Networks Inc. ("HONI") for approximately 43.7 km. New easements will be required on a limited number of private lands and Imperial will work directly with the affected landowners to obtain these agreements. New easements will also be required within the HONI ROW, and Imperial is working with HONI and Infrastructure Ontario to secure the necessary agreements. Pipelines owned by other operators inside the ROW will continue to operate without disruption.

10. Infrastructure associated with the new pipeline will include valves and launchers/receivers which are necessary to launch and receive pipeline inspection tools. Valve design and placement will be in compliance with TSSA requirements and Canadian Standards Association ("CSA") Z662. A cathodic protection system consisting of rectifier and anode beds will be installed to protect the pipeline from corrosion. Alternating current mitigation will be accomplished by installing zinc ribbon with the pipeline to prevent corrosion.
11. The new pipeline will be constructed using the following general methods:
  - trenched; and
  - trenchless.

Trenchless construction will be used for approximately 22 km of the Project to minimize impacts on environmentally or socially sensitive features and other infrastructure and land uses. Trenchless construction requires an entry and exit site on either side of the feature or infrastructure to be crossed, from which equipment will install the pipeline under the feature without surface disturbance. The two trenchless methods that will be used are:

- Bore drilling, including horizontal directional bore ("HDB"), which involves installing pipe using specialized auger drilling equipment, typically used for short segments of trenchless construction, such as beneath single crossings of provincial and municipal roads and railroads.
  - Horizontal directional drill (HDD), which involves installing pipe using a drilling rig to drill a tunnel below the surface to pull the pipeline through. HDD will typically be used for longer segments of trenchless construction, such as beneath large watercourses, or multiple adjacent sensitive features.
12. Please refer to Exhibit H, Tab 3, Schedule 8 for a video describing the trenchless construction method. For project description details, please refer to Exhibit D, Tab 1, Schedule 2 Environmental Report.
  13. After the pipeline is installed, the existing SPPL will be purged of product, deactivated and left in-place, following all relevant safety and technical standards. Please refer to Exhibit H, Tab 3, Schedule 9 and 10 for a video describing pipeline deactivation and safety, respectively.
  14. Other projects initiated by Imperial in the vicinity of the Project that are not part of the scope and are addressed through separate regulatory processes include:
    - deactivation of the existing SPPL pipeline between Waterdown Station and Finch Terminal;
    - the Credit River Valley Project (a replacement of the current SPPL crossing of the Credit River); and
    - realignment of the current SPPL to accommodate the Metrolinx Finch West LRT Project.
  15. The Project map is shown in Figure 2-1 below.

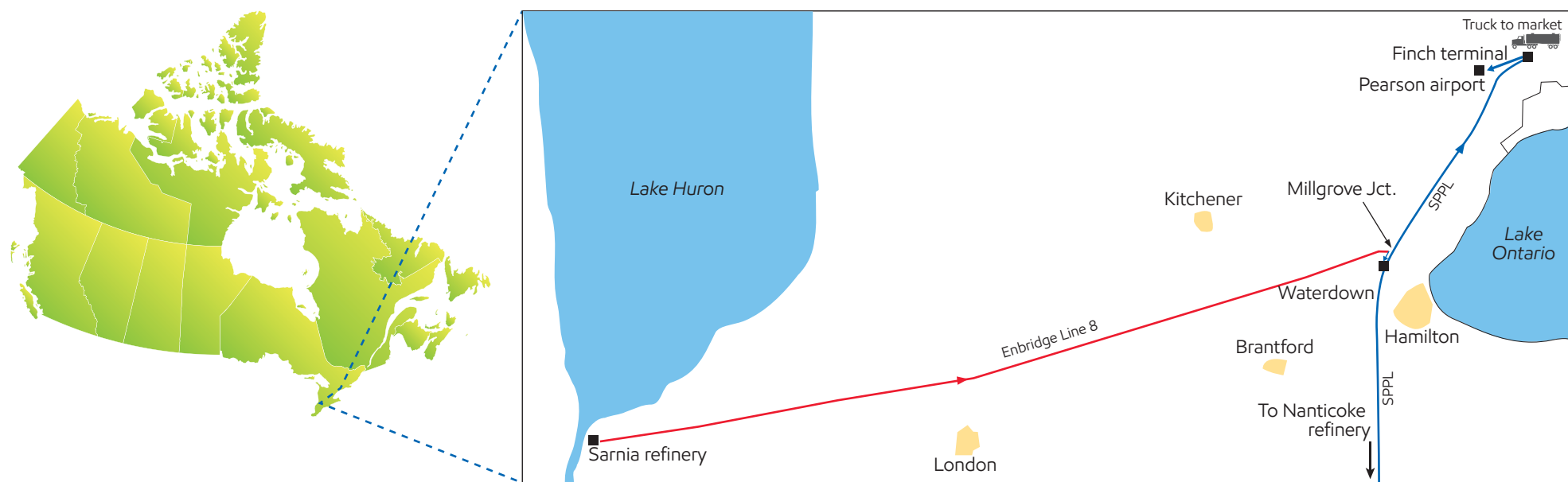
### *Project Timing*

16. Subject to regulatory and permitting approvals, the Project construction is planned to occur from December 2019 to November 2020. Once operational, the pipeline is expected to operate for more than 50 years. The construction schedule can be found in Exhibit E, Section 6.



Imperial

# Figure 1-1: SPPL Network



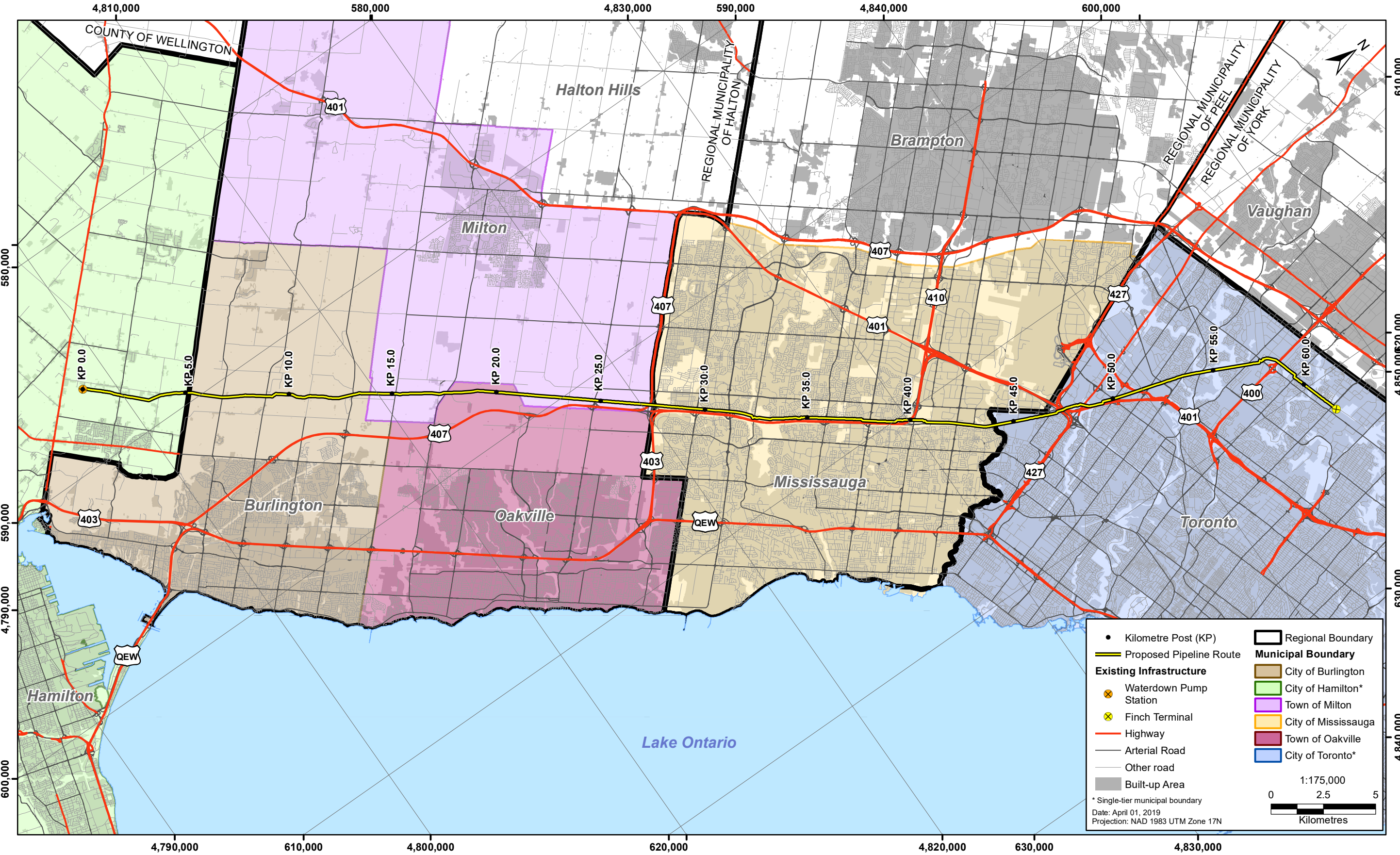
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## **2. MAP OF PREFERRED ROUTING**

Figure 2.2-1  
Waterdown to Finch Project Overview

EXHIBIT C  
Purpose, Need, Proposed Project and Timing

Updated: 2019-04-02  
EB-2019-0007  
Tab 1, Schedule 2  
Page 3 of 3



## **EXHIBIT D            ROUTING AND ENVIRONMENTAL**

## 1. ROUTE SELECTION

1. The following general criteria were used in selecting the proposed pipeline route and construction methods:
  - The existing Imperial easement will be followed as closely as possible to minimize impacts on current land uses.
  - Existing Imperial valve surface locations will be used wherever possible to minimize the footprint of above-grade facilities.
  - The new pipeline will tie into additional new SPPL installations, such as Credit River Crossing and Finch Avenue realignment which are anticipated to be completed prior to construction.
2. The route evaluation and decision are supported by desktop studies, field survey information, various physical, environmental, and socio-economic field surveys, consultation with regulators and other stakeholders, and constructability reviews.
3. Because the Project will be sited within an existing Imperial easement from KP 0 to KP 18.8, an alternative route was considered only within the urban area from KP 18.8 to KP 62.5. This alternative route underwent detailed review, but was deemed not feasible because in comparison to the proposed project route it:
  - increases the length of the pipeline route by more than 14 km (a 22 percent increase);
  - crosses nearly two times as many watercourses;
  - crosses three times as many wetlands;
  - crosses an additional urban river park;
  - crosses five more railroads;
  - passes within 100 m of twice as many groundwater supply wells;
  - has 450 per cent more wildlife species of conservation concern records within one km;
  - crosses two additional conservation areas;
  - requires 10 more HDDs and nine more bores; and
  - crosses an area deemed not feasible to construct (through York University on Keele Street).
4. The proposed pipeline route was determined to be the only reasonable option, particularly within the urban landscape, because it benefits from following existing utility corridors.
5. The proposed route may be subjected to minor adjustments based on feedback of continued environmental, socio-economic input, and stakeholder consultation. For example, the following key inputs from consultation (Environmental Report Section 3 Consultation) were considered in pipeline routing and construction methods:
  - Consultation with the MNRF identified the need to schedule construction outside of sensitive timing windows for species at risk ("SAR"), limit disturbance within regulated habitat and, in some cases, utilize trenchless construction.
  - The identification of alternative construction methods such as HDD and HDB to avoid sensitive surface areas: deploying trenchless construction methods at identified river crossings and in areas of high archaeological potential to avoid impacts to known sites; deploying HDB to avoid impacts to paved roadways and disruption to traffic, where possible.

- The identification of Provincially Significant Wetlands (“PSWs”) changed the planned construction method from trenched to trenchless in certain areas with these features.
- Engagement with HONI identified the need to re-route the pipeline centreline within their utility ROW to protect power transmission infrastructure.
- Consultation with stakeholders identified the need for route deviation from urban residential properties and areas of congested utility infrastructure.

## 2. ENVIRONMENTAL REPORT

6. The ER was prepared in accordance to the OEB's *Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)* (Environmental Guidelines). The ER is a component of the LTC application for the Project. The ER describes the actions taken to date to confirm the project location, or route, for the pipeline and related construction methods and activities, considering the physical, environmental, socio-economic, archaeological, and cultural heritage conditions. Mitigation measures designed to minimize environmental and community impacts were also developed as part of the study.
7. On Feb. 1, 2019, an electronic copy of the ER was submitted during the pre-application filing to the OPCC for their early review and comment. TRCA and Conservation Halton requested a hard copy of the ER and Imperial mailed a hard copy version of the ER on the same day. The OPCC is an inter-ministerial committee chaired by the OEB and comprises provincial government ministries, authorities, and boards with potential interest in the construction and/or operation of hydrocarbon transmission facilities in Ontario. The list of OPCC members and additional regulatory agencies who received an electronic copy of the ER include:
  - Ontario Energy Board (OPCC Chair)
  - Infrastructure Ontario
  - Conservation Authorities
  - Conservation Halton
  - Credit Valley Conservation Authority
  - Hamilton Conservation Authority
  - Toronto and Region Conservation Authority
  - Ministry of Agriculture, Food, Rural Affairs
  - Ministry of Economic Development, Job Creation and Trade
  - Ministry of Energy, Northern Development and Mines
  - Ministry of Environment, Conservation and Parks
  - Ministry of Municipal Affairs and Housing
  - Ministry of Municipal Affairs, Municipal Services Office - East and West
  - Ministry of Natural Resources and Forestry
  - Ministry of Tourism, Culture and Sport
  - Ministry of Transportation
  - Niagara Escarpment Commission
  - Technical Standards and Safety Authority
  - Federal authorities
  - Fisheries and Oceans Canada
  - Transport Canada

8. On Feb. 1, 2019, an electronic copy of the ER was submitted to the following municipalities within the Project area:
  - City of Burlington
  - City of Hamilton
  - City of Hamilton
  - City of Mississauga
  - City of Toronto
  - Halton Region
  - Region of Peel
  - Town of Milton
  - Town of Oakville
9. On Feb. 1, 2019, an electronic copy of the ER was submitted to Indigenous communities. Imperial hand delivered a hard copy version of the ER to MCFN, Six Nations and HCCC/HDI. Imperial provided a courier mail hard copy of the ER to Huron-Wendat.
  - Huron-Wendat Nation
  - Mississaugas of the Credit First Nation
  - Six Nations of the Grand River
    - Six Nations Elected Council (Lands and Resources Department)
    - Haudenosaunee Confederacy Chiefs Council/ Haudenosaunee Development Institute
10. For ease of access, the OEB will make an electronic version of the ER available on its Regulatory Electronic Submission System ("RESS") application website.
11. Imperial is committed to sharing Project updates as they became available. In addition to posting project information on OEB's RESS application website, Imperial will provide electronic copies of the ER and LTC exhibits on Imperial's Project website at the following link, [www.imperialoil.ca/waterdowntofinch](http://www.imperialoil.ca/waterdowntofinch)

### 3. ENVIRONMENTAL PROTECTION PLAN

12. An Environmental Protection Plan ("EPP") and several management and contingency plans will be developed prior to construction. The purpose of the EPP is to clearly outline the management of the environmental programs during construction in an effective, systematic and documented manner. These plans will build on the key mitigation measures for the Project identified in the ER. The EPP includes the applicable requirements and compliance procedures, organizational structure, specific roles and responsibilities, procedures for training personnel, inspection and reporting, and other processes and procedures to maintain environmental compliance. It provides the standards and processes to mitigate, manage and monitor for potential environmental effects.
13. The EPP guides environmental management during construction of the Project and will be progressively developed and implemented as the Project moves through the permitting and construction phases.
14. The EPP will include a number of Environmental Management Plans ("EMPs") that will include Project-specific commitments to date, permit approval terms and conditions, and other applicable regulatory requirements. The EPP and EMPs form the basis for what will be implemented during construction.

## 4. ARCHAEOLOGY ASSESSMENT

15. The purpose of the Stage 1 archaeological assessment was to evaluate the archaeological potential of the study area and present recommendations for the mitigation of any significant known or potential archaeological resources. To this end, historical, environmental and archaeological research was conducted to enable a determination of archaeological potential. This research was augmented by a site inspection undertaken Nov. 15 - 18, 2017 to investigate and confirm areas of obvious recent disturbance.
16. The Stage 1 archaeological assessment determined that much of the study corridor contains areas of archaeological potential for both pre-Contact and post-Contact archaeological resources. Sections of the corridor, however, exhibit areas of extensive subsurface disturbance and therefore no longer hold archaeological potential. In addition, some sections have been subject to previous archaeological assessments that have cleared these areas of archaeological concerns.
17. A draft copy of the Stage 1 Archaeological Assessment report was provided to MCFN, Six Nations, HCCC/HDI and Huron-Wendat for review and comment. To date, MCFN and Huron-Wendat provided comments on the draft report.
18. MCFN provided comments on the draft Stage 1 Archaeological Assessment Report, and noted that their review identified no major concerns regarding Stage 1. MCFN provided some minor comments and clarifications which were further discussed during a teleconference meeting on Nov. 13, 2018:
  - MCFN noted that the Project is on MCFN's traditional territory and commented that, while MCFN acknowledges that the Parsons site is an ancestral Huron-Wendat village, it is imperative that MCFN participate in field work and monitoring required for the site to support the long-term care and protection. In response, Imperial agreed to modify the wording in the draft Stage 1 report to more clearly reflect MCFN's assertions on its traditional territory, and Imperial reiterated its recognition that the Parsons site is located within shared traditional territory and that the company fully understands that MCFN will participate in field work and monitoring, and will be consulted on mitigation strategies related to the site.
  - MCFN requested clarification on the Stage 2 study scope of work relating to access routes and temporary work spaces. In response, Imperial agreed that if access routes and temporary work spaces are added or altered, the project study area will be amended as necessary so that the archaeological assessment includes the full project footprint, and areas determined to have archaeological potential will be subject to further archaeological assessment.
  - MCFN also requested that the draft Stage 1 Archaeological Assessment report be redacted to protect the identification of mapped archaeological sites if the report is made publicly available. In response, Imperial noted it will submit an appropriately redacted version of the Stage 1 Archaeological Assessment report to MTCS to ensure that sensitive information is not made public. A hardcopy confidential version of the Stage 1 Archaeological Assessment report is also provided to MTCS.
19. Huron-Wendat provided comments on the draft Stage 1 Archaeological Assessment report. Huron-Wendat noted that a significant Huron-Wendat recorded archaeological site is located within the study area (i.e., the Parsons site). The Huron-Wendat review noted that the draft Stage 1 report offered generally complete summaries of the pre and post-Contact history of the region, that the report regularly referred to the appropriate *Standards and Guidelines for Consultant Archaeologists* (MTCS 2011), and that the report's conclusions were logical. In summary, the draft Stage 1 report was satisfactory for the purposes of the draft Stage 1 archaeological assessment of this study area. The Huron-Wendat Nation requested to be consulted at every stage, especially regarding the

Parsons site, and to continue with the Huron-Wendat field monitor program for field work. Huron-Wendat stressed that avoidance and/or mitigation measures must apply for any potential disturbance to their heritage. In response, Imperial reiterated its recognition that the Parsons site is an important Huron-Wendat archaeological site. Imperial fully understands that Huron-Wendat will continue to participate in field work and monitoring and consulted at every stage, including on avoidance and mitigation strategies related to the site.

20. The Stage 1 Archaeological Assessment report will be submitted to MTCS and Imperial remains open to accepting comments and feedback from MTCS on the report at any time during the review process.
21. Based on the results of the Stage 1 report, the Stage 2 archaeology assessment of the Project started in August 2018. This assessment is ongoing and includes both the assessment of the project corridor and an assessment of geotechnical borehole locations to support the evaluation of trenchless construction methods (i.e., HDD and HDB). The areas retaining archaeological potential consist of a combination of agricultural, residential, industrial and park land. The recommended method of testing for archaeological potential is through hand excavation of shovel test pits at 5 m intervals and pedestrian survey of ploughed and weathered fields at 5 m intervals, in accordance to the requirements set out in the *Standards and Guidelines for Consultant Archaeologists* (MTCS 2011).
22. MCFN, Six Nations, HCCC/HDI and Huron-Wendat continue to participate as field liaison representatives/ field monitors for the Stage 2 archaeological assessment field survey work.
23. Following completion of the Stage 2 archaeological assessment, the Stage 2 Archaeology Assessment report will be provided to Indigenous communities for their review and comment and the final version will be submitted to MTCS.

## 5. CORRESPONDENCE WITH MTCS

A summary of key correspondence with MTCS is provided in Table 5-1. Exhibit H Record of Consultation includes a record of the consultation log with MTCS.

**Table 5-1: Correspondence with MTCS**

Date	Attendees	Description	Comment
5/22/2018	MTCS	Imperial Project notification to MTCS.	N/A
6/1/2018	MTCS	MTCS advised that the Project should carry out an archaeological assessment by an archaeologist licensed under the <i>Ontario Heritage Act</i> .	Imperial responded that a Stage 1 Archaeological Assessment study in accordance with MTCS <i>Standards and Guidelines for Consultant Archaeologists</i> (2011) was being completed by Past Recovery, Imperial's licensed archaeological consulting firm under the <i>Ontario Heritage Act</i> .
6/28/2018	MTCS, ERM, Imperial, Past Recovery	Meeting held with MTCS to provide a project overview, introduce Past Recovery licensed archaeologists, and confirm archaeological assessment and cultural heritage study methodology and requirements.	Imperial explained and confirmed with MTCS archaeological assessment methodology for Stage 1 and Stage 2 and for the geotechnical investigation program. Imperial noted interest to date from MCFN, Six Nations and Huron-Wendat to participate in archaeological assessment and field monitoring program. MTCS noted potential interest by HCCC/HDI and Imperial agreed to engage and consult HCCC/HDI. Imperial noted that a draft Stage 1 report will be shared with First Nations for their review and will be open to accepting comments and feedback on the report at any time during the review process. Imperial provided MTCS with an overview of Imperial's LTC pre-application and provided information on Community Information Sessions to be held in various local municipalities in the study area.
7/17/2018	MTCS	Email sent to MTCS sharing the geotechnical investigation borehole locations and access plans for review.	On Aug 1, 2018, MTCS acknowledged receipt of document and confirmed no comment at this time.
8/3/2018	MTCS	Email sent to MTCS from Unterman McPhail Associates (UMcA) to provide details of the cultural heritage study methods.	UMcA is Imperial's licensed specialist conducting the cultural heritage assessment for the Project. On Aug 7, 2018, MTCS responded indicating that the proposed approach was satisfactory and consistent with other linear facility projects.

## EXHIBIT E      PROJECT

## **1. INTRODUCTION**

1. This section describes the proposed Project construction methods, engineering design specifications and testing methodology and procedures. The proposed Project schedule, including key milestone dates, are also included as evidence to this Application. Refer to Exhibit C, Tab 1, Schedule 1 for a description of the proposed Project.

## 2. PROJECT CONSTRUCTION METHODS

2. The new pipeline will be constructed using the following general methods:
  - Trenched; and
  - Trenchless, using drilling or boring.
3. Trench construction will be used for approximately 41 km of the Project. The trenched construction activities and sequence will be as follows (see Figure 2-1):
  - a. *Survey*: The construction site is prepared in advance with survey, signage, lighting, fences, and traffic management where needed to protect public safety. Targeted pre-construction environmental surveys may also be conducted.
  - b. *Clearing*: Vegetation in the ROW and workspace will be cleared to permit safe construction activities. Vegetation will be managed in accordance with landowner requirements if applicable, or in the case of trees, according to municipal tree removal permit conditions.
  - c. *Topsoil Clearing*: Construction equipment, including bulldozers and graders, will arrive at the site. Topsoil will be separated from subsoil where appropriate and stockpiled to one side of the workspace for restoration.
  - d. *Trenching*: A trench will be excavated to an appropriate width and depth.
  - e. *Stringing, Bending, Welding, and Coating*: The pipe is delivered to site, off-loaded, and placed on wooden skids (end-to-end) on the right-of-way. Some pipe will require bending to accommodate changes in direction and elevation of the trench. The joints of pipe are welded together into sections. The welds are inspected using non-destructive testing such as radiography, magnetic particle inspection, and liquid dye penetrant. The weld areas are then cleaned and coated with a corrosion protection coating.
  - f. *Lowering and Backfilling*: The pipe sections will be lowered into the trench. The pipe sections will be welded together in the trench (tie-in welds). The trench will be backfilled using the excavated soil, and topsoil will be replaced over the workspace and re-contoured to approximate pre-existing conditions.
  - g. *Hydrostatic Testing, Tie-in, and Commissioning*: The pipeline interior will be cleaned using specialized equipment to remove dirt or debris. The capacity for the pipeline to withstand maximum operational pressures is then tested using water, then dewatered and dried. The constructed pipeline will be connected to existing facilities at Waterdown Station and Finch Terminal; the pipeline is commissioned and begins operations.
  - h. *Clean-up and Reclamation*: The ROW and temporary workspace ("TWS") will be reclaimed or restored to natural or pre-construction contours, and the native topsoil will be replaced. In natural areas, restoration will include re-seeding the disturbed areas. In developed areas, restoration will involve leaving the site in a condition suitable to resume agricultural activity or urban landscaping.
4. Trenchless construction will be used for approximately 22 km of the Project to reduce disturbance to environmentally or socially sensitive features and other infrastructure and land uses. Trenchless construction requires an entry and exit site on either side of the feature or infrastructure to be crossed, from which equipment will install the pipeline under the feature without surface disturbance. The two trenchless methods that will be used are:
  - a. Bore drilling, including horizontal directional bore, which involves installing pipe using specialized auger drilling equipment, typically used for short segments of trenchless construction, such as

beneath single crossings of provincial and municipal roads and railroads. For this type of installation, excavations are required at the entry and exit points. These excavations are required to setup the boring machine and install the pipeline. Please see Figure 2-2 for depicting a typical trenchless construction method.

- b. HDD, which involves installing pipe using a drilling rig to drill a tunnel below the surface to pull the pipeline through. HDD will typically be used for longer segments of trenchless construction, such as beneath large watercourses, or multiple adjacent sensitive features.
- 5. Project description and project construction details are provided in Exhibit D, Tab 1, Schedule 2 Environmental Report. For typical construction drawings depicting trench and trenchless methods, see Environmental Report Appendix A.
- 6. A link to Imperial's video demonstrating a typical HDD construction method is provided in Exhibit H, Tab 3, Schedule 8.

**Figure 2-1**  
**Typical Trench Pipeline Construction Sequence**

EXHIBIT E  
Project

Updated: 2019-04-02  
EB-2019-0007  
Tab 1, Schedule 2  
Page 3 of 4

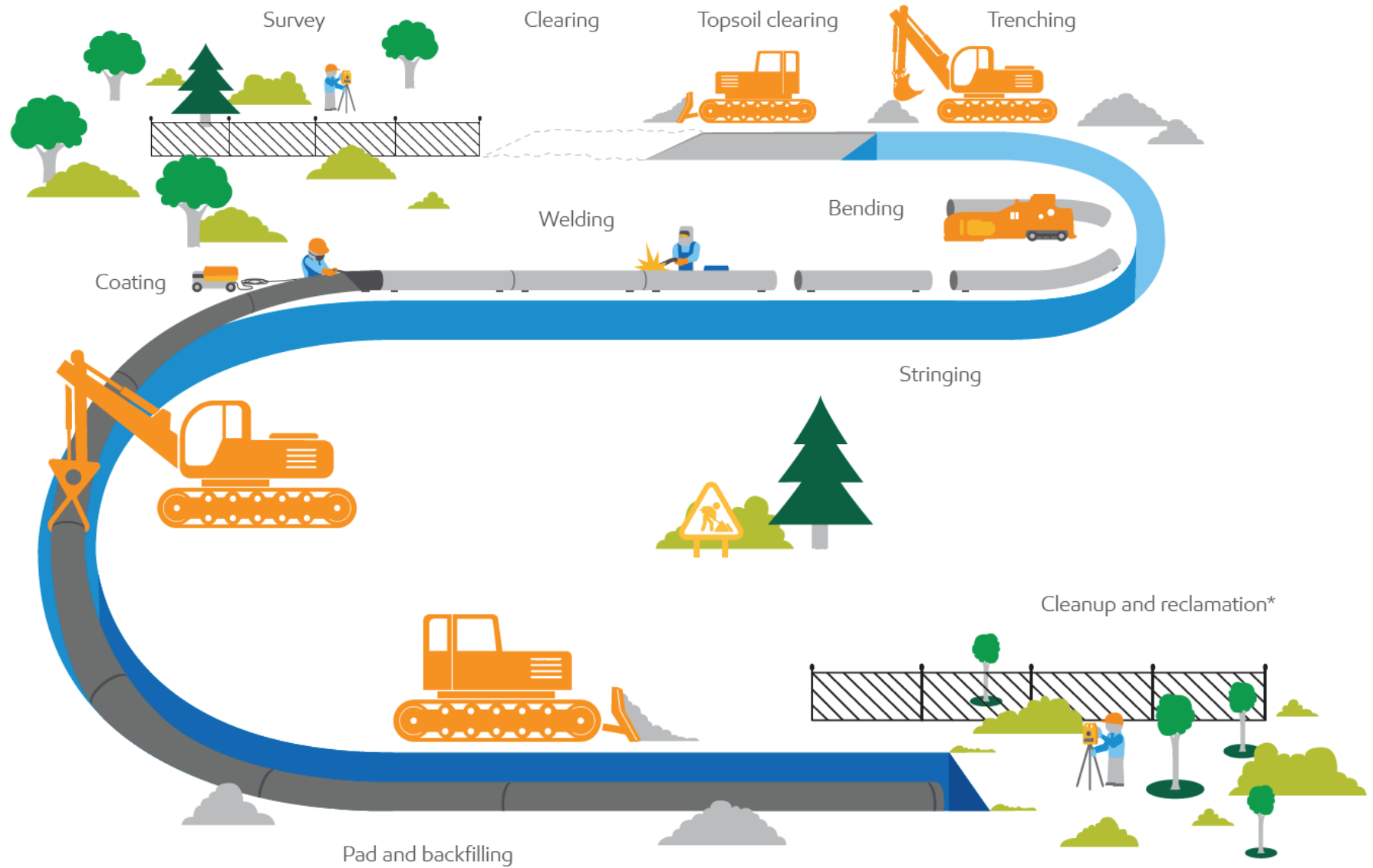
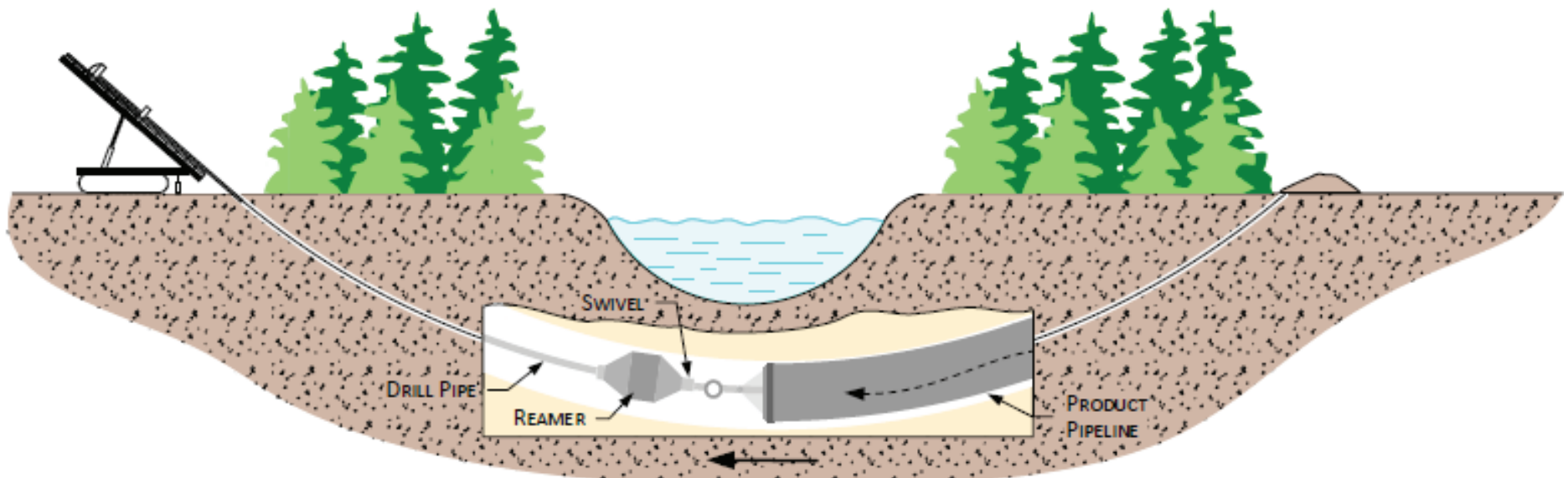


Figure 2-2

Typical Trenchless Pipeline Construction

EXHIBIT E  
Project

Updated: 2019-04-02  
EB-2019-0007  
Tab 1, Schedule 2  
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### 3. DESIGN SPECIFICATIONS

Table 3-1 provides the design specifications for the pipe, fittings and associated equipment used to construct the Project and are in compliance with CSA Z662-15. Table 3-2 provides the Class Locations along the pipeline alignment. Start and end stations are identified using KP markers as shown on Exhibit C, Figure 2.2-1.

**Table 3-1: Design Specifications**

<b>Pipe</b>	Pipe – NPS 12
<b>Material</b>	Carbon steel
<b>Diameter Size</b>	323.9 mm (12.750 inches) (NPS 12)
<b>Wall Thickness</b>	Minimum 11.9 mm (0.469 inches)
<b>Grade</b>	Minimum SMYS 448 MPa (65,000 psi)
<b>Specification</b>	CSA Z245.1 Steel Line Pipe
<b>Material Toughness</b>	CSA Z245.1 Steel Line Pipe
<b>Pipe Coating Specifications</b>	CSA Z245.20 Plant-applied external coatings for steel pipe
<b>Cathodic Protection</b>	TBD
<b>Cathodic Specification</b>	TBD
<b>Fittings</b>	CSA Z245.11 Steel Fittings
<b>Flanges</b>	CSA Z245.12 Steel Flanges
<b>Valves</b>	CSA Z245.15 Steel Valves
<b>Class Location</b>	Varies based on location (see Table 3-2)
<b>Design Pressure</b>	14,893 kPag (2,160 psig)
<b>Hoop Stress at Design Pressure</b>	202,430 kPa (29,360 psi)
<b>Maximum Operating Pressure (MOP)</b>	14,893 kPag (2,160 psig)
<b>Hoop Stress at MOP</b>	202,430 kPa (29,360 psi)
<b>Minimum Cover</b>	1.2 metres (4 feet)
<b>Test Medium</b>	The pipeline will be tested with water.
<b>Test Pressure</b>	The minimum test pressure is 18,616 kPag (2,700 psig)
<b>Hoop Stress at Test Pressure</b>	253,038 kPa (36,700 psi)
<b>Leak Pressure Test</b>	Proposed to be the same as the test pressure.

**Table 3-2: Class Locations**

Start Station (KP)	End Station (KP)	Class Location per CSA-Z662-15
0.0 – Waterdown Station	7.4	2
7.4	13.2	1
13.2	13.8	2
13.8	20.0	1
20.0	21.3	2
21.3	23.3	1
23.3	24.1	2
24.1	26.6	1
26.6	32.0	3
32.0	32.6	4
32.6	37.6	3
37.6	38.7	4
38.7	52.3	3
52.3	54.2	4
54.2	56.1	3
56.1	57.5	4
57.5	59.0	3
59.0	61.9 – Finch Terminal	4

## 4. PRESSURE TESTING

1. This section provides an overview of the hydrostatic pressure testing that consists of the strength test, leak test, pressure test plan, and HDD pre-tests.
2. The testing will be completed in accordance to Imperial standards and practices and meet the requirements of CSA-Z662-15 Oil and Gas Pipeline System and Technical Standards and Safety Authority (TSSA) – Oil and Gas Pipeline Systems Code Adoption Document Amendment FS-220-16 – July 19, 2016 (Province of Ontario).
  - Sourcing: The hydrotest water will be re-used as much as practical. Water sourcing is planned to be potable water from municipal supplies.
  - Treatment: The treatment of water prior to or following hydrotest will be evaluated.
  - Re-use of hydrotest water: The feasibility of re-using hydrotest water will be evaluated. This evaluation will consider the need for transporting and possibly storing hydrotest water between hydrotests.
  - Discharge: It is proposed to dispose of the hydrotest water into municipal waste water / sewer system in line with applicable discharge permit requirements.
3. The specifications for the pipeline are as follows:
  - Carbon steel material, Diameter: 323.9 mm (12.750 inch) x Wall Thickness: 11.91 mm (0.469 inch) and Grade: GR 448, CAT II (CSA Z245.1) HFW.
  - The specified minimum yield strength (SMYS) is 448 MPa (65,000 psi) .
4. Strength Test
  - A strength test will be performed where the test section will be held at or above a pressure equal to 125 percent of the maximum operating pressure (MOP) for at least four (4) continuous hours.
5. Leak Test
  - A leak test will be performed in the case of a test section that cannot be or is not visually inspected for leakage during the test (e.g., underground, etc.). The test shall require an additional leak test of at least four (4) continuous hours at a pressure equal to or exceeding 110 percent of the maximum operating pressure (90 percent of the minimum strength test pressure) for a hazardous liquid.
6. Test Segments
  - The pipeline will be pressure tested in multiple segments. The criteria for determining the test sections include and may not be limited to: the maximum pressure differential in a segment (due to elevation change), location of main line valves, location of crossings to be re-used, consideration of sensitive areas, segment length, large natural elevation change in a short distance.
7. HDD crossing pre-tests
  - The pipe for HDDs will be pre-tested. Prior to being pulled into the ground the pipe for each HDD section will welded together on the surface and each weld will be non-destructively examined. The welded section will be pressure tested (pre-test), consisting of a strength test. A leak test will not be required for the HDD test sections since all of the pipe can be visually inspected during the strength test.

## 5. PROJECT COSTS (SECTION NOT APPLICABLE)

1. Imperial is a non-rate regulated entity, it is a private corporation and the cost of the proposed Project will be borne by the Applicant. As confirmed with OEB staff during the pre-application planning, the Project Cost section is not applicable.

## 6. SCHEDULE

1. Project construction is planned to occur from December 2019 to November 2020. Construction is anticipated to take 8 to 10 months and commissioning approximately one (1) month. Subject to receipt of all necessary permits and approvals, Imperial anticipates a proposed line in-service date in late Q4 2020.
2. The project milestones are summarized in Table 6-1 and the construction schedule is shown in Figure 6-1. Once operational, the pipeline is expected to operate for over 50 years.

**Table 6-1: Project Milestones**

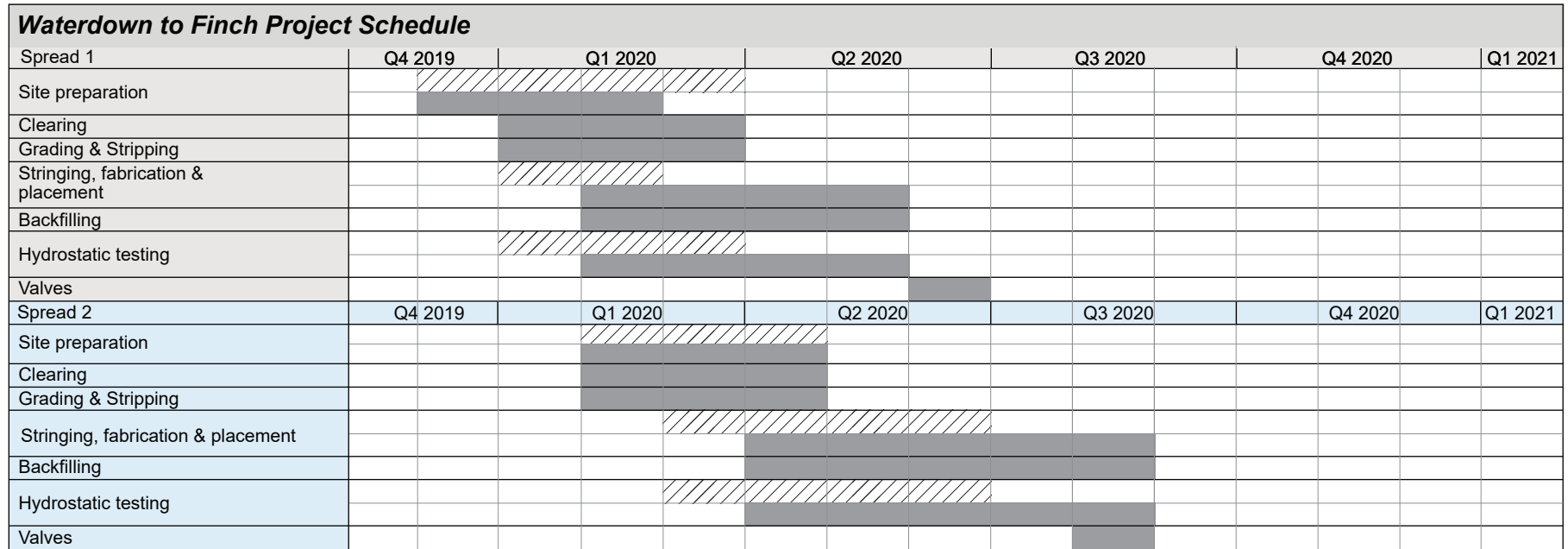
Expected LTC approval	Q3 2019
Receipt of permits and approvals	Q3 2019
Commence construction	Q4 2019
Completion of construction	Q3 2020
Complete hydrostatic testing	Q3 2020
Commissioning	Q4 2020
Final inspection	Q4 2020
Line in-service	Q4 2020
Site restoration <sup>1</sup>	Q3 and Q4 2020

<sup>1</sup> This is related to clean-up and reclamation – the ROW and TWS will be reclaimed or restored to natural or pre-construction contours, and the native topsoil will be replaced. In natural areas, restoration will include re-seeding the disturbed areas. In developed areas, restoration will ensure the site is returned to a condition suitable to resume agricultural activity or urban landscaping.

# Figure 6-1 Project Construction Schedule

EXHIBIT E  
Project

Updated: 2019-04-02  
EB-2019-0007  
Tab 1, Schedule 6  
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	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020	Q1 2021
Tie-in to existing facilities						
Commissioning						
Clean-up & restoration						



## **EXHIBIT F      LAND MATTERS**

## 1. SUMMARY OF LAND MATTERS

1. The new pipeline will be constructed following the existing SPPL as closely as possible, in consideration of environmental and social constraints, and other infrastructure and land uses in the area. The existing pipeline is within an Imperial easement for approximately one-third or 18.8 km (11.6 mi), on fee simple lands. Approximately two-thirds or 43.3 km (26.8 mi) will be within a corridor managed by HONI on non-fee simple lands that are owned by the Province and administered by IO.
2. Designing the Project to be constructed following the existing SPPL as closely as possible and within existing easement allows Imperial to minimize incremental environmental and stakeholder impacts and facilitates safe and efficient operations and maintenance. A map outlining the Project's location is provided in Exhibit C, Tab 1, Schedule 2.
3. There are 406 parcels required for the Project owned by 169 landowners and/or agencies as shown in Table 1-1.

**Table 1-1: Total Parcels Required for the Project**

Acquisitions/ Permits	Number of Parcels	Number of Landowners/ Agencies
Private (with existing easement)	75	107
Private (without existing easement)	33	40
Conservation Authority	4	2
Local Distribution Company	2	2
HONI/ Infrastructure Ontario	76	1
HONI	6	1
MGCS	26	1
Municipal (surplus lands)	29	Agencies accounted for below in Municipal (Public Road)
Railroad	4	3
Railroad (surplus lands)	7	Agency accounted for above in Railroad
School Board	3	2
MTO	22	1
Municipal (public road)	114	8
Pipeline	2	1
MTO/ MGCS	1	Agencies accounted for above
MTO/ Municipal (surplus)	1	Agencies accounted for above
MTO/Municipal (public road)	1	Agencies accounted for above
<b>Total</b>	<b>406</b>	<b>169</b>

4. The project corridor crosses six municipalities identified in Table 1-2.

**Table 1-2: Pipeline Corridor by Municipality**

Municipality	Kilometres (Miles)	Percentage (%)
Burlington	8.76 (5.44)	14.14
Hamilton	5.17 (3.21)	8.34
Milton	10.18 (6.33)	16.43

Municipality	Kilometres (Miles)	Percentage (%)
Mississauga	16.52 (10.27)	26.67
Oakville	3.46 (2.15)	5.58
Toronto	17.86 (11.10)	28.83
<b>Total</b>	<b>61.96 (35.50)</b>	<b>100.00</b>

5. Land use zoning along the project corridor is a combination of fee simple agricultural land, residential, commercial, industrial, transportation/ transit corridors (i.e., highways), utility corridors (i.e., transmission lines) and parks and open space.

## 1.1 Land Rights Required

6. The Project will require a combination of new and existing easements, including permanent and temporary land rights. Imperial's existing easement is approximately 15.2 m (50 ft) wide in fee simple lands and 3.05 to 6.10 m (10 to 20 ft) in provincial lands and runs between KP 0 Waterdown Station and KP 62 Finch Terminal. The total estimated area required is outlined in Table 1.1-1.

**Table 1.1-1: Total Estimated Land Area Required**

Facility	Approximate Area Hectares (Acres)
Existing Easement	52.80 (130.41)
New Permanent Easement	5.01 (12.39)
Temporary Workspace	59.73 (147.60)
Additional Temporary Workspace	106.70 (263.66)
Permanent Valve Locations	0.02 (0.05)
<b>Total</b>	<b>224.26 (554.11)</b>

7. The following sections outline the requirements for each type of land right that will need to be acquired, including the area, the agreement type and land requirement (permanent or temporary).

## 1.2 Existing Easement

8. Where possible, Imperial will construct the pipeline adjacent to the existing SPPL within Imperial's existing easement provided there is sufficient space to allow for the installation of the pipeline. Imperial will use its existing multi-line easement rights to re-enter the lands. The majority of Imperial's existing easement rights are 15.24 m (50 ft) in width and include provisions for the placement of additional pipes within the existing easement. The existing easement will be utilized for approximately 18.8 km (11.6 mi) of the Project. Imperial existing easement continues for the remaining 43.2 km (26.8 mi) and will be utilized where applicable. The estimated easement requirements by stakeholder type are shown in Table 1.2-1. Additional permanent and/or temporary rights adjacent to the existing easement will be needed as described in Section 1.3 and 1.4, respectively.

**Table 1.2-1: Estimated Existing Easement Requirements by Stakeholder Type**

Stakeholder Type	Parcel Count	Total Directly Affected Area Hectares (Acres)	Percentage (%)
Conservation Authority	1	0.47 (1.17)	0.90
HONI	2	0.90 (0.22)	0.16
HONI / Infrastructure Ontario	36	22.50 (55.50)	42.56
MGCS	8	0.60 (1.49)	1.14
MTO	2	0.19 (0.48)	0.37
Municipal	9	0.30 (0.74)	0.56
Municipal (Surplus Lands)	7	2.84 (7.03)	5.39
Pipeline	1	0.47 (1.16)	0.89
Private	58	24.34 (60.14)	46.13
Railroad	1	0.05 (0.12)	0.09
Railroad (Surplus Lands)	3	0.96 (2.36)	1.81
<b>Total</b>	<b>128</b>	<b>53.62 (130.41)</b>	<b>100.00</b>

### 1.3 New Permanent Easement

9. The Project will use a portion of the existing easement to minimize the total new permanent easements required. Additional new permanent easements are required adjacent to the existing easement in a few locations on fee simple lands, approximately 0.65 km (0.40 mi) accounting for five (5) privately owned properties. In these cases, Grant of Easement agreements will be executed with the registered landowner to secure the additional permanent easement for the pipeline installation. The new permanent easement needed is generally 2 to 10 m (6.56 to 32.80 ft) wide. Variations in the width may occur due to location of existing lines within the existing easement and as required by engineering standards for separation between pipelines.
10. Additional new easements will also be required within a corridor managed by HONI/IO on non-fee simple lands for approximately 43.3 km (26.9 mi). Within the HONI/IO managed corridor lands Imperial is proposing a 0.3 m (one foot) wide easement where Imperial currently has an overlapping existing easement and where trenchless construction methods are proposed. A 1.5 m (five foot) wide easement is being proposed on HONI/IO corridor lands where Imperial does not have an overlapping existing easement within the HONI/IO managed corridor lands. In order to minimize impacts to HONI's operations and competing land use in the area, Imperial has reduced the width requirements to the extent possible. Further breakdown of requirements for permanent easement by land ownership is outlined in Table 1.3-1.
11. Imperial will be required to obtain permanent easement agreements for approximately 206 parcels covering five (5) ha (12.38 ac).

**Table 1.3-1: Permanent Easement Requirements by Stakeholder Type**

Stakeholder Type	Parcel Count	Total Directly Affected Area Hectares (Acres)	Percentage (%)
Conservation Authority	2	0.01 (0.03)	0.24
HONI	3	0 (0.01)	0.08
HONI / Infrastructure Ontario	73	3.52 (8.69)	70.24
Local Distribution Company	-	-	-
MGCS	5	0.18(0.44)	3.55
MGCS; MTO	1	0.04 (0.11)	0.86
MTO	18	0.47 (1.16)	9.36
Municipal	70	0.30 (0.75)	6.03
Municipal (Surplus Lands)	19	0.20 (0.50)	4.01
Pipeline	2	0.02 (0.07)	0.55
Private	5	0.20 (0.54)	4.34
Railroad	4	0.01 (0.04)	0.35
Railroad (Surplus Lands)	3	0.02 (0.05)	0.38
School Board	1	0 (0.001)	0.01
<b>Total</b>	<b>206</b>	<b>4.97 (12.38)</b>	<b>100.00</b>

12. Land rights to construct, operate, and maintain the pipeline will be obtained by negotiating directly with the registered owners of the land for fee simple properties. For lands that are owned by a mixture of industry, municipalities, conservation authorities and provincial ministries these lands will be acquired through a variety of different agreements based on the requirements and/or requests from the owners of those lands. Agreements may include permits, easements, third party crossing agreements, or licence agreements. If land rights are not acquired upon approval of the Project, Imperial may consider using the OEB established process to resolve those instances where acceptable resolutions with registered landowners have not been achieved.

#### 1.4 Temporary Workspace

13. Temporary workspace ("TWS") will be required adjacent to the new and existing easement and will be used to store material, string and weld segments of pipe and as workspace to install the pipeline. Trenchless drilling rigs will also be setup within the TWS. Additional extra temporary workspace ("ETWS") will be required at bends, corners, road crossings, bores, HDD locations for construction activities such as stockpile sites, equipment loading/unloading locations, parking and access to the ROW. Existing access roads will primarily be used but may require improvements such as widening, culverts or upgrading existing approaches. Both TWS and ETWS will be acquired using a Temporary Workspace Lease Agreement. The TWS is adjacent to the new and existing easement typically 10 m (32.80 ft) wide (depending on the location) for an approximate total area of 64.46 ha (159.28 ac). ETWS width and area varies at each location based on use. The total area required for ETWS is approximately 106.70 ha.
14. The total combined width of the permanent easement and TWS on fee simple lands required for construction will be approximately 25 m (82.02 ft).

15. Imperial will be required to obtain temporary agreements for approximately 265 parcels covering 166.43 ha (411.25 ac) as shown in Table 1.4-1.

**Table 1.4-1: TWS/ETWS Requirements by Stakeholder**

Stakeholder Type	Parcel Count	Total Directly Affected Area Hectares (Acres)	Percentage (%)
Conservation Authority	4	0.44 (1.09)	0.27
Hydro One	7	1.33 (3.28)	0.80
Hydro One/Infrastructure Ontario	66	69.98 (172.92)	42.05
Local Distribution Company	1	0.45 (1.10)	0.27
MGCS	24	8.90 (22.00)	5.35
MGCS;MTO	-	-	-
MTO	11	3.74 (9.24)	2.25
Municipal	32	3.83 (9.47)	2.30
Municipal (Surplus Lands)	26	10.53 (26.01)	6.32
Pipeline	2	3.50 (8.55)	2.08
Private	83	52.54 (129.84)	31.57
Railroad	-	-	-
Railroad (Surplus Lands)	7	10.86 (26.84)	6.53
School Board	3	0.37 (0.92)	0.22
<b>Total</b>	<b>265</b>	<b>166.47 (411.26)</b>	<b>100.00</b>

## 1.5 Above Ground Facilities Agreement

16. Infrastructure associated with the new pipeline will include new valves and launchers/receivers (infrastructure necessary to launch and receive pipeline inspection tools). The majority of the mainline valve ("MLV") improvements will be upgraded within the existing footprint and no new permanent rights will be required. The existing agreements or permits in place allow for the improvements to occur within the existing facility. Where additional permanent rights are required, an Above Ground Facilities Agreement will be used, agreement type pending. There are three MLVs that will require additional permanent land takings outside of the existing facility footprint (Table 1.5-1). Where improvements are required on non-fee simple lands, the respective agency agreements will be used to obtain the required surface land rights. The MLV locations and land requirements are summarized in Table 1.5-1.

**Table 1.5-1: Mainline Valve (MLV) Locations and Land Requirements**

MLV Site #	Description	Location	Number of Parcels	Number of Landowners	Additional Land Rights Required
1	Walkers Line	11026.26	1	1	Above Ground Surface Lease required.
2	Henderson	17255.19	1	2	No additional land rights required.
3	Mississauga	32370.02	1	1	No additional land rights required.
4	Rathkeale	34401.11	1	1	No additional land rights required.
5	Tomken	40397.49	1	1	No additional land rights required.
6	Eglinton	46630.97	1	1	Above Ground Surface Lease required.
7	Benway	52672.77	1	1	Above Ground Surface Lease required.

## 2. NEGOTIATIONS TO DATE

17. The Project traverses 406 directly affected parcels representing 108 privately-owned lands and 298 agency-owned lands. In order to construct, operate and maintain the pipeline and facilities, land must be acquired from private landowners and agencies. For the proposed pipeline, Grant of Easement agreements will be acquired for new permanent easement and Temporary Workspace Lease agreements will be acquired for TWS and ETWS. The breakdown of the stakeholders can be found in the Line List in Exhibit F, Tab 1, Schedule 8 and a summary is provided in Table 2-1.

**Table 2-1: Land Ownership for the Project**

Land Type	Parcel Count	Approximate % of Land Crossed	Number of Landowners
Private landowners Land held in fee simple	108	27	147
Agency landowners (fee simple lands owned by a mixture of industry, municipalities, Conservation Authorities and provincial ministries)	298	73	22
<b>Total</b>	<b>406</b>	<b>100</b>	<b>169</b>

18. To date, Imperial representatives have engaged landowners on the requirements for the Project and provided project-related materials as described in Exhibit H – Record of Consultation. At the time of filing this application, landowners have not been presented with land access agreements but have been adequately informed if their property will be affected and the timing of land acquisition activities. Imperial has engaged with landowners regarding multiple survey access requirements for environmental, civil, geotechnical and archaeological surveys. To date, Imperial has completed 16,407 contacts with landowners, 708 of these contacts were made in-person. Acquisition of land rights with private landowners is anticipated to start the week of Feb. 18, 2019. Meetings will be scheduled with the registered landowners on title to present the appropriate land access agreement for each property along with compensation and a property sketch showing the area of the proposed taking.

### 3. LAND-RELATED PERMITS AND AGREEMENTS REQUIRED

19. The Project will cross linear features and facilities including watercourses, roads, highways, power lines, communication lines, railways, oil and gas pipelines and other utilities. Imperial will design its pipeline and obtain consents from each facility owner in accordance with regulatory requirements. The list of land-related permits and agreements required, the purpose of each permit and the corresponding authority having jurisdiction with associated contact information is provided in Table 3-1.
20. Imperial commenced land-related permitting discussions with permitting authorities and various public and private agencies through an initial routing submission package on Aug. 14, 2018. Imperial anticipates receipt of these agreements from the various permitting authorities within six to eight months of final application, prior to construction start.

**Table 3-1: Permits and Agreements Required**

Authority	Purpose
<b>Canadian National Railway</b> Eastern Canada Division of Engineering 1 Administration Road, Concord, ON L4K 1B9 Megan Whalen, <i>Engineering Technician</i> Telephone: 905 669-3184 Email: permits.gld@cn.ca	Pipeline Crossing Agreement Permanent Easement (if necessary) Work Permit
<b>Canadian Pacific Railway</b> Engineering – Public Works 1290 Central Parkway West, Mississauga, ON L5C 4R3 Jack Carello, <i>Manager, Utilities and Flagging</i> Telephone: 905 803-3417 Email: jack_carello@cpr.ca	Utility Crossing Agreement Limited Right of Access Agreement Release of Liability Agreement
<b>Metrolinx</b> Third Party Projects and Utilities 20 Bay Street, Suite 600, Toronto, ON M5J 2W3 AECOM (on behalf of Metrolinx) Transit & Rail, Transportation, Canada 5080 Commerce Boulevard, Mississauga, ON L4W 4P2 Dean Bragg, <i>Third Party Projects Officer</i> Telephone: 416 202-3651 Email: dean.bragg@metrolinx.com Manan Raval, <i>Project Manager</i> Telephone: 905 206-8567 Email: manan.raval@aecom.com	Pipeline Crossing Agreement Permanent Easement (if necessary) Work Permit
<b>Ministry of Transportation</b> Corridor Management Section 159 Sir William Hearst Avenue, Toronto, ON M3M 0B7 Christian Singh, <i>Senior Project Manager</i> Telephone: 416 235-4276 Email: christian.singh@ontario.ca 407 ETR Concession Company Limited Highway Engineering Services 6300 Steeles Avenue West, Woodbridge, ON L4H 1J1 Dragan Mrkela, <i>Engineering Technician</i> Telephone: 905 265-4070 ext. 5479 Email: dmrkela@407etr.com	Encroachment Permit Building and Land Use Permit Permanent Easement (if necessary) Licence Agreement Entrance Permit (if necessary)

Authority	Purpose
<b>Hydro One Networks Inc. / Infrastructure Ontario</b> Facilities and Real Estate Services 185 Clegg Road, Markham, ON L6G 1B7 Roman Dorfman, <i>Senior Real Estate Coordinator</i> Telephone: 905 946-6243 Email: roman.dorfman@hydroone.com Robert Reynolds, <i>Land Use Agent</i> Telephone: 416 721-3772 Email: Robert.Reynolds@HydroOne.com	Permanent Easement Construction and Encroachment Agreement Temporary Use and Access Agreement Technical Review Approval Notice of Entry
<b>Ministry of Government and Consumer Services / Infrastructure Ontario</b> Land Transactions, Hydro Corridors & Public Works 1 Dundas Street West, Suite 2000, Toronto, ON M5G 1Z3 DEL Management Solutions Inc. (on behalf of MGCS / IO) IO Property and Land Management Services 310 Highway 7, Green River, Locust Hill, ON L0H 1J0 Han Zhang, <i>Project Coordinator</i> Telephone: 416 212-6180 Email: han.zhang@infrastructureontario.ca Donna Kerr, <i>Senior Property Manager</i> Telephone: 905 472-7300 ext. 228 Email: dkerr@dmsproperty.com	Permanent Easement Occupation Agreement (if necessary) Licence Agreement Permission to Enter
<b>City of Hamilton</b> 71 Main Street West, 7 <sup>th</sup> Floor, Hamilton, ON L8P 4Y5 David Lamont, <i>Manager</i> Geomatics and Corridor Management Section Telephone: 905 546-2424 ext. 4413 Email: david.lamont@hamilton.ca Darlene Cole, <i>Senior Business Development Consultant</i> Planning & Economic Development Department Telephone: 905 546-2424 ext. 7910 Email: darlene.cole@hamilton.ca	Harmonized Crossing Agreement Permanent Easement Temporary Limited Interest Agreement Road Occupancy Permit Entrance Permit Water Source / Water Disposal Permit Utility crossing approval
<b>City of Burlington</b> Capital Works, Design and Construction 426 Brant Street, Burlington, ON L7R 3Z6 Frank Vuk, <i>Project Coordinator</i> Telephone: 905 335-7600 Email: frank.vuk@burlington.ca	Municipal Consent Permanent Easement (if necessary) Entrance Permit Utility crossing approval
<b>Town of Oakville</b> Environmental Policy 1225 Trafalgar Road, Oakville, ON L6H 0H3 Jeffrey Lee, <i>Research Policy Analyst</i> Telephone: 905 845-6601 ext. 3149 Email: jeffrey.lee@oakville.ca	Road Crossing Agreement / Consent (if necessary) Permanent Easement (if necessary) Temporary Street Occupation Permit Park Access Permit Entrance Permit Utility crossing approval
<b>Town of Milton</b> Engineering Services 150 Mary Street, Milton, ON L9T 6Z5 Diana Jiona, <i>Manager, Infrastructure and Right of Way</i> Telephone: 905 878-7252 ext. 2513 Email: diana.jiona@milton.ca	Road Crossing Agreement Road Occupancy Permit Entrance Permit Utility crossing approval

Authority	Purpose
<b>Halton Region</b> Legislative and Planning Services 1151 Bronte Road Oakville, ON L6M 3L1 Ryan Fletcher, <i>Realty Officer</i> Telephone: 905 825-6000 ext. 7203 Email: ryan.fletcher@halton.ca	Municipal Consent Permanent Easement Entrance Permit Water Source / Water Disposal Permit Utility crossing approval
<b>City of Mississauga</b> 300 City Centre Drive Mississauga, ON L5B 3C1 Auryn Soares, <i>Storm Drainage Coordinator</i> Environmental Services Section Telephone: 905 615-3200 ext. 3363 Email: auryn.soares@mississauga.ca William Moffatt, <i>Supervisor Capital Acquisitions</i> Realty Services Telephone: 905-615-3200 ext. 4295 Email: bill.moffatt@mississauga.ca	Public Utilities Coordination Committee (PUCC) Approval Road Crossing / Encroachment Agreement Permanent Easement Access and Remediation Agreement Consent to Enter Agreement Park Access Permit Road Occupancy Permit Entrance Permit City-owned Storm Sewage Discharge Permit Utility Crossing Approval
<b>Region of Peel</b> Public Works 10 Peel Centre Drive, Suite A, 6 <sup>th</sup> Floor Brampton, ON L6T 4B9 Christina Marzo, <i>Manager, Development Services Planning</i> Telephone: 905 791-7800 ext. 4362 Email: christina.marzo@peelregion.ca	Road Crossing Agreement Road Occupancy Permit Entrance Permit Water Source / Water Disposal Permit Utility Crossing Approval
<b>City of Toronto</b> <i>Multiple Addresses</i> Doodnauth Sharma, <i>Senior Project Manager</i> Major Capital Infrastructure Coordination Office Telephone: 416 397-0784 Email: doodnauth.sharma@toronto.ca Ishan Dasgupta, <i>Property Officer</i> Real Estate Services Division Telephone: 416 392-7165 Email: ishan.dasgupta@toronto.ca Rocco Leoncini, <i>Supervisor Parks</i> PFR Parks Operations, Etobicoke York District Telephone: 416 394-8567 Email: rocco.leoncini@toronto.ca Luigi Nicolucci, <i>Manager, Traffic Planning and Right-of-Way Management</i> Etobicoke York District Telephone: 416 394-8412 Email: luigi.nicolucci@toronto.ca	Road Crossing Agreement Permanent Easement Park Access Agreement Street Occupation Permit Entrance Permit Water Source / Water Disposal Permit Utility Crossing Approval
<b>Conservation Halton</b> 2596 Britannia Road Burlington, ON L7P OG3 Joyce Wood, <i>Greenspace Project Coordinator</i> Telephone: 905 336-1158 ext. 2239 Email: jwood@hrca.on.ca	Permanent Easement (if necessary) Permission to Enter Land

Authority	Purpose
<b>Toronto and Region Conservation Authority</b> Planning and Development 101 Exchange Avenue Vaughan, ON L4K 5R6 Annette Lister, <i>Planner, Environmental Assessment Planning</i> Telephone: 416 661-6600 ext. 5266 Email: alister@trca.on.ca	Permanent Easement Temporary Workspace / Licence
<b>Enbridge Pipelines</b> Western Research Park 1086 Modeland Road, Building 1050 1 <sup>st</sup> Floor, Sarnia, ON N7S 6L2 Ann Newman, <i>Supervisor ROW Services</i> Eastern Region Operations Telephone: 519 339-0503 Maria Bradley, <i>Senior Analyst</i> Lands & ROW Telephone: 519 333-6785 Email: est.reg.crossing@enbridge.com	Permanent crossing approval for National Energy Board (NEB) regulated Enbridge pipeline(s) Temporary equipment crossing approval Proximity notification for NEB regulated Enbridge pipeline(s)
<b>Enbridge Gas Distribution</b> 500 Consumers Road, North York, ON, M2J 1P8 Jim Arnott, <i>Senior Advisor Planning</i> Asset Management Telephone: 416 758-7901 Tara Kuuskman, <i>Manager, Planning and Design Toronto</i> Distribution Planning & Records Telephone: 416 758-4314 Email: markups@enbridge.com	Permanent crossing approval Temporary equipment crossing approval
<b>Union Gas Limited</b> 918 South Service Road Stoney Creek, ON L8E 6A2 Alicia Lenny, <i>District Engineer-in-Training</i> Telephone: 289 649-2030 ext. 5212053 Email: aklenny@uniongas.com	Permanent crossing approval Temporary equipment crossing approval
<b>Trans-Northern Pipelines</b> 45 Vogell Road, Richmond Hill, ON, L4B 3P6 Cliff Lee, <i>C.E.T., Coordinator of Crossings &amp; Facilities</i> Telephone: 905 770-9959 ext. 292 Email: cleee@tnpi.ca	Permanent crossing approval for NEB regulated Trans-Northern pipeline(s) Temporary equipment crossing approval Proximity notification for NEB regulated Trans-Northern pipeline(s)
<b>Sun-Canadian Pipe Line</b> 830 Highway 6 North, Millgrove, ON, L0R 1V0 Wendy Sutherland, <i>Field Support Coordinator</i> Telephone: 416 574-9754 Email: wsutherland43@gmail.com	Permanent crossing approval Temporary equipment crossing approval
<b>TransCanada PipeLines</b> 450 – 1 <sup>st</sup> Street SW, Calgary Alberta T2P 5H1 Telephone: 1 877- 872-5711 Email: crossings@transcanada.com Website: writtenconsent.transcanada.com	Permanent crossing approval for NEB regulated Trans-Northern pipeline(s) Temporary equipment crossing approval Proximity notification for NEB regulated Trans-Northern pipeline(s)

Authority	Purpose
<b>Alectra Utilities</b> 3240 Mavis Road, Mississauga, L5C 3K1 Jimmy Truong, <i>Design Technician</i> Telephone: 905 283-4169 Email: jimmy.truong@alectrautilities.com Helena Turkiewicz, <i>Permit and Easement Coordinator</i> Telephone: 905 283-4184 Email: helena.turkiewicz@alectrautilities.com	Permanent crossing approval Temporary equipment crossing approval
<b>Burlington Hydro</b> 1340 Brant Street, Burlington, ON, L7R 3Z7 Peter German, <i>Director, Engineering</i> Telephone: 905 332-2254 Email: pgerman@burlingtonhydro.com	Permanent crossing approval Temporary equipment crossing approval
<b>Milton Hydro</b> 200 Chisholm Drive, Milton, ON, L9T 3G9 Linda Lundstrom-Collins, <i>Project Manager</i> Telephone: 905 876 4611 ext. 226 Email: lundstrom-collinsl@miltonhydro.com	Permanent crossing approval Temporary equipment crossing approval
<b>Oakville Hydro</b> Protection & Control Department 861 Redwood Square, Oakville, L6K 0C7 Kishen Pais, <i>Supervisor</i> Telephone: 905 825-9400 ext. 2244 Email: kpais@oakvillehydro.com	Permanent crossing approval Temporary equipment crossing approval
<b>Toronto Hydro</b> 500 Commissioners Street, 3 <sup>rd</sup> Floor, Toronto, M4M 3N7 Bo Chen, <i>Engineering Technologist</i> Telephone: 416 542-3100 ext. 32040 Email: utility.circulations@torontohydro.com	Permanent crossing approval Temporary equipment crossing approval
<b>Bell Canada</b> 140 Bayfield Street, 2 <sup>nd</sup> Floor, Barrie, L4M 3B1 Charleyne Hall, <i>External Liason – Right of Way</i> Telephone: 705 722-2264 Email: charleyne.hall@bell.ca	Permanent crossing approval Temporary equipment crossing approval
<b>Telus Corporation</b> Engineering Operations & Implementations East 22 <sup>nd</sup> Floor, 25 York Street, Toronto, M5J 2V5 Frederic Sua, <i>Design Specialist II – Access Engineering</i> Telephone: 647 837-9112 Email: frederic.sua@telus.com	Permanent crossing approval Temporary equipment crossing approval

#### **4. ATTACHMENT 1 – GRANT OF EASEMENT PIPELINE (ONTARIO) AGREEMENT**

«Tract\_No»

**GRANT OF EASEMENT  
PIPELINE  
(Ontario)**

This grant of easement agreement is dated as of «Date\_of\_Agreement».

**BETWEEN:**

**«REGISTERED\_OWNER\_NAME\_CORPORATE»**

(“Transferor”)

- and -

**IMPERIAL OIL**

(“Transferee”)

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**RECITALS:**

- A. The Transferor is the registered and beneficial owner of an estate in fee simple subject, however, to such encumbrances, liens and interests as are at the date hereof set forth in the existing parcel register of those lands and premises legally described on Schedule A attached hereto (the “**Lands**”).
- B. The Transferor has agreed to grant an easement to the Transferee on and subject to the terms and conditions set forth in this agreement.

In consideration of the sum of One Dollar (\$1.00) paid by the Transferee to the Transferor, the receipt and sufficiency of which is hereby acknowledged by the Transferor, and of the mutual covenants and terms and conditions contained in this agreement, the parties therefore agree as follows:

**Grant of Rights**

- 1. The Transferee shall pay to the Transferor the sum of \_\_\_\_\_ dollars (\$ ), inclusive of HST, for the rights granted herein:
- 2. Transferor does hereby grant, convey and transfer unto the Transferee in perpetuity:
  - (a) the exclusive right, licence, liberty, privilege, easement and right-of-way on, over, upon, across, along, in, under and through that part of the Lands described in or as shown on Schedule B attached hereto (“**Easement**”), together with the right Licence, privilege and easement of ingress and egress over the remainder of the Lands, to and from the Easement, to sample soil, survey lands and to lay down, construct, operate, maintain, inspect, patrol (including aerial patrol), alter, relocate,

remove, replace, reconstruct and repair one or more line(s) of pipe together with all facilities, appurtenances or works of the Transferee useful in connection with or incidental to its undertaking, including, but without limiting the generality of the foregoing, all such pipes, drips, valves, fittings, connections, meters, markers, corrosion control equipment, cathodic protection equipment and other equipment and appurtenances, whether or not similar to the foregoing, as may be useful or convenient in connection therewith or incidental thereto for the carriage, transmission, conveyance, transportation and handling of oil, diluent, refined products, natural and artificial gas and other gaseous or liquid hydrocarbons and any product or by-product thereof (such line of pipe together with such related facilities or works being referred to, collectively, as “**Pipeline**”);

- (b) the full and free right, licence, liberty, privilege and easement of ingress and egress at any and all times over, along, across and upon the Easement; and
- (c) the right at any time and from time to time to remove any boulder or rock and to sever, fell, remove or control the growth of any roots, trees, stumps, brush or other vegetation in, on, above, or under the Easement Lands.

(the rights, licences, liberties, privileges, easements and Easement specifically described in subclauses (a), (b), and (c) above, as hereafter supplemented, being referred to, collectively, as “**Easement Rights**”).

- 3. The Easement Rights extend to the Transferee and its directors, officers, agents, employees, contractors, subcontractors and invitees. The Transferee may exercise the Easement Rights on foot and/or with vehicles, together with materials, machinery and equipment for all purposes useful or convenient in connection with or incidental to the exercise and enjoyment of the Easement Rights as and from the date hereof upon the terms and subject to the conditions hereinafter set forth.

#### **Above Ground Works and Access Easement**

- 4. The Transferee shall, at any time, have the right to locate any part or parts of the Pipeline above ground (in each case, “**Aboveground Works**”) and to fence and use such portions of the Easement as are, in its opinion, required for the Aboveground Works. Upon request of the Transferee in respect of each of the Aboveground Works, the Transferor hereby grants, conveys and transfers unto the Transferee, for itself, its directors, officers, agents, employees, contractors, subcontractors and invitees, the full and free right, licence, liberty, privilege, easement and right-of-way to clear and to use a portion of the Lands, as may be reasonably required by the Transferee and for as long as may be required by the Transferee for convenient access on foot and/or with vehicles, together with materials, machinery and equipment, within and across the Lands to the Aboveground Works (“**Access Agreement**”). The Transferee shall:
  - (a) consult with the Transferor as to the location of any Aboveground Works and any required Access Easement to minimize, so far as may be practicable, any inconvenience to the Transferor and to the extent practicable each such Access Easement shall encompass existing roads, trails and gates located within the Lands;

- (b) furnish to the Transferor a drawing showing the location of any Aboveground Works and any required Access Agreement; and
  - (c) by separate agreement(s), pay compensation to the Transferor for the loss of use by the Transferor of such portions of the Easement fenced and used for the Aboveground Works and for any nuisance, noise, inconvenience and interference that might arise or be caused to the Transferor's use of the Lands by the Aboveground Works and Access Easement.
- 5. The Transferor shall not, without the prior written consent of the Transferee, block, impede or restrict the Transferee's use of the Access Agreement and shall obtain the Transferee's prior written consent should the Transferor wish to relocate the Access Easement on the Lands.

### **Transferee's Obligations**

- 6. Subject to clause 8 of this agreement, the Transferee shall, as soon as weather and soil conditions permit and insofar as it is practicable to do so, bury those portions of the Pipeline that are designed to be underground so as not to unreasonably obstruct the natural surface runoff from the Easement or ordinary cultivation of the Easement.
- 7. In connection with the construction of the Pipeline, the Transferee shall, insofar as may be practicable to do so by employing good industry practices and in accordance with the legislation and regulations in force at the time, separate and save excavated topsoil from the Easement and thereafter restore it thereon.
- 8. As soon as reasonably practicable after the construction of the Pipeline, the Transferee, unless otherwise agreed to by the Transferor, shall remove all construction debris from the Easement and in all respects restore the Easement to a condition similar to the surrounding environment and consistent with the current use of the Lands as far as is reasonable and practicable and in accordance with the legislation and regulations in force at the time of such restoration, save and except for: (a) items in respect of which compensation is due under clause 15; and (b) any soil rise above grade to allow for soil settling.
- 9. The Transferee's use of the Lands shall be restricted to uses in connection with the Pipeline unless the Transferor provides written consent to any proposed additional use at the time of the proposed additional use.

### **Use of Easement by Transferor**

- 10. Excluding any portion of the Easement that is fenced as contemplated herein, the Transferor shall have the right to use and enjoy the Easement, including the right to cross the buried portion of the Pipeline with farming vehicles as necessary in connection with ordinary farming practices, all in accordance with the provisions of the applicable legislation and any regulations, orders or guidelines made thereunder. Notwithstanding the foregoing, the Transferor shall not, without the prior written consent of the Transferee:
  - (a) excavate, construct, drill, install, erect or permit to be excavated, constructed, drilled, installed or erected on, over or under any part of the Easement any pipe, pit, well, foundation, building or other structure, installation or improvement, or do or

permit to be done any mining, quarrying, land levelling, landscaping or other work or activity of any like or similar nature on, in or under the Easement;

- (b) alter the grade of the Easement;
  - (c) add any paving or other material to the Easement;
  - (d) use the Easement for any other purpose which could compromise the integrity of the Pipeline; or
  - (e) take any action which restricts or limits the exercise by the Transferee of any of the Easement Rights.
11. Subject to clause 10, where the Transferor notifies the Transferee in writing that the Transferor wishes to make a non-recurring agricultural improvement which can be practically made to the Lands, the Transferee agrees to reimburse the Transferor for the reasonable additional costs of making such improvement that are a direct result of the existence of the Pipeline. If the Transferee and the Transferor fail to agree within ninety (90) days of such a notification as to the practicality of making the proposed improvement or the amount by which the cost of making such an improvement is increased as a direct result of the existence of the Pipeline, then the Transferor or the Transferee may proceed to negotiation or arbitration in accordance with the provisions of the *Ontario Energy Board Act, 1998* (the “**Act**”).

### **Ownership of Pipeline**

12. Notwithstanding any rule of law or equity, the Pipeline shall, until surrendered, at all times remain the property of the Transferee notwithstanding that it may be annexed or affixed to the Lands.

### **Abandonment**

13. The Transferee may, at any time, abandon the Pipeline by either leaving the Pipeline in place or removing it at the Transferee’s option subject to and in accordance with the legislation and regulations in force at the time of such abandonment.

### **Damages**

14. The Transferee shall compensate the Transferor for all damages suffered as a result of the operations, Pipelines or abandoned Pipelines of the Transferee including all damage done to any drainage system, crops, pasture, timber, trees, hedges, produce, water wells, artesian springs, livestock, buildings, fences, culverts, bridges, lanes, improvements or equipment on the Lands.

### **Indemnification**

15. The Transferee shall indemnify the Transferor from all liabilities, damages, claims, suits and actions arising out of the operations, Pipelines or abandoned Pipelines of the Transferee other than any liabilities, damages, claims, suits or actions resulting from the gross negligence or wilful misconduct of the Transferor.

### **Discharge of Encumbrances**

16. If this agreement has been registered, then upon termination of this agreement the Transferee shall register in the appropriate Land Titles Office such documents as may be necessary to remove such registration from title to the Lands.

### **Nothing Prejudicing Transferee's Rights**

17. Nothing herein shall affect or prejudice any right, present or future, that the Transferee may have to acquire, occupy or use the Easement or any other portions of the remaining Lands under the provisions of the Act or otherwise.

### **Quiet Enjoyment**

18. The Transferee, in performing and observing the covenants and conditions on its part to be observed and performed herein, shall and may peaceably hold and enjoy all the rights granted to it hereunder without hindrance, molestation or interruption on the part of the Transferor or of any person claiming by, through, under or in trust for, the Transferor.

### **Binding Effect**

19. If it appears that at the date this agreement is entered into, the Transferor is not the sole owner of the Lands, this agreement shall nevertheless bind the Transferor to the full extent of the Transferor's interest herein, and if the Transferor shall later acquire a greater or the entire interest in the Lands this agreement shall likewise extend to such after-acquired interest.

### **Representations and Warranties**

20. The Transferor represents and warrants that it is the legal and beneficial owner in fee simple of the Lands, it has the legal right and authority to convey all of the rights granted hereunder free from all encumbrances, that it has done no act to encumber the Easement and the Easement Rights and that it has not granted any other rights to any third party, and the Transferor is not otherwise aware of any other rights, that would conflict with the rights granted hereunder. The Transferor will not grant an option, easement, lease or any other property rights related to the Lands to any other person that would interfere with the rights granted to the Transferee, save and except for any easements, rights-of-way, restrictions or any other property rights granted prior to the date hereof.
21. The Transferor represents that the Transferor is not a non-resident of Canada within the meaning of the *Income Tax Act* (Canada) and that if the Transferor's status for income tax purposes changes, the Transferor will promptly notify the Transferee in writing.
22. The Transferor represents and warrants to the Transferee that the Transferor is:
- (a) if an individual, at least eighteen (18) years of age;
  - (b) not a spouse within the meaning of the *Family Law Act*, R.S.O. 1990, c.F.3, as amended (herein, a "**Spouse**"); or
  - (c) a Spouse and all or some portion of the Easement Land has been occupied as a family residence or matrimonial home within the meaning of the *Family Law Act*, R.S.O. 1990, c.F-3, as amended (herein, a "**Matrimonial Home**"), in which case

this agreement has been executed by both Spouses together comprising the Transferor or consented to in writing by the Transferor's Spouse as is evidenced by the signature of such Spouse on the Consent attached hereto as Schedule B; or

- (d) a Spouse, but no portion of the Easement Land has been occupied as a Matrimonial Home; or
- (e) a corporation, and all or some portion of the Easement Land has been occupied by an officer, director or shareholder of such corporation or by any of their Spouses as a Matrimonial Home, in which case this agreement has been executed by both Spouses together as is evidenced by the signature of such Spouse on the Consent attached hereto as Schedule C; or
- (f) a corporation, but no portion of the Easement Land has been occupied by any officer, director or shareholder of the corporation or by any of their Spouses as a Matrimonial Home.

### **Payment of Outstanding Amounts**

23. Notwithstanding any other provision in this agreement, if the Transferee determines that:
- (a) there are outstanding charges, taxes, construction liens, writs of enforcement, judgments or other encumbrances which are registered against the Lands; or
  - (b) there are any overdue amounts outstanding under any agreement for sale, mortgage or other financial encumbrance that is registered against the Lands,

The Transferee may, but is not obligated to, pay all or a portion of the compensation or other amounts payable under this agreement to the holder of such charge, lien, writ of enforcement, judgment, mortgage or other financial encumbrance, or to such vendor or mortgagee to satisfy and discharge such encumbrance or to obtain a postponement from the holder of such charge, lien, writ of enforcement, judgement, mortgage or other financial encumbrance. The payment of any amount to such third party shall be deemed to be payment of such amount to the Transferor. For greater certainty, the Transferee shall not be required to obtain the Transferor's consent prior to making such payment. The Transferee shall provide to the Transferor written confirmation of any such payments within thirty (30) days of making such payments.

### **Notices**

24. All notices or payments required or permitted to be given under or in connection with this agreement shall be in writing and shall be personally delivered, mailed by registered mail or faxed to the party to whom the notice is to be given and, when mailed, any such notice shall be deemed to be given to, and received by, the addressee seven (7) days (Saturdays, Sundays and statutory holidays in the province of Ontario excluded) after the mailing thereof.
25. Unless changed by notice, the addresses of the parties shall be:

**Transferor:**

«Registered\_Owner\_Name\_Corporate»  
«Registered\_Owner\_Address\_1\_Street\_Nam  
»  
«Registered\_Owner\_Address\_2\_Suite\_»  
«Registered\_Owner\_Address\_3\_City\_ON\_\_  
Po»

Fax No.: \_\_\_\_\_

**Transferee:**

Imperial Oil

●

Attention: ●

Fax No.: ●

**General**

26. If any provision of this agreement is invalid under any applicable statute or is declared invalid by a court of competent jurisdiction, then it shall be deemed to be severed from this agreement provided, however, that the remainder of this agreement shall continue in full force and effect.
27. This agreement may be assigned by the Transferee in whole or in part and as to all or any portion of the rights hereby granted, transferred and conveyed.
28. The Easement Rights and Access Easement are and shall be of the same force and effect to all intents and purposes as covenants running with the land and this agreement, including all the covenants herein, shall extend to, be binding upon and enure to the benefit of the heirs, executors, administrators, successors-in-title, successors and assigns of the parties respectively.
29. Wherever the singular or masculine is used, it shall be construed as if the plural or the feminine or the neuter, as the case may be, had been used, where the context of the party or parties so require, and this agreement shall be construed as if the grammatical and terminological changes thereby rendered necessary had been made.
30. The Transferor consents to the collection, use and disclosure of the Transferor's personal information as described within this agreement as long as the agreement is in force or as required by law. The Transferee collects, uses and discloses the personal information for land rights acquisition and regulatory disclosure as described in this agreement, in accordance with industry practice and as required by law. The Transferee collects, uses, discloses and maintains personal information in accordance with the *Personal Information Protection and Electronic Documents Act* and the Transferee's personal information policy.
31. The Transferor hereby authorizes and directs the Transferee and the Transferee's solicitors or agent or their designees to sign, release and register electronically on behalf of the Transferor, but at the Transferee's expense, this Grant of Easement against title to the Lands and Transferor confirms that the Transferor understands that it will be a party to and bound by the terms and provisions of such electronic registration. The Transferee will promptly provide a copy of the registered Grant of Easement to the Transferor.
32. The Transferor will, from time to time, execute such further assurances of the rights granted herein as may be required by the Transferee. Without limiting the foregoing, the Transferor

hereby agrees from time to time to execute and deliver all such additional documents, instruments and agreements and to take all such additional steps and actions as may be reasonably required to fully implement the terms of this agreement and as may be required to register and perfect the Transferee's interest in the Lands.

33. This agreement and the schedules attached set forth the entire agreement and understanding between the parties as to the subject matter contained herein, and the Transferor agrees that there are no representations, warranties, agreements, terms or conditions affecting this agreement other than as contained herein.
34. The Easement Rights herein granted are declared, agreed and acknowledged to be appurtenant to and run with the lands described below to the extent of the Transferee's present interest in those lands, or any interest that the Transferee may acquire in those lands. The lands benefitted and accommodated by the Easement Rights are described as:  
  
PIN ●  
  
Part of Lot ●
35. This agreement shall be governed by and construed in accordance with the laws in force in the province of Ontario and the federal laws of Canada applicable therein.

**[Signature Page Follows]**

**The parties are executing this agreement with effect on the date stated in the introductory clause.**

**TRANSFEROR:**

**«REGISTERED\_OWNER\_NAME\_CORPORATE»**

Per: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Position Title: \_\_\_\_\_

Per: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Position Title: \_\_\_\_\_

I/We have authority to bind the corporation

**TRANSFeree:**

**IMPERIAL OIL, by its Managing Partner  
IMPERIAL OIL LIMITED**

Per: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Position Title: \_\_\_\_\_

Per: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Position Title: \_\_\_\_\_

I/We have authority to bind the corporation

**SCHEDULE “A”**

**LEGAL DESCRIPTION OF LANDS**

PIN «PIN»

«Legal\_Description\_of\_Easement\_Lands»

**SCHEDULE “B”**  
**EASEMENT**

**SCHEDULE "C"**

**CONSENT OF SPOUSE**

I, \_\_\_\_\_, being the spouse of \_\_\_\_\_  
\_\_\_\_\_, do hereby give my consent to the grant of the Easement over and in respect of the  
Easement Land.

DATED this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

**WITNESS:**

**SPOUSE OF OWNER**

Name:

Address:

Name:

Address:

## 5. ATTACHMENT 2 – TEMPORARY WORKSPACE LEASE AGREEMENT

File: «File»

## TEMPORARY WORKSPACE LEASE

**THIS LEASE** made this \_\_\_\_\_ day of \_\_\_\_\_ A.D., 20\_\_\_\_\_(the “**Effective Date**”)

BETWEEN:

«**Lessor**»

(hereinafter called the “**Landlord**”);

- AND -

**IMPERIAL OIL**, an Alberta partnership,  
having its Head Office at the City of Calgary, in the Province of Alberta,  
(hereinafter called the “**Tenant**”)

### RECITALS:

- A. The Landlord is the registered owner (or is entitled to become registered as owner under an agreement for sale or unregistered transfer or otherwise) of an estate in fee simple, in the Province of Ontario and legally described on Schedule A attached hereto (the “**Lands**”).
- B. The Tenant has been granted an easement over, adjacent to or in the vicinity of, the Lands (the “**Easement**”) for the purpose of a pipeline (the “**Pipeline**”).
- C. The Landlord has agreed to lease certain portions of the Lands to the Tenant for the purposes and upon the terms and conditions hereinafter set forth.

### NOW THEREFORE THIS AGREEMENT WITNESSES:

**THE LANDLORD DOES HEREBY LEASE**, at the rental hereinafter set forth, to the Tenant all and singular those parts or portions of the Lands shown coloured in green on the sketch or plan attached hereto as Schedule B (the “**Leased Premises**”), to be held by the Tenant as tenant for the term of **[five (5)]** years (the “**Term**”) commencing on the Possession Date (as hereinafter defined) for the purpose of providing a temporary workspace to the Tenant, its employees, agents and contractors, with respect to the Pipeline, including the right to enter and use the Leased Premises with vehicles, materials, machinery, supplies and equipment, together with the right of ingress and egress over the remainder of the Lands to and from the Leased Premises, and to sample soil, survey lands and to lay down, construct, maintain, inspect, alter, remove, replace, reconstruct and repair one or more line(s) of pipe within the Easement, together with the right at any time and from time to time during the Term to remove any boulder or rock and to sever, fell, remove or control the growth of any roots, trees, stumps, brush or other vegetation in, on, above, or under the Lands, and the right to remove buildings or other improvements from the Leased Premises and to install temporary gates and fences and stockpiling of construction spoil, materials and equipment as required by the Tenant. During the Term, the Landlord shall not use the Lands for any purpose that would interfere with or detrimentally affect the Tenant’s use of the Leased Premises.

**YIELDING AND PAYING** unto the Landlord rent in the amount, and payable at the times, set out in Schedule C plus applicable taxes.

**THE LANDLORD AND THE TENANT HEREBY MUTUALLY COVENANT AND AGREE AS FOLLOWS:**

**1. POSSESSION DATE:**

The Tenant shall notify the Landlord in writing at least thirty (30) days prior to the date upon which the Tenant shall require occupancy of the Leased Premises (the "**Possession Date**").

**2. TAXES PAID BY LANDLORD:**

That the Landlord will promptly pay and satisfy all taxes, rates and assessments that may be assessed or levied against the Lands, including the Leased Premises during the Term.

**3. QUIET ENJOYMENT:**

That the Landlord warrants that it has good right and full power to grant and lease the Lands, rights and privileges in the manner aforesaid, and that the Tenant, upon observing and performing the covenants and conditions on the Tenant's part herein contained, shall and may peaceably possess and enjoy the Leased Premises and the rights and privileges hereby granted during the said term and any extension thereof without any interruption or disturbance from or by the Landlord or any other persons claiming by, through or under the Landlord.

**4. RENEWAL:**

Provided the Tenant is not then in default in respect of any of the covenants and conditions contained in this Lease beyond any applicable notice and cure period, the Tenant shall have the right to extend the Term year to year, not to exceed an additional [two (2)] years in the aggregate (each such year an "**Extended Term**") upon providing written notice at least ninety (90) days prior to the expiry of the Term and any Extended Term. Such Extended Term shall be subject to all the provisions hereof save and except for the payment of rent, which rent for the Extended Term shall be as set out in Schedule C.

**5. INDEMNIFICATION:**

The Tenant shall indemnify and save harmless the Landlord from and against any and all claims and demands brought against the Landlord by other persons resulting from the Tenant's negligence and misconduct during the Tenant's use and occupation of the Leased Premises.

**6. ABANDONMENT AND RESTORATION:**

The Tenant shall, upon the termination of the use and occupation of the whole or any portion of the Leased Premises and the surrender of the whole or any part of the rights herein granted, restore and deliver up to the Landlord the Leased Premises or any portion thereof in a condition as close as practicable to the condition of the Leased Premises or said portion thereof, as the same existed immediately prior to the entry by the Tenant and as required by applicable laws; PROVIDED that where the Leased Premises or any portion thereof was treed prior to entry or was otherwise in a natural uncultivated state, the Tenant, at its option, may return the Leased Premises or such portion thereof to the Landlord in a vacant and level-graded state.

**7. PARTIAL OR TOTAL SURRENDER OF ACREAGE:**

Notwithstanding anything in Section 6, the Tenant may from time to time and at any time surrender all or portion of the Leased Premises upon giving written notice to the Landlord. Such notice may be delivered or mailed to the Landlord and shall be accompanied by a sketch or plan showing outlined in red any portion or portions of the Leased Premises retained by the Tenant. The annual rental as herein stipulated shall, during any Extended Term, be payable only for the retained portion of the Leased Premises, and shall be calculated as a proportion of the aforementioned annual rental based on the ratio that the retained portion bears to the original entire Leased Premises.

**8. INCREASE OF LEASED PREMISES:**

The Tenant shall have the right, upon written notice to the Landlord (the "**Expansion Notice**"), to increase the size of the Leased Premises if required by the Tenant to carry out its works in connection with the Pipeline, in which event Schedule A will be amended to show such increased area and the Lump Sum Payment of rent shall be increased proportionately and paid on the later of:

- (i). the Possession Date; and
- (ii). ninety (90) days after delivery of the Expansion Notice.

**9. COMPENSATION FOR DAMAGES:**

The Tenant shall compensate the Landlord for damage done by Tenant's servants and agents which, without restricting the generality thereof, shall include crops, machinery, livestock, fences, buildings, or other improvements of the Landlord upon the Lands other than the Leased Premises.

**10. REMOVAL OF EQUIPMENT:**

The Tenant shall at all times during the continuance of the Lease have the right to remove or cause to be removed from the Lands all buildings, structures, fixtures, casing in wells, pipelines, material and equipment of whatsoever nature or kind, which Tenant may have placed on or in the Leased Premises or on or in any area to be surrendered.

**11. ASSIGNMENT BY TENANT:**

Notwithstanding anything herein to the contrary the Tenant may delegate, assign or convey to other persons or corporations, all or any of the powers, rights and interests obtained by or conferred upon the Tenant hereunder to be enjoyed by such person or corporations either singly or jointly with the Tenant, and may enter into all agreements, contracts and writings and do all necessary acts and things to give effect to the provisions of this clause, provided that such persons or corporations must use the Leased Premises for operations similar to the Tenant's operations. If the Tenant assigns its entire right and interest in, to, and under this Lease to another person or corporation ("**Assignee**"), then from and after the date of receipt of written notice of the assignment, the Landlord shall hold Assignee solely responsible and liable with respect to all the terms and conditions of this Lease. By accepting such assignment, Assignee shall assume all the obligations of the Tenant.

**12. TOPSOIL AND WEEDS:**

The Tenant agrees, unless otherwise requested by the Landlord, to strip, and conserve the topsoil from the Leased Premises having regard to good soil conservation practices and upon completion of its operations to return such topsoil on the Leased Premises to a depth reasonably similar to those conditions existing prior to the commencement of construction. The Tenant shall also take

reasonable steps and exercise reasonable precautions as required to control, inhibit and destroy the growth of noxious weeds on the Leased Premises.

**13. FENCING:**

The Tenant may, if reasonably required by the Landlord or Tenant, erect a good and substantial fence around any temporary installations and provide a proper livestock guard at any point of entry to the Leased Premises used by it, and the Tenant shall replace or repair any fences which it may have removed or damaged.

**14. DEFAULT:**

Neither party shall be considered in default in the performance of its obligations under this Lease to the extent that the performance of such obligations or any of them is delayed by circumstances, existing or future, which are beyond the control of the Landlord or the Tenant; FURTHER, the Tenant shall not be considered in default in the performance of any of its obligations under this Lease until the Landlord has by written notice notified the Tenant of such default and the Tenant has failed to remedy such default within thirty (30) days, or such longer period as may be reasonably required provided Tenant has commenced to remedy such default within such thirty (30) day period and continues to act diligently thereafter to cure such default.

**15. NOTICES:**

All notices or payments required or permitted to be given under or in connection with this agreement shall be in writing and shall be personally delivered, mailed by registered mail, faxed or sent by electronic transmission, courier to the party to whom the notice is to be given and, when mailed, any such notice shall be deemed to be given to, and received by, the addressee ten (10) days (Saturdays, Sundays and statutory holidays in the province of Ontario excluded) after the mailing thereof.

Unless changed by notices the addresses of the parties hereto shall be:

Tenant: Imperial Oil

Imperial Oil Resources Limited  
Surface Land Manager  
505 Quarry Park Blvd. SE  
Calgary, Alberta T2C 5N1  
Fax No.:  
Email:

Landlord: «Address»

**16. ENUREMENT:**

**THESE PRESENTS** and everything herein contained shall enure to the benefit of and be binding upon the parties hereto and their respective heirs, executors, administrators, successors-in-title, successors and assigns.

**17. ASSUMPTION:**

The Landlord covenants and agrees that if it transfers, assigns, charges, leases or otherwise disposes of all or any part of its interest in the Lands (collectively, a “**Transfer**”) to another person (the “**Transferee**”) it will obtain and deliver to the Tenant an assumption agreement in the form of Schedule D, from such Transferee in favour of the Tenant assuming and agreeing to be bound by all of the terms of this Lease as if the Transferee had been an original signatory to this Lease.

**18. INVALIDITY:**

If any provision of this Lease is invalid under any applicable statute or is declared invalid by a court of competent jurisdiction, then it shall be deemed to be severed from this Lease provided, however, that the remainder of this Lease shall continue in full force and effect.

**19. INTERPRETATION:**

Wherever the singular or masculine is used, the same shall be construed as meaning the plural or feminine, or a body corporate, where the context or the parties so require.

**20. PERSONAL INFORMATION CONSENT:**

By providing personal information to the Tenant, the Landlord consents to the Tenant's collection, use, retention and disclosure of that information for any and all purposes and uses as permitted or contemplated under this Agreement and as needed to comply with any legal requirements.

**21. NON RESIDENT STATUS:**

Each Landlord represents that he or she is not a non-resident of Canada within the meaning of the Income Tax Act (Canada), and that if the Landlord's status for income tax purposes changes, the Landlord will promptly notify the Tenant in writing. Subsequent to such notification, any payment made by or on behalf of the Tenant to the Landlord under this Lease will be made net of any deduction or withholding as required by the Income Tax Act (Canada) or any other applicable law.

**22. FURTHER ASSURANCES:**

The parties hereto agree to do, make and execute, if necessary, at no further cost or condition to the other except payment of reasonable out-of-pocket costs, such other instruments, plans, documents, authorizations, permitting letters, consents acts, matters and things and take such further action as may reasonably be required by the other party in order to effectively carry out the true intent of this agreement.

**23. NOTICE OF LEASE/ACKNOWLEDGEMENT AND DIRECTION:**

The Landlord hereby authorizes and directs the Tenant's solicitors or agent or their designees to sign, release and register electronically on behalf of the Landlord, but at the Tenant's expense, a Notice of Lease substantially in the form attached as Schedule E and the Landlord confirms that the Landlord understands that it is a party to and bound by the terms and provisions thereof. The Notice of Lease shall contain only the following provisions: the parties, the Leased Premises, the Term and any options to renew or extend (as applicable). The Tenant will promptly provide a copy of the registered notice to the Landlord and will discharge same promptly upon expiry or termination of the Lease. The Landlord, on its own behalf, may also register notice of this Lease, or a short form thereof, against title to the Leased Premises including only the information noted above.

**24. COUNTERPARTS:**

This Lease may be executed and delivered in counterparts and by facsimile or electronic (pdf) transmission, when all counterpart documents are executed and delivered, the counterparts shall be deemed to be an original, and shall constitute a single binding instrument. The delivery of an unexecuted version of this Lease shall not be construed as an offer to lease and this Lease shall not be binding upon either party until it has been executed and delivered by both parties.

**25. GOVERNING LAW:**

This agreement shall be governed by and construed in accordance with the laws of the province of Ontario and the federal laws of Canada applicable therein.

**26. FAMILY LAW ACT**

If the spousal consent at the end of this Agreement has not been executed, the Landlord warrants that no person other than Landlord has rights to any matrimonial home on the Lands under the Family Law Act and that spousal consent is not necessary for the grant of this Lease.

**IN WITNESS WHEREOF** the Landlord and Tenant have executed and delivered these presents as of the day and year first above written.

SIGNED, SEALED AND DELIVERED

by the Landlord in the presence of:

\_\_\_\_\_  
Name  
Address:

\_\_\_\_\_  
«Lessor's Name»

**IMPERIAL OIL, by its Managing Partner, IMPERIAL OIL LIMITED**

Per: \_\_\_\_\_  
Print Name:  
Position Title:  
I/We have authority to bind the corporation

I, being married to Landlord or otherwise having rights to a matrimonial home on the Lands under the Family Law Act, hereby consent to this Lease and agree to execute all additional documents that may be required to give full force and effect to this Lease and to register this Lease or a notice thereof against the Lands.

**Witness:**

**Spouse:**

\_\_\_\_\_  
Name:  
Address:

\_\_\_\_\_  
«Spouse's Name»

\_\_\_\_\_  
Date

**SCHEDULE A**

**LANDS**

[NTD: Insert Legal Description]

Being all of PIN [NTD: Insert PIN]

**SCHEDULE B**  
**LEASED PREMISES**

See attached

## SCHEDULE C

### RENT

During the Term, the Tenant shall pay to the Landlord the following amounts as rent, plus applicable taxes:

- (i). upon full and mutual execution and delivery of this Lease by both parties, the sum of (the **"Initial Payment"**);
- (ii). on or before the Possession Date, the lump sum of [\$●] (the **"Lump Sum Rent"**)

## SCHEDULE D

### ASSIGNMENT AND ASSUMPTION OF LEASE

THIS ASSIGNMENT dated as of the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

BETWEEN:

[•]

(the “**Assignor**”)

AND:

[•]

(the “**Assignee**”)

RECITALS:

- A. Pursuant to a [purchase and sale agreement/mortgage/•] dated • between the Assignor and the Assignee (the “**Transfer**”), the Assignor agreed to [sell/mortgage/?] and the Assignee agreed to [purchase/accept as security/?] those lands more particularly described on Appendix I hereto (the “**Lands**”).
- B. The Assignor has leased a portion of the Lands to Imperial Oil (the “**Tenant**”) pursuant to a lease dated • (the “**Lease**”).
- C. The Assignor will transfer and assign to the Assignee all of the Assignor’s right, title and interest in and to the Lease and the Assignee has agreed to assume same.

NOW THEREFORE THIS AGREEMENT WITNESSES that in consideration of the premises, the mutual covenants herein contained and other good and valuable consideration (the receipt and sufficiency of which is hereby acknowledged by each of the parties) the parties hereto covenant and agree as follows:

#### 1. **ASSIGNMENT**

1.1 Effective as of the date hereof, the Assignor hereby absolutely assigns, transfers and sets over unto the Assignee all of the Assignor’s right, title and interest in and to:

- (a) the Lease;
- (b) any and all rents and other monies payable under the Lease in respect of the period from and after the date hereof; and
- (c) the benefit arising from and after the date hereof of all covenants by the Tenant.

#### 2. **ASSUMPTION**

2.1 As of the date hereof, the Assignee hereby assumes those obligations of the Assignor under the Leases which are to be observed or performed on or after the date hereof (which obligations are herein called the “**Assumed Obligations**”) and covenants and agrees with the Assignor that from and

including the date hereof, the Assignee will observe and perform all the Assumed Obligations and shall be liable to the Assignor for any and all obligations and liabilities of every nature and kind with respect to any breach by the Assignee of the Assumed Obligations.

2.2 The Assignor will remain liable for failure to observe and perform its obligations under the Leases prior to the date hereof.

**3. FURTHER ASSURANCES**

Each of the parties shall at all times hereafter execute and deliver all such further documents and instruments, and shall do such further acts and things as may be reasonably required to give full effect to this Assignment.

**4. GOVERNING LAW**

This Assignment shall be governed by and construed in accordance with the laws of the Province of Ontario.

**5. ENUREMENT**

This Assignment shall enure to the benefit of and be binding upon the parties hereto and their respective successors and assigns.

**6. COUNTERPARTS**

This Assignment may be executed in counterparts and when each party has executed a counterpart, each of such counterparts shall be deemed to be an original and all such counterparts when taken together shall constitute one and the same agreement.

**7. E-MAIL EXECUTION**

This Assignment may be executed by the parties and transmitted by e-mail and if so executed and transmitted, this Assignment shall be for all purposes as effective as if the parties had delivered an executed original Assignment.

***[Signature page follows]***

IN WITNESS WHEREOF this Assignment has been executed as of the day and year first above written.

**[Assignor]**

By: \_\_\_\_\_  
Name:  
Title:

By: \_\_\_\_\_  
Name:  
Title:

**[Assignee]**

\_\_\_\_\_  
Name:  
Title:

\_\_\_\_\_  
Name:  
Title:

## **APPENDIX I**

### **LANDS**

## SCHEDULE E

### NOTICE OF LEASE

LRO # 25 Notice Of Lease

In preparation on 2019 02 11 at 17:15

*This document has not been submitted and may be incomplete.*

yyyy mm dd Page 1 of 2

Properties *legal description to be completed*

#### Consideration

Consideration \$0.00

#### Party From(s)

*Registered owner names to be inserted*

#### Party To(s)

Capacity

Share

Name IMPERIAL OIL LIMITED

Acting as a company

Address for Service c/o TO BE INSERTED

I am a partner, the firm name of the partnership is IMPERIAL OIL.

#### Statements

The applicant is prepared to produce the document for inspection within fourteen (14) days of the request and the applicant consents to the cancellation of the document on presentation of proof satisfactory to the Land Registrar that the document was not produced upon request.

Term : TO BE COMPLETED. Expiry Date: TO BE COMPLETED

Right or option to purchase, NONE

Provision for renewal or extension, Yes, TO BE COMPLETED

Schedule: TO BE COMPLETED AS MAY BE NECESSARY

#### Calculated Taxes

Provincial Land Transfer Tax \$0.00

LRO # 25 Notice Of Lease

In preparation on 2019 02 11 at 17:10

This document has not been submitted and may be incomplete.

yyyy mm dd Page 1 of 2

**Consideration**

Consideration \$0.00

**Party From(s)**

**Party To(s)**

Capacity

Share

Name IMPERIAL OIL LIMITED

Address for Service Acting as a company  
c/o TO BE INSERTED

I am a partner, the firm name of the partnership is IMPERIAL OIL.

**Statements**

The applicant is prepared to produce the document for inspection within fourteen (14) days of the request and the applicant consents to the cancellation of the document on presentation of proof satisfactory to the Land Registrar that the document was not produced upon request.

Term : TO BE COMPLETED. Expiry Date: TO BE COMPLETED

Right or option to purchase,

Provision for renewal or extension,

Schedule:

**Calculated Taxes**

Provincial Land Transfer Tax

\$0.00

## 6. LINE LIST

The following is the redacted filing of the land Line List outlining the project requirements for each parcel.

Note: The Landowner Line List contains personal information of landowners and has therefore been filed in confidence with the Board pursuant to Rule 9A.01 of the Board's *Rules of Practice and Procedure* and in accordance with Section 4.3 of the Board's *Practice Direction on Confidential Filings*.

A hardcopy confidential filing of the land list has been provided directly to the OEB.

**Table 6-1: Land Line List**

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN0001	175110041			PT LOT 11, CONCESSION 4 EAST FLAMBOROUGH , AS IN EF20513 & EF20978 ; PT LOT 12, CONCESSION 4 EAST FLAMBOROUGH , AS IN EF23102; S/T EF26659 FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Refer to table 3-1	Pipeline
WTFN0002	175110049			PT LOT 11, CONCESSION 4 EAST FLAMBOROUGH , AS IN VM43496 ; S/T EF21662, IF ANY ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Existing Easement, Temporary Agreement	Private
WTFN0003	175110050			PT LOT 11, CONCESSION 4 EAST FLAMBOROUGH , AS IN HL160416 ; S/T EF21663, IF ANY ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Existing Easement, Temporary Agreement	Private
WTFN0004	175110051			PT LOT 10, CONCESSION 4 EAST FLAMBOROUGH , AS IN CD76028 ; S/T EF22197, IF ANY ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Existing Easement, Temporary Agreement	Private
WTFN0005	175110056			PT LOT 10, CONCESSION 4 EAST FLAMBOROUGH , AS IN CD81065 ;	HAMILTON	None Required	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				FLAMBOROUGH CITY OF HAMILTON			
WTFN0006	175110057			PT LOT 10, CONCESSION 4 EAST FLAMBOROUGH , AS IN HL246515 ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	None Required	Private
WTFN0007	175110058			PT LOT 10, CONCESSION 4 EAST FLAMBOROUGH , AS IN VM31393 ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	None Required	Private
WTFN0008	175110061			PT LOT 10, CONCESSION 4 EAST FLAMBOROUGH , AS IN AB86567 ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	None Required	Private
WTFN0009	175110064			PT LOT 9, CONCESSION 4 EAST FLAMBOROUGH , AS IN VM85820, SAVE AND EXCEPT T/W THEREIN ; S/T INTEREST IN VM85820 ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Temporary Agreement	Private
WTFN0010	175110070			PT LOT 9, CONCESSION 4 EAST FLAMBOROUGH , PART 4 , 62R2691 ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Refer to table 3-1	Municipal (Surplus Lands)
WTFN0011	175110154			CONSOLIDATION OF VARIOUS PROPERTIES: FIRSTLY: PT LT 9 CON 4 EAST FLAMBOROUGH, AS IN HL79851,SAVE AND EXCEPT T/W THEREIN, HL79852 SAVE & EXCEPT T/W THEREIN; DESCRIPTION MAY NOT BE ACCEPTABLE IN FUTURE	HAMILTON	None Required	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				AS IN HL79851; S/T R.O.W IN HL79851; SECONDLY: PT LT 9 CON 4, PARTS 1 AND 2 ON 62R14930; FLAMBOROUGH. CITY OF HAMILTON			
WTFN0012	175110165			PT LTS 9 & 10 CON 4 EAST FLAM, PARTS 1-3 62R-2691 SAVE & EXCEPT PTS 1 & 2 ON 62R-11238, EXCEPT PTS 1 & 2 ON 62R-13813, EXCEPT PTS 3,4,5,6 & 7 ON 62R-14769, EXCEPT PT 2 ON 62R-16557, EXCEPT PT 1 ON 62R-16557 ; FLAMBOROUGH CITY OF HAMILTON ; S/T RT OVER PTS 2-3 ON 62R-2691 AS IN EF22136 , T/W RT OVER PT 4 ON 62R-2691 AS IN AB349417	HAMILTON	Existing Easement, Temporary Agreement	Private
WTFN0013	175110171			PT LT 8 CON 4 EAST FLAMBOROUGH AS IN VM117485; SAVE & EXCEPT PT 1,3 & 4 62R15593 AND 1 & 2 62R17437; DESCRIPTION MAY NOT BE ACCEPTABLE IN FUTURE AS IN VM117485; CITY OF HAMILTON; S/T EF22493, IF ANY; S/T EF21545; S/T RT WAY OVER PT 2 62R15593 AS IN WE71960; S/T EASEMENT OVER PT 1 62R15854 AS IN WE71960.	HAMILTON	Existing Easement, Temporary Agreement	Private
WTFN0014	175110095			PT LOT 8, CONCESSION 4 EAST FLAMBOROUGH , AS IN HL112579 ; S/T EF21833 FLAMBOROUGH CITY OF HAMILTON	HAMILTON	None Required	Private
WTFN0015	175111580			PART LOT 8 CONCESSION 4 EAST FLAMBOROUGH,	HAMILTON	Existing Easement,	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				PARTS 1, 2, 3, 5, 8, 9, 10, 62R19999 SUBJECT TO AN EASEMENT OVER PTS 2,9,12 & 17 62R19999 AS IN EF23804 SUBJECT TO AN EASEMENT OVER PARTS 1- 3, 62R19999 AS IN EF21429 CITY OF HAMILTON		Temporary Agreement	
WTFN0016	175111517			PT LT 8 CON 4 EAST FLAMBOROUGH PTS 4, 6, 7, 14 & 15 62R19999, S/T EF21429, IF ANY CITY OF HAMILTON	HAMILTON	Refer to table 3-1	Municipal (Public Road)
WTFN0017	175140001			CENTRE ROAD (AKA SUBURBAN ROAD NO. 8) LYING BETWEEN ROAD ALLOWANCE BETWEEN CONCESSION 4 & 5 & HAMILTON ROAD NORTH BEING ; PT ROAD ALLOWANCE BETWEEN LTS 7 & 8, CONCESSION 4 EAST FLAMBOROUGH ; PT BLOCK A, PLAN 1310 , LYING NORTH OF MAIN STREET ; PT LOT 8, CONCESSION 4 EAST FLAMBOROUGH , PART 3 , 62R7468 ; PT LOT 7, CONCESSION 4 EAST FLAMBOROUGH , PART 1 , 62R11583 , PT LOT 7, CONCESSION 4 EAST FLAMBOROUGH , PART 3 , 62R12266 ; PT LOT 8, CONCESSION 4 EAST FLAMBOROUGH , AS IN PT HL75100 ; PT LTS 7 & 8, CONCESSION 4 EAST FLAMBOROUGH , AS IN PT AB94859 ; S/T AB209410, IF	HAMILTON	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				ANY ; S/T EF21533,EF21545 FLAMBOROUGH;HAMILTON.			
WTFN0018	175140199			PT LT 6 & 7, CON 4 EAST FLAMBOROUGH, AS IN AB112763, HL291376, EXCEPT AB94859 & PT 1 ON 62R-13919 & PT 1, 2 & 3 ON 62R-15317; CITY OF HAMILTON; S/T EF21698, IF ANY; S/T EF21533.	HAMILTON	Refer to table 3-1	Municipal (Surplus Lands)
WTFN0019	175140101			PT LOT 6, CONCESSION 4 EAST FLAMBOROUGH , AS IN VM173316, S/T EF21634 & AB158311, IF ANY ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Existing Easement	Private
WTFN0020	175140102			PT LTS 5 & 6, CONCESSION 4 EAST FLAMBOROUGH , AS IN EF9478, EF9475 & EF9044 SAVE AND EXCEPT VM203363 ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Refer to table 3-1	Railroad
WTFN0021	175140216			PT LT 5 CON 4 EFLAM, PART 1 ON 62R17560. CITY OF HAMILTON.	HAMILTON	None Required	Private
WTFN0022	175140215			PT LT 5 CON 4 EFLAM, AS IN CD215721; SAVE AND EXCEPT PART 2 ON 62R11355; SAVE AND EXCEPT PART 1 ON 62R17560; S/T EF21634, IF ANY. CITY OF HAMILTON.	HAMILTON	Existing Easement, Temporary Agreement	Private
WTFN0023	175140114			PT LOT 4, CONCESSION 4 EAST FLAMBOROUGH , PART 2 , 62R5522 , AS IN AB225936, S/T EF21697, IF ANY ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Existing Easement, Temporary Agreement, Permanent Agreement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN0024	175150049			ROBSON ROAD LYING BETWEEN PARKSIDE DRIVE (AKA REGIONAL ROAD NO.507) & ROAD ALLOWANCE BETWEEN CONCESSION 4 & 5 EAST FLAMBOROUGH ; PT LOT 3, CONCESSION 4 EAST FLAMBOROUGH , AS IN AB9166 ; PT LOT 4, CONCESSION 4 EAST FLAMBOROUGH , AS IN AB50053, AB50054 ; S/T INTEREST, IF ANY, IN VM68948 ; S/T EF21639 FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Refer to table 3-1	Municipal (Public Road)
WTFN0025	175150028			PT LOT 3, CONCESSION 4 EAST FLAMBOROUGH , PARTS 4, 5 & 6 , 62R6056 ; S/T INTEREST, IF ANY, IN EF21639 ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Existing Easement, Temporary Agreement	Private
WTFN0026	175150032			PT LTS 2 & 3, CONCESSION 4 EAST FLAMBOROUGH , AS IN VM36448 ; S/T EF21638, IF ANY ; FLAMBOROUGH ; SUBJECT TO EXECUTION 96-00009, IF ENFORCEABLE. ; CITY OF HAMILTON	HAMILTON	Existing Easement, Temporary Agreement	Private
WTFN0027	175150026			ROAD ALLOWANCE BETWEEN CONS 4 & 5 EAST FLAMBOROUGH , LYING BETWEEN BEEFORTH ROAD & ROAD ALLOWANCE BETWEEN TOWNSHIPS OF NELSON & EAST FLAMBOROUGH ;	HAMILTON	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				FLAMBOROUGH CITY OF HAMILTON			
WTFN0028	175150014			PT LOT 3, CONCESSION 5 EAST FLAMBOROUGH , AS IN VM228458, SAVE AND EXCEPT PTS 8 & 9, 62R59 ; S/T INTEREST, IF ANY, IN EF23926, EF23970 PT QUIT CLAIMED BY HL52819, HL75144 ; FLAMBOROUGH ; HAMILTON	HAMILTON	Existing Easement, Temporary Agreement	Private
WTFN0029	175150024			PT LTS 1 & 2, CONCESSION 5 EAST FLAMBOROUGH , PART 1 , 62R9992 , S/T EF14334, IF ANY; S/T EF21725, EF22083, EF28854, HL9084, AB397595, IF ANY ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Existing Easement, Temporary Agreement	Private
WTFN0030	175150025			PT LTS 1 & 2, CONCESSION 5 EAST FLAMBOROUGH , PART 2 , 62R9992 ; S/T EF21725, HL9084, AB395795, IF ANY ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Existing Easement, Temporary Agreement	Private
WTFN0031	175150027			ROAD ALLOWANCE BETWEEN TOWNSHIPS OF NELSON & EAST FLAMBOROUGH, LYING BETWEEN ROAD ALLOWANCE BETWEEN CONS 5 & 6 EAST FLAMBOROUGH & ROAD ALLOWANCE BETWEEN CONCESSION 4 & 5 EFLAM, BEING THAT PORTION LYING TO THE WEST OF THE CENTRE LINE OF THE SAID ROAD ALLOWANCE BETWEEN TOWNSHIPS ;	HAMILTON	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				FLAMBOROUGH CITY OF HAMILTON			
WTFN0032	072000138			PT RDAL BTN TWPS NELSON & E FLAMBOROUGH , LYING NE CENTRE LINE; LYING BTN BRITANNIA RD & #1 SIDE RD; BEING ; PT MILBROUGH LINE; (FORMERLY TOWN LINE RD) AS IN 857717 ; PT RDAL BTN TWPS NELSON & E FLAMBOROUGH ; PT LT 5 , CON 1 NS , AS IN 310620, 324213 ; PT LT 4 , CON 1 NS , PTS 2 & 3, 20R4474 ; PT LT 3 , CON 1 NS , AS IN 284113,284114 ; PT LT 2 , CON 1 NS , PT 4, 20R798 & AS IN 374267 ; PT LT 1 , CON 1 NS , PTS 2 & 3, 20R4649 ; S/T DEBTS IN 284113, 284114 ; BURLINGTON/NELSON TWP	BURLINGTON	Refer to table 3-1	Municipal (Public Road)
WTFN0033	072000100			LT 23 , CON 2 NDS ; PT LTS 21, 22 & 24 , CON 2 NDS , PTS 1& 2, 20R9225 ; S/T THE RIGHTS OF OWNERS OF ADJOINING PARCELS, IF ANY, UNDER 588076,728711 ; S/T 411990,422347,440375,NU35 347, NU35348,NU35485 CITY OF BURLINGTON	BURLINGTON	Existing Easement	Private
WTFN0034	071990079			FIRSTLY ; PT CEDAR SPRINGS RD LYING BTN #1 SIDE RD & #2 SIDE RD BEING ; PT RDAL BTN LTS 20 & 21 , CON 2 NDS ; PT LT 21 , CON 2 NDS , PART 8 &	BURLINGTON	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				9, PE17 ; PT LT 21 , CON 2 NDS , PARTS 1 & 3 & 4 , 20R1338 ; PT LT 20 , CON 2 NDS , PARTS 10, 11, 12 & 7 , PE17 ; PT LT 20 , CON 2 NDS , PART 23, 25, 31 & 33 , 20R1339 ; SECONDLY ; PT LT 21 , CON 2 NDS , AS IN 288593, 288419, 324084, 288987, 293602, 306232, 287637, 290811; S/T 288419, 324084, 293602, 306232 & 287637 ; PT LT 21 , CON 2 NDS , PART 2 , 20R1338 ; PT LT 21 , CON 2 NDS , PART 2, 3, 4, 5 & 6 , 20R1339 ; PT LT 20 , CON 2 NDS , PTS 7, 9, 10, 12, 13, 17, 19, 27, 29 20R1339; S/T 389238, 138992, 388108 ; PT LT 20 , CON 2 NDS , AS IN 289654 ; S/T NU30740,NU30741,NU31066, NU31168,NU35346,NU35347 BURLINGTON/NELSON TWP			
WTFN0035	071990089			PT LT 20, CON 2NDS AS IN 602813; EXCEPT 400677 & SAVE & EXCEPT PT 1, 20R16581. S/T 423193,NU30740,NU35346 BURLINGTON/NELSON TWP.	BURLINGTON	Existing Easement, Temporary Agreement	Private
WTFN0036	071990009			PT LT 20 , CON 2 NDS , AS IN 828538 ; S/T NU30740, NU35346 BURLINGTON/NELSON TWP	BURLINGTON	Existing Easement	Private
WTFN0037	071990010			PT LT 20 , CON 2 NDS , AS IN 538295 ; S/T NU30740, NU35346 BURLINGTON/NELSON TW	BURLINGTON	Existing Easement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN0038	071990029			PT LT 19, CON 2 NDS, AS IN 612786; S/T 466078, NU35345. SUBJECT TO AN EASEMENT AS IN HR912720 CITY OF BURLINGTON	BURLINGTON	Existing Easement, Temporary Agreement	Private
WTFN0039	071990035			PT LT 18 , CON 2 NDS , AS IN 327291 ; S/T 459327, NU35448 BURLINGTON/NELSON TW	BURLINGTON	Existing Easement, Temporary Agreement	Private
WTFN0040	071990045			PT LT 17 , CON 2 NDS , AS IN 300256 ; S/T 433050, NU35449 BURLINGTON/NELSON TWP	BURLINGTON	Existing Easement, Temporary Agreement	Private
WTFN0041	071990064			PT LT 16 , CON 2 NDS , AS IN 655610 ; S/T NU35449 BURLINGTON/NELSON TWP	BURLINGTON	Existing Easement, Temporary Agreement	Private
WTFN0042	071980152			FIRSTLY ; PT LT 16 , CON 2 NDS , AS IN 270022, 216454 (SECONDLY), 216468, 217308, 220518 & PM169 ; SECONDLY ; PT LT 16 , CON 2 NDS , AS IN 282588, 272178, 280906, 269864, 272503 & 266390 ; S/T IN 282588, 272178, 270022, 280906, 272503 & 266390 ; S/T NU35449, NU38807 BURLINGTON/NELSON TWP	BURLINGTON	Refer to table 3-1	Municipal (Public Road)
WTFN0043	071980090			PT GUELPH LINE ( AKA REGIONAL RD #1 ) BTN # 1 SIDE RD & # 2 SIDE RD ; PT RDAL BTN LTS 15 & 16 , CON 2 NDS ; S/T NU34970. CITY OF BURLINGTON	BURLINGTON	Refer to table 3-1	Municipal (Public Road)
WTFN0044	071980151			PT LT 15 , CON 2 NDS , AS IN 268055 & PM169; SECONDLY ; PT LT 15 , CON 2 NDS , AS IN 250472 & PT 1	BURLINGTON	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				20R2027 ; S/T NU35344,NU38626,NU38964, NU38965,NU38966 BURLINGTON/NELSON TW			
WTFN0045	071980206			PT LTS 13 TO 15, CON 2 NDS, PARTS 1 TO 4, 20R11339, SAVE & EXCEPT 20M883; PT 21, 20R15318 & 20M990; BURLINGTON. S/T 429330 & NU35344.	BURLINGTON	Existing Easement, Temporary Agreement	Private
WTFN0047	071980078			PT LTS 12 & 13 , CON 2 NDS , PTS 1 TO 4, 20R7469 ; S/T 14839,471203,NU35341,NU35 343 CITY OF BURLINGTON	BURLINGTON	Existing Easement, Temporary Agreement	Private
WTFN0505	175120002			5TH CONCESSION ROAD EAST BEING ; ROAD ALLOWANCE BETWEEN CONS 4 & 5 EAST FLAMBOROUGH , LYING BETWEEN HIGHWAY NO.6 & CENTRE ROAD ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Refer to table 3-1	Municipal (Public Road)
WTFN0510	175110069			PT LOT 9, CONCESSION 4 EAST FLAMBOROUGH , AS IN VM157548 ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Temporary Agreement	Private
WTFN0511	175110065			PT LOT 9, CONCESSION 4 EAST FLAMBOROUGH , AS IN AB144093 ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Temporary Agreement	Private
WTFN0534	175111578			PART LOT 8 CONCESSION 4, EAST FLAMBOROUGH, PARTS 11, 12, 13 62R19999; SUBJECT TO AN EASEMENT OVER PART 12, 62R19999	HAMILTON	Temporary Agreement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				AS IN EF23804; CITY OF HAMILTON			
WTFN0551	175130124			PT ROAD ALLOWANCE BETWEEN CONS 4 & 5 EAST FLAMBOROUGH , LYING BETWEEN CENTRE ROAD & BEEFORTH ROAD ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Refer to table 3-1	Municipal (Public Road)
WTFN0577	175140111			PT LOT 4, CONCESSION 4 EAST FLAMBOROUGH , PART 2 , 62R7912 ; FLAMBOROUGH CITY OF HAMILTON	HAMILTON	Temporary Agreement	Private
WTFN0633	071990031			PT LT 19 , CON 2 NDS , AS IN 190726 ; BURLINGTON/NELSON TWP	BURLINGTON	Temporary Agreement	Private
WTFN1000	071980241			PART LOT 11 CONCESSION 2 NDS, PARTS 1, 2, 3, 4, 5, 6, 7, 12 & 13 20R20516 BURLINGTON/NELSON TWP SUBJECT TO AN EASEMENT OVER PARTS 2, 5 & 12 20R20516 AS IN 456942 SUBJECT TO AN EASEMENT OVER PARTS 1, 2, 3, 4, 5, 6, 7, 12 & 13 20R20516 AS IN NU14833 SUBJECT TO AN EASEMENT OVER PARTS 3, 6 & 13 20R20516 AS IN NU35452 SUBJECT TO AN EASEMENT OVER PARTS 12 & 13 20R20516 AS IN HR1366544 CITY OF BURLINGTON	BURLINGTON	Existing Easement, Temporary Agreement, Permanent Agreement	Conser-vation Authority
WTFN1001	071980242			PART LOT 11 CONCESSION 2 NDS, PARTS 8, 9, 10 & 11 20R20516 SUBJECT TO AN EASEMENT OVER PART 9	BURLINGTON	Existing Easement, Temporary Agreement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				20R20516 AS IN 456942 SUBJECT TO AN EASEMENT OVER PARTS 8, 9, 10 & 11 20R20516 AS IN NU14833 SUBJECT TO AN EASEMENT OVER PART 10 20R20516 AS IN NU35452 CITY OF BURLINGTON			
WTFN1002	072030036			PT WALKERS LINE LYING BTN #1 SIDE RD & #2 SIDE RD BEING ; PT RDAL BTN LTS 10 & 11 , CON 2 NDS ; PT LT 11 , CON 2 NDS , PT 3, 20R2447, PT 3, 20R3368, PT 1, 20R6843 ; A FORCED RD THROUGH; ; PT LT 11 , CON 2 NDS , PT 2, 20R6843 ; S/T 165782 BURLINGTON/NELSON TWP	BURLINGTON	Refer to table 3-1	Municipal (Public Road)
WTFN1003	072030003			PT LT 10 , CON 2 NDS , AS IN 391276 ; S/T 466075 BURLINGTON/NELSON TWP	BURLINGTON	Temporary Agreement	Private
WTFN1004	072030008			PT LTS 9 & 10 , CON 2 NDS , PART 1 & 2 , 20R6064 , S/T 707732 ; S/T 423195,NU35342 BURLINGTON/NELSON TW	BURLINGTON	Existing Easement, Temporary Agreement	Private
WTFN1005	072030004			PT LT 10 , CON 2 NDS , PART 1 , 20R753 ; BURLINGTON/NELSON TWP	BURLINGTON	Existing Easement, Temporary Agreement, Permanent Agreement	Private
WTFN1006	072030007			PT LT 9 , CON 2 NDS , PART 1 , 20R2707, T/W 855541 ; DESCRIPTION MAY NOT BE ACCEPTABLE IN FUTURE AS IN 855541; RE LT	BURLINGTON	None Required	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				FABRIC ; BURLINGTON/NELSON TWP			
WTFN1007	072030038			PT LTS 7 & 8 , CON 2 NDS , LYING SE #2 SIDE RD AS IN 185669; EXCEPT PT 1, PE90 ; S/T 423952,NU35272 BURLINGTON/NELSON TW	BURLINGTON	Existing Easement	Private
WTFN1008	072030011			PT LTS 7 & 8 , CON 2 NDS , AS IN 612788 ; S/T 466080, NU35271 CITY OF BURLINGTON	BURLINGTON	Existing Easement, Temporary Agreement	Private
WTFN1009	072030025			PT LT 6 , CON 2 NDS , PART 10, 11, 12 & 13 , 20R2860 , TW 655266 ; S/T 434385,NU35273 BURLINGTON/NELSON TWP	BURLINGTON	Existing Easement	Private
WTFN1010	072030026			PT LT 6 , CON 2 NDS , PART 1, 2, 3, 4, & 7 , 20R2860 , S/T 731022 ; S/T 423196,NU35273 BURLINGTON/NELSON TWP	BURLINGTON	Existing Easement	Private
WTFN1011	072030044			PT LTS 5 & 6, CON 2 NDS, PTS 3-11 20R2538 EXCEPT PT 1 20R5041; BURLINGTON. S/T EASE 36150 OVER PT 3 20R2538.	BURLINGTON	Existing Easement	Private
WTFN1012	072050001			PT APPLEBY LINE LYING BTN BRITANNIA RD AND #2 SIDE RD BEING FIRSTLY ; PT RDAL BTN CONS 5 & 6 NS ; PT LT 1 , CON 6 NS , AS IN 64816, 65407, 73710 ; PT LT 2, CON 6 NS, PART 2, 20R4461, PART 1, 20R5799, AS IN 64813, 64814, & 64934 ; PT LT 3 , CON 6 NS , AS IN 338176, 338175, 323019, 106891, 64812, EXCEPT 330431, 415883; S/T	BURLINGTON	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				323019 ; PT LT 4 , CON 6 NS , PART 2 , 20R8391 , AS IN 64815, BL611 ; PT LT 5 , CON 6 NS , PART 1 & 2 , 20R5907 ; PT LT 4 , CON 5 NS , PART 4 , 20R1202 , AS IN 139099 ; PT LT 6, CON 2 NDS, PART 5, 20R11438, PARTS 4 & 5, 20R3733, PT PART 1, 20R2309, AS IN 492186, BL714 ; PT LT 5 , CON 2 NDS , PART 3 , 20R5861 , AS IN BL714 ; AND SECONDLY, PART FORCED RD THROUGH LTS 1, 2, 3 & 4, CON 6 NS ; S/T 165782, NU14869, NU35451, NU36965 BURLINGTON/NELSON TWP			
WTFN1013	072050039			PT LT 5 , CON 2 NDS , AS IN NU39786, EXCEPT BL714, PT 2, 20R5861, PTS 1,2,3,4, & 5, 20R7522, 825497, & 769124 ; S/T 424566, NU35451 BURLINGTON/NELSON TW	BURLINGTON	Refer to table 3-1	Municipal (Public Road)
WTFN1014	072050045			PT LT 1, CON 6 NS; PT LTS 4 & 5, CON 2 NDS; PT ORIGINAL RDAL BTN CON 2 NDS & CONS 6&7 NS, AS CLOSED BY 189310, AS IN 825497, EXCEPT PTS 1 & 2, 20R13510; S/T 459530, NU35451; BURLINGTON/NELSON	BURLINGTON	Existing Easement, Temporary Agreement	Private
WTFN1015	072050007			PT BELL SCHOOL LINE LYING SE OF BRITANNIA RD, BEING FIRSTLY ; PT LT 3 , CON 6 NS , PART 2 , 20R8042 ; PT LT 1 , CON 7 NS , PART 5 , 20R360 ; PT LT	BURLINGTON	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				5, CON 6 NS, PART 3, 20R6960; PT LT 4, CON 2 NDS, PART 6, 20R360; AND SECONDLY; PT RDAL BTN CONS 6 & 7 NS, LYING SW OF THE CENTRE LINE; PT FORCED RD THROUGH LT 3, CON 2 NDS LYING SW OF THE CENTRE LINE; PT FORCED RD THROUGH LT 1, CON 7 NS, LYING SW OF THE CENTRE LINE; PT FORCED RD THROUGH PT RDAL BTN CON 2 NDS & CON 7 NS (AS CLOSED BY 189310) ABUTTING 427429 (SECONDLY) AS SHOWN ON 20R360, EXCEPT 825497.; BURLINGTON/NELSON TWP			
WTFN1016	249340001			BELL SCHOOL LINE; PT BELL SCHOOL LINE LYING SE OF BRITANIA RD, BEING; FIRSTLY; PT RDAL BTN CONS 6 & 7 NNS, LYING NE OF THE CENTRE LINE & SE OF BRITANIA RD; PT LT 1, CON 7 NNS, PART 2, 3 & 4, 20R360; PT LT 3, CON 2 NNDS, PART 1, 20R360; PT RDAL BTN CONS 7 NNS & 2 NNDS, AS IN 427249; PT BELL SCHOOL LINE, LYING NE OF THE CENTRE LINE OF A FORCED RD THROUGH LOT 1, CON 7, NNS, LOTS 3 AND 4, CON 2, NNDS & PT OF THE RDAL BTN LOT 4, CON 2, NNDS; SECONDLY; BURLINGTON/NELSON	BURLINGTON	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN1017	249340085			PT LT 3, CON 2 NNDS , NELSON, AS IN 218559, EXCEPT PT 1, 20R360; S/T 4 30401,NU35475 MILTON	MILTON	Existing Easement, Temporary Agreement	Private
WTFN1018	249340088			PT LT 2, CON 2 NNDS , AS IN 339055, EXCEPT 339188, 339446, S/T 73360; S/T 464460,NU35533 BURLINGTON/NELSON "AMENDED MAR 11 '99 J. MENARD"	MILTON	Existing Easement, Temporary Agreement	Private
WTFN1019	249340097			PT LT 1, CON 2 NNDS , AS IN 829581 ; S/T 456752,NU35450 BURLINGTON/NELSON	MILTON	Existing Easement, Temporary Agreement	Private
WTFN1020	249340025			PT TREMAINE RD LYING BTN NO. 2 SIDEROAD & BRITANNIA RD ; SW1/2 RDAL BTN TOWNSHIPS OF NELSON & TRAFALGAR LYING WITHIN CON 2, NORTH OF DUNDAS STREET ; PT OF THE RDAL BTN TOWNSHIPS OF NELSON & TRAFALGAR NEW SURVEY ; PT LT 1, CON 7 NNS , PT 1, PL 20R3121 & AS IN 140738, 195385, S/T 140738, 195385, 461386 ; PT LT 3, CON 7 NNS , AS IN 340899 S/T 340899 ; PT LT 4, CON 7 NNS , AS IN 269386 S/T 269386 ; PT LTS 4 & 5, CON 7 NNS , PART 2 , 20R11735 , S/T NU36927 PARTIALLY RELEASED BY 92645 ; PT LT 5, CON 7 NNS , AS IN 271970 S/T 271970 ; PT LT 1, CON 1 TRAFALGAR NEW SURVEY ,	MILTON	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				PART 2 , 20R1159 , & AS IN PL1256,109740, 137842 S/T 109740, 137842, 381078 ; PT LT 2, CON 1 TRAFALGAR NEW SURVEY , AS IN 298713 S/T 298713 ; PT LT 4, CON 1 TRAFALGAR NEW SURVEY , AS IN 143071, 298667 S/T 143071, 298667 ; PT LT 5, CON 1 TRAFALGAR NEW SURVEY , AS IN 221872 ; S/T NU34970; BURLINGTON ; S/T 63511,NU34970 BURLINGTON/MILTON			
WTFN1021	249270010			PT TREMAINE RD, BEING ; PT RDAL BTN TWPS NELSON & TRAFALGAR , LYING E OF THE CENTER LINE & BTN LOWER BASE LINE & THE SLY LIMIT OF DUNDAS ST W (AKA HWY 5) ; FIRSTLY ; PT LT 35, CON 1 TRAFALGAR, NORTH OF DUNDAS STREET , PARTS 2, 3, 4, 6, 7, & 8, 20R4769 & AS IN 301138 & 275290 ; PT LT 35, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 2 , 20R1750 , & AS IN PM78 & PT PM1256, BEING THAT PT LYING S OF THE INTERSECTION OF THE RDAL BTN TOWNS OF OAKVILLE & BURLINGTON & THE RDAL BTN OLD & NEW SURVEYS ; SECONDLY ; PT LT 35, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 3 , 20R875 , & AS IN 171334; S/T 373266, 171334 & 128335 ; S/T	MILTON; OAKVILLE	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				DEBTS, IF ANY, IN 373266 ; S/T NU34970,TW26692 MILTON/TRAFALGAR			
WTFN1022	249270004			PT LT 35, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 252015, LYING W OF THE RAILWAY LANDS ; S/T 423191,TW26530,TW30915,T W31026 MILTON/TRAFALGAR	MILTON	Refer to table 3-1	Railroad (Surplus Lands)
WTFN1023	249270014			PT LT 35, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN PM69, LYING BTN TREMINE RD & LOWER BASE LINE; EXCEPT PM 99 ; S/T TW26530,TW30915,TW31026 MILTON/TRAFALGA	MILTON	Refer to table 3-1	Railroad
WTFN1024	249270013			PT LT 35, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 252015, LYING E OF THE RAILWAY LANDS ; S/T 423191,TW26530 MILTON	MILTON	Refer to table 3-1	Railroad (Surplus Lands)
WTFN1025	249270019			PT LT 34, CON 2 TRAF NDS, PT 1, 20R9263 ; MILTON. S/T 454182,TW26397.	MILTON	Refer to table 3-1	Railroad (Surplus Lands)
WTFN1026	249270018			PT LT 34, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PARTS 1, 2, 3 & 4 , 20R3979 ; S/T 454182,TW26397 MILTON/TRAFALGAR	MILTON	Existing Easement, Temporary Agreement	Private
WTFN1027	249270025			PT LT 33, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 426720, EXCEPT PT 1,	MILTON	Existing Easement, Temporary Agreement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN1028	249270055			20R10568 ; S/T 464458,TW26756 MILTON/TRAFALGAR			
WTFN1029	249270056			PT LTS 31 & 32, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 508220 ; S/T 420852,TW27691 MILTON/TRAFALGA	MILTON	Existing Easement, Temporary Agreement	Private
WTFN1030	249270114			PT LTS 31 & 32, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 266901 & 683335 ; S/T TW27160,TW27691,TW29350 MILTON/TRAFALGAR	MILTON	Existing Easement, Temporary Agreement	Private
WTFN1031	249280350			HENDERSON RD, BEING, ; PT RDAL BTN LTS 30 & 31, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , LYING BTN LOWER BASE LINE AND HWY 25 ; FIRSTLY ; PT LT 30, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 110809, 132822 & 241156 ; SECONDLY ; PT LT 31, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 100053 ; S/T 110809, 132822 & 241156 ; MILTON/TRAFALGAR	MILTON	Refer to table 3-1	Municipal (Public Road)
WTFN1031	249280350			PT HWY 25 AKA BRONTE RD; RDAL BTN LTS 30 & 31, CON 1 TRAF NDS, PT RDAL BTN LTS 30 & 31, CON 2 TRAF NDS; PT LTS 30 & 31, CON 1 TRAF NDS; PT LTS 30 & 31, CON 2 TRAF NDS; EXCEPT PT RDAL BTN LTS 30 & 31 CON 2 & PT LT 30	MILTON; OAKVILLE	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				CON 2 TRAF NDS PT 1 20R20115; S/T H633392 TOWN OF OAKVILLE			
WTFN1032	249270161			PT LT 30, CON 2 TRAF, NDS, AS IN 842573, EXCEPT THE EASEMENT THEREIN AND SAVE AND EXCEPT PART 6, 20R18872; S/T 422348,TW27158,TW28965 TOWN OF MILTON	MILTON	Existing Easement, Temporary Agreement	Private
WTFN1033	249270049			PT LT 30, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 603417, EXCEPT 110809 ; S/T 416701,421976,TW27158,TW 28965 MILTON/TRAFALGA	MILTON	Existing Easement, Temporary Agreement	Private
WTFN1034	249270048			PT LT 30, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 530860 ; S/T 421340,TW28965 MILTON/TRAFALGAR	MILTON	None Required	Private
WTFN1035	249270153			PT LT 30, CON 2 TRAF NDS, PART 1 , 20R7776 SAVE AND EXCEPT PTS 1, 4, 5, 12 & 13, 20R18872 SUBJECT TO AN EASEMENT AS IN 430980 SUBJECT TO AN EASEMENT AS IN TW26391 TOWN OF MILTON	MILTON	Existing Easement, Temporary Agreement	Private
WTFN1036	249270152			PT LT 30, CON 2 TRAF NDS PARTS 4, 5, 12 & 13 ON PLAN 20R-18872 SUBJECT TO AN EASEMENT AS IN 430980 SUBJECT TO AN EASEMENT AS IN TW26391 TOWN OF MILTON	MILTON	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN1037	249280158			PT LT 30, CON 2 NDS, PTS 1, 2, 7 & 9, 20R14074; OAKVILLE. S/T 422441 & TW26391.	OAKVILLE	Refer to table 3-1	Municipal (Public Road)
WTFN1038	249280160			PT LT 30, CON 2 NDS, PTS 4, 5, 8 & 10, 20R14074; OAKVILLE. S/T 422441 & TW26391.	OAKVILLE	Refer to table 3-1	Municipal (Public Road)
WTFN1039	249280231			PT LT 30, CON 2 NDS, PARTS 1 TO 8, 20R18947 SUBJECT TO AN EASEMENT AS IN 422441 SUBJECT TO AN EASEMENT AS IN TW26391 TOWN OF OAKVILLE	OAKVILLE	Refer to table 3-1	Municipal (Public Road)
WTFN1040	249280245			PT LT 30, CON 2 NDS, AS IN 651772 EXCEPT PTS 1 TO 10, 20R14074 AND PARTS 1 TO 8, 20R18947 & EXCEPT PTS 1 & 2 ON 20R19065 SUBJECT TO AN EASEMENT AS IN 422441 SUBJECT TO AN EASEMENT AS IN TW26391 TOWN OF OAKVILLE	OAKVILLE	Existing Easement, Temporary Agreement	Private
WTFN1041	249280010			PT LT 29, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PTS 2, 3, 4, 5, 20R6817, S/T 825858, IF ANY, T/W 659768 ; S/T 459532, TW26400 OAKVILLE/TRAFALGAR	OAKVILLE	Refer to table 3-1	Municipal (Surplus Lands)
WTFN1042	249280008			PT LT 28, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN TW31748, EXCEPT 328958, 166130, PT 2, 20R6828 ; S/T 429255, TW26541 OAKVILLE/TRAFALGAR	OAKVILLE	Existing Easement, Temporary Agreement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN1043	249280007			PT LT 28, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1 , 20R8923 ; S/T 428752,TW23698,TW26398 OAKVILLE/TRAFALGAR	OAKVILLE	Existing Easement, Temporary Agreement	Private
WTFN1044	249280006			PT LT 27, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 2, 4, 5, 6 , 20R4632 , PT LT 27, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1 , 20R4817 , T/W 530544, 288048 ; S/T 421338,TW26390 OAKVILLE/TRAFALGAR	OAKVILLE	Existing Easement, Temporary Agreement	Private
WTFN1045	249280091			PT LT 23, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 166131, S/T 166131 ; PT LTS 24 & 25, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 171351, S/T 171351 ; PT LTS 24, 25 & 26, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PT UNOPENED RDAL BTN LTS 25 & 26, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 179617, S/T 179617 ; PT LT 27, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 153571, 247833, 270587 ; S/T TW19700,TW19846,TW23618 ,TW23625,TW23697,TW2407 8,TW26390 ,TW26396,TW267 46,TW26749 OAKVILLE/TRAFALGAR	OAKVILLE	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN1046	249280251			PT LT 26, CON 2 NDS, PTS 4 & 6, 20R5373 EXCEPT PTS 2 & 3, 20R12368 & EXCEPT PT 3, 20R16655; S/T TW26396; T/W 179617 TOWN OF OAKVILLE	OAKVILLE	Existing Easement	Private
WTFN1048	249280100			PT UNOPENED RD ALL BTN LTS 25,26, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AKA THIRD LINE, PT 7, 9, 20R5373 ; S/T TW26396 S/T INTEREST IN 553788 IF ANY; OAKVILLE/ TRAFALGAR AMENDED A. ROBLEY MAY 26, 97	OAKVILLE	Refer to table 3-1	Municipal (Surplus Lands)
WTFN1050	249280148			PT LT 25, CON 2 NDS, PTS 1,3, 20R5373 EXCEPT PT 1, 20R12368; S/T TW26396; OAKVILL	OAKVILLE	Existing Easement	Private
WTFN1051	249280093			PT LTS 24 & 25, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1 & 3 , 20R2239 , EXCEPT PT 1, 20R5083; T/W 171351 ; S/T TW26746 OAKVILLE/TRAFALGA	OAKVILLE	Refer to table 3-1	MGCS
WTFN1055	249280056			PT LT 24, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 2 , 20R2239 ; OAKVILLE/TRAFALGAR	OAKVILLE	Temporary Agreement	Private
WTFN1530	072030037			PT #1 SIDE RD LYING BTN WALKERS LINE & APPLEBY LINE BEING ; PT RDAL BTN CONS 1 & 2 NDS ; PT LT 9 , CON 2 NDS , PT 3, 20R6064, PT 1, 20R6281 ; PT LT 7 , CON 2 NDS , PART 3 ,	BURLINGTON	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				20R8058 ; BURLINGTON/NELSON TW			
WTFN1534	072050002			PT #2 SIDE RD BEING A FORCED ROAD THROUGH LTS 4 & 5, CON 2 NDS ; BURLINGTON/NELSON TWP	BURLINGTON	Refer to table 3-1	Municipal (Public Road)
WTFN1558	249340061			PT LOWER BASE LINE, LYING NE OF TREMAINE RD AND SW OF HWY 25, BEING, ; FIRSTLY ; PT RDAL BTN CONS 2 NORTH OF DUNDAS STREET & ALL CONCESSIONS IN NS ; PT LT 1, CON 1 TRAFALGAR NEW SURVEY , AS IN PL1256, 282595 ; PT LT 1, CON 2 TRAFALGAR NEW SURVEY , AS IN 80190, 121843, 224857, 224858, 224859, 298669 ; PT LTS 34 & 35, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN PL1256 ; PT LT 33, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 234357 ; PT LT 32, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 304629 ; PT LT 31, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 652315 ; SECONDLY ; PT LT 1, CON 2 TRAFALGAR NEW SURVEY , AS IN 298668, S/T 282595, 121843, 224857, 224858, 224859, 234357, 304629, 288606 ; MILTON/TRAFALGAR	MILTON	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN1603	249330093			PT OF LOWER BASE LINE RD, E OF HWY #25; PT OF THE RDAL BTN CON 2, TRAFALGAR, NORTH OF DUNDAS STREET & CON 3, TRAFALGAR NEW SURVEY ; PT LT 28, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 328958 ; PT LT 27, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 288048 " PT LT 27 CON 2 NDS TRAF AS IN 134495, S/T 134495" & S/T 288048 ; MILTON/TRAFALGAR "AMENDED AUG 19 '99 J. MENARD"	MILTON; OAKVILLE	Refer to table 3-1	Municipal (Public Road)
WTFN1610	249280005			PT LT 27, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 437644, EXCEPT PARTS 2,4, 5, 6, 20R4632 AND PART 1, 20R4817, T/W 288048, S/T 53594, PARTIALLY SURRENDERED BY 153295 ; S/T 421338,502868,TW26390 OAKVILLE/TRAFALGAR	OAKVILLE	Refer to table 3-1	MGCS
WTFN1614	249330002			PT OF LOWER BASE LINE RD LYING BTN THIRD LINE RD & FOURTH LINE RD ; FIRSTLY ; PT OF THE RDAL BTN CON 2, TRAFALGAR, NORTH OF DUNDAS STREET & LOT 1, CON 4, TRAFALGAR NEW SURVEY ; PT LT 23, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1 , 20R5958 , S/T 566582 ; PT LT 25, CON 2 TRAFALGAR,	MILTON; OAKVILLE	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				NORTH OF DUNDAS STREET , AS IN 184651 S/T 184651, 213715 ; PT LT 1, CON 4 TRAFALGAR NEW SURVEY , AS IN 357236, 234356 S/T 234356 ; PT LT 1, CON 4 TRAFALGAR NEW SURVEY , AS IN 127586 S/T 127586 ; PT LT 1, CON 4 TRAFALGAR NEW SURVEY , AS IN 357237 S/T 357237 ; PT LT 1, CON 4 TRAFALGAR NEW SURVEY , AS IN 357727 S/T 357727 ; SECONDLY ; PT LT 22, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1 , 20R10126 , S/T 78940 ; MILTON/TRAFALGAR			
WTFN1615	249280057			PT LTS 24 & 25, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1 , 20R5083 ; OAKVILLE/TRAFALGA	OAKVILLE	Refer to table 3-1	Municipal (Surplus Lands)
WTFN2000	249280145			PT LT 23, CON 2, TRAF, NDS, PART 1, PL 20R5735, SAVE AND EXCEPT PART 1, 20R5958 AND PART 1, 20R12482; OAKVILLE. T/W 166131, 566582. S/T TW26749.	OAKVILLE	Existing Easement	Private
WTFN2002	249280182			PT LT 21, CON 2 TRAF NDS, PTS 7 & 8, 20R9926, PT LT 22, CON 2 TRAF NDS, PTS 1 TO 4, 20R9926 & PTS 1 TO 6, 20R10123 S&E PTS 1 & 2, 20R10126 & PT 1, 20R17557; OAKVILLE. S/T 471204, TW19814, TW23617, TW26395.	OAKVILLE	Existing Easement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN2003	249290086			FOURTH LINE RD BEING PART OF THE RD ALLOWANCE AND A FORCED RD THROUGH LTS 21 AND 22 CON 2 TRAFALGAR, NORTH OF DUNDAS STREET ; LYING BTN DUNDAS ST (AKA KING'S HWY NO.5) AND LOWER BASE LINE IN TRAFALGAR NEW SURVEY ; FIRSTLY ; PT RDAL BTN LTS 20 & 21, CON 1 TRAFALGAR, NORTH OF DUNDAS STREET ; PT RDAL BTN LTS 20 & 21, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET ; PT RDAL BTN CONS 4 TRAFALGAR NEW SURVEY AND 5 TRAFALGAR NEW SURVEY ; PT LT 1, CON 5 TRAFALGAR NEW SURVEY , PARTS 3 & 4 , 20R10101 ; PT LT 1, CON 5 TRAFALGAR NEW SURVEY , AS IN 214186 ; PT LT 21, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 129514, 161619, 356984 ; PT LT 21, CON 1 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1, 2 , 20R6762 ; SECONDLY ; PT LT 21, CON 1 TRAFALGAR, NORTH OF DUNDAS STREET , PART 3 , 20R5073 ; PT LT 21, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 2 , 20R10028 ; PT LT 21, CON 2 TRAFALGAR, NORTH OF	MILTON; OAKVILLE	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				DUNDAS STREET , AS IN 196171; S/T 129514, 161619, 214186, 356984, 556246, 749126 ; PT LT 22, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 2 , 20R10126 ; S/T DEBTS, IF ANY, IN 556246 ; S/T THE INTEREST(S) IN 688230 ; S/T TW26565 OAKVILLE/TRAFALGAR			
WTFN2004	249280092			PT LT 21, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 158254 (FIRSTLY) EXCEPT PTS 7 & 8, 20R9926 & 161619 ; S/T TW19815,TW26565,TW27114 OAKVILLE	OAKVILLE	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN2007	249290145			PT LTS 16, 17, 18, 19, 20 & 21, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET ; PT RDAL BTN LTS 20 AND 21, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 202800, 219410, 163642, 166134,158254, 220344; EXCEPT 161619, 227541; S/T 158254, 202800 PARTIALLY RELEASED BY HR881228, 219410 ; S/T 502868,TW26389, TW26532, TW26565, TW26751, TW27103, TW27109 & 227541. S/T DELETED 15 09 99 BY J MENARD TOWN OF MILTON	MILTON	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN2008	249290166			PT RDAL BTN LTS 20 & 21, CON 2 TRAF NDS; PT LT 21,	MILTON	Existing Easement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN2009	249290153			CON 2 TRAF NDS, AS IN 827122; T/W 186249 TOWN OF MILTON			
				PT LTS 19 & 20, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 80176, EXCEPT 166134 ; S/T TW19872,TW24010,TW27109 TOWN OF MILTON	MILTON	Existing Easement	Private
WTFN2013	249290251			PT LT 18, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET ; PT UNOPENED RDAL BTN CONS 2 TRAFALGAR, NORTH OF DUNDAS STREET & 6 TRAFALGAR NEW SURVEY ; PT LT 1, CON 6 TRAFALGAR NEW SURVEY ; S/T THE INTEREST(S) IN THE CORPORATION OF THE TOWN OF MILTON. T/W EASEMENT AS IN HR867208 TOWN OF MILTON	MILTON	Existing Easement	Private
WTFN2014	249290252			PT LT 17, CON 2 NDS, PT 1 20R9524; T/W 281643 & 357220, S & E PTS 1-5 20R17612 SUBJECT TO AN EASEMENT AS IN TW26389 TOWN OF MILTON	MILTON	Existing Easement, Temporary Agreement	Private
WTFN2015	249290140			PT LT 16, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET, PART 1 - 6 , 20R2816, T/W 272624, S/T TW26532, S/T 444068 PARTIALLY RELEASED BY HR881228. TOWN OF MILTON	MILTON	Refer to table 3-1	MGCS

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN2016	249290139			PT LT 16, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET, PART 7 TO 9, 20R2816, S/T 444068 PARTIALLY RELEASED BY HR881228; T/W 272624. SUBJECT TO AN EASEMENT IN GROSS OVER PT 1, 20R18860 AS IN HR931160 TOWN OF MILTON	MILTON	Refer to table 3-1	MGCS
WTFN2017	249290002			SIXTH LINE LYING BTN BURNHAMTHORPE RD AND LOWER BASE LINE RD ; FIRSTLY ; RDAL BTN LTS 15 AND 16, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET ; PT LT 16, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 227541, 272584, 357792 ; PT LT 15, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 241342 ; SECONDLY ; PT LT 15, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 241341; S/T 272584*, 241341, 357792 ; S/T TW26532 OAKVILLE/TRAFALGAR *REG'N NO. AMENDED 14 09 99 BY J MENARD*	MILTON; OAKVILLE	Refer to table 3-1	Municipal (Public Road)
WTFN2018	249290035			PCL 14-2, SEC T-13 ; PT LT 15, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 6, 7, 8, 9, 10 & 11 , 20R6284 , T/W PT LT 15, CON 2 TND, PT 2, 20R534, AS IN 174907 ; S/T TW26531 MILTO	MILTON	Refer to table 3-1	MGCS

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN2019	249290033			PT LTS 13, 14 & 15, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 149215, 151914, 174907 ; S/T DEBTS, IF ANY, IN 174907 ; S/T TW26393,TW26394,TW26531 & *502868* MILTON/TRAFALGAR *ADDED 14 09 99 BY J MENARD*	MILTON	Refer to table 3-1	Hydro One/ Infrast-structure Ontario
WTFN2021	249290032			PT LTS 13 & 14, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 241112 ; *S/T TW26394* MILTON/TRAFALGAR *ADDED 14 09 99 BY J MENARD*	MILTON	Existing Easement, Temporary Agreement	Private
WTFN2022	249293908			PT LT 13, CON 2 TRAF NDS PTS 1-4 PE87, PT LT 13 CON 2 TRAF AS IN 410983 EXCEPT PT 6, 20R11326 AND PART 4 20R20021; PT LT 13 & 14 CON 2 TRAF NDS, PT 1 20R1782; PT LT 13 & 14 , CON 2 TRAF NDS, PT 1 PL1318 SAVE & EXCEPT PTS 1 & 2 20R14273. T/W 279752 & 410983. S/T TW26392, 421341, SAVE AND EXCEPT PARTS 1, 2, 3 & 4 ON 20R-18051 SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 5, 6, 7, 9 & 10 20R20021 AS IN HR1423712 SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 3 & 8 20R20021 AS IN HR1423713 TOWN OF MILTON	MILTON; OAKVILLE	Refer to table 3-1	MGCS

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN2023	249290026			PT LT 13, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 376957 EXCEPT PTS 1, 2, 3 & 4, PE87 ; EXCEPT PTS 7,9,11,13,15 & 17, 20R11458; S/T "TW19905", *421341, TW24055, TW26392; MILTON/TRAFALGAR "AMENDED MAY 31, '99 J. MENARD" *ADDED 14 09 99 BY J MENARD*	MILTON	Existing Easement, Temporary Agreement	Private
WTFN2024	249300135			PT OF TRAFALGAR RD (AKA SEVENTH LINE, REGIONAL RD NO. 3) LYING BTN OLDBASE LINE RD & BURNAMTHORPE RD; PT RDAL BTN LTS 12 & 13, CON 2 TRAF NDS, AS ESTABLISHED BY UNREGISTERED BYLAW 515; PT LT 12, CON 2 TRAF NDS, PTS 1 TO 3, 20R11326, PL822 & PT PE1257 S&E PTS 1 & 2, 20R16182 & PT LT 13, CON 2 TRAF NDS, PTS 5 & 6, 20R11326 & AS IN 279159 S&E PT 2,20R16182; MILTON. S/T 279159 & S/T TW26692.	MILTON; OAKVILLE	Refer to table 3-1	Municipal (Public Road)
WTFN2025	249300093			PT LT 12, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 9,10 , 20R11455 , PT LT 12, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1,2 , 20R11588 , PT LT 12, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 3,4 , PE151 ; S/T	MILTON	Refer to table 3-1	MGCS

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				TW25599,TW27099 MILTON/TRAFALGAR			
WTFN2026	249300095			PT LT 11, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1,3 , 20R1951 , EXCEPT PT 1, 20R4678 T/W 158253 ; S/T TW26388 MILTON/TRAFALGA	MILTON	Refer to table 3-1	MGCS
WTFN2027	249300088			PT LT 12, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 336600 EXCEPT PT 1,2,3, PE86, PT 1,2,3,4, PE151, S/T 336600 ; PT LT 11, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 158253 EXCEPT 161621, S/T 158253 ; S/T 484926,502868,TW19794,TW 19804,TW23613,TW25599,T W26388,T W27099 MILTON/TRAFALGAR	MILTON	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN2029	249300653			PT LT 12, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1,2,3,4 , PE86 , PT LT 12, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1,2 , PE88 EXCEPT PART 1 20R20025 ; PT LT 11, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 2 , 20R1951 , T/W 158253 ; PT LTS 11 & 12, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , AS IN 408944 EXCEPT PT1, 20R11326 ; S/T 502868,634290,TW19794,TW	MILTON; OAKVILLE	Refer to table 3-1	MGCS

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				26388,TW27099 MILTON/OAKVILLE SUBJECT TO AN EASEMENT IN GROSS OVER PART 3 20R20025 AS IN HR1423712 SUBJECT TO AN EASEMENT IN GROSS OVER PART 2 20R20025 AS IN HR1423713			
WTFN2030	249300662			PT RDAL BTN LTS 10 & 11, CON 2 TRAF NDS; PT LTS 10 & 11, CON 2 TRAF NDS, AS IN 161621 S/T 161621; S/T TW19804,TW23613,TW26388 ,TW26757 TOWN OF OAKVILLE	MILTON; OAKVILLE	Refer to table 3-1	Municipal (Surplus Lands)
WTFN2031	249300089			PT LT 10, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1,2 , 20R6208 , & AS IN 413532 EXCEPT PT 1, 20R5206 T/W 153253, 250612 ; S/T TW26388,TW26404 MILTON/TRAFALGA	MILTON	Refer to table 3-1	MGCS
WTFN2032	249300129			PT LT 6, CON 2 TRAF NDS AS IN 167304 EXCEPT PTS 1, 4, 7, 10 & 13 TO 16, PE84; EXCEPT PTS 1 TO 9, PE180, PTS 5 TO 10, 20R13954 & PTS 3 & 4,20R3287. S/T & T/W 167304. S/T 415837, 502868, 598244, 624755, TW26388, TW26401, TW26404, TW26405, TW26407 & TW27100. PT LT 7, CON 2 TRAF NDS, AS IN 166133. S/T & T/W 166133. PT LT 8, CON 2 TRAF NDS AS IN 151913. S/T & T/W 151931, TW19835	MILTON	Refer to table 3-1	Hydro One/ Infras-tructure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				PARTIALLY RELEASE BY 283371. PT LTS 8 & 9, CON 2 TRAF NDS AS IN 214249. S/T 214249. PT LT 10, CON 2 TRA F NDS, AS IN 250612 & 158253 EXCEPT 161621. T/W 161621. S/T 158253; MILTON SUBJECT TO AN EASEMENT OVER PART OF LOT 8, CONCESSION 2 TRAFALGAR, NORTH OF DUNDAS, BEING PARTS 1, 2, 3, 4 AND 5 ON PLAN 20R20470 AS IN HR1390036			
WTFN2033	249300076			PT LTS 8 & 9, CON 2 TRAF NDS, AS IN 485170 EXCEPT PT 1 20R4273; MILTON	MILTON	Existing Easement, Temporary Agreement	Private
WTFN2034	249300078			PT LT 8, CON 2 TRAF NDS, PT 1 20R19583 SUBJECT TO AN EASEMENT IN GROSS OVER PT 1 20R19983 AS IN HR1255672 TOWN OF MILTON	MILTON	Existing Easement, Temporary Agreement	Private
WTFN2035	249300079			PT LT 7, CON 2 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1,2,3 , 20R5452 ; S/T SPOUSAL INTEREST IN 782271 ; S/T BENEFICIARIES INTEREST , IF ANY, IN 782271 ; S/T 23610,26405,547558,TW1996 1 MILTON	MILTON	Temporary Agreement	Private
WTFN2036	249300128			PT LT 6, CON 2 TRAF NDS PTS 3 & 4, 20R3287; PT LT 7, CON 2 TRAF NDS, PT 1, 20R3287; PT LT 7 CON 2 TRAF NDS & PT LT 8, PL 162, PT 2, 20R3287; PT LT 7 CON 2 TRAF NDS & PTS LT 9 &	MILTON	Refer to table 3-1	Hydro One

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				10, PL 162, PTS 1 & 3 TO 6, EX PL 238 S&E PTS 1 & 2 EXP PE179; MILTON. T/W 167304 & 166133. S/TTW26405, TW26407 & 415837. SUBJECT TO AN EASEMENT OVER PARTS 1 & 2, PLAN 20R20466 AS IN HR1390029			
WTFN2037	249300115			PT LT 6, CON 2 TRAF NDS, AS IN 167304 EXCEPT PTS 1,4,7,10,13,14,15,16,PE84 AND EXCEPT PTS 1-9 PE180 & PTS 5-10 20R13954. S/T & T/W 167304; S/T 415837,502868,598244,62475 5,TW26388,TW26401,TW264 04,TW26405,TW26407,TW27 100. PT LT 7, CON 2 TRAF NDS, AS IN 166133. S/T & TW 166133; PT LT 7, CON 2 NDS, PT LTS 9 & 10 PL162, PTS 1,2,4,5,6 PM238 EXCEPT PTS 1,2 EX179; PT LT 8, PL 162, PT LT 7, CON 2 TRAF NDS, PTS 1 & 2 20R3287; PT LT 8 CON 2 TRAF NDS AS IN 151913, S/T & TW 151931, TW19835 PARTIALLY RELEASED BY 283371; PT LTS 8 & 9, CON 2 TRAF NDS AS IN 214249, S/T 214249; PT LT 10, CON 2 TRAF NDS, AS IN 250612 & 158253 EXCEPT 161621,T/W 161621, S/T 158253; MILTON	MILTON	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN2040	249300656			PT LT 10, CON 2 TRAF NDS, PTS 3,4,5,6,8,9,10 20R6208, T/W 158253, 250612; PT LTS 8 & 9, CON 2 TRAF NDS, PTS 1,2 20R199, T/W 214249; PT	MILTON; OAKVILLE	Refer to table 3-1	MGCS; MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				<p>LT 8, CON 2 TRAF NDS, PT 1 PE85; PT LT 7, CON 2 TRAF NDS, PT 1 20R2548, PT LT 7, CON 2 TRAF NDS, PT 1 R42 EXCEPT PT 1,5 20R5348; T/W 166133; PT LT 7, CON 2 TRAF NDS, PT 1,3 20R6129; PT LT 7, CON 2 TRAF NDS, PTS 6,7 20R6153; PT LT 7, CON 2 TRAF NDS, PT 3 20R6536; PT LT 6, CON 2 TRAF NDS, PTS 1,3,4,5 20R2134 EXCEPT PT 2,4 20R3287, PT 4, 20R5348, PT 6, 20R7686 AND PARTS 33 &amp; 34 20R20047; T/W 167304 ; PT LT 6, CON 2 TRAF NDS, PT 1 20R1980; PT LT 6, CON 2 TRAF NDS, PT 1 20R6006; PT LT 6, CON 2 TRAF NDS, PTS 1,2 20R6170; PT LT 6, CON 2 TRAF NDS, PTS 1-16 PE84; PT LT 6, CON 2 TRAF NDS, PT 1 PL1274; PT LT 6, CON 2 TRAF NDS, PT 1 20R5052; PT LT 6, CON 2 TRAF NDS, PTS 1,2 PE83 EXCEPT PT 5,6, 20R7686; S/T 502868, 550566, 555217, 618683 (EXCEPT PT 1,EX198), 619501, 815828, TW19808, TW198 12,TW19836,TW23609,TW23 695,TW26403,TW26407. S/T EASE 624755; MILTON/OAKVILLE &amp; MISSISSAUGA SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 1 &amp; 2, 20R20503 AS IN HR1379652 SUBJECT TO AN EASEMENT</p>			

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				IN GROSS OVER PART 32 20R20047 AS IN HR1423713			
WTFN2042	249300139			PT RD ALLOW BETWEEN LTS 5 & 6, CON 2 NDS TRAF (NINTH LINE) LYING BETWEEN OLD BASE LINE ROAD & BURNHAMTHORPE ROAD E; PT LT 6, CON 2 TRAF NDS, AS IN 96183 & 227541. S/T 227541 EXCEPT PT 1 20R17904; OAKVILLE & MISSISSAUGA. SUBJECT TO AN EASEMENT AS IN TW26403 SUBJECT TO AN EASEMENT AS IN 502868	MILTON; MISSISSAUGA; OAKVILLE	Refer to table 3-1	MTO; Municipal (Surplus)
WTFN2043	134040112			LT 6 REGISTRAR'S COMPILED PLAN 1542 TORONTO; LT 25 REGISTRAR'S COMPILED PLAN 1542 TORONTO; PT LT 1 REGISTRAR'S COMPILED PLAN 1542 TORONTO AS IN RO656195 EXCEPT PTS 1 & 2 43R6710; PT LT 5 REGISTRAR'S COMPILED PLAN 1542 TORONTO PTS 16, 17, 18, 19, 20 & 21 RO527904; PTS 1,2,3 & 4 RO670762; PT LT 8 REGISTRAR'S COMPILED PLAN 1542 TORONTO PT 25 43R6824; PT LT 7 REGISTRAR'S COMPILED PLAN 1542 TORONTO PT OF PT 7 RO496899 WLY RIDGEWAY DR PTS 28 & 29 43R6824; PT 27 43R6824 EXCEPT PTS 5 & 6 43R10880 BEING PT HWY 403 (AKA KINGS HWY) BTN NINTH LINE & WINSTON	MISSISSAUGA	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				CHURCHILL BLVD & N OF BURNHAMTHORPE RD ; S/T RO1001407,RO515252 SUBJECT TO AN EASEMENT AS IN TR29085 CITY OF MISSISSAUGA			
WTFN2044	134041990			PT LT 1 REGISTRAR'S COMPILED PLAN 1542 TORONTO (LYING WEST OF PTS 4,5,14 43R32600) DES PTS 1, 2 43R6710; PT LT 5 REGISTRAR'S COMPILED PLAN 1542 TORONTO PTS 3,4,5,6,7,8 43R8385 EXCEPT RO656195; S/T RO599253 ; S/T TR26402, TR26509 SUBJECT TO AN EASEMENT OVER PT 1, 43R32861 IN FAVOUR OF PT LT 1, PL 1542 DES PT 4, 43R32552 AS IN PR1734436 SUBJECT TO AN EASEMENT OVER PT 5, 43R32552 IN FAVOUR OF PT LT 1, PL 1542 DES PT 4, 43R32552 AS IN PR1734520 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 1, 2, 3, 4, PL 43R33687 AS IN PR1982379 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	MGCS
WTFN2045	134041987			PT LT 5 REGISTRAR'S COMPILED PLAN 1542 TORONTO (LYING WEST OF PTS 15,27,28,35,36, 43R32600) AS IN TR180513, TR193269, TR252340 (FIRSTLY) EXCEPT RO527904, RO670762, PTS 1,2,3,4, 43R18850; PT 1, 43R13735; PTS 1, 2,3,4,5,6,7,8, 43R8385; PTS	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-tructure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				15,16,17,18,24,25,27,28,35,36 , 43R32600; S/T TR252340 ; EXCEPT S/T TR193269 (SECONDLY) ; S/T RO1028935, RO515252, TR27107, TR26402 CITY OF MISSISSAUGA			
WTFN2047	134041989			PT LT 1, REGISTRAR'S COMPILED PLAN 1542, DES PTS 4, 5, 6, 7, 8, 11, 12, 13 & 14 ON 43R-32600; S/T TR26402 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 6 & 12, 43R32600 AS IN PR1722367 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 6 & 12, 43R32600 AS IN PR1730394 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN2048	134041986			PT LT 5, REGISTRAR'S COMPILED PLAN 1542, DES PTS 15, 16, 17, 18, 24, 25, 27, 28 & 35, 43R-32600; S/T TR26402, RO515252; PT LT 7, REGISTRAR'S COMPILED PLAN 1542, DES PT 36 ON 43R-32600; S/T RO1028935 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 17 & 24, 43R32600 AS IN PR1722367 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 17 & 24, 43R32600 AS IN PR1730394 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN2050	134041991			PT LT 1 REGISTRAR'S COMPILED PLAN 1542 TORONTO (LYING EAST OT PTS 7,8,11, 43R32600) DES PTS 1, 2 43R6710; PT LT 5	MISSISSAUGA	Refer to table 3-1	MGCS

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				REGISTRAR'S COMPILED PLAN 1542 TORONTO PTS 3,4,5,6,7,8 43R8385 EXCEPT RO656195; S/T RO599253 ; S/T TR26402, TR26406, TR27107 SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 1 TO 13, 63, 82 TO 102, 107, 108, 109, 119, 120, 121, PLAN 43R35391 AS IN PR2461823 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 1 TO 4, 43R36651 AS IN PR2825273 CITY OF MISSISSAUGA			
WTFN2051	134041988			PT LT 5 REGISTRAR'S COMPILED PLAN 1542 TORONTO (LYING EAST OF PTS 17,18,24,25,27,28,35,36, 43R32600) AS IN TR180513, TR193269, TR252340 (FIRSTLY) EXCEPT RO527904, RO670762, PTS 1,2,3,4, 43R18850; PT 1, 43R13735; PTS 1,2,3,4,5,6,7,8, 43R8385; PTS 15,16,17,18,24,25,27,28,35,36 , 43R32600; S/T TR252340 ; EXCEPT S/T TR193269 (SECONDLY) ; S/T RO1028935, RO515252, TR27107, TR26402 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 20, 23, 30, 33, 38, 43R32600 AS IN PR1722367 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 20, 23, 30, 33, 38, 43R32600 AS IN PR1730394 SUBJECT TO AN EASEMENT AS IN TR29085 SUBJECT TO	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				AN EASEMENT IN GROSS OVER PTS 14, 19, 20, 24, 28, 32, 34, 37, 38, 39, 41, 42, 43, 45, 46, 47 & 49, PL 43R-35391 AS IN PR2454455 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 29 & 35, 43R-35391 AS IN PR2454456 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 5 TO 7, 43R36651 AS IN PR2825273 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 1-28 43R36410 AS IN PR3083725 CITY OF MISSISSAUGA			
WTFN2053	134030235			PT KING'S HWY 403 : LYING N OF PARTS 3, 7 AND 8, 43R11870 AND LYING S OF N LIMIT OF PARTS 4, 5, 6 AND 9, 43R11870 EXCLUDING PART 25, 43R6824 BEING ; PT RDAL BTN FORMER TORONTO TWP AND TRAFALGAR AS IN DESIGNATION PLANS RO521929 AND RO522072 ; PT LT 11 REGISTRAR'S COMPILED PLAN 1003 , AS IN 67028VS ; PT LT 21 REGISTRAR'S COMPILED PLAN 1003 , BEING PTS 1 TO 15 EXPRO PL RO527904 ; PT LT 8 REGISTRAR'S COMPILED PLAN 1542 , BEING PT OF PART 23 AND PART 24, 43R6824 AS IN RO889846 ; PT LT 26 REGISTRAR'S COMPILED PLAN 1542 , PART 5 , 43R11870 , AND AS IN	MISSISSAUGA	Refer to table 3-1	MTO; Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				RO575846 ; PT LT 4 REGISTRAR'S COMPILED PLAN 1542 , PART 16 , 43R6824 ; S/T 153219VS ; S/T RO1001407,TR27107,TR2908 5,TR63512,TT103316,TT6732 9,TT76 317,VS399262 MISSISSAUGA			
WTFN2056	134030248			PT LT 21, REGISTRAR'S COMPILED PLAN 1003 DES PTS 2, 3, 4, 5 & 6, 43R35390; S/T TT67329, TT76317 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	MTO
WTFN2057	134030247			PT LT 12, PLAN 1003 DES PTS 1, 2 AND PT OF PART 3, 43R6729 LYING W OF PART 4, 43R16628 EXCEPT PT 1, 43R35390 ; S/T LT275141, LT275142 SUBJECT TO AN EASEMENT IN GROSS OVER PT 3, PL 43R36371 AS IN PR2775726 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	MGCS
WTFN2058	134030249			PT LT 21, REGISTRAR'S COMPILED PLAN 1003 AS IN 153219VS LYING E OF PT 3, EXPROP PL 527904 AND W OF PARTS 7, 10 AND 13, 43R16628 EXCEPT PTS 2 TO 6, 43R35390; S/T 153219VS, (PARTIALLY RELEASED BY PR2219286 AND PR2306871); S/T RO1028935, RO567588, TT103316, TT41385, TT55916, TT65802, TT67329, TT76316, TT76317 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN2516	249290138			PCL 16-2, SEC T-13; PT LT 16, CON 2 TRAF NDS, PT 2 20R11505, T/W PT LT 16, PT	MILTON	Refer to table 3-1	MGCS

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				4 20R10995, AS IN 272624; T/W PT LT 16, PTS 3,5 20R10995, AS IN 444068 SUBJECT TO AN EASEMENT IN GROSS OVER PT 2, 20R18997 AS IN HR1018787 TOWN OF MILTON			
WTFN2585	249290247			PART OF LOT 16, CONCESSION 2 TRAFALGAR, NDS, DESIGNATED AS PARTS 1, 2 AND 3 ON PLAN 20R-18522, TOGETHER WITH AN EASEMENT OVER PT 4, 20R10995 AS IN 272624 TOGETHER WITH AN EASEMENT OVER PTS 3 & 5, 20R10995 AS IN 444068 TOWN OF MILTON	MILTON	Refer to table 3-1	LDC
WTFN2586	249310182			PART OLD BASE LINE RD; PART ROAD ALLOWANCE BETWEEN CONCESSION 2 NORTH DUNDAS STREET & CONCESSIONS 8 & 9 TRAFALGAR NEW SURVEY; PART LOTS 8 & 9 CONCESSION 2 NORTH DUNDAS STREET AS IN 357217, S/T 357217; PART LOT 9 CONCESSION 2 NORTH DUNDAS STREET AS IN 505679, S/T 505679; PART LOT 11 CONCESSION 2 NORTH DUNDAS STREET AS IN 357029, S/T 357029; PART LOT 1 CONCESSION 8 TRAFALGAR NEW SURVEY AS IN 163201, S/T 163201; PART LOT 1 CONCESSION 8 TRAFALGAR NEW SURVEY AS IN 157262, S/T 157262;	MILTON	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				PART LOT 1 CONCESSION 8 TRAFALGAR NEW SURVEY AS IN 149493, S/T 149493; PART LOT 1 CONCESSION 9 TRAFALGAR NEW SURVEY AS IN 170056, S/T 170056; PART LOT 1 CONCESSION 9 TRAFALGAR NEW SURVEY AS IN 193547, S/T 193547; PART LOT 1 CONCESSION 9 TRAFALGAR NEW SURVEY AS IN 280046, S/T 280046; MILTON/TRAFALGAR & MISSISSAUGA TOWN OF MILTON			
WTFN3000	133990447			PCL 12-3, SEC 43-1003; PART LOT 12 REGISTRAR'S COMPILED PLAN 1003, PT OF PART 3 AND PARTS 4 TO 7, 43R6729 LYING BTN E LIMIT PART 5, 43R16628 AND ERIN MILLS PARKWAY; S/T LT275141, LT275142 SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 24, 25, 26, 27, 30, 31, 36, 37, 38, 39, 40, 60, 61, 62, 63, 67, 67, 68, 69 AND 70, PLAN 43R35396 AS IN PR2461823 SUBJECT TO AN EASEMENT IN GROSS OVER PART 2, PLAN 43R36356 AS IN PR2743612 SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 1, 2 & 3 PLAN 43R37389 AS IN PR3103212 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	MGCS
WTFN3001	133850402			PCL 12-4, SEC 43-1003 ; PT LT 12 REGISTRAR'S COMPILED PLAN 1003 ,	MISSISSAUGA	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				PART 1, 2 & 3, 43R6678 ; S/T 162364VS MISSISSAUGA			
WTFN3002	133990283			PT LT 21 REGISTRAR'S COMPILED PLAN 1003 , PART 7, 10 AND 13 , 43R16628 ; S/T RO515252,RO567589,TT4190 4,TT55917 MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN3003	133990436			PART LOT 21 REGISTRAR'S COMPILED PLAN 1003, PARTS 10 & 11, 43R19051 & AS IN 153219VS LYING BTN E LIMIT OF PARTS 7, 10 & 13, 43R16628 AND W LIMIT OF PARTS 1, 2 AND 3, EXPROP PLAN 527906, S/T 153219VS,(PARTIALLY RELEASED BY PR2219286 AND PR2306871); S/T RO1028935, RO567588, RO567589 SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 18 & 22, PL 43R35396 AS IN PR2454457 SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 1, 2, 3, 4, 6, 7, 9, 10, 14, 15, 23, 28, 29, 32, 33, 34 & 35, PL 43R35396 AND OVER PARTS 30, 34, 49, 50, 51 & 56, PL 43R35395 AS IN PR2461822 SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 1 AND 3, PLAN 43R35395 AS IN PR2461823 SUBJECT TO AN EASEMENT IN GROSS OVER PART 1, PLAN 43R36356 AS IN PR2743612 SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 1- 18, PLAN 43R36444 AS IN	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				PR3083724 SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 4 & 5, PLAN 43R37389 AS IN PR3103212 CITY OF MISSISSAUGA			
WTFN3004	133990448			PT LT 21 REGISTRAR'S COMPILED PLAN 1003 , PARTS 1, 2 AND 3 EXPROP PL 527906 ; MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	MTO
WTFN3027	133850001			PT KING'S HWY #403, LYING BTN THE W LIMIT OF ERIN MILLS PKWY AND MISSISSAUGA RD, BEING ; PT LT 13 REGISTRAR'S COMPILED PLAN 1003, (AKA ERIN MILLS PKWY, FORMERLY REGIONAL RD 18) & PT RDAL BTN RANGES 4 & 5 NORTH OF DUNDAS ST TORONTO TWP (AKA MCCONNELL RD - NOT TRAVELLED, CLOSED BY BYLAW RO465622), BEING PT OF PT 1, RO522072 ; PT LTS 19 & 20 REGISTRAR'S COMPILED PLAN 1003 , PT RDAL BTN CON 2 NORTH OF DUNDAS ST TORONTO TWP & RANGES 4 & 5 NORTH OF DUNDAS ST TORONTO TWP (FORMERLY FIFTH LINE CLOSED BY BYLAW 337434VS), PTS 4, 5 & 6, EXPROP PL 527906 ; PT LT 28 REGISTRAR'S COMPILED PLAN 1003 , PART 1, 2 & 3 , 43R3430 , PT RDAL BTN CON 2 NORTH OF DUNDAS ST TORONTO TWP & RANGES 4 & 5 NORTH OF DUNDAS ST TORONTO TWP	MISSISSAUGA	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				(FORMERLY FIFTH LINE CLOSED BY BYLAW 337434VS), PT 4, 43R3430 ; PT LT 29 REGISTRAR'S COMPILED PLAN 1003 , PART 5, 6 & 7 , 43R3430 , EXCEPT PTS 1, 2 & 3, 43R12115 ; PT LT 30 REGISTRAR'S COMPILED PLAN 1003 , PT 16 & 17, EXPROP PL 527899 ; PT LT 31 REGISTRAR'S COMPILED PLAN 1003 , PART 1 , RD270 , EXCEPT PT 13, 43R12115 ; PT LT 32 REGISTRAR'S COMPILED PLAN 1003 , PART 8 - 37 , 43R3430 , EXCEPT PTS 4 - 12, 15 - 17, 43R12115 ; S/T 371576VS ; S/T 146945VS,162364VS,246297 VS,361575VS,RO553184,RO5 99229,R O599230,TT41614,TT62125,T T65149,TT67463,TT76313,TT 78076 MISSISSAUGA			
WTFN3029	133850011			PCL 14-2, SEC 43-1003 , SECONDLY ; PT RDAL BTN CON 2 NORTH OF DUNDAS ST & RANGE 5, NORTH OF DUNDAS ST TORONTO TWP (STOPPED UP & CLOSED BY 337434VS) ; PT LTS 14 & 15 REGISTRAR'S COMPILED PLAN 1003 , PART 1, 2, 3, 4 & 5 , 43R6737 , EXCEPT PT OF PT 5, 43R6737 LYING IMMEDIATELY W OF MISSISSAUGA RD; S/T ROW IN FAVOUR OF THE CADILLAC FAIRVIEW	MISSISSAUGA	Refer to table 3-1	MGCS

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				CORPORATION LIMITED, IT SUCCESSORS AND ASSIGNS ON, IN, ACROSS, UNDER AND THROUGH PTS 2 & 4, 43R6737 AS IN LT216607 ; S/T LT275143 MISSISSAUGA			
WTFN3030	133850409			LT 19 REGISTRAR'S COMPILED PLAN 1003 , EXCEPT EXPROP PLANS RO527906 & RO527899 ; PT RDAL BTN LT 31, CON 2 NORTH OF DUNDAS ST TORONTO TWP & LT 1, RANGE 5 NDSTT, PART 2, 43R470 EXCEPT EXPROP PL RO527906; S/T 153219VS ; S/T 361575VS,RO1028935,RO515 252,RO567587,TT41382,TT42 106,TT 56437,TT59410,TT62125 MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN3032	133850415			PT RDAL BTN RANGES 4 AND 5 NORTH OF DUNDAS ST TORONTO TWP , CLOSED BY BYLAW RO465622 EXCEPT RO889846 ; S/T RO1001407,RO547304 MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Municipal (Surplus Lands)
WTFN3034	133850416			LT 30 REGISTRAR'S COMPILED PLAN 1003 , EXCEPT EXPROP PL RO527899; S/T 491VS ; S/T 361575VS,RO1028935,RO567 587,RO668260,TT109330 MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN3036	133830558			PT LT 19 REGISTRAR'S COMPILED PLAN 1003 ,	MISSISSAUGA	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				PART 18 , 43R6439 ; MISSISSAUG			
WTFN3037	133830560			PT RDAL BTN RANGES 4 & 5 NDSTT, ALSO KNOWN AS MCCONNELL RD (NOT TRAVELLED) BTN PTS 1 & 18, EXPROP PL RO527899 AND MISSISSAUGA RD, BEING PT 17, 43R6439 ; MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Municipal (Surplus Lands)
WTFN3038	133830003			PT LT 30 REGISTRAR'S COMPILED PLAN 1003 , PART 12, 13, 14, 15 & 16 , 43R6439 ; S/T 146945VS,361575VS,RO5152 52,RO571813 MISSISSAUG	MISSISSAUGA	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN3060	133830004			MISSISSAUGA RD BTN EGLINTON AV (S OF A LINE JOINING THE PRODUCTION ELY OF THE NW LIMIT OF BLK 72, PL 43M600 TO THE SLY ANGLE OF 43R16785) AND THE PRODUCTION SOUTHEASTERLY OF THE N LIMIT OF LT 3, PL 43M1038, BEING PT OF MISSISSAUGA RD (FORMERLY STREETSVILLE RD - ROAD BY JUSTICES IN SESSION MAY 3 1836) ; PT LT 3, RANGE 5 NORTH OF DUNDAS ST TORONTO TWP , PART 2 & 4 , 43R17019 , PT LT 3, RANGE 5 NORTH OF DUNDAS ST TORONTO TWP , PART 1 , 43R19685 , PT LT 3, RANGE 5 NORTH OF DUNDAS ST TORONTO TWP , PART 1 , 43R6759 ; PT 10 FT WID, PL 498 ; S/T 361575VS MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN3061	133830009			PT LTS 3 & 4, RANGE 5 NORTH OF DUNDAS ST TORONTO TWP , PART 1, 2, 4, 5, 6 & 7 , 43R3736 , EXCEPT PT 20, 43R6439 ; S/T 206344VS MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Surplus Lands)
WTFN3062	133830559			PT LT 3, RANGE 5 NORTH OF DUNDAS ST TORONTO TWP , PART 20 , 43R6439 , PT 1, EXPROP PL RO527898 & PT 19, EXPROP PL RO527899 ; S/T THE INTEREST IN RO1024915, IF ANY ; S/T TT87036 MISSISSAUG	MISSISSAUGA	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN3063	133830008			PT LT 3, RANGE 5 NORTH OF DUNDAS ST TORONTO TWP , AS IN 159307VS EXCEPT PT 1, EXPROP PL RO527898, EXCEPT PTS 19 & 20, EXPROP PL RO527899 ; PT LT 3, RANGE 5 NORTH OF DUNDAS ST TORONTO TWP , PT 20, EXPROP PL RO527899 ; S/T TT87036 MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Hydro One/Infras-structure Ontario
WTFN3064	133830007			PT RDAL BTN RANGES 4 & 5 NORTH OF DUNDAS ST TORONTO TWP , ALSO KNOWN AS MCCONNELL RD (NOT TRAVELLED) BTN MISSISSAUGA RD AND THE CANADIAN PACIFIC RAILWAY ; S/T 361575VS MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Municipal (Surplus Lands)
WTFN3065	133830006			PT LT 3, RANGE 4 NORTH OF DUNDAS ST TORONTO TWP , PT 15, EXPROP PL RO527899 ; PT LTS 3 & 4, RANGE 4 NORTH OF DUNDAS ST TORONTO TWP , AS IN TT41556, EXCEPT EXPROP PLANS TT143903 & RO527899 ; PT LTS 4, 5 & 6, RANGE 4 NORTH OF DUNDAS ST TORONTO TWP , AS IN TT42578 ; PT LT 5, RANGE 4 NORTH OF DUNDAS ST TORONTO TWP , AS IN TT162394 ; S/T TT42578 & TT162395 ; S/T 146945VS,233873VS,361575VS,RO472792,RO515252,RO571813,R O668260,RO715970,TT10331	MISSISSAUGA	Refer to table 3-1	Hydro One/Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				6,TT105634,TT109330,TT427 51,TT5 8994,TT78237,TT93742 MISSISSAUGA ; S/T EASE IN FAVOUR OF ENBRIDGE PIPELINES INC. OVER PT LT 3, RG 4 NDS, PT 1, 43R- 23871, AS IN LT2018636 ;			
WTFN3067	133830005			THE KING'S HWY 403 BTN MISSISSAUGA RD AND THE CANADIAN PACIFIC RAILWAY, BEING ; PT LT 3, RANGE 4 NORTH OF DUNDAS ST TORONTO TWP , PART 26 TO 34 , 43R6439 ; PT LTS 3 & 4, RANGE 4 NORTH OF DUNDAS ST TORONTO TWP , PART 1 , 43R2975 , PT LTS 3 & 4, RANGE 4 NORTH OF DUNDAS ST TORONTO TWP , PART 6 , 43R6439 , PT 1, 43R2973 EXCEPT PT 14, 43R12115; PT 1, EXPROP PL RO532892 ; PT LT 4, RANGE 4 NORTH OF DUNDAS ST TORONTO TWP , PT 2, EXPROP PL RO532892 ; PT LT 5, RANGE 4 NORTH OF DUNDAS ST TORONTO TWP , PTS 2 & 5, EXPROP PL RO511925 ; PT LTS 4 & 5, RANGE 4 NORTH OF DUNDAS ST TORONTO TWP , PT 3, EXPROP PL RO532892 ; PT LT 6, RANGE 4 NORTH OF DUNDAS ST TORONTO TWP , PT 2, EXPROP PL RO511832 ; S/T 155886VSZ & 155888VSZ ; S/T	MISSISSAUGA	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN3070	133760300			146945VS,180616VS,255786 VS,361575VS,RO571813,TT1 05634 MISSISSAUGA			
WTFN3070	133760300			PT LT 6, RANGE 4 NORTH OF DUNDAS ST TORONTO TWP , AS IN TT114233, TT160561, AND RO648797, EXCEPT LANDS IN TT3488 & PARTS 2 & 3, 43R14304 ; T/W RO837215 & RO919204 ; S/T 146945VS,361575VS,RO1028 935,RO515252,TT107895,TT1 09330, TT69706,TT93742 MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN3071	133760406			PT ORIG RDAL BTN RANGES 4 AND 5 NORTH OF DUNDAS ST TORONTO TWP , (AKA MCCONNELL RD), CLOSED BY BYLAW RO874782, PTS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, AND 15, 43R16766, AND PT 1, 43R18648 ; S/T RO509335,RO919204,TT1539 90 MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Municipal (Surplus Lands)
WTFN3072	133760407			PT LT 6, RANGE 5 NORTH OF DUNDAS ST TORONTO TWP , AS IN TT162394, RO648797, AND EXPROP PL 296258VS, LYING W OF CREDIT VIEW RD, EXCEPT PT 4, 43R14304 ; S/T RO472792,RO942221,TT5899 4,TT69913 MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN3096	133710005			PT OF CREDITVIEW RD LYING BTN IVORYROSE ST AND MCCONNELL RD AND BEING ; PT LTS 6 & 7, RANGE 5 NORTH OF DUNDAS ST TORONTO	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				TWP , PART OF PT 7 , 43R6349 , PT LTS 6 & 7, RANGE 5 NORTH OF DUNDAS ST TORONTO TWP , PART 1 TO 6 , 43R7170 ; S/T TT108355,TT42752,TT58283 CITY OF MISSISSAUGA			
WTFN3098	133710568			PT LT 7, RANGE 5 NORTH OF DUNDAS ST TORONTO TWP ; PT LT 8, RANGE 5 NORTH OF DUNDAS ST TORONTO TWP , AS IN TT162394, TT153539 AND PT 6 ON EXPROP PL 296258VS EXCEPT PTS 1 & 2 ON EXPORP PL RO511934, PTS 1-6 43R7170 AND PT 1 43R8568 S/T 153539 ; S/T 146945VS,360123VS,RO1028 935,RO472792,RO515252,TT 108355, TT41396,TT42752,TT55922,T T58283,TT67989,TT69913,TT 76318 MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN3099	133710567			MCCONNELL RD LYING BTN CREDITVIEW RD AND RD CLOSING PL RO558642 AND BEING ; PT ORIGINAL RDAL BTN RANGES 4 & 5 NORTH OF DUNDAS ST TORONTO TWP ; S/T RO509335,TT153990 MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN3103	133710592			PT LTS 7 & 8, RANGE 5 NORTH OF DUNDAS ST TORONTO TWP , PART 1 , 43R8568 ; S/T 360123VS MISSISSAUG	MISSISSAUGA	Refer to table 3-1	MGCS

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN3139	133710001			HWY 403 LYING BTN W LIMIT OF CREDITVIEW RD AND MAVIS RD AND BEING ; PT LT 6, 7 & 8, RANGE 4 NORTH OF DUNDAS ST TORONTO TWP ; PT LT 6, 7 & 8, RANGE 5 NORTH OF DUNDAS ST TORONTO TWP ; PT LT 21, 22 & 23, CON 2 NORTH OF DUNDAS ST TORONTO TWP ; LT 1, PL B22 , EXCEPT PT 1, 43R20911 ; PT OF RDAL BTN CON 2, NORTH OF DUNDAS ST TORONTO TWP AND RANGES 4 & 5 NORTH OF DUNDAS ST TORONTO TWP ; PT MCCONNELL RD BEING PT OF RDAL BTN RANGES 4 & 5 NORTH OF DUNDAS ST TORONTO TWP , AS CLOSED BY RD CLOSING PL RO558642 ; PT OF RATHKEALE RD (AKA CREDITVIEW RD, ESTABLISHED BY UNREGISTERED BYLAW #5217 AND ALSO KNOWN AS THIRD LINE WEST, BY THE JUSTICES IN SESSION CONFIRMED MAY 3, 1836) BEING PT OF LT 8 RANGE 5 NORTH OF DUNDAS ST AND PT OF LT 23 CON 2 NDS, BEING PT OF A FORCED RD, ALL AS IN RO889846 AND RO522072 EXCEPT PT 1 43R20911 S/T TT152355 ; S/T 360123VS,361575VS,RO4727 92,RO515252,TT41307,TT559	MISSISSAUGA	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				19,TT6 5148,TT76319 CITY OF MISSISSAUGA			
WTFN3140	133710570			RATHKEALE RD (AKA CREDITVIEW RD ESTABLISHED BY UNREGISTERED BYLAW #5217 AND ALSO KNOWN AS THIRD LINE W, BY THE JUSTICES IN SESSION CONFIRMED MAY 3, 1836) LYING BTN VIOLET RD AND HWY 403 AND BEING ; PT LT 8, RANGE 5 NORTH OF DUNDAS ST , BEING PT OF A FORCED RD ; MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN3145	133710984			PT LT 8, RANGE 5 NDS TOR TWP; PT RDAL BTN LT 8 RANGE 5 NDS TOR TWP ANDLT 23 CON 2 NDS TOR TWP DES AS PTS 39, 40, 41, 42, 43, 44, 45, 48, 49,52, 55, PL 43R28863; MISSISSAUGA; T/W TT153539; S/T TT41396, TT55922	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN3146	133710983			PT LT 8, RANGE 5 NDS TOR TWP; PT RDAL BTN LT 8 RANGE 5 NDS TOR TWP ANDLT 23 CON 2 NDS TOR TWP DES AS PTS 46, 47, 51, 53, 56, 58, PL 43R28863MISSISSAUGA; T/W TT153539; S/T EASE IN FAVOUR OF THE CONSUMERS GAS COMPANY LTD OVER PT LT 8, RANGE 5 NDS TOR TWP DES AS PT 58, PL 43R28863	MISSISSAUGA	Refer to table 3-1	Hydro One

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				AS IN RO1028935; S/T TT41396, TT55922			
WTFN3147	133710985			PT LT 8, RANGE 5 NDS TOR TWP; PT RDAL BTN LT 8 RANGE 5 NDS TOR TWP ANDLT 23 CON 2 NDS TOR TWP DES AS PTS 50, 54, 57, 59, PL 43R28863; MISSISSAUGA; T/W TT153539; S/T EASE IN FAVOUR OF THE CONSUMERS GAS COMPANY LTD. OVER PT LT 8, RANGE 5 NDS TOR TWP; PT RDAL BTN LT 8 RANGE 5 NDS TOR TWP AND LT 23 CON 2 NDS TOR TWP DES AS PT 59, PL 43R28863 AS IN RO1028935; S/T 41396, TT55922	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN3148	133710002			PT LT 23, CON 2 NORTH OF DUNDAS ST TORONTO TWP , PT LT 22, CON 2 NORTH OF DUNDAS ST TORONTO TWP , PART 1 & 2 , 43R6867 ; PT LT 21, CON 2 NORTH OF DUNDAS ST TORONTO TWP , BEING PT 3 ON EXPROP PL RO511862 ; PT LT 8, RANGE 5 NORTH OF DUNDAS ST TORONTO TWP , AND PT OF RDAL BTN RANGES 4 & 5 AND LT 23 CON 2 NDSTT, BEING PTS 2 & 3 ON PL 43R8568 ; S/T 360123VS,RO1055102,RO667 584 MISSISSAUGA. S/T AN EASEMENT IN FAVOUR OF ENBRIDGE GAS DISTRIBUTION INC. OVER	MISSISSAUGA	Refer to table 3-1	MGCS

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				PT OF LOT 21, CON 2NDS, TOR TWP SHOWN AS PT 1 ON 43R27871; AS IN PR612490. CITY OF MISSISSAUGA			
WTFN3149	133710989			PT LTS 22, 23, CON 2 NDS (TOR TWP) PTS 1, 2, 3, PL 43R623; PT LT 21, CON 2 NDS (TOR TWP) AS IN TT152355 EXCEPT 242239VS, EXPROP. PL RO511862, 527909, RO511939 AND PT 1, PL 43R1700, PTS 4, 5, 7, 8, 9, 10, 11, 12, 13, PL 43R28863; S/T EASE IN FAVOUR OF THE CORPORATION OF THE CITY OF MISSISSAUGA OVER PT LT 23, CON 2 NDS (TOR TWP) DES AS PTS 2, 3, PL 43R28863 AS IN RO931719; S/T EASE IN FAVOUR OF THE CONSUMERS GAS COMPANY LTD. OVER PT LTS 21, 22, 23, CON 2 NDS (TOR TWP) DES AS PT 25, PL 43R28863 AS IN RO1028935; S/T TT41307, TT41308, TT55918, TT55919	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN3150	133710988			PT LT 23, CON 2 NDS (TOR TWP) DES AS PTS 4, 5, 7, 8, 9, 10, 11, 12, 13, PL 43R28863; MISSISSAUGA; S/T EASE IN FAVOUR OF THE CORPORATION OF THE CITY OF MISSISSAUGA OVER PT LT 23, CON 2 NDS (TOR TWP) DES AS PT 4, PL 43R28863 AS IN RO931719;	MISSISSAUGA	Refer to table 3-1	Hydro One

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				S/T TT41307, 41308, TT55918, TT55919			
WTFN3210	131380013			PT MAVIS RD (FORMERLY FIRST WEST AV) (AKA GOVERNMENT SIDE RDAL) BEING ; RDAL BTN LTS 20 AND 21, CON 2 NORTH OF DUNDAS ST TORONTO TWP , BTN A LINE DRAWN PRODUCED SOUTHWESTERLY FROM THE S ANGLE OF PT 1, 43R6368 AND A LINE LINE PRODUCED SOUTHWESTERLY FROM THE W ANGLE OF PT 17, 43R6368 ; PT LT 20, CON 2 NORTH OF DUNDAS ST TORONTO TWP , AS IN 156279VS EXCEPT 335348VS; S/T 151893VS ; S/T 360123VS,509335VS,TT4130 6,TT55920,TT67990,TT69706, TT763 20 MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN3211	131380040			PT HIGHWAY 403 BTN MAVIS RD & HURONTARIO ST. BEING; PT LT 20 CON 2 NDSTOR TWP, BEING PTS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 PL 40511927,PT LT 20 CON 2NDS TOR TWP, BEING PT 3 PL RO511846, EXCEPT VS15279, PT LT 19 CON 2 NDS TOR TWP PT 38 43R6363, PT LT 18 CON 2 NDS TOR TWP, PT 4 PL RO511846, PT LT 17 CON 2 NDS TOR TWP, PTS 1,2 PL RO538656, PT LT 16 CON 2NDS TO TWP BEINGS PTS	MISSISSAUGA	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				5, 6,7,8,9 ON RO538660, PT LT 16 CON 2 NDS TOR TW PTS 3, 4, 5 & 6 PL RO538656 PT LT 16 CON 2 NDS TOR T WP PTS 6,7,8, 9,, 10, 11, 12 RD129, EXCEPT PTS 1, 2, 4, 6,7,8,9 43R13615, PTS 5,4,1 43R11581, EXCEPT PTS 1, 2 43R13122, PTS 1,2, 3, 4 43R12018, EXCEPT PT 3, 12 43R21439 MISSISSAUGA S/T RO515252, RO571813, RO668260, S/T VS360123, RO472792, RO717017, RO723943, TT41261, TT41306, TT55291, TT55920, TT67990, TT69706, TT76320, TT93742			
WTFN3212	131380049			PT LT 20, CON 2 NDS, TORONTO TWP, DES PT 1 PL 43R10547, PT LT 19, CON 2NDS DES PT 1 PL 43R6721 LYING WEST OT PTS 3,4 & 5 PL 43R31854; SUBJECT TO AN EASEMENT AS IN RO1055102 SUBJECT TO AN EASEMENT AS IN RO758580 SUBJECT TO AN EASEMENT AS IN RO818226 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 10, 11, 12 PL 43R30154 AS IN PR1020738 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	MGCS
WTFN3213	131380045			PT LT 19, CON 2 NDS (TOR TWP) AS IN 138830VS; PT LTS 18 & 20, CON 2 NDS (TOR TWP) AS IN 151893VS EXCEPT THE EASEMENT THEREIN, EXCEPT 156279VS, RO511927, PTS 6,	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-tructure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				7, 8, 9, 10, 11, 12, 13, 14, PL 43R31854; (ALL LYING WEST OF PTS 6, 7, 8, 9, 10, 11, 12, 13, 14, PL 43R31854); MISSISSAUGA; S/T TT76320 ASSIGNED BY TT103316 PARTIALLY RELEASED BY TT119018; S/T TT77533 ASSIGNED BY TT103316 PARTIALLY RELEASED BY TT119019; S/T 151893VS; S/T 360123VS, RO472792, RO798889, RO807926, TT41305, TT41306, TT41354, TT55920, TT55921, TT56112, TT67464, TT67990; S/T EASEMENT OVER PTS 1, 2, 3, 4, 5, 6, 7, 8, 9, PL 43R30154 AS IN PR1018515			
WTFN3283	131380044			PT LTS 18, 19, CON 2 NDS (TOR TWP) DES AS PTS 6, 7, 8, 9, 10, 11, 12, 13, 14, PL 43R31854; MISSISSAUGA; S/T TT76315 ASSIGNED BY TT103316 PARTIALLY RELEASED BY TT118965; S/T TT77533 ASSIGNED BY TT103316 PARTIALLY RELEASED BY TT119019; S/T 151893VS; S/T360123VS, RO472792, RO515252; TT65147, TT67464	MISSISSAUGA	Refer to table 3-1	MTO
WTFN3285	131380046			PT LT 19, CON 2 NDS (TOR TWP) AS IN 138830VS; PT LTS 18 & 20, CON 2 NDS (TOR TWP) AS IN 151893VS EXCEPT THE EASEMENT THEREIN, EXCEPT 156279VS, RO511927, PTS 6, 7, 8, 9, 10, 11, 12, 13, 14, PL 43R31854; (ALL LYING EAST	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				OF PTS 6, 7, 8, 9, 10, 11, 12, 13, 14, PL 43R31854); MISSISSAU GA; S/T TT76315 ASSIGNED BY TT103316 PARTIALLY RELEASED BY TT118965; S /T 151893VS; RO472792, RO739783, TT65147, TT67464			
WTFN3319	131380009			PCL BLOCK 279-1, SEC 43M573 ; BLK 279, PL 43M573 , S/T TT76314 ASSIGNED BY TT103316 AND AMENDED BY TT119020 ; S/T 146945VS,374315VS,TT4130 4,TT57259,TT66469 ; S/T, IF ENFORCEABLE, EXECUTION NOS 16237/91 & 54827/94 ; CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Surplus Lands)
WTFN3350	131380007			PT LT 16, CON 2 NORTH OF DUNDAS ST TORONTO TWP , AS IN TT55291 EXCEPT 43M573 & EXPROP PL RO538660 ; S/T TT55291 ; S/T 146945VS,RO1028935,RO515 252,RO668260,RO710918,RO 723186, TT109330,TT41261,TT69706, TT93742 MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN3367	131770203			PT HWY 403, LYING E OF PTS 1, 2, 3, 4 & 5, 43R6709, PT 10, 43R424 AND PTS 6, 9 & 12, RD129 AND ; BEING ; PT LT 13, 14, 15 & 16, CON 2 NORTH OF DUNDAS ST TORONTO TWP , PT ORIG RDAL BTN LTS 15 & 16, CON 2 NORTH OF DUNDAS ST	MISSISSAUGA	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				TORONTO TWP , AS IN 335349VS (PARTS 1, 2, 3 & 4 43R37713 CLOSED BY PR3264376); S/T TT48425; S/T RO515252; S/T RO668260 ; S/T 146945VS, TT32435, TT69706 CITY OF MISSISSAUGA			
WTFN3368	131770210			PT LT 13, CON 2 NORTH OF DUNDAS ST TORONTO TWP , PART OF PART 2, 43R2735, LYING W OF CENTRAL PARKWAY E ; S/T 360123VS,RO1055102,TT324 35 MISSISSAUG	MISSISSAUGA	Refer to table 3-1	MGCS
WTFN3369	131770032			PT LTS 13, 14 & 15, CON 2 NORTH OF DUNDAS ST TORONTO TWP , AS IN TT55651, TT54875, TT54645, EXCEPT TT84065, RO538665, RO538622, PT 1, S/T TT54875, S/T TT55651, S/T58448 ; S/T RO1028935,RO1010869,RO51 5252,RO668260 MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN3430	131800305			PT LT 13, CON 2 NORTH OF DUNDAS ST TORONTO TWP , PART 1-7 , 43R11970 , BEING PT OF CENTRAL PARKWAY E., S/T RO515252 ; S/T RO668260 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN3431	131800293			PT LT 11, CON 2 NORTH OF DUNDAS ST TORONTO TWP , PART 3,4, AND 5 , 43R8712 , AND TT55369, S/T TT55369, EXCEPT TT188457, RO539141 ; PT LTS 12 & 13, CON 2 NORTH OF DUNDAS	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-tructure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				ST TORONTO TWP , AS IN TT55200, TT55651, EXCEPT RO842030 AND PTS 2-7, 43R11970, S/T TT55200, S/T180693, S/T TT55651 ; S/T RO1028935,RO668260,RO70 8804,TT32433 MISSISSAUGA			
WTFN3432	131800297			PT LT 13, CON 2 NORTH OF DUNDAS ST TORONTO TWP , PART OF PART 2, 43R2735 LYING E OF CENTRAL PARKWAY E ; S/T 360123VS,RO1055102,RO712 335 MISSISSAUGA. S/T EASEMENT IN FAVOUR OF THE CONSUMER'S GAS COMPANY LTD. OVER THAT PT OF LT 13, CON 2 NDS DES AS P TS 1 & 2, 43R23233, AS IN LT1937721.	MISSISSAUGA	Refer to table 3-1	MGCS
WTFN3462	131800294			PCL 12-5, SEC 43-TOR. TWP.-2(N.D.S.) ; PT LT 12, CON 2 NORTH OF DUNDAS ST TORONTO TWP , PART 1 AND 2 , 43R7832 , T/W PT.3, 43R1748 AS IN TT55200 ; S/T LT1383028 MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN3463	131800306			PT HWY 403 LYING W OF CAWTHRA RD AND E OF PT 1 PL 43R2735 ; PT LT 11 & 12, CON 2 NORTH OF DUNDAS ST TORONTO TWP, AS IN 335349VS; *EXCEPT PTS 5 & 6, 43R12097*, TT41303; S/T TT41397; S/T TT163498; S/T TT180693; S/T ROW AS IN TT55369 ; S/T 360123VS,TT32433 * ENTERED 96/08/19 - K.	MISSISSAUGA	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				BARBISON CITY OF MISSISSAUGA			
WTFN3468	133710572			PT LT 23, CON 2 NORTH OF DUNDAS ST TORONTO TWP , AS IN 242239VS S/T TT77532 ASSIGNED BY TT103316 ; S/T 146945VS,360123VS,RO1001 407,RO472792,RO515252,TT 41308,T T55918,TT66468 MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Surplus Lands)
WTFN3469	133850078			PCL STREETS AND STREET WIDENING-1, SEC 43M547 ; WINDSOR WAY, PL 43M547 ; T/W PTS 4 & 5, 43R6042, AS IN 153219VS ; MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN3470	133840367			PCL STREETS AND STREET WIDENING-1, SEC 43M547 ; THE CHASE, PL 43M547 , T/W PT LT 19, REGISTRAR'S COMPILED PLAN 1003, PTS 4 & 5, 43R6042 AS IN 153219VS ; PCL STREETS-1, SEC 43M549 ; THE CHASE, PL 43M549 , T/W PT LT 19, REGISTRAR'S COMPILED PLAN 1003, PTS 4 & 5, 43R6042 AS IN 153219VS ; PCL STREETS-1, SEC 43M550 ; THE CHASE, PL 43M550 , T/W PT LT 19, REGISTRAR'S COMPILED PLAN 1003, PTS 4 & 5, 43R6042 AS IN 153219VS ; PCL STREETS-1, SEC 43M551 ; THE CHASE, PL 43M551 , T/W PT LT 19, REGISTRAR'S COMPILED PLAN 1003, PT 4 & 5, 43R6042 AS IN 153219VS ;	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				PCL 0.30 RESERVES-1, SEC 43M551 ; PT BLK 93, PL 43M551 , PART 6, 43R13701, BEING 0.30 RESERVE; T/W PT LT 19, REGISTRAR'S COMPILED PLAN 1003, PART 4 & 5, 43R6042 AS IN 153219VS ; PT BLK 92, PL 43M551 , PART 5 , 43R14403 ; MISSISSAUGA			
WTFN3471	133830426			PCL STREETS-1, SEC 43M654 , CREDIT POINTE DR, PL 43M654 ; PCL STREETS-1, SEC 43M655 , CREDIT POINTE DR, PL 43M655 ; PCL STREETS-1, SEC 43M656 , CREDIT POINTE DR, PL 43M656 ; PCL STREETS-1, SEC 43M657 , CREDIT POINTE DR, PL 43M657 ; T/W THE BENEFIT DESCRIBED IN RO488256 WITH RESPECT TO PROPOSED SEWER EASEMENT ; MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN3472	133830478			PCL STREETS-1, SEC 43M654 ; INVERNESS BOULEVARD, PL 43M654 , T/W THE BENEFIT DESCRIBED IN RO488256 WITH RESPECT TO PROPOSED SEWER EASEMENT ; MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN3473	131950078			PCL PLAN-2, SEC 43M654 ; BLK 122, PL 43M654 , T/W THE BENEFIT DESCRIBED IN AGREEMENT RO488256 WITH RESPECT TO PROPOSED SEWER EASEMENT ; MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN3474	133840017			PCL STREETS AND STREET WIDENING-1, SEC 43M548 ; CREDIT VALLEY RD, PL 43M548 , T/W PT LT 19, REGISTRAR'S COMPILED PLAN 1003, PTS 4 & 5, 43R6042 AS IN 153219VS ; PCL STREETS AND STREET WIDENING-1, SEC 43M547 ; CREDIT VALLEY RD, PL 43M547 , T/W PT LT 19, REGISTRAR'S COMPILED PLAN 1003, PTS 4 & 5, 43R6042 AS IN 153219VS ; MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN3475	133840002			PT OF ERIN MILLS PKWY LYING BTN EGLINTON AV AND CREDIT VALLEY RD BEING ; PT LT 13 REGISTRAR'S COMPILED PLAN 1003 , AS IN 309896VS (FIRSTLY) EXCEPT 522072VS ; S/T 162364VS,361575VS MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN3526	133830104			PCL RESERVE-1, SEC 43M657 ; BLK 134, PL 43M657 , T/W THE BENEFIT DESCRIBED IN RO488256 WITH RESPECT TO PROPOSED SEWER EASEMENT ; MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN3550	133720150			PT RATHKEALE RD ( FORMERLY CREDITVIEW RD AND THIRD LINE WEST) LYING BTN EDENROSE ST AND VIOLET RD BEING ; FIRSTLY ; PT LT 7, RANGE 5NDS , AS IN 100871VS ; SECONDLY ; PTS OF LTS 7	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				& 8 RANGE 5NDS BEING PT OF A FORCED RD ; MISSISSAUG			
WTFN3687	133850010			PCL 0.30 RESERVE-1, SEC 43M547 ; BLK 148, PL 43M547 , BEING 0.30 RESERVE; T/W PT LT 19, PL 1003, PTS 4 & 5, 43R6042 AS IN 153219VS ; MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN3688	133850026			PCL STREETS AND STREET WIDENING-1, SEC 43M547 ; HAYDOCK PARK DR, PL 43M547 ; T/W PT LT 19, REGISTRAR'S COMPILED PLAN 1003, PTS 4 & 5, 43R6042, AS IN 153219VS ; S/T 162364VS,LT266014 MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN3689	133830105			PCL STREETS-1, SEC 43M657 ; WELLSBOROUGH PLACE, PL 43M657 , T/W THE BENEFIT DESCRIBED IN RO488256 WITH RESPECT TO PROPOSED SEWER EASEMENT ; MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN4000	133110744			PT RDAL BTN LTS 10 & 11 NDS TORONTO; PT LT 10 CON 2 NDS TORONTO PT1, 43R8944; PTS 3, 5 & 7, 43R398; PTS 1 TO 7, 43R11908; PTS 2 & 3, RD110 EXCEPT PTS 2 & 3 43R7009; BEING HWY 403 BTN EGLINTON AV E & UNITS 1 TO 3, PL D-7 & LYING E OF CAWTHRA RD; S/T VS146945 ; S/T BL387,RO515252,TT34100,TT	MISSISSAUGA	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				41302,VS22229,VS33115,VS4 2084 CITY OF MISSISSAUGA			
WTFN4001	133110861			PT LT 9 CON 2 NDS TORONTO; PT LT 10 CON 2 NDS TORONTO AS IN VS133845, TT55293, TT55086, PT 11 PL 43R-8712, EXCEPT RO463863, 43R- 11908, 43R-17401; SAVE AND EXCEPT PTS 1 TO 9 PL 43R-28976 & PTS 8 - 13 INCLUSIVE PL 43R33931 SUBJECT TO AN EASEMENT AS IN RR55293 SUBJECT TO AN EASEMENT AS IN TT55086 SUBJECT TO AN EASEMENT AS IN VS133845 SUBJECT TO AN EASEMENT AS IN RO1028935 SUBJECT TO AN EASEMENT AS IN RO668260 SUBJECT TO AN EASEMENT AS IN TT32432 SUBJECT TO AN EASEMENT AS IN TT34100 SUBJECT TO AN EASEMENT AS IN VS183776 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN4002	133110866			PT LT 9 CON 2 NDS TORONTO ; PT LT 10 CON 2 NDS TORONTO ; S/T TT32432, TT34100, TT41302, TT73399 SUBJECT TO AN EASEMENT AS IN PR2268313 SUBJECT TO AN EASEMENT IN GROSS OVER PART 1 , PLAN 43R-36998 AS IN PR3080629 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	MGCS
WTFN4003	133110014			PCL 9-12, SEC 43-TOR.TWP.- 2 (N.D.S.); PT LT 9, CON 2	MISSISSAUGA	Temporary Agreement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN4004	133110863			NDSTT, PT 1, 43R18561 ; MISSISSAUGA AMENDED JAN 15, 98 A.ROBLEY			
				PT LT 9 CON 2 NDS TORONTO DES PTS 1, 2, 3, 4, 5, 6, 7, 8, 9 PL 43R-28976 SAVE & EXCEPT PTS 14-18 INCLUSIVE, PL 43R33931 SUBJECT TO AN EASEMENT AS IN TT32432 SUBJECT TO AN EASEMENT AS IN TT55293 SUBJECT TO AN EASEMENT AS IN RO668260 SUBJECT TO AN EASEMENT AS IN RO1028935 TOGETHER WITH AN EASEMENT OVER PT LT 8, CONC 2NDS(TOR.TWP.) DES PTS 3 TO 7, 43R35695 AS IN PR2686511 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Hydro One
WTFN4005	133110860			PT LT 9 CON 2 NDS TORONTO; DES AS PTS 8 - 13 INCLUSIVE, PL 43R33931 SUBJECT TO AN EASEMENT AS IN RO515252 SUBJECT TO AN EASEMENT AS IN RO668260 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN4007	133040655			PT LTS 8 & 9 CON 2 TT BEING TOMKEN RD, BEING CONFIRMED BY JUSTICES IN SESSION MAY 9 1833 AS SHOWN ON 43R7544, BTN EGLINGTON AVE E & WILLOWBANK TRAIL AS IN TT89639, TT90911, TT105937, TT145727, TT159053, TT167388, TT168229, TT173264,	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				TT186575, TT187261, VS19786, VS31087, VS59023, VS69885, VS122111, VS134573, VS142027, VS243596, VS256866, (AS IN SCHEDULE B VS256867) VS395105, VS403165, VS416572 PT 19, 43R3583, VS418042, VS418314, VS420284, VS420287, RO420766, RO422586, RO429755, RO447348, RO447359, RO462941, RO467383 PT 12, 43R3583 & PT 1, 43R4518, RO497801, RO516695, RO516696, RO516698, RO516963, RO516964, RO730304 PT 1, 43R18688, RO749566, RO890768, RO953277, RO1002413, RO1002415, RO1013991, RO1086259; S/T TT32705, TT33028, TT32432, TT69706, TT135581, TT161799, VS96509, VS146945, VS256875, RO668260, RO728224, RO1028935; CITY OF MISSISSAUGA			
WTFN4008	133040012			PT LT 8 CON 2 NDS TORONTO PTS 5,6,7,8,10,11,13,15,16 & 17, 43R18517; PTS 1,2,3,4,5,6,7,8 & 9, 43R11745; PTS 4 & 5 RO968028 EXCEPT PTS 1 & 2, 43R21200; PT 1 VS43714; PTS 1 & 2 VS43713; PTS 2,3,4 & 5, 43R6143; PTS 3 & 4, 43R4518; S/T RO500528, RO969979 ; S/T RO1076258,RO467384,RO54	MISSISSAUGA	Refer to table 3-1	Municipal (Surplus Lands)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				6218,RO560930,RO636344,R O963176, VS199171,VS243594,VS4371 1,VS43712,VS43713,VS43714 , VS43715,VS43716,VS76026 SUBJECT TO AN EASEMENT AS IN TT22151 SUBJECT TO AN EASEMENT AS IN TT22152 SUBJECT TO AN EASEMENT AS IN TT55170 SUBJECT TO AN EASEMENT AS IN TT55350 SUBJECT TO AN EASEMENT OVER PTS 3 TO 7, 43R35695 IN FAVOUR OF PT LT 9, CONC 2 NDS(TOR.TWP) DES PTS 1 TO 9, 43R28976 S&E PTS 1 TO 9, 43R28976 S&E PTS 14 TO 18, 43R33931 AS IN PR2686511 SUBJECT TO AN EASEMENT IN GROSS OVER PARTS 2, 3 AND 4, 43R-6143 SAVE AND EXCEPT PART 1 ON VS43716 AS IN PR2915309 CITY OF MISSISSAUGA			
WTFN4009	133040692			PT LTS 6, 7 & 8 CON 2 NDS TOWNSHIP TORONTO AS IN TT57932 EXCEPT VS117239 & VS336350, TT55170, TT55350, TT56293, VS130415 EXCEPT RO503828, RO957341, RO968028, TT55350, VS170654 EXCEPT RO500184, RO429755, RO1086259 & 43R17401; PTS 15 - 25 INCLUSIVE PL 43R33868 AND PTS 1 - 4 INCLUSIVE PL 43R33867 SUBJECT TO AN EASEMENT AS IN TT69706 SUBJECT TO	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				AN EASEMENT AS IN TT69037 SUBJECT TO AN EASEMENT AS IN VS72838 SUBJECT TO AN EASEMENT AS IN VS199171 SUBJECT TO AN EASEMENT AS IN RO515252 SUBJECT TO AN EASEMENT AS IN RO636344 SUBJECT TO AN EASEMENT AS IN RO668260 SUBJECT TO AN EASEMENT AS IN RO728224 SUBJECT TO AN EASEMENT AS IN RO1028935 SUBJECT TO AN EASEMENT AS IN RO1040696 SUBJECT TO AN EASEMENT AS IN RO1108838 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 1 - 14 PL 43R33868 AS IN PR2169843 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 5 - 22, 24, 25, 31, 33, PL 43R33867 AS IN PR2169844 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 13-17, 23, 24, 26, 28, 51 - 54, 56 - 58, 63, 64, 95, 109 & 110 PL 43R33867 AS IN PR2169847 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 82 - 109, PL 33867 AS IN PR2169848 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 38-43, 47-54, 58, 60, 117 - 122, PL 43R33868 AS IN PR2169850 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 67, 111, 113, 115, 120, 121 & 122 PL 43R33867 AS IN PR2169851 SUBJECT TO			

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				AN EASEMENT OVER PTS 30, 31, 34, 35, 36, 37, 44, 56, 62, 68, 113, 114, PL 43R33867 IN FAVOUR OF ENBRIDGE GAS DISTRIBUTION INC. AS IN PR2284183 CITY OF MISSISSAUGA			
WTFN4010	133040690			PT LT 8, CON 2 NDS (TOR TWP) DES AS PTS 15 - 25 INCLUSIVE, PL 43R33868 SUBJECT TO AN EASEMENT AS IN RO515252 SUBJECT TO AN EASEMENT AS IN RO668260 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Surplus Lands)
WTFN4011	133040691			PT LT 7, CON 2 NDS (TOR TWP) DES AS PTS 1 - 4 INCLUSIVE, PL 43R33867 SUBJECT TO AN EASEMENT AS IN RO515252 SUBJECT TO AN EASEMENT AS IN RO1028935 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Surplus Lands)
WTFN4012	133040645			PT LTS 7 & 8 CON 2 NDS TORONTO TWP DES AS PTS 1, 2, 3, 4, 5 & 6 ON 43R25055 S/T EASEMENTS VS84270, VS199171 & RO1100483 ; MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Surplus Lands)
WTFN4013	133040069			PT LT 7 CON 2 NDS TORONTO AS IN RO1113342 ; S/T VS199171 MISSISSAUGA	MISSISSAUGA	Temporary Agreement	Private
WTFN4020	133040483			PT LT 6 CON 2 NDS TORONTO AS IN VS84585 (SCHEDULE E, FIRSTLY) TO BE ESTABLISHED AS PT OF ENCINO STREET BY BYLAW	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				#0019-2011 REG. AS PR1965121 CITY OF MISSISSAUGA			
WTFN4021	133040482			PT LT 6 CON 2 NDS TORONTO AS IN VS84585 (SCHEDULE E, SECONDLY) ; BEING ENCINO ST ; MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN4028	133030727			FIRSTLY: PT RDAL BTN LTS 5 & 6 CON 2 NDS TORONTO; PT LT 5 CON 2 NDS TORONTO; PT LT 6 CON 2 NDS TORONTO ; PT LTS 16 TO 23, PL381 AS IN TT119215; PT LT 5 CON 2 NDS TORONTO AS IN VS65186; PT LT 5 CON 2 NDS TORONTO AS IN VS284439; PT LT 5 CON 2 NDS TORONTO PTS 9 TO 13, 43R10225; PT LT 5 CON 2 NDS TORONTO PTS 4, 5, 8, 9, 12, 15, 18 & 19, 43R18406; PT LT 6 CON 2 NDS TORONTO AS IN VS137365; PT LT 6 CON 2 NDS TORONTO PTS 1 TO 4, 43R17419; PT LT 6 CON 2 NDS TORONTO PTS 2 TO 4, 43R9392; PT LT 6 CON 2 NDS TORONTO PT 3, 43R19923; PT LT 16 PL 381 TORONTO PT 2, 43R19923; PT LT 17 PL 381 TORONTO PT 2, 43R13341; PT LT 18 PL 381 TORONTO PT 2, 43R16793; PT LT 19 PL 381 TORONTO PT 1, 43R19923; 10 FOOT WIDENING PL 381 TORONTO; PT HICKORY DR PL 381 TORONTO ;	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				SECONDLY: PT LT 5 CON 2 NDS TORONTO AS IN TT122777, TT122287, TT128138, TT122161, TT123204, TT124826, TT123219, TT122134, TT122137; PT LT 5 CON 2 NDS TORONTO; PT LT 6 CON 2 NDS TORONTO AS IN VS117239; PT LT 5 CON 2 NDS TORONTO; PT LT 6 CON 2 NDS TORONTO PTS 1 & 2, 43R1338; PT LT 5 CON 2 NDS TORONTO PTS 2 & 3, 43R3459; PT LT 6 CON 2 NDS TORONTO AS IN VS85312; PT LT 6 CON 2 NDS TORONTO PT 2, 43R5309; PT LT 6 CON 2 NDS TORONTO PTS 2 & 3, 43R5591; PT LT 6 CON 2 NDS TORONTO PT 4, 43R5843; PT LT 6 CON 2 NDS TORONTO PTS 10 & 11, 43R4147; BEING DIXIE RD (FORMERLY THIRD LINE E) BTN EGLINTON AVE & RATHBURN RD E; S/T VS85312, VS409663, RO468061, RO497527 ; S/T TT32431 MISSISSAUGA			
WTFN4029	133030017			PT LT 4 CON 2 NDS TORONTO; PT LT 5 CON 2 NDS TORONTO BEING PTS 1,2,3,4,5,6,8,10,11,12,13,15,1 6,17,18,20,21, 22,23,24,25,26,27,28,29,69,71 ,74,75, 43R19857 & PT 14 43R19831;T/W RO538007, RO463710 ; S/T RO1028935, RO515252,RO620220,RO668	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				260 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 94 & 95, 43R33870 AS IN PR2464037 CITY OF MISSISSAUGA			
WTFN4030	133030015			PT LT 4 CON 2 NDS TORONTO PTS 1,2,3,4,5 43R11949 & AS IN TT55769 EXCEPT PTS 1,2,3,4,6,8,10,11 43R5665 EXCEPTS PTS 23,24,25,26,27,28,29 43R19857 & EXCEPT TT55769 LYING NLY PT22 43R19857; S/T TT55769; PT LT 5 CON 2 NDS TORONTO AS IN TT170407; PT LTS 4 & 5 CON 2 NDS AS IN TT56443 EXCEPT VS117239 & PT 43R1338; S/T TT56443 ; S/T RO1028935, RO515252, RO668260, TT41361, TT96037 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 1 - 7, 9, 65, 66, 74, 76, 77, 79, 80, 82, 83 & 99 PL 43R33870 AS IN PR2169845 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 58, 60- 65, 73, 73, 81, 83-88 & 98, PL 43R33870 AS IN PR2169849 SUBJECT TO AN EASEMENT AS IN PR2272160 SUBJECT TO AN EASEMENT IN GROSS OVER PT LT 5, CON 2NDS, DES PTS 11, 12, 13, 14, 15, 16, 17, 18 & 19, PL 43R33870 AS IN PR2272514 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN4032	133030010			PCL 4-32, SEC 43-TOR.TWP- 2(N-D-S) ; PT LTS 4 & 5 CON	MISSISSAUGA	Temporary Agreement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				2 NDSTT, PTS 1 - 8, 43R20445, EXCEPT PTS 1 TO 8, 43R20524; T/W AN EASEMENT IN FAVOUR OF THE OWNERS OF PT LTS 4 & 5, CON 2 NDSTT, PTS 1 TO 8, SAVE & EXCEPT THEREFROM PTS 1 TO 8, PL 43R20524, OVER PT OF THE COMMON ELEMENTS OF PEEL CONDO PL 492, PTS 2 TO 8, PL 43R20524, AS IN LT1524168. (S/T 248789VS, RO999144, RO1028279) S/T AN EASEMENT IN FAVOUR OF THE OWNERS OF PEEL CONDO PL 492 OVER PT LT 5 CON 2 NDSTT, PT 9, 43R20524, FOR THE PURPOSES OF INGRESS & EGRESS, AS IN LT1524168; MISSISSAUGA S/T EASEMENT OVER PART 1, PL 43R30352, AS IN PR964543.			
WTFN4034	132980599			PT LT 3 CON 2 NDS TORONTO; PT LT 4 CON 2 NDS TORONTO PT 2, 43R5088, PTS 1 - 10, 43R5665, SAVE & EXCEPT PTS 31, 32, 33, 34 & 35, 43R19857 BEING EASTGATE PARKWAY (FORMERLY FIELDGATE DR); S/T RO515252 IF ANY ; S/T TT96037 MISSISSAUG	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN4035	132980628			PT LT 3 CON 2 NDS TORONTO; PT LT 4 CON 2 NDS TORONTO PTS 30 TO 35, 48 TO 49, 56 TO 59, 43R19857; AS IN TT55629	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				BTN PT 4, 43R19831, PTS 2, 3, 4, 5, 7, 9 & 12, 43R5665 & PTS 39, 40, 41, 42 & 43, 43R19857; EXCEPT PTS 36, 37 & 38 43R19857: S/T TT55629 ; S/T RO1028935, RO1084582E, RO515252, RO668260, TT96037 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 40 - 49 PL 43R33870 AS IN PR2169846 CITY OF MISSISSAUGA			
WTFN4036	133030016			PT LT 3 CON 2 NDS TORONTO; PT LT 4 CON 2 NDS TORONTO AS IN TT55629 & TT55769 LYING BTN PTS 10 & 12, 43R5665 & PT 64, 43R19857 ; S/T RO1028935, RO1084581, RO515252, TT41361, TT41803 SUBJECT TO AN EASEMENT IN GROSS OVER PTS 50 - 55, PL 43R33870 AS IN PR2169846 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN4038	132980648			PT LT 3 CON 2 NDS DES PTS 2 TO 13 AND 15 PL 43R19831 AND PTS 36 TO 45 PL 43R19857 S/T RO1084580, S/T RO575350, TT96037 MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN4040	132980651			PT LT 1 CON 2 NDS TT AS IN TT55631; PT LT 2 CON 2 NDS TT AS IN TT58025 & TT85162 NW OF AUDOBON BLVD EXCEPT PT 1, 43R4376; PT LT 3 CON 2 NDS TT AS IN TT55629 NE OF PTS 39, 40, 41, 42, 43, 44, 45, PL 43R19857; PT LTS 1,	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				2, CON 2 NDS TT AS IN TT171916; SAVE & EXCEPT PT LT 2, CON 2 NDS TT, DES AS PTS 1 -8, PL 43R24991, PTS 1-12, PL 43R25509 , AND THE LANDS LYING S OF 43R25509; S/T TT55629, TT58025, TT55631, RO1028935, RO1053969, RO1084581, TT96037, RO5152 52, RO668260, RO715970, RO729678 SUBJECT TO AN EASEMENT AS IN PR2792097			
WTFN4042	132980670			BLOCK 6, PLAN 43M1503, MISSISSAUGA. T/W TT173599. S/T EASEMENT IN FAVOUR OF THE CORPORATION OF THE CITY OF MISSISSAUGA OVER PT BLK 6 PL "43M1503" LYING WITHIN THE LIMITS OF PT 13 PL 43R25335 AS IN RO575350. S/T " EASEMENT" IN FAVOUR OF THE CORPORATION OF THE CITY OF MISSISSAUGA OVER PT BLK 6 PL 43M1503 DES PT 6 PL 43R25335 AS IN RO584792. S/T EASEMENT IN FAVOUR OF THE CORPORATION OF THE CITY OF MISSISSAUGA OVER PT BLK 6 PL 43M1503 LYING WITHIN THE LIMITS OF PTS 12, 13 PL 43R25335 AS IN RO1041267. S/T EASEMENT IN FAVOUR OF SUN-CANADIAN PIPE LINE COMPANY LIMITED OVER	MISSISSAUGA	Temporary Agreement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				PT BLK 6 PL 43M1503 LYING WITHIN THE LIMITS OF 6,7,8,9,10,11 PL 43R25335 AS IN PR86933. T/W ROW IN FAVOUR OF BLK 6 PL 43M1503 OVER PT LT 2 CON 2 NDS DES PTS 2,3 PL 43R25312 AS IN PR109389 (S/T TT120053, TT144298, VS248789, LT2057426). T/W "EASEMENT" OVER PT LT 3 CON 2 NDS DES PT 4 PL 43R25312 PTS 2,3 PL 43R23745, PTS 1,3,4 PL 43R23903 AS IN PR152030. S/T "EASEMENT" IN FAVOUR OF THE REGIONAL MUNICIPALITY OF PEE L OVER PT BLK 6 PL 43M1503 DES PTS 1,12,13 PL 43R25888 AS IN PR184025. S/T "EASEMENT" IN FAVOUR OF THE CORPORATION OF THE CITY OF MISSISSAUGA "&" THE REGIONAL MUNICIPALITY OF PEEL OVER PT BLK 6 PL 43M1503 DES PT 10 PL 43R25888 AS IN PR184026. "AMENDED 2002/02/13 BY C. COOPER"			
WTFN4043	132980650			PT LT 2 CON 2 NDS TT, DES AS PTS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, PL 43R25509; S/T EASE IN FAVOUR OF INTERPROVINCIAL PIPE LINE LIMITEDOVER PT LT 2 CON 2 NDS TT, DES AS PT 11, PL 43R25509 AS IN RO515252; S/T EASE IN FAVOUR OF TRANS- NORTHERN PIPE LINE	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				COMPANY OVER PT LT 2 CON 2 NDS TT, DES AS PT 4, PL 43R25509 AS IN TT96037; S/T EASE IN FAVOUR OF PT LT 2, CON 2 NDS TT, DES AS PT 12, PL 43R25509 AS IN RO729678; S/T EASE IN FAVOUR OF IMPERIAL OIL LIMITED AND TRANS-NORTHERN PIPELINES INC. OVER PT LT 2 CON 2 NDS. TT, DES AS PT 6, PL 43R25509 AS IN RO715970; S/T EASE IN FVOUR OF SUN-CANADIAN PIPE LINE COMPANY LIMITED OVER PT LT 2 CON 2 NDS TT, DES AS PTS 2, 8, PL 43R25509 AS IN RO668260; S/T EASE IN FAVOUR OF THE CONSUMER'S GAS COMPANY LTD. OVER PT LT 2 CON 2 NDS TT, DES AS PT 10, PL 43R25509 AS IN RO1053969; S/T EASE IN FAVOUR OF THE REGIONAL MUNICIPALITY OF PEEL OVER PT LT 2 CON 2 NDS TT, DES AS PTS 1, 2,3, 4, 5, 6, 7, 8, 9, 10, 11, 12, PL 43R25509 AS IN PR140365			
WTFN4044	132980652			PT LT 1 CON 2 NDS TT AS IN TT55631; PT LT 2 CON 2 NDS TT AS IN TT58025 & TT85162 NW OF AUDOBON BLVD EXCEPT PT 1, PL 43R4376; PT LT 3 CON 2 NDS TT AS IN TT55629 NE OF PTS 39, 40, 41, 42, 43, 44, 45, PL 43R19857; PT LTS 1,	MISSISSAUGA	Refer to table 3-1	Hydro One/ Infras-tructure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				2, CON 2 NDS TT AS IN TT171916; SAVE AND EXCEPT PT LT 2, CON 2 NDS, DES AS PTS 1-8, PL 43R24491, PTS 1-12, PL 43R25509 AND THE LANDS LYING N OF 43R25509; S/T TT55629, TT55631, TT58025, TT96037, TT171916, RO515252, RO668260, RO715970, RO729678, RO1028935			
WTFN4045	074250015			PT LT D, CON RIVER ETOBICOKE ; PT LT E, CON RIVER ETOBICOKE ; PT LT F, CON RIVER ETOBICOKE ; PT RDAL BTN LTS E & F, CON RIVER ETOBICOKE , AS CLOSED BY BYLAW EB515504, AS IN EB56081 AND EB353352 EXCEPT PTS 2, 3, 4, 5, 6, 7, 8, 9, 10, 64R10480, S/T EB56081, EB353352, & TB244216; S/T INTEREST, IF ANY, OF THE CORPORATION OF THE CITY OF ETOBICOKE ; S/T EB120774, EB162596, EB3816 90, EB509584, TB144235, TB50 6293, T B932785 ETOBICOKE (EB381690 TRANSFERRED BY E390775 PTS 1, 2 & 3 PLN RS1161) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN4046	074340535			PT OF ELMCREST RD ALSO KNOWN AS MERCER RD ALSO KNOWN AS CENTENNIAL PARK BLVD LYING BTN THE S LIMIT OF EGLINTON AV W AND THE S LIMIT OF THE ONTARIO	TORONTO	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				HYDRO LANDS IN EB353352 BEING ; PT LT C, CON RIVER ETOBICOKE , BEING A FORCED RD ; PT LT C & D, CON RIVER ETOBICOKE , PTS 2-10 & 12-20 64R10480 ; SECONDLY ; PT LT C & D, CON RIVER ETOBICOKE , PART 1, 21 , 64R10480 ; S/T EB509584,TB144235 ETOBICOKE , CITY OF TORONTO			
WTFN4047	074340532			PT LT B & C, CON RIVER ETOBICOKE , AS IN EB57351, EB314056 EXCEPT THE EASEMENTS THEREIN & TB394440 ; PT LT A, CON RIVER ETOBICOKE , AS IN EB54459 EXCEPT THE EASEMENTS THEREIN LYING BTN ELMCREST RD ALSO KNOWN AS MERCER RD ALSO KNOWN AS CENTENNIAL PK BLVD AND PT 2 RS969 ; S/T EB116888,EB162596,EB1673 05,EB509584,TB144235,TB24 4216,T B9096,TB932785 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN4048	074340533			PT LT A, CON RIVER ETOBICOKE , PART 2 , RS969 ; S/T EB116888,EB120774,EB1673 05,EB398528,TB244216 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Surplus Lands)
WTFN4049	074340534			PT LT 15, CON 4 FRONTING THE HUMBER , AS IN EB54459 ; PT LT 16, CON 4	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				FRONTING THE HUMBER , AS IN EB54603 EXCEPT PT 2, EXPROP PL8315 LYING BTN RENFORTH DR BY BA2475 AND PT 2 RS969 ; S/T EB116888,EB162596,EB1673 05,EB509584,TB144235,TB24 4216,T B932785 ETOBICOKE , CITY OF TORONTO			
WTFN4050	074410200			PT OF RENFORTH DR LYING BTN THE E LIMIT OF EGLINTON AV AND W OF THE E LIMIT OF GENTIAN DR BEING ; PT RDAL BTN CONS 3&4 FRONTING THE HUMBER ; PT LTS 15 & 16, CON 4 FRONTING THE HUMBER ; 17 FT WID, PL 5135 ; AS IN TB688329 ; ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN4051	074410222			PT RDAL BTN CONS 3 & 4 FRONTING THE HUMBER (NOT TRAVELED) PT BTN PT 2 PL11139 & PT 1 PL10612; PT LT 16 CON 4 FTH PTS 2 & 3 PL8315; EXCEPT PT 2 64R14401 & PT 1 PL10612 & PT N OF S ELY LIMIT PT 2 PL11139; PT LT 16 CON 3 FTH AS IN EB279833; EXCEPT PT NW OF SE LIMIT PT 2 PL11139; EXCEPT PTS 15,16,17,18,22-31 66R27631; ETOBICOKE; CITY OF TORONTO	TORONTO	Refer to table 3-1	MTO
WTFN4052	074410211			PT LT 16, CON 3 FRONTING THE HUMBER , AS IN EB54417 EXCEPT PT 3, EXPROP PL 8205 ; S/T EB225142,EB509584,TB1442 35,TB932785 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN4053	074240241			PT RDAL BTN LOTS 16 & 17 CON 3 FTH ETOBICOKE; PT RDAL BTN CONS 3 & 4 FTH ETOBICOKE; PT LT 15-16 CON 4 FTH ETOBICOKE; EXCEPT PT 2 66R27535; PT LT 16 CON 3 FTH ETOBICOKE; PT E 1/2 LT 17 CON 3 FTH ETOBICOKE ; PT W 1/2 LT 17 CON 3 FTH ETOBICOKE; PT LT 331-339 PL 5135 ETOBICOKE; PT RESERVE PL 5135 ETOBICOKE; PT WID PL 5135 ETOBICOKE; PT LT 1-8 PL 5701 ETOBICOKE; PT RESERVE PL 5701 ETOBICOKE PT OF PT 2 PL 11139 EXCEPT B115780	TORONTO	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				(AKA EGLINTON AV W LYING W OF HWY 401); S/T EB167305, EB218978, EB347466; TORONTO (ETOBICOKE) ; CITY OF TORONTO SUBJECT TO AN EASEMENT IN GROSS OVER PT 2 66R27535 AS IN AT3698077			
WTFN4054	074240247			PT RDAL BTN CON 4 TWP OF ETOBICOKE & TWP OF TORONTO GORE ETOBICOKE; PT LT 16-22 CON 4 FTH ETOBICOKE; PT RDAL BTN LOTS 21 & 22 CON 4 FTH ETOBICOKE; PT RDAL BTN CONS 3 & 4 FTH ETOBICOKE; LT 1-3 PL 3775 ETOBICOKE; PT LT 4-6 PL 3775 ETOBICOKE; PT RDAL BTN LOTS 16 & 17 CON 4 FTH ETOBICOKE; PT LT 16- 19 CON 3 FTH ETOBICOKE; PT RDAL BTN LOTS 16 & 17 CON 3 FTH ETOBICOKE; PT RDAL BTN CON 2 & CON 3 FTH ETOBICOKE; PT LT 16- 21 CON 2 FTH ETOBICOKE; PT LT 1 PL 5230 ETOBICOKE; LT 2-9 PL 5230 ETOBICOKE; PT LT 1-8 PL 5701 ETOBICOKE; LT 9-14 PL 5701 ETOBICOKE; BLK A, B PL 5701 ETOBICOKE; 1 FT RESERVE PL 5701 ETOBICOKE; PT RANGOON RD, INVERDON RD PL 5701 ETOBICOKE; PT BLK C PL 5135 ETOBICOKE; PT LT 287-289, 292-293 PL 5135 ETOBICOKE; LT 294 PL 5135	TORONTO	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				<p>ETOBICOKE; PT LT 295-296 PL 5135 ETOBICOKE; PT COURTWRIGHT RD PL 5135 ETOBICOKE; PT 1 FT RESERVE M PL 5135 ETOBICOKE; PT RDAL BTN LOTS 16 &amp; 17 CON 2 FTH ETOBICOKE; BLK A PL 7207 ETOBICOKE; LT 1-5 PL 3935 ETOBICOKE; PT WILLOWRIDGE RD PL 3935 ETOBICOKE; PT BLK A PL 7179 ETOBICOKE; PT LT 1-3 PL 7179 ETOBICOKE; PT 1 FT RESERVE PL 7179 ETOBICOKE PT OF PT 1 PL9873, PT OF PT 1 PL 9874, PT OF PT 2 PL 11459, PT 1 PL 8660, PT 8 64R10198, PT 1 TO 4 RS720, PT 2, 4, 6 RS691, PT 1 64R3844 EXCEPT RENFORTH DR &amp; PT 1, 2 64R12618, PT OF PT 3 PL 8315 N OF PT 3 64R14402, AS IN PL 5403, PL 4959, PT 1 PL 7805, PT 1 &amp; 2 PL 7806, AS IN EB169082 W OF PL 9874, PT 1-4 PL 8198 EXCEPT PL 9873, AS IN PL 7034, PT OF PT 4 &amp; 5 PL 8691, PT OF PT 1 PL 8696, PT 2 64R7951, PT 2 PL 8663, AS IN TB883685, PL 8803, EXCEPT B115780; BEING HWY 401 &amp; 427 BTN DIXON RD &amp; EGLINTON AV; S/T EB167305, EB218978, EB347466, TB116887, EB311111; EXCEPT PT 10 66R27631; TORONTO</p>			

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				(ETOBICOKE), CITY OF TORONTO			
WTFN4071	074240096			PT LT 17-19 CON 3 FTH ETOBICOKE AS IN EB54596, EB54751, EB57907, EB146889, EB150229, EB257047 EXCEPT EB445267, CA540206 LYING BTN HWY 401 & HWY 27; S/T EB167305, EB230204, EB244816, EB255674, EB509584, TB144235; TORONTO (ETOBICOKE) ; CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/Infras-structure Ontario
WTFN4072	074240120			PT LT 19 CON 3 FTH ETOBICOKE PT 16 - 18 64R4011, PT 17 - 20, 24 -43, PT OF PT 44 64R2057 & PT 12 - 16 64R2604; S/T EB361811, EB456754; TORONTO (ETOBICOKE) ;S/T EB410246; CITY OF TORONTO	TORONTO	Existing Easement, Temporary Agreement	Private
WTFN4074	074240216			PT RDAL BTN CON 2 & CON 3 FTH ETOBICOKE; PT LT 19-20 CON 2 FTH ETOBICOKE; PT LT 19-20 CON 3 FTH ETOBICOKE AS IN CA540206 (PT 3); BEING HWY 27; S/T EB167305, EB347466, EB464962; TORONTO (ETOBICOKE) ; CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN4084	074240163			PART OF LOTS 19 & 20, CON. 2, FTH, DESIGNATED AS PARTS 1 TO 21 ON PLAN 66R20954. CITY OF TORONTO (FORMERLY CITY OF ETOBICOKE). T/W	TORONTO	Refer to table 3-1	Hydro One

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				CA643283; S/T EB167305, EB303967, EB347466, EB509584, TB144235 & TB244216.			
WTFN4086	074240125			KELFIELD ST PL 5118 ETOBICOKE; PT LT 21 CON 2 FTH ETOBICOKE AS IN EB236267, EB355564, EB150098 & EB424465 BEING KELFIELD ST; S/T EB167305, EB347466; TORONTO (ETOBICOKE) ; CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN4087	074240161			PT LT 20 CON 2 FTH ETOBICOKE PT 1, 3-14, 64R16238; S/T CA643281; S/T EB167305, EB347466, EB509584, TB144235, TB244216; TORONTO (ETOBICOKE) ; S/T AN EASEMENT IN GROSS OVER PRT 3 PL-64R-16788 & PRTS 3-14 PL-64R-16238; S/T AN EASEMENT IN GROSS OVER PARTS 3 TO 16, BOTH INCLUSIVE, ON PLAN 66R22636 AS IN AT1388858. CITY OF TORONTO, FORMERLY CITY OF ETOBICOKE.	TORONTO	Temporary Agreement	Private
WTFN4089	074240160			PT LT 21, 20 CON 2 FTH ETOBICOKE PT 2 & 3, 66R19888 & PT 15-28, 64R16238; S/T CA643283, CA803326; S/T EB167305, EB347466, EB509584, TB144235, TB244216; S/T CA803327; S/T AN EASEMENT IN GROSS OVER PARTS 1 & 2, PLAN	TORONTO	Temporary Agreement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				66R22636 AS IN AT138858. CITY OF TORONTO.			
WTFN4090	074240226			PT LT 20 CON 2 FTH ETOBICOKE PT 4 & 5, 66R1988, SAVE AND EXCEPT PART 1 ON PLAN 66R-26309, T/W CA803327 AND CA803326. CITY OF TORONTO	TORONTO	Temporary Agreement	Private
WTFN4091	074240154			PT LT 20-21 CON 2 FTH ETOBICOKE AS IN EB87553, EB151091, EB55622, EB54419 S OF STOFFEL DR BTN PT 2 & 28, 64R16238 EXCEPT 64R16238; T/W CA643283; S/T EB167305, EB347466, EB509584, TB144235, TB244216; TORONTO (ETOBICOKE) ; CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN4092	074240153			PT LT 21, 20 CON 2 FTH ETOBICOKE AS IN CA337696; S/T EB292648; TORONTO (ETOBICOKE) ; CITY OF TORONTO	TORONTO	Temporary Agreement, Permanent Agreement	Private
WTFN4093	074240148			BAYHAN ST PL 5118 ETOBICOKE EXCEPT EB254404; PT LT 21 CON 2 FTH ETOBICOKE; PT LT 10 PL 5118 ETOBICOKE AS IN EB204357, EB254405, EB246419 BEING STOFFEL DR; S/T EB246419; S/T EB167305, EB347466; PT STOFFEL DRIVE DEDICATED BY BYLAW EB279985, PT DEDICATED AS PUBLIC HIGHWAY AS IN EB205962, TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				(ETOBICOKE) ; CITY OF TORONTO			
WTFN4094	074240151			PT LT 21 CON 2 FTH ETOBICOKE AS IN TB927157; S/T EB223258; TORONTO (ETOBICOKE) ; CITY OF TORONTO	TORONTO	Temporary Agreement	Private
WTFN4095	074240155			PT LT 21 CON 2 FTH ETOBICOKE AS IN EB151091 & EB55622 N OF STOFFEL DR & S OF PT 4 - 10, 64R8560; S/T EB167305, EB347466; TORONTO (ETOBICOKE); CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN4098	074240158			PT LT 21 CON 2 FTH ETOBICOKE AS IN EB55622 & EB151091 N OF PT 4 - 11, 64R8560 & S OF DIXON RD; S/T EB167305, EB347466; TORONTO (ETOBICOKE) ; CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN4099	074160029			PT LT 22 CON 2 FRONTING THE HUMBER AS IN EXPRO PLAN 7966, EXPRO PLAN 7924, EB256142 E OF W LIMIT OF PT 5 PLAN 7910; PT ROAD ALLOWANCE BETWEEN LTS 21 & 22 CON 2 FRONTING THE HUMBER LYING E OF W LIMIT OF PT 5 PLAN 7910 AND W OF ROAD ALLOWANCE BETWEEN CONS 1 & 2 FRONTING THE HUMBER; PT LT 21 CON 2 FRONTING THE HUMBER, PT 1 EXPRO PLAN 8140, EXPRO PLAN 7806, EB256142 & EB280213 E OF W LIMIT OF PT 5 PLAN 7910;	TORONTO	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				S/T EB450807 S/T EB162596, EB167305, EB196892, EB116888 ETOBICOKE , CITY OF TORONTO			
WTFN4100	074160032			PT LT 22 CON 2 FRONTING THE HUMBER AS IN EB58034 LYING S OF PT 2 EXPROPLAN 7924 EXCEPT EB219374 ETOBICOKE; S/T EB445321 , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN4104	074130284			PT OF HWY 401 BEING PT OF DESIGNATION PLAN 9874 CONTAINED IN THE FOLLOWING: MARTINGROVE RD BEING THE ORIGINAL ROAD ALLOWANCE BETWEEN CONS 1 & 2 FRONTING THE HUMBER LYING S OF A LINE BETWEEN N LIMIT OF PT 1 EXPROP PLAN 7767 & N LIMIT PT 1 EXPROP PLAN 7924 & N OF S LIMIT OF PT 1 ASSUMPTION PLAN 7888; PT LT 22 CON 1 FRONTING THE HUMBER, PT 1 EXPROP PLAN 7924; PT LT 22 CON 1 FRONTING THE HUMBER, PT 1 EXPROP PLAN 7437 EXCEPT PT 1 64R6458; PT LT 21 CON 1 FRONTING THE HUMBER EXPROP PLAN 4164; PT LT 21 CON 1 FRONTING THE HUMBER EXPROP PLAN 4783 EXCEPT EB169233 & EB158164; PT 1 ASSUMPTION PLAN 7888 BEING PT 17 FT WIDENING PLAN 5766; PT 17 FT	TORONTO	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				<p>WIDENING PLAN 5085; PT ORIGINAL ROAD ALLOWANCE BETWEEN CONS 1 &amp; 2 FRONTING THE HUMBER; PT LT 21 CON 2 FRONTING THE HUMBER AS IN EB182687; SERVICE RD PLAN 5085; PT ORIGINAL ROAD ALLOWANCE BETWEEN LTS 21 &amp; 22 CON 1 FRONTING THE HUMBER PT 17 FT WIDENING BY BYLAW #9316 IN EB146354; PT LT 21 CON 1 FRONTING THE HUMBER BEING DIXON RD AS TRAVELLED BY UNREGISTERED BYLAW #31; PT LT 21 CON 1 FRONTING THE HUMBER BEING PT EXPROP PLAN 4685; PT LT 186 PLAN 5085, PTS 2, 5, 6, RS683; PT LT 187 PLAN 5085 PT 1 EXPROP PLAN 8520; PT LT 188 PLAN 5085 PT 2 EXPROP PLAN 8520; PT 1 FT RES PLAN 5085 PT 3 EXPROP PLAN 8520; LT F PLAN 5085 PT 1 EXPROP PLAN 7621; PT LT 21 CON 1 FRONTING THE HUMBER PT 2 EXPROP PLAN 7621; LT G PLAN 5085 PT 3 EXPROP PLAN 7621; PT LT 21 CON 1 FRONTING THE HUMBER PT 4 EXPROP PLAN 7621; LT H PLAN 5085; PT LT 21 CON 1 FRONTING THE HUMBER &amp; PT ORIGINAL ROAD ALLOWANCE BETWEEN LTS 21 &amp; 22 CON 1 FRONTING</p>			

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				<p>THE HUMBER LYING BETWEEN E LIMIT OF ROAD ALLOWANCE BETWEEN CONS 1 &amp; 2 FRONTING THE HUMBER (BEING MARTINGROVE RD) &amp; THE W LIMIT PT 1 MX103 &amp; W LIMIT PT 1 ASSUMPTION PLAN 7888 BEING PT PLAN 4586 &amp; DIXON RD AS TRAVELLED (ASSUMED BY UNREGISTERED BYLAW #31); PT LT 22 CON 2 FRONTING THE HUMBER, PTS 1, 2, 3, EXPROP PLAN 7767; PT LT 22 CON 1 FRONTING THE HUMBER BEING PT OF RONSON RD AS IN EB239007 LYING S OF PTS 1 &amp; 2 RD CLOSING PLAN 10613; PT LT 22 CON 1 FRONTING THE HUMBER PT 1 EXPROP PLAN 7968; PT LT 22 &amp; 23 CON 1 FRONTING THE HUMBER &amp; PT ORIGINAL ROAD ALLOWANCE BETWEEN LTS 21 &amp; 22 CON 1 FRONTING THE HUMBER AS IN EXPROP PLAN 4347 (PT AMENDED BY PLAN 5226) EXCEPT EB192190, EB207354 &amp; EB217666; WIDENING FOR HWY 401 PLAN 5210 S/T EB116888, EB162596, EB167305, EB173942 S/T EB196892, EB211738, EB211743, EB211920 ETOBICOKE , CITY OF TORONTO</p>			

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN4105	074130007			PT LT 22 CON 1 FRONTING THE HUMBER AS IN EB54554 LYING S OF PTS 7 & 8 64R6968 & W OF PT 3 64R6968 & N & E OF PT 1 EXPROP PLAN 7924 S/T EB116888, EB162596, EB167305, EB196892, EB295810 S/T EB450807, EB509584, TB144235, TB588399 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN4107	074130278			RONSON RD PLAN 5210; 1 FT RES PLAN 5210 LYING AT SW LIMIT OF RONSON RD PLAN 5210; PT LT 22 CON 1 FRONTING THE HUMBER AS IN EB235561 LYING NE OF PT 1 PLAN 10613 & LYING NW OF PT 2 PLAN 10613 & EXCEPT PTS 5 & 6 64R6968; PT LT 22 CON 1 FRONTING THE HUMBER, PTS 1, 4, 7 & 8 64R6968 S/T EB116888, EB162596, EB167305, EB196892, EB295810 S/T EB450807, EB509584 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN4108	074130009			PT LT 22 CON 1 FRONTING THE HUMBER AS IN EB54554 LYING N OF PT 7 64R6968; PT LTS 22 & 23 CON 1 FRONTING THE HUMBER AS IN EB55082 LYING S OF ENTERPRISE RD S/T EB116888, EB162596, EB167305, EB196892, EB295810 S/T EB509584, TB144235, TB588399	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				ETOBICOKE , CITY OF TORONTO			
WTFN4109	074240157			PT LT 21 CON 2 FTH ETOBICOKE PT 4 - 11, 64R8560; S/T EB527764; S/T EB329727; S/T EB329727, IF ANY; S/T EB167305, EB347466; TORONTO (ETOBICOKE) ; CITY OF TORONTO	TORONTO	Temporary Agreement, Permanent Agreement	Private
WTFN4113	133040694			PT LTS 6 & 7 CON 2 NDS TT SUBJECT TO AN EASEMENT AS IN PR2169847 SUBJECT TO AN EASEMENT AS IN PR2169851 SUBJECT TO AN EASEMENT AS IN PR2268313 SUBJECT TO AN EASEMENT AS IN PR2284183 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	MGCS
WTFN4114	133040492			PT LT 7 CON 2 NDS TORONTO PT 3, 43R21046 ; MISSISSAUG	MISSISSAUGA	Temporary Agreement	Private
WTFN4526	133040087			PT LT 8 CON 2 NDS TORONTO PT 1, 43R5908 ; S/T RO618840 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Surplus Lands)
WTFN4541	133040697			PT LTS 7 & 8, CON 2 NDS TT SUBJECT TO AN EASEMENT AS IN TT32705 SUBJECT TO AN EASEMENT AS IN TT33028 SUBJECT TO AN EASEMENT AS IN PR2268313 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	MGCS
WTFN4565	133030009			PT LT 5 CON 2 NDS TORONTO PT 7, 43R18011; BEING SOUTH GATEWAY	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				RD ; S/T RO988624 MISSISSAUG			
WTFN4631	074340524			PT LT B&C, CON RIVETS , AS IN EB277703 EXCEPT EB314056, PT 1 64R7446, PT 21 64R10480 AND LANDS LYING S OF EB57351 ; ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Surplus Lands)
WTFN4632	074340537			PT OF THE RDAL LYING S OF THE CENTERLINE BTN THE FORMER TOWNSHIPS OF ETOBICOKE AND TORONTO ACCORDING TO MUNICIPAL SURVEY NO. 844 (BYLAW 9377) BEING PT OF EGLINTON AV W LYING E OF THE NLY PRODUCTION OF THE ELY LIMIT OF PT 1 64R10480 AND LYING W OF THE LIMIT BTN THE CITY OF MISSISSAUGA AND THE BOROUGH OF ETOBICOKE ALSO KNOWN AS THE WEST LIMIT OF INDIAN LINE ; PT LT B,C & D, CON RIVER ETOBICOKE , PART 1 , 64R7446 ; PT LT A, CON RIVER ETOBICOKE , PART 1 , 64R4246 , PT 6 EXPROP PL 8315 ; ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN4684	074340527			PT LT 15, CON 4 FRONTING THE HUMBER , AS IN EB364670 EXCEPT PT 1 EXPROP PL8315 ; ETOBICOKE , CITY OF TORONTO	TORONTO	Temporary Agreement	School Board

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN4690	074240093			PT LT 17-18 CON 3 FTH ETOBICOKE AS IN TB572895; S/T TB153055; S/T CA792192, EB231646, EB350085, EB419734; TORONTO (ETOBICOKE) ; CITY OF TORONTO	TORONTO	Temporary Agreement	Private
WTFN4702	074400107			PT OF RENFORTH DR (FORMERLY FOURTH LINE) LYING S OF THE S LIMIT OF GENTIAN DR AND N OF THE S LIMIT OF ERINGATE DR BEING ; PT RDAL BTN CONS 3 & 4 FRONTING THE HUMBER ; PT LTS 14 & 15, CON 4 FRONTING THE HUMBER , AS IN TB688329 ; ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN4771	074240198			PT LT 18-21 CON 3 FTH ETOBICOKE AS IN EB271006, EB271007, EB375046, PT 1 EB375135, PT 1, 64R20176, PT 7 & 8, 64R9767, PT 1 & 2, 64R7077, PTS 8, 11 & 12, 64R2057, PTS 4-8, RS1070 EXCEPT MERIDIAN RD, 64R8647 BEING SKYWAY AV; S/T EB295271; SAVE AND EXCEPT LAND S SECONDLY IN EB31 8166, TORONTO (ETOBICOKE); CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN4772	133040481			FIRSTLY; PT LT 7 CON 2 NDS TORONTO AS IN VS76026 ( PT 1), VS76028 (PT 1), VS84584 (SCHEDULE D, 1STLY & 2NDLY), PT 4, 43R790, PT 10, 43R6582,	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				VS153062, VS243595, PTS 6 , 7 & 8, 43R4518 & VS84269; PT LT 6 CON 2 NDS TORONTO AS IN VS84585 (SCHEDULE D); SECONDLY; PT LT 7 CON 2 NDS TORONTO PTS 19 & 20, 43R16355; BEING FEWSTER DR ; S/T VS76026E, VS92187 MISSISSAUGA			
WTFN4880	074240233			PT RDAL BTN CON 4 TWP OF ETOBICOKE & TWP OF TORONTO GORE ETOBICOKE BTN RENFORTH DR & EGLINTON AV W SAVE AND EXCEPT PARTS 1 & 2, PLAN 66R24324; TORONTO (ETOBICOKE) CITY OF TORONTO	TORONTO; MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN4881	074240244			PART OF ROAD ALLOWANCE BETWEEN TOWNSHIPS OF ETOBICOKE AND TORONTO GORE, DESIGNATED AS PARTS 1 AND 2 ON PLAN 66R-27631.; CLOSED BY CITY OF TORONTO BY-LAW 1011-2010, INSTRUMENT NO. AT2635650. CITY OF TORONTO	TORONTO; MISSISSAUGA	Refer to table 3-1	Railroad (Surplus Lands)
WTFN4882	074240245			PART OF ROAD ALLOWANCE BETWEEN TOWNSHIPS OF ETOBICOKE AND TORONTO GORE, DESIGNATED AS PART 1 ON PLAN 66R-24324, SAVE AND EXCEPT PARTS ON PLAN 1 & 2 PLAN 66R- 27631.; CLOSED BY CITY OF	TORONTO; MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				TORONTO BY-LAW 1011-2010, INSTRUMENT NO. AT2635650. CITY OF TORONTO			
WTFN4883	132970029			BLK 10, PL 43M584 ; S/T DP2708, ONTARIO REGULATION 479/73, LAND USE REGULATION MADE UNDER THE PARKWAY BELT PLANNING AND DEVELOPMENT ACT. 1973 SUBJECT TO AN EASEMENT OVER PTS 12 & 18, 43R36084 IN FAVOUR OF METROLINX AS IN PR2639817 SUBJECT TO AN EASEMENT AS IN LT549816 CITY OF MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	MGCS
WTFN4884	132970046			PCL STREETS-1, SEC 43M584 ; MATHESON BLVD E, PL 43M584 ; MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN4885	132970047			PCL BLOCK 14-1, SEC 43M584 ; BLK 14, PL 43M584 ; S/T DP2708 ; MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN4886	132970290			PCL STREETS-1, SEC 43M584 ; COMMERCE BLVD, PL 43M584 , (FORMERLY INTERNATIONAL BLVD), ONTARIO REGULATION 479/73, LAND USE REGULATION MADE UNDER THE PARKWAY BELT PLANNING AND DEVELOPMENT ACT. 1973 ; MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN4887	132970295			PT RDAL BTN CON 6 EHS & CON 7 SD TORONTO AS CLOSED BY BYLAW	MISSISSAUGA	Refer to table 3-1	Railroad (Surplus Lands)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				RO552641 DES PT 13, 43R36084 SUBJECT TO AN EASEMENT IN FAVOUR OF ROGERS COMMUNICATIONS INC. AS IN PR2659244 CITY OF MISSISSAUGA			
WTFN4888	132970296			PT RDAL BTN CON 6 EHS & CON 7 SD TORONTO AS CLOSED BY BYLAW RO552641, PT 3, 43R7447 ; MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN4889	132970316			PCL RESERVES-1, SEC 43M584 ; BLK 12, PL 43M584 , BEING RESERVE ; S/T DP2708, ONTARIO REGULATION 479/73, LAND USE REGULATION MADE UNDER THE PARKWAY BELT PLANNING AND DEVELOPMENT ACT. 1973 ; MISSISSAUGA	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)
WTFN4890	132970358			PCL BLOCK 9-1, SEC 43M584 ; BLK 11, PL 43M584 , ONTARIO REGULATION 479/73, LAND USE REGULATION MADE UNDER THE PARKWAY BELT PLANNING AND DEVELOPMENT ACT. 1973 ; MISSISSAUGA SUBJECT TO AN EASEMENT OVER BLK 11, PL 43M584 IN FAVOUR OF METROLINX AS IN PR2639817	MISSISSAUGA	Refer to table 3-1	MGCS
WTFN4891	132970624			PT BLKS 2 & 3, 43M584, DES AS PT 3, 43R28574; MISSISSAUGA. S/T DP2708, ONTARIO REGULATION 479/73, LAND	MISSISSAUGA	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				USE REGULATION MAKE UNDER THE PARKWAY BELT PLANNING AND DEVELOPMENT ACT 1973. S/T ROW OVER PT BLKS 2 & 3, 43M584, DES AS PT 3, 43R28574 IN FAVOUR OF PT BLK 2 & 3, 43M584, DES AS PTS 2, 4 & 5, 43R28574, AS IN PR801437.			
WTFN4892	132970626			PT BLKS 2, 3 PL 43M-584 DES PT 4 PL 43R-28574; MISSISSAUGA; S/T DP2708, ONTARIO REGULATIONS 479/73, LAND USE REGULATION MADE UNDER THEPARKWAY BELT PLANNING AND DEVELOPMENT ACT, 1973; T/W ROW OVER PT BLKS 2, 3 PL 43M-584 DES PT 3 PL 43R-28574 IN FAVOUR OF PT BLKS 2, 3 PL 43M-584 DES PT 4 PL 43R-28574, AS IN PR801437.	MISSISSAUGA	Temporary Agreement	Private
WTFN4893	132970627			PT BLK 3 PL 43M-584 DES PTS 5, 6 PL 43R-28574; MISSISSAUGA; S/T DP2708, ONTARIO REGULATIONS 479/73, LAND USE REGULATION MADE UNDER THEPARKWAY BELT PLANNING AND DEVELOPMENT ACT, 1973; S/T EASEMENT IN FAVOUR OF THE CORPORATION OF THE CITY OF MISSISSAUGA AND THE REGIONAL MUNICIPALITY OF PEEL OVER PT BLK 3 PL 43M-584 DES PT 6 PL 43R-28574, AS	MISSISSAUGA	Temporary Agreement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				IN LT549816; T/W ROW OVER PT BLKS 2, 3 PL 43M- 584 DES PT 3 PL 43R-28574 IN FAVOUR OF PT BLK 3 PL 43M-584 DES PT 5 PL 43R- 28574, AS IN PR801437. SUBJECT TO AN EASEMENT IN GROSS OVER PTS 10 & 11, PL 43R36084 AS IN PR2655428			
WTFN4894	132970628			PT BLKS 2, 3, 15 PL 43M-584 DES PTS 1, 2 PL 43R-28574; S/T DP2708, ONTARIO REGULATIONS 479/73, LAND USE REGULATION MADE UNDERTHE PARKWAY BELT PLANNING AND DEVELOPMENT ACT, 1973; S/T EASEMENT IN FAVOUR OF THE CORPORATION OF THE CITY OF MISSISSAUGA AND THE REGIONAL MUNICIPALITY OF PEEL OVER PT BLKS 3, 15 PL 43M- 584 DES PT 1 PL 43R-28574, AS IN LT549816; T/W ROW OVER PT BLKS 2, 3 PL 43M- 584 DES PT3 PL 43R-28574 IN FAVOUR OF PT BLKS 2, 3 PL 43M-584 DES PT 2 PL 43R-28574, AS IN PR801437. SUBJECT TO AN EASEMENT IN GROSS OVER PTS 4, 5, 6, PL 43R36084 AS IN PR2638705 CITY OF MISSISSAUGA	MISSISSAUGA	Temporary Agreement	Private
WTFN5007	074130277			ENTERPRISE RD PLAN 5210; LT 23 CON 1 FRONTING THE HUMBER AS IN EB192955 S/T EB116888, EB162596, EB162767, EB167305 S/T	TORONTO	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				EB191477 ETOBICOKE , CITY OF TORONTO			
WTFN5008	074130010			PT LT 23 CON 1 FRONTING THE HUMBER AS IN EB55082 LYING N OF ENTERPRISE RD; PT LT 24 CON 1 FRONTING THE HUMBER AS IN EB55250 LYING S OF PTS 12 & 13 64R1813 S/T EB116888, EB162596, EB167305, EB196892, EB509584 S/T TB144235, TB588399 ETOBICOKE. S/T EASEMENT IN EB231764. (AMENDED ON 99/10/04) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario

WTFN5022	074140057			PT LTS 1 TO 4, PT DAYBAR AV PLAN 3663, PT BLK A PLAN 5210, RD WIDENINGS PLANS 4790 & 5210, RD ALLOWANCE BETWEEN CON 1 & 2 FRONTING THE HUMBER, PT LTS 23 & 24 CON 1 FRONTING THE HUMBER, & PT LTS 23 & 24 CON 2 FRONTING THE HUMBER DESIGNATED AS PT 1 ASSUMPTION PLAN 9590; PT DAYBAR AV PLAN 3663, DESIGNATION PLAN 9011; PT LT 5 PLAN 3663, PT 1 RS1041 & DESIGNATION PLAN 9011; PT LTS 5 & 6 PLAN 3663, PTS 1 TO 6 EXPROP PLAN 8105; PT LT 5 PLAN 3663, PT 1 RS1122 & DESIGNATION PLAN 9011; PT LT 6 PLAN 3663, PT 1 EXPROP PLAN 9174; PT LT 7 PLAN 3663, PT 1 EXPROP PLAN 9173; PT LT 8 PLAN 3663 & PT BLK A PLAN 5210, PTS 1 TO 3 EXPROP PLAN 9310; PT MCCULLOCH AV (PT LT 24 CON 1 FRONTING THE HUMBER) & PT LT 1 PLAN 3663 (CLOSED BY PLAN 9453), PTS 5 & 6 ASSUMPTION PLAN 9747 & DESIGNATION PLAN 9011; PT LT 24 CON 1 FRONTING THE HUMBER, PT 1 EXPROP PLAN 8084 ; PT LT 24 CON 1 FRONTING THE HUMBER, PTS 4 TO 13 64R1813, AS IN EB432191, & DESIGNATION PLAN 9011; PT LT 24 CON 1 FRONTING THE HUMBER,PT 2 RS1131, EXPROP PLAN 938123, PT 1 64R2076, AS IN	TORONTO	Refer to table 3-1	MTO
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Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				EB407405 S/T EB228463, DESIGNATION PLAN 9011, PT 2 64R1624, PT 1 & 2 EXPROP PLAN 9174, PT 1 64R1624, AS IN EB396579, & DESIGNATION PLAN 9011; PT SHAFT RD (LT 24 CON 1 FRONTING THE HUMBER) CLOSED BY BYLAW EB232084, & DESIGNATION PLAN 9011, PTS 3 & 4 EXPROP PLAN 9747; PT LT 24 CON 1 FRONTING THE HUMBER, PT 1 EXPROP PLAN 9423, PT 1 EXPROP PLAN 9413; PT 1 EXPROP PLAN 8665, SAVE AND EXCEPT PARTS 1, 2, 3, & 4, PLAN 64R6374; PT 1 EXPROP PLAN 9268 , PT 1 EXPROP PLAN 9460, PT 1 RS1244, PT 1 EXPROP PLAN 9171, PT 1 EXPROP PLAN 8209 EXCEPT 64R6974, PT 4 EXPROP PLAN 8170 EXCEPT 64R6974, PT 1 TO 3 EXPROP PLAN 8170, PT 1 RS850, AS IN EB363839, DESIGNATION PLAN 9011, PT 1 EXPROP PLAN 8159 , PT 1 EXPROP PLAN 8179; PT MCCULLOCH AV (LT 24 CON 1 FRONTING THE HUMBER), DESIGNATION PLAN 9011; S/T EB228463 ETOBICOKE CITY OF TORONTO			
WTFN5025	074140046			PT LT 24 CON 1 FRONTING THE HUMBER AS IN EB55250 EXCEPT EB201061, EB432191, BOUNDED BY THE S LIMIT OF BELFIELD	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				RD & THE N LIMIT OF HWY 409, S/T EB116888, EB162596, EB167305, EB196892, EB231764, EB509584, TB144235, TB588399 ETOBICOKE , CITY OF TORONTO			
WTFN5030	074140031			PT BELFIELD RD (AKA FACTORY ST): PT LTS 24 & 25 CON 1 FRONTING THE HUMBER, PT 3 EXPROP PLAN 8017 AND AS IN EB185659, EB205068, EB358298 AND EB201061 EXCEPT PT 2 PLAN 9747. ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5032	074140022			PT LTS 24 & 25 CON 1 FRONTING THE HUMBER AS IN EB54704 (SECONDLY) EXCEPT PT 5, 64R4773 S/T EB116888, EB162956, EB167305, EB196892, EB509584 S/T TB144235, TB588399 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN5033	074140019			PT LTS 24 & 25, CON 1, FRONTING THE HUMBER, AND PT LT 25 CON A FRONTING THE HUMBER, & PT ROAD ALLOWANCE BETWEEN CON A FRONTING THE HUMBER & CON 1 FRONTING THE HUMBER, PTS 2, 4 & 5 64R4773. S/T R.O.W. IN EB54704, EB491374, EB162596, EB167305 & EB196892. ETOBICOKE DESCRIPTION AMENDED	TORONTO	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				94/5/24 BY K. MASSAROTTO , CITY OF TORONTO			
WTFN5035	074140060			PART OF LOT 25, CONCESSION 1, FRONTING THE HUMBER, DESIGNATED AS PART 1 ON REFERENCE PLAN NO. 66R-24483; AND PART OF LOTS 25 AND 26, CONCESSION 1, FRONTING THE HUMBER, DESIGNATED AS PART 1 ON REFERENCE PLAN NO. 66R-24482 SUBJECT TO AN EASEMENT AS IN AT3532199 TOGETHER WITH AN EASEMENT OVER PART LOT 25, CON. 1, FRONTING THE HUMBER, DESIGNATED AS PARTS 12, 13, 14, 15, 16, 17, 18 & 19, 66R26530 AS IN AT3650445 CITY OF TORONTO	TORONTO	Refer to table 3-1	Railroad
WTFN5041	074140017			PT LT 25 CON 1 FRONTING THE HUMBER AS IN EB54704 (THIRDLY) EXCEPT PT 2 EXPROP PLAN 7813 AND EXCEPT PT 1 EXPROP PLAN 8158 S/T ROW EB54704 S/T EB116888, EB132339, EB162596, EB167305, EB196892, S/T EB509584, TB144235, TB588399 ETOBICOKE , CITY OF TORONTO SUBJECT TO AN EASEMENT OVER PARTS 12, 13, 14, 15, 16, 17 18 & 19, 66R26530 IN FAVOUR OF PT LT 25, CON 1, FRONTING THE HUMBER DESIGNATED AS PARTS 3,	TORONTO	Refer to table 3-1	Hydro One/ Infras-tructure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				5, 7, 10 & 11, 66R26530, PT LT 25, CON 1, FRONTING THE HUMBER DESIGNATED AS PART 1, 66R24483 AND PT LTS 25 & 26, CON 1, FRONTING THE HUMBER DESIGNATED AS PART 1, 66R24482 AS IN AT3650445			
WTFN5042	073730039			KIPLING AV: RD ALLOWANCE BETWEEN CONS 1 & A FRONTING THE HUMBER LYING SOUTH OF THE WLY PRODUCTION OF THE N LIMIT OF PT 6 PLAN 8188 & N OF THE N LIMIT OF PT 1 ASSUMPTION PLAN 9747; PT LT 26 CON A FRONTING THE HUMBER AS IN EB163609 & PTS 6 & 7 PLAN 8188; PT LT 26 CON 1 FRONTING THE HUMBER BEING PTS 3 & 4 PLAN 8188; PT LT 26 CON 1 FRONTING THE HUMBER AS IN EB129591 & EB178819; PT LT 26 CON 1 FRONTING THE HUMBER AS IN EB178818 LYING E OF THE W LIMIT OF KIPLING AV AS WIDENED; PT LT 26 CON 1 FRONTING THE HUMBER AS IN EB126291 LYING S OF THE S LIMIT OF BETHRIDGE RD S/T EB176263; PT LT 2 PLAN 5195, PTS 1 & 2 PLAN 8188. ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5045	073730033			PT LTS 25 & 26 CON A FRONTING THE HUMBER AS IN EB54673 AND EB54704 LYING S OF THE S LIMIT OF	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				PT 2 RS369 AND E OF THE E LIMIT OF EXPROP PLAN 7813 S/T EB116888, EB162596, EB167305, EB196892, EB509584 S/T TB144235, TB588399, ETOBICOKE, S/T AN EASEMENT OVER PTS 5-17 PL 66R-18221 IN FAVOUR OF PTS 1, 30 AND 31 PL 66R-17981 AS IN E233439. , CITY OF TORONTO			
WTFN5046	073730064			PT LOT 26, CON A FRONTING THE HUMBER, ETOBICOKE DESIGNATED AS PARTS 1 AND 2 PLAN 66R-19754 CITY OF TORONTO .. S/T AN EASEMENT IN FAVOUR OF PT LOT 26 CONCESSION A, FRONTING THE HUMBER BEING PARTS 3, 4, 5 AND 6 PLAN 66R-19754 OVER PART 2 PLAN 66R-19754, AS SET OUT IN AT36434; S/T AN EASEMENT OVER PARTS 18 AND 19, 66R-18221 AS IN E447478 SUBJECT TO AN EASEMENT IN GROSS OVER OVER PART 7 ON PLAN 66R26485 AS IN AT3210772	TORONTO	Temporary Agreement	Private
WTFN5054	073350093			REXDALE BLVD (FORMERLY OLD MALTON RD) AS ESTABLISHED BY QUARTER SESSION CT OCT. 14, 1833 OVER PT LTS 26 & 27 CON A F.T.H. AS WIDENED BY EB15425 & EB15427 BEING PTS 21, 22, 23 , 24 AND THAT PT OF PT 20 LYING E OF W LIMIT FROST ST	TORONTO	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				64R4438 & PT 4 64R3832; PT LT 19 PLAN 3891 PTS 6, 7, 8 64R4438; PT LT 27 CON A F.T.H. PTS 9, 10, 11 & 12 64R4438; PT LT 18 PLAN 3891 AS IN EB289405 & PT 1 & 2 64R3832; PT LTS 1, 2, 3 & 4 PLAN 3891 PT 3 64R3832; 10 FT WIDENING PLAN 3891; PT LT 1 PLAN 3891 AS IN EB301219; PT LT 27 CON A F.T.H. AS IN EB180016 LYING W OF W LIMIT ISLINGTON AV (AS WIDENED); PT LT 26 CON A F.T.H. PTS 5, 6 & 7 64R3832 & PTS 13, 14, 15, 16 & 17 & THAT PT OF PT 19 LYING E OF W LIMIT FROST ST 64R4438; S/T EB272068, EB343615 ETOBICOKE , CITY OF TORONTO			
WTFN5055	073350017			PT LT 27 CON A FTH AS IN EB54754 EXCEPT PT 1 PLAN RS369; PT LT 28 CON A FTH AS IN EB54754 LYING S OF LEDUC DR (LEDUC DR AS IN EB149179) SUBJECT TO EB509584, EB299828, TB588399, EB226768, TB144235, TB617058 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infrast-structure Ontario
WTFN5057	073350063			PT LTS 15, 16 & 17 PLAN 3891 AS IN EB522731 SUBJECT TO EB282419 ETOBICOKE , CITY OF TORONTO	TORONTO	Above Ground Facilities Agreement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN5059	073350016			PART LOT 12, PLAN 4645, AS IN TB712124 ETOBICOKE , CITY OF TORONTO	TORONTO	Above Ground Facilities Agreement	Private
WTFN5092	073390061			FIRSTLY LEDUC DR PLAN 4411 PLAN 4645 SECONDLY 1 FOOT RESERVE AT E END OF LEDUC DR PLAN 4411; 1 FOOT RESERVE AT W END OF LEDUC DR PLAN 4645; PT LT 28 CON A (FTH) AS IN EB149179 SUBJECT TO EB116888, PLAN4233, EB162596, EB167305, EB196892 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5093	073390041			PT LTS 28 & 29 CON A (FTH) AS IN EB56881 & EB54594 EXCEPT ROW THEREIN & EXCEPT PTS 5 6 7 8 9 11 12 13 14 & 15 RS899 "DESCRIPTION IN EB54594 & EB56881 MAY NOT BE ACCEPTABLE IN FUTURE" SUBJECT TO EB116888, EB162596, EB167305, EB196892, EB266792, EB471175, EB509584, TB144235, TB617058, PLAN4233 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN5098	073390046			LT 17 PLAN 4645 ETOBICOKE , CITY OF TORONTO	TORONTO	Temporary Agreement	Private
WTFN5099	073390047			PT LT 18 PLAN 4645 AS IN EB303805 EXCEPT PT 1 RS899 "DESCRIPTION IN EB303805 MAY NOT BE ACCEPTABLE IN FUTURE"	TORONTO	Temporary Agreement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				ETOBICOKE , CITY OF TORONTO			
WTFN5143	073300355			ISLINGTON AV: PT RD ALLOWANCE BETWEEN CON A AND B FRONTING THE HUMBER AND 17 FT WIDENING, PLAN 4646 LYING S OF THE WLY PRODUCTION OF THE S LIMIT OF IRWIN RD PLAN 2353 AND N OF THE PRODUCTION WLY OF THE S LIMIT OF GOLFDOWN DR PLAN 2353; 17 FT WIDENING PLAN 4605; 17 FT WIDENING PLAN 4411; 10 FT WIDENING PLAN 2353; PT LTS 1, 2, 3, 4, 5 AND 6 PLAN 4646 BEING PTS 8 TO 13 RS900; PT BLKS A AND B AND PT 1 FT WIDENINGS PLAN 5172 BEING PTS 1 TO 7 RS900; PT LTS 103 AND 104 PLAN 4411 BEING PT 10 RS899; PT LTS 28 AND 29 CON A FRONTING THE HUMBER AND PT WIDENING PLAN 4645 BEING PTS 5 TO 9 AND PTS 11 TO 15 RS899; PT LOT 66 PLAN 2353 BEING PTS 16 TO 22 RS899; PT LTS 1 AND 2 PLAN 2501 AS IN EB300043; PT LTS 3 AND 4 PLAN 2501 BEING PTS 29 AND 30 RS900; PT LT 4 PLAN 2501 AS IN EB456425 LYING W OF THE NLY PRODUCTION OF THE WLY LIMIT OF PT 1 66R8108 ETOBICOKE S/T EB120774, EB121132, EB131875,	TORONTO	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				EB116888, EB196892, EB167305, EB162596, EB323291 , CITY OF TORONTO			
WTFN5144	073300086			PT LT 66 PLAN 2353 AS IN EB53793, EB53847, EB53991 EXCEPT EB294075 AND PTS 18, 19, 20, 21, 22 RS899 "DESCRIPTION IN EB53793, EB53849, EB53991 MAY NOT BE ACCEPTABLE IN FUTURE" SUBJECT TO EB381800, EB509584, TB144235, TB617058 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN5150	073300087			PARCEL 1-1, SECTION M1602 LOT 1, PLAN M1602 ETOBICOKE , CITY OF TORONTO	TORONTO	Temporary Agreement	Private
WTFN5152	073300353			ELMHURST DR, PLAN 2353 AND PT LT 4, 5, & 6, PLAN 2759 AS IN EB396046 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5155	073300004			PT LTS 1, 2, 5, 6, 7, 8, 19, 20, 21, 22 PLAN 2501 AND PT LTS 18 & 19 PLAN 2759 IN EB53727, EB53728, EB300236, EB53794, EB53348, EB53349, EB53191, EB53192, EB53865 AND PTS 1, 2, 3 & 4 64R5709, EXCEPT EB327805, EB215195 & TB200361 "DESCRIPTION IN EB53727, EB53728, EB300236, EB53794, EB53348, EB53349, EB53191, EB53192, EB53865 MAY NOT BE ACCEPTABLE IN	TORONTO	Refer to table 3-1	Hydro One/ Infras-tructure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				FUTURE" SUBJECT TO EB509584, TB144235, TB617058 ETOBICOKE , CITY OF TORONTO			
WTFN5163	073300085			TURPIN AV (FORMERLY FOURTH AV) PLAN 2759 N OF ELMHURST DR ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5165	073270142			PT IRWIN RD PLAN 2353 LYING WLY OF THE NLY LIMIT OF LTS 21 & 22 PLAN 2759; PT LT 4 PLAN 2501 AS IN EB456425 LYING E OF THE NLY EXT OF THE WLY LIMIT OF PT 1 PLAN 66R8108 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5166	073270148			PCL 2064, SEC ETOBICOKE 1 FT RESERVE STRIP ALONG SLY LIMIT OF PLAN M433 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5167	073270149			PCL STREETS-1 SEC M433 IRWIN RD PLAN M433 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5168	073270147			PCL 1066, SEC ETOBICOKE PT LT 30 CON B FRONTING THE HUMBER (AKA IRWIN RD), LYING W OF IRWIN RD PLAN M469, S OF A LINE JOINING THE ELY CORNER OF LT 6 PLAN M433 AND THE NW CORNER OF IRWIN RD PLAN M469 E OF IRWIN RD PLAN M433& 1 FT RESERVE PLAN M433 AND THE N LIMIT BETWEEN LTS	TORONTO	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				29 & 30 CON B ETOBICOKE , CITY OF TORONTO			
WTFN5180	073270074			PCL 4-1 SEC M469, LTS 4 & 5 SEC M469; PCL 2-2 SEC 469, PT LT 2 ON THE N/S OF IRWIN RD PLAN M469, HAVING AN AREA OF 0.457 ACRES MORE OR LESS AS SHOWN EDGED IN RED ON THE PRINT OF PLAN 203- 2214 ATTACHED TO TRANSFER LT 358091, COMM AT THE MOST NLY ANGLE OF LT 2, THENCE S ELY ALONG THE N EASTERN LIMIT OF LT 2, 125 FT THENCE SWLY AND PARALLEL TO THE LIMIT BETWEEN LTS 2 & 4 PLAN M469, 159.25 FT MORE OR LESS TO THE S WESTERN LIMIT OF LT 2, THENCE NWLY ALONG THE SAID SOUTHERN LIMIT 125 FT MORE OR LESS TO THE MOST WLY ANGLE OF SAID LT, THENCE N ELY ALONG THE SAID LIMIT BETWEEN LTS 2 & 4, 159.23 FT MORE OR LESS TO THE PT OF COMMENCEMENT; PCL 1-1 SEC M469, LT 1 PLAN M469; PCL 30-5 SEC E20, PT LT 30 CON B FRONTING THE HUMBER , TAKING IRWIN RD AS A GOVERNING LINE IN A COURSE OF N 73 DEG 51" E, THEN COMM AT A PT IN THE N ELY INE ON A COURSE OF N 73 DEG 51" E, THEN COMM AT A PT IN THE	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				<p>N ELY LIMIT OF TORONTO SUBURBAN RAILWAY (WHERE A STAKE HAS BEEN PLANTED) SAID STAKE BEING AT THE INTERSECTION WITH THE NLY LIMIT OF A 66 FT RD ON SAID LT KNOWN AS IRWIN RD RUNNING FROM WESTON RD TO THE ELY LIMIT OF SAID RAILWAY (ALONG THE EXISTING SLY LIMIT OF SAID LT 30; THENCE N 73 DEG 51" E ALONG THE NLY LIMIT OF IRWIN RD 47 FT 6 IN TO A STAKE; THENCE N 30 DEG W 421 FT 5 IN TO AN ANGLE IN A FENCE; THENCE S 83 DEG 26" W ALONG SAID FENCE 112 FT 10 IN; THENCE S 30 DEG E 404 FT 8 IN MORE OR LESS TO THE N E LIMIT OF THE TORONTO SUBURBAN RAILWAY; THENCE S ELY ALONG THE SAID RAILWAY 75 FT 6 IN MORE OR LESS TO THE PLACE OF BEGINNING T/W ROW FOR ALL PURPOSES IN COMMON WITH OTHERS ENTITLES THERETO OVER, ALONG AND UPON A STRIP OF LAND KNOWN AS IRWIN RD ADJOINING THE SLY LIMIT OF THIS LAND WHICH SAID STRIP IS DESCRIBED AS FOLLOWS COMM AT THE INTERSECTION OF THE LINE BETWEEN LTS 29 &amp; 30 WITH THE WLY LIMIT OF</p>			

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				<p>WESTON RD; THENCE NLY ALONG THE LAST MENTIONED LIMIT 67.5 FT; THENCE WLY IN A STRAIGHT LINE ALONG THE NLY LIMIT OF A RD KNOWN AS IRWIN RD AND PARALLEL TO THE BOUNDARY LINE BETWEEN SAID LTS 29 &amp; 3, 832.8 FT TO THE N ELY LIMIT OF THE LANDS OWNED BY THE TORONTO SUBURBAN RAILWAY; THENCE S ELY ALONG LAST MENTIONED LIMIT TO THE PT OF ITS INTERSECTION WITH THE BOUNDARY LINE BETWEEN SAID LTS 29 &amp; 30; THENCE ELY ALONG SAID BOUNDARY LINE TO THE PLACE OF COMMENCEMENT S/T ROW FOR ALL PURPOSES, OVER, ALONG AND UPON A STRIP OF LAND 15 FT WIDE ADJOINING THE ELY LIMIT OF ROW OF THE TORONTO SUBURBAN RAILWAY AND EXTENDING FROM THE NLY BOUNDARY OF IRWIN RD AFORESAID TO THE WLY BOUNDARY OF THE ABOVE DESCRIBED LANDS; SUCH ROW BEING RESERVED FOR THE BENEFIT OF SUCH PERSONS AS THE IRWIN AS THE OWNER OF THE PT OF PARCEL 1172 LYING BETWEEN THE WLY BOUNDARY OF THESE</p>			

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				<p>LANDS AND THE TORONTO SUBURBAN ROW; PCL 3171 SEC ETOBICOKE, LT 7 PLAN M433 T/W ROW FOR ALL PURPOSES, OVER ALONG AND UPON A PORTION OF LT 30 CON B, BEING A STRIP OF LAND 15 FT WIDE ADJOINING THE ELY LIMIT OF THE ROW OF THE TORONTO SUBURBAN RAILWAY AND EXTENDING FROM THE NLY BOUNDARY OF IRWIN RD, AS SHOWN ON SAID PLAN TO THE ELY BOUNDARY OF SAID LT 7, THE SAID ROW HAVING BEEN RESERVED FOR THE BENEFIT OF SUCH PERSONS AS THE OWNERS OF THE SAID LT 7; PCL 30-9 SEC E20, PT LT 30 CON B FRONTING THE HUMBER HAVING AN AREA OF OF 0.54 ACRES, COMM AT THE MOST ELY ANGLE OF LT 6 PLAN M433, THENCE N WLY ALONG THE NORTHERN LIMIT OF LT 6, 333.94 FT, THENCE N 24 DEG 13" E 66 FT MORE OR LESS TO THE SLY LIMIT OF LT 7 PLAN M433, AND THE NLY LIMIT OF THE FORMER ROW OF THE TORONTO SUBURBAN RAILWAY, THENCE S ELY ALONG THE SAID SLY LIMIT OF THE ROW OF THE TORONTO SUBURBAN RAILWAY AND CONTINING S ELY ALONG THE SAID NLY</p>			

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				LIMIT OF THE ROW OF THE TORONTO SUGURBAN RAILWAY IN ALL A DISTANCE OF 375.91 FT MORE OR LESS TO THE NLY LIMIT OF THE IRWIN RD, THENCE S WLY ALONG THE LAST MENTIONED LIMIT 89.52 FT MORE OR LESS TO THE PT OF COMMENCEMENT, S/T ROW FOR ALL PURPOSES, IN, ALONG AND UPON A STRIP OF LAND 10 FT IN WIDTH, LYING 5 FT MEASURED RADIALY FROM CENTRE LINE AND CENTRE LINE PRODUCED, COMM AT A PT IN THE NORTHERN LIMIT OF IRWIN RD DISTANT 44.76 FT MEASUR			
WTFN5181	073270073			PCL 2-1 SEC M469 PART LT 2, PLAN M469, PT 1 66R7681 COMM AT THE SW ANGLE OF LT 2; THENCE ELY ALONG THE S WLY LIMIT OF LT, 100 FT MORE OR LESS TO THE SW ANGLE OF LT 3 ON SAID PLAN; THENCE NLY ALONG THE WLY LIMIT OF LT 3, 150 FT MORE OR LESS TO THE NW ANGLE OF LT 3; THENCE ELY ALONG THE NLY LIMIT OF LT 3, 60FT 9 IN MORE OR LESS TO THE NE ANGLE OF SAID LT; THENCE NLY ALONG THE ELY LIMIT OF LT 2, 64 FT 10 IN MORE OR LESS TO THE SLY LIMIT OF THE NLY 125 FT OF SAID LT 2;	TORONTO	Temporary Agreement	Conser-vation Authority

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				THENCE WLY ALONG THE SAID LIMIT 159 FT 3 IN MORE OR LESS TO THE WLY LIMIT OF SAID LT 2; THENCE SLY ALONG THE WLY LIMIT OF LT 2, 190 FT 3 1/2 IN MORE OR LESS TO THE SW ANGLE OF LT 2 AND THE PT OF COMMENCEMENT, PCL 2-3 SEC M469, PT 2 PLAN M469, PT 4 66R9963; PCL 3-1 SEC M469, LT 3 PLAN M469 ETOBICOKE , CITY OF TORONTO			
WTFN5183	073270069			PCL 1723 SEC ETOBICOKE MURIEL AVENUE & PT KING STREET (CLOSED BY C506483) PLAN M469 PTS 2,3,4,11,12,13,14,15,16,17 & 18 PLAN 66R15246 SUBJECT TO C574230, C734392 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Surplus Lands)
WTFN5184	073270068			PCL ONE FT RES-1 SEC M469 PT ONE FT RESERVE STRIP ALONG THE E SIDE OF KING STREET, PLAN M469 PTS 6,7,8,9 & 10 PLAN 66R15246 SUBJECT TO A636397, C574230 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Surplus Lands)
WTFN5188	073270058			PARCEL 30-8, SECTION E20 PT LT 30 CON B, FRONTING THE HUMBER COMM AT THE MOST SLY ANGLE OF LT 155 PLAN M433; THENCE ALONG THE PRODUCTION S ELY OF THE S WESTERN	TORONTO	Refer to table 3-1	Hydro One/ Infrast-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				LIMIT OF SAID LT 155, 133.7 FT; THENCE N ELY IN A STRAIGHT LINE 254.08 FT TO A PT IN THE S EASTERN; LIMIT OF LT 155 DISTANT 215.82 FT MEASURED N ELY ALONG THE LAST; MENTIONED LIMIT FROM THE SAID MOST SLY ANGLE OF LT 155 AFOREMENTIONED; THENCE S WLY ALONG THE SAID S EASTERN LIMIT 215.82 FT TO THE PT OF; COMMENCEMENT ETOBICOKE , CITY OF TORONTO			
WTFN5189	073270057			PARCEL 155-1, SECTION M433 LOT 155, PLAN M433, EXCEPT PTS 5,6,7,8,9 & 10 PLAN 66R9963 & PTS 17,18,19 PLAN 66R5638 SUBJECT TO B279530, C112294, C580000 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infrast-structure Ontario
WTFN5192	073270055			PCL 145-1 SEC M433 LT 145 PLAN M433 PT 1 PLAN 66R6800 AND PT PCL STRIP- 2 SEC M433 PT 18" STRIP ADJOINING W LIMIT ALBION RD (FORMERLY WESTON RD) PLAN M433 PTS 10 - 16 & 21 PLAN 66R-5638 ETOBICOKE , CITY OF TORONTO	TORONTO	Temporary Agreement	Conser-vation Authority
WTFN5193	073270152			PT LT 30 CON B FRONTING THE HUMBER KNOWN AS ALBION RD (FORMERLY WESTON RD) CONFRIMED	TORONTO	Refer to table 3-1	Municipal (Surplus Lands)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				APRIL 21, 1821 BY QUARTER SESSIONS COURT BY UNREGISTERED BYLAW NO. 31, NOW CLOSED BY TB308098, PTS 11, 12, 13, 14, 15, 16, 17, 18, 64R1775 ETOBICOKE , CITY OF TORONTO			
WTFN5194	073280026			FIRSTLY: PARCEL STRIP-1, SECTION M433, PT 18 FT STRIP PLAN M433 LYING S OF PT 16, 66R5638; PCL 155- 2 SEC M433, PT LT 155 PLAN M433 PTS 17 TO 19, 66R5638; PCL 30-39 SEC E20, PT LT 30, CON B FRONTING THE HUMBER PT 5, R4743; PCL 30-44 SEC E20, PT LT 30, CON B FRONTING THE HUMBER PT 4, R4743; PCL PLAN-1 SEC D145, UNIT 1 PLAN D145; PCL 30-4 SEC E20, PT LT 30, CON B, FRONTING THE HUMBER PT 2, R433; PCL 30-41 SEC E20, PT LT 30, CON B, FRONTING THE HUMBER PT 1, R433; PCL 5795 SEC ETOB RD WIDENING PLAN M590; SECONDLY: PCL 2-1, SEC M590, PT LT 2 PLAN M590 PT 3, R4743; PCL 30-7 SEC E20, PT LT 30, CON B, FRONTING THE HUMBER; PCL 30-6 SEC E20, PT LT 30, CON B, FRONTING THE HUMBER S/T B279530 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN5195	073280025			ALBION RD BOUND ON THE N BY THE ELY PRODUCTION OF THE N LIMIT OF PT 11, 64R1775 TO A POINT WHERE IT INTERSECTS WLY LIMIT PT 2, 64R1775 THENCE NLY ALONG THE N LIMIT OF PT 2, 64R1775 AND ON THE S BY THE ELY EXTENSION OF THE S LIMIT OF IRWIN RD PLAN M469 TO THE WLY EXTENSION OF THE S LIMIT OF ARCOT BLVD PLAN 6815; PT LTS 30 & 31, CON B, FRONT ING THE HUMBER ALBION RD CONFIRMED BY QUARTER SESSIONS COURT PTS 2 TO 6 & 22, 64R1775; PT BLK M, PLAN 6815 PTS 7 TO 9, 64R1775; PT 27 FT RD WIDENING, PLAN 6815; PT LTS 30 & 31, CON B, FRONTING THE HUMBER AS IN EB37471 S/T EB160750 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5196	073280001			PT LT 30, CON B, FRONTING THE HUMBER AS IN EB56291 S OF S BANK OF HUMBER RIVER EXCEPT PTS 2 TO 6 & 22 ON 64R1775; S/T TB617058 AS AMENDED BY TB769671 S/T EB116888, EB162596, EB167305, EB196892, EB509584 S/T TB144235, TB769672 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN5202	073250344			PT LTS 30 TO 32 CON B (A.K.A CON C) FRONTING THE HUMBER & A.K.A. PT RDALLOWANCE BETWEEN CON B & C FRONTING THE HUMBER (CLOSED BY EB60430) LYING N OF S LIMIT OF W BRANCH OF HUMBER RIVER, PT LT 31, CON C FRONTING THE HUMBER & PT RD ALLOWANCE BETWEEN LTS 31 & 32 FRONTING THE HUMBER (CLOSED BY EB324833 - 2NDLY) AS IN EB56291, EB56583, EB55789, EB54420 & EB54998(1STLY) S/T EB56291, EB422733, EB56583 & EB54420, EB116888, EB162596, EB165529, EB167305, EB174670, EB196892, EB211434, EB229834, EB244918, EB331929, EB334467, EB509584, TB144235, TB617058, TB769672 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN5203	103101063			PT LT 16-18 CON 6 WYS TWP OF YORK AS IN NY36482 & NY33450 LYING S OF THE SOUTH WEST LIMIT OF BLK I, M715 SAVE & EXCEPT PARTS 1 TO 32 INCL. ON PLAN 66R23095 SUBJECT TO AN EASEMENT AS IN NY358713 SUBJECT TO AN EASEMENT AS IN TB144235 SUBJECT TO AN EASEMENT AS IN NY276246 CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-tructure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN5205	103101062			PART OF LOT 18 CON. 6 WYS TWP OF YORK DESIGNATED AS PARTS 1 TO 32 INCL. ON PLAN 66R23095 SUBJECT TO AN EASEMENT AS IN TB144235 SUBJECT TO AN EASEMENT AS IN NY321906 CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Surplus Lands)
WTFN5206	073250342			PT LT 31, CON B FRONTING THE HUMBER PTS 6 & 7, 64R8922 T/W EB56291 S/T EB220216 ETOBICOKE , CITY OF TORONTO	TORONTO	Temporary Agreement	Conser-vation Authority
WTFN5232	103100201			PARCEL 16620, SECTION WEST YORK LOT 83, PLAN 66M803 SUBJECT TO B38969 TWP OF YORK/NORTH YORK , CITY OF TORONTO	TORONTO	Temporary Agreement	Private
WTFN5233	103100200			PCL H-1, SEC M715 BLK J 66M715 TWP OF YORK/NORTH YORK , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Surplus Lands)
WTFN5234	103100199			PARCEL 82-1, SECTION M803 LOT 82, PLAN 66M803 SUBJECT TO B38969 TWP OF YORK/NORTH YORK , CITY OF TORONTO	TORONTO	Temporary Agreement	Private
WTFN5259	103100779			PT LT 18 CON 6 WYS TWP OF YORK AS IN NY401194; S/T NY401194; S/T NY321906, TB144235; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Surplus Lands)
WTFN5260	103101060			PART OF LOTS 18 & 19 CON. 6 WYS TWP OF YORK DESIGNATED AS PARTS 41 TO 87 INCL. ON PLAN	TORONTO	Refer to table 3-1	Municipal (Surplus Lands)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				66R23095 SUBJECT TO AN EASEMENT AS IN NY321906 SUBJECT TO AN EASEMENT AS IN NY369759 SUBJECT TO AN EASEMENT AS IN NY760550 SUBJECT TO AN EASEMENT AS IN NY777992 SUBJECT TO AN EASEMENT AS IN TB144235 CITY OF TORONTO			
WTFN5262	103100001			BLK F PL 5780 NORTH YORK EXCEPT NY477984; S/T NY329400, NY694713, NY686580; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Temporary Agreement	Private
WTFN5264	103101061			PT LT 18-19 CON 6 WYS TWP OF YORK AS IN NY32550, NY33450 LYING N OF THE NORTH WEST LIMIT OF BLK I, M715; PT LT 165-170 PL 5780 NORTH YORK AS IN NY359376 EXCEPT NY496936; SAVE & EXCEPT PARTS 41 TO 87 INCL. ON PLAN 66R23095 SUBJECT TO AN EASEMENT AS IN NY321906 SUBJECT TO AN EASEMENT AS IN NY496935 SUBJECT TO AN EASEMENT AS IN NY757137 SUBJECT TO AN EASEMENT AS IN NY760550 SUBJECT TO AN EASEMENT AS IN TB144235 SUBJECT TO AN EASEMENT AS IN TB322919 SUBJECT TO AN EASEMENT OVER PT LT 19 CON 6 WYS TWP OF YORK PARTS 1 TO 14, 66R27808 IN FAVOUR OF PT W1/2 LT 21 CON 3 WYS TWP	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				OF YORK AS IN AT4554262 CITY OF TORONTO			
WTFN5278	102950405			RDAL BTN CON 5 WYS & CON 6 WYS TWP OF YORK; WID PL 3474 NORTH YORK; WID PL 5780 NORTH YORK; PT LT 19-20 CON 5 WYS TWP OF YORK; PT LT 19-20 CON 6 WYS TWP OF YORK AS IN NY586304, NY563493, NY563494, NY534478, NY496936, NY496938, NY494895, NY490386, PT 1 EXP	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5280	102950004			PT LT 19 CON 5 WYS TWP OF YORK PT 2 64R4781, S/T NY310501; S/T NY534479, NY699749, TB228614; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Temporary Agreement	School Board
WTFN5281	102950006			PCL 30 - 34 SECT M458; PCL WIDENING-1 SECT M722 BLK A PLAN 66M722 EXCEPT PT 1 66R13803; PT MAIN ST. WIDENINGS PLAN 66M722 BEING PT 10 66R99 AS STOPPED UP AND CLOSED BY BY-LAW NO. 13908 OF THE CORPORATION OF THE TOWNSHIP OF NORTH YORK PASSED 27/04/1959 REGISTERED AS B32211; SUBJ TO EASE OVER PT 1 66R13909 IN C183895; TOGETHER WITH AN EASE OVER PTS 7 & 8 64R10139 AS IN C191922 TWP OF YORK/NORTH YORK , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Surplus Lands)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN5282	102950005			PT LT 19-20 CON 5 WYS TWP OF YORK AS IN NY297780, NY297779; S/T TB228615; TORONTO (N YORK) , CITY OF TORONTO SUBJECT TO AN EASEMENT AS IN AT4299591	TORONTO	Temporary Agreement	School Board
WTFN5283	102950003			PT LT 19-20 CON 5 WYS TWP OF YORK AS IN NY34721 EXCEPT NY310501, AS IN NY34417 (FIRSTLY), EXCEPT NY496936; S/T NY226820 AMENDED BY NY541141A; S/T NY334284, NY496935, NY760550, TB144235, TB322919, TB802836; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN5290	102930087			PT W1/2 LT 16 CON 5 WYS TWP OF YORK AS IN CY45315, NY127059; PT LT 17-20 CON 5 WYS TWP OF YORK AS IN CY45218, CY1197, CY6065, CY61225, CY59198, EXCEPT CY61222; PT LT 3, 5-6 PL 3521 NORTH YORK AS IN NY123218, NY123216, NY123217; PT LT 2, 5-6 PL 3474 NORTH YORK AS IN NY119453; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Railroad

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN5291	102960176			RDAL BTN LOTS 20 & 21 CON 5 WYS NORTH YORK; PT LT 20-21 CON 5 WYS TWP OF YORK AS IN NY489688, PT 2, 64R4708, AS IN NY530105, NY379889, NY363819, PT 1, 64R4708; BEING FINCH AV BTN WESTON RD AND HWY 400; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5292	102930001			PT LT 20 CON 5 WYS TWP OF YORK AS IN NY34417 (SECONDLY) EXCEPT PT 2, 64R4708; S/T NY34417; S/T NY226820 AMENDED BY NY541141A; S/T NY760550, TB144235, TB802836; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN5294	102930002			PCL 20-11 SECT. Y-10 PART LOT 20, CONCESSION 5, WYS, PTS 1, 2, 3, 4, 5 & 6 66R10116 SUBJ. TO RIGHT & EASE OVER PT LOT 20 CON 5 WYS, PT 1, 66R12002 FOR THE PURPOSES & WITH COVENANTS AS SET OUT IN A897314; SUBJ. TO EASE OR RIGHT AS PT 1, 66R10924; AS IN A772310; SUBJ. TO EASE OVER PT 5, 66R10116 AS IN A240181; SUBJ. TO EASE OVER PTS 2 & 3 66R10116 AS IN A514200 TWP OF YORK/NORTH YORK , CITY OF TORONTO	TORONTO	Temporary Agreement	Private
WTFN5295	102930090			PCL 20-2 SECT. Y-10; PCL PLAN-1 SECT. M1829 PT ARROW RD; PT LOT 20 CON	TORONTO	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				5 WYS AS DEDICATED BY BY-LAW 20330 AS CONFIRMED BY 66BA2349; ARROW RD PLAN 66M1829 AS CONFIRMED BY 66BA2349 TWP OF YORK/NORTH YORK , CITY OF TORONTO			
WTFN5297	102960138			PT LT 21 CON 5 WYS TWP OF YORK PT 2, 64R8045; S/T TB144235; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN5298	102960118			SIGNET DR PL 8089 NORTH YORK; 1 FT RESERVE PL 8089 NORTH YORK; SIGNET DR PL 5965 NORTH YORK; 1 FT RESERVE PL 5965 NORTH YORK N LIMIT SIGNET DR; SIGNET DR PL 7593 NORTH YORK; BLK G PL 7593 NORTH YORK; PT LT 21 CON 5 WYS TWP OF YORK AS IN NY346676; BEING SI	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5299	102960349			PT LT 21, CON. 5, WYS TWP OF YORK, DESIGNATED AS PT 1, PL 66R20880, NORTH YORK, CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One
WTFN5300	102960350			PT LT 21, CON. 5, TWP OF YORK, AS IN NY31747, BEING E OF 64BA814 & W OF HIGHWAY 400, EXCEPT PT 1, PL 64R9329, PTS 1 & 3, PL 64R8180 & PT 1, PL 66R20880; S/T TB144235; NORTH YORK, CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-tructure Ontario
WTFN5303	102960211			RDAL BTN LOTS 20 & 21 CON 5 WYS NORTH YORK;	TORONTO	Refer to table 3-1	MTO

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				PT LT 20-21 CON 5 WYS TWP OF YORK PL6402, PL6361, PL8144, PL6119, PT 3 PL8115, PARTS 1, 2 PL8197, AS IN NY389616; PT E1/2 LT 22 CON 5 WYS TWP OF YORK PL6119; PT W1/2 LT 22 CON 5 WYS TWP OF YORK; PT LT 23-25 CON 5 WYS TWP OF YORK PL6119, PT 1 PL8474; BLK D PL 5965 NORTH YORK; PT BLK M, O, P PL 6320 NORTH YORK PT 1 PL8177, PARTS 1, 2 PL8115, PL6401, PL6400; PT WID PL 6320 NORTH YORK PL6432; BLK O PL 8089 NORTH YORK ; BEING HIGHWAY 400 BTN STEELES AV W AND THE SLY LIMIT OF RS848; TORONTO (N YORK) , CITY OF TORONTO			
WTFN5305	102960148			PT LT 21 CON 5 WYS TWP OF YORK AS IN NY31701; BEING E OF HIGHWAY 400, W OF 64BA1778, N OF PT 2, 66M13301 AND S OF BLK K PL6320; S/T NY760550, TB144235; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN5309	102830649			NORFINCH DR PL 6320 NORTH YORK EXCEPT NY591352; BLK L PL 6320 NORTH YORK BEING 1 FT RESERVE ABUTTING N LIMIT OF NORFINCH DR; PT BLK O PL 6320 NORTH YORK AS IN NY642556 (SCHEDULE A); PT LT 21 CON 5 WYS TWP OF YORK AS IN NY642556 (SCHEDULE B) & NY382015 BEI	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5311	102830645			PT LT 21 CON 5 WYS TWP OF YORK AS IN NY31701 EXCEPT PTS 1-22, 64R11231, PTS 1-3, 64R9508, NY378159, NY385297, NY416530; S/T NY226820 AMENDED BY NY541141A; S/T NY760550, TB144235, TB802836; EXCEPT NY122246, TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN5313	102830637			PT PCL PLAN-2 SEC M1994, BLK 4 & PT BLK 3 PLAN 66M1994 PTS 11-14 66R15013; S/T EASEMENT OVER PARTS 12 AND 13, PLAN 66R15013 AS SET OUT IN NY592560; TWP OF YORK/NORTH YORK, CITY OF TORONTO	TORONTO	Refer to table 3-1	Railroad (Surplus Lands)
WTFN5314	102830636			PCL BLK 2-2 SEC M1994, PT BLKS 2 & 5 PLAN 66M1994 PTS 9 & 10 PLAN 66R15013 TWP OF YORK/NORTH YORK , CITY OF TORONTO	TORONTO	Refer to table 3-1	Railroad (Surplus Lands)
WTFN5316	102830658			PT LT 21 CON 5 WYS TWP OF YORK PT 10-18, 22, 64R11231; YORK GATE	TORONTO	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				BLVD PL 6530 NORTH YORK LYING N OF 64R11231 BEING YORK GATE BLVD; S/T NY760550, TB144235; TORONTO (N YORK) , CITY OF TORONTO			
WTFN5319	102830643			PT LT 21 CON 5 WYS TWP OF YORK PT 1-9, 64R11231 BEING YORK GATE BLVD CLOSED BY TB480735; S/T NY226820 AMENDED BY NY541141A; S/T TB490212, TB704408; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Surplus Lands)
WTFN5320	102830644			PT LT 21 CON 5 WYS TWP OF YORK PTS 1, 2 & 3, 64R9508; S/T NY226820 AMENDED BY NY541141A; S/T NY760550, TB144235, TB802836; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN5321	102830642			PT LT 21 CON 5 WYS TWP OF YORK AS IN NY378159 EXCEPT NY385297; S/T NY378159E; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	LDC
WTFN5324	102590224			RDAL BTN CONS 4 & 5 WYS TWP OF YORK; WID PL 6530 NORTH YORK; PT LT 21 CON 4 WYS TWP OF YORK AS IN NY410206, NY410207, NY416530 (FIRSTLY); PT LT 21 CON 5 WYS TWP OF YORK AS IN NY393906, NY416530 (SECONDLY), S/T NY416530, S/T NY416530 IF ANY; BEING JANE ST	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5326	116100000				TORONTO	Temporary Agreement	Private

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
WTFN5327	102590079			PT LT 21 CON 4 WYS TWP OF YORK AS IN NY32163 W OF DRIFTWOOD AV, S/T NY434029; S/T NY760550, TB144235, TB802836; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN5330	102590214			PT LT 21 CON 4 WYS TWP OF YORK AS IN NY431184; BEING DRIFTWOOD AV BTN BLK H PLM1004 & LT 3 PLM1004; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5363	102590078			PT LT 21 CON 4 WYS TWP OF YORK AS IN NY32163 E OF DRIFTWOOD AV, S/T NY434029; S/T NY760550, TB144235, TB802836; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN5366	102450062			PT LT 21 CON 4 WYS TWP OF YORK AS IN NY431184 (SECONDLY) BEING TOBERMORY DR BTN N LIMIT BLK M PL M1004 & S LIMIT BLK E PL M1004; S/T NY22682 AMENDED BY NY541141A,S/T NY431184; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5369	102450057			PT LT 21 CON 4 WYS TWP OF YORK AS IN NY34886, NY32754, NY32163, NY31923 BTN TOBERMORY DR & SENTINEL RD; S/T NY226820 AMENDED BY NY541141A,S/T NY434029; S/T NY430646, NY760550, TB144235, TB802836;	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				TORONTO (N YORK) , CITY OF TORONTO			
WTFN5533	074240152			PT LT 21 CON 2 FTH ETOBICOKE AS IN TB192679; S/T EB223258; TORONTO (ETOBICOKE) ; CITY OF TORONTO	TORONTO	Temporary Agreement	Private
WTFN5667	073390060			PT OF TORBOLTON DR PLAN 4645 LYING N OF THE N LIMIT OF LEDUC DR PLAN 4645 ETOBICOKE , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5732	073250367			PT ALBION RD PT LTS 30 & 31, CON B FRONTING THE HUMBER BEING WESTON RD AKA BANKFIELD DR CONFIRMED APRIL 21, 1821 BY QUARTER SESSIONS COURT LYING SW OF LINE PRODUCED S FROM S CORNER PT 1, 66R6895 TO N CORNER PT 1, EXPROP PLAN 9204 AND N OF E PRODUCTION OF N LIMIT PT 11, 64R1775 TO A POINT WHERE IT INTERSECTS W LIMIT PT 2, 64R1775; PT LT 31, CON B FRONTING THE HUMBER, PT 1, EXPROP PLAN 9204 , 2NDLY: PT ALBION RD(FORMERLY WESTON RD AKA BANKFIELD DR CONFIRMED APRIL 21, 1821 BY QUARTER SESSIONS COURT) PT LT 31 CON B FRONTING THE HUMBER, PT 10, 64R1775 STOPPED UP AND CLOSED BY	TORONTO	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				TB308098 ETOBICOKE , CITY OF TORONTO			
WTFN5774	103100728			PCL 12976, SEC WEST YORK VEROBEACH BLVD PLAN 66M715 TWP OF YORK/NORTH YORK , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN5802	102960129			PARCEL 8-1, SECTION M2240 LOT 8, PLAN 66M2240, SUBJ TO EASE FORMERLY AS PT 4, 66R15095 AS IN TB347599; SUBJ TO EASE FORMERLY PT 3, PL 66R15095 AS IN TB360271. DESCRIPTION AMENDED 2000/07/04 BY A. KHODABOC US;NORTH YORK. PLAN NO. AMENDED 95/3/6 BY K. MASSAROTTO , CITY OF TORONTO	TORONTO	Temporary Agreement	Private
WTFN5813	102960140			PT LT 21 CON 5 WYS TWP OF YORK PT 1, 64R9329; S/T TB450728; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Temporary Agreement	Private
WTFN6003	102450064			BLOCK B, PLAN 66M1299. CITY OF NORTH YORK S/T AN EASEMENT IN GROSS AS IN AT-845855. CITY OF TORONTO.	TORONTO	Temporary Agreement	Private
WTFN6005	102460014			PT LT 21 CON 4 WYS TWP OF YORK AS IN NY583653 (SCHEDULE A); BEING SENTINEL RD N OF PL M1299; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN6008	102460004			PT LT 21 CON 4 WYS TWP OF YORK AS IN NY378160, NY31923 W OF COLUMBIA GATE; S/T NY226820	TORONTO	Refer to table 3-1	Hydro One/ Infras-tructure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				AMENDED BY NY541141A; S/T NY760550, TB144235; TWP OF YORK/NORTH YORK , CITY OF TORONTO			
WTFN6009	102460016			PT LT 21-22 CON 4 WYS TWP OF YORK AS IN NY585494; BEING COLUMBIA GATE; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN6010	102460037			PART LOT 21 CONCESSION 4 WYS AS IN NY31923 LYING E OF COLUMBIA GATE, EXCEPT NY546626 SAVE AND EXCEPT PART 70 PLAN 66R24686; S/T NY226820 AMENDED BY NY541141A; SUBJECT TO AN EASEMENT AS IN NY760550 SUBJECT TO AN EASEMENT AS IN TB144235 CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario
WTFN6012	101790451			PART W 1/2 LOT 21 CONCESSION 3 WYS. S/T NY226820 AMENDED BY NY541141A. SUBJECT TO AN EASEMENT AS IN TB977306 SUBJECT TO AN EASEMENT AS IN NY574337 SUBJECT TO AN EASEMENT AS IN NY601301 SUBJECT TO AN EASEMENT AS IN NY760550 SUBJECT TO AN EASEMENT AS IN NY774095 SUBJECT TO AN EASEMENT AS IN TB144235 SUBJECT TO AN EASEMENT AS IN TB37881 SUBJECT TO AN EASEMENT AS IN TB992884 SUBJECT TO AN EASEMENT	TORONTO	Refer to table 3-1	Hydro One/ Infras-structure Ontario

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				AS IN TB992885 SUBJECT TO AN EASEMENT AS IN AT1682780 CITY OF TORONTO			
WTFN6015	101790245			PT RDAL BTN CON 3 WYS & CON 4 WYS TWP OF YORK; PT RDAL BTN LOTS 20 & 21 CON 3 WYS TWP OF YORK; PT LT 20 CON 3 WYS TWP OF YORK; PT W1/2 LT 21-22 CON 3 WYS TWP OF YORK; PT LT 23-25 CON 3 WYS TWP OF YORK; PT LT 21-25 CON 4 WYS TWP OF YORK AS IN EXPROP PL 7693 (NY479134) NY409647, NY276240, NY276247, NY276248, NY308743, PARTS 1 & 2 64R5307, PART 1 64R5308, PARTS 1 & 2 RS 317, EXPROP PL 7692 (NY479133) PT RS195, PT 4 64R4616; BEING KEELE ST BTN STEELES AV & FINCH AV; TORONTO (N YORK) , CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN6016	101790445			PART OF THE WEST HALF OF LOT 21 CONCESSION 3, WEST OF YONGE STREET, DESIGNATED AS PART 1 ON PLAN OF EXPROPRIATION AT2289529 CITY OF TORONTO	TORONTO	Refer to table 3-1	Municipal (Public Road)
WTFN6017	101790447			PART LOT 21 CONCESSION 3 WYS DESIGNATED AS PARTS 1, 2, 3, 7, 11, 19, 25, 31, 37, 43, 49, 55, 61, 62, 63, 64, 65, 67 & 68 PLAN 66R- 24686. S/T NY226820 AMENDED BY NY541141A	TORONTO	Refer to table 3-1	Municipal (Public Road)

Parcel ID	PIN	Landowner (Geowarehouse)	Mailing Address	Legal Description	Municipality	Agreement Type	Property Type
				SUBJECT TO AN EASEMENT AS IN NY760550 SUBJECT TO AN EASEMENT AS IN TB144235 SUBJECT TO AN EASEMENT AS IN TB37881 SUBJECT TO AN EASEMENT AS IN AT1682780 CITY OF TORONTO			
WTFN6018	101790452			PART W 1/2 LOT 21 CONCESSION 3 WYS. S/T NY226820 AMENDED BY NY541141A. SUBJECT TO AN EASEMENT AS IN TB977306 SUBJECT TO AN EASEMENT AS IN NY574337 SUBJECT TO AN EASEMENT AS IN NY601301 SUBJECT TO AN EASEMENT AS IN NY760550 SUBJECT TO AN EASEMENT AS IN NY774095 SUBJECT TO AN EASEMENT AS IN TB144235 SUBJECT TO AN EASEMENT AS IN TB37881 SUBJECT TO AN EASEMENT AS IN TB992884 SUBJECT TO AN EASEMENT AS IN TB992885 SUBJECT TO AN EASEMENT AS IN AT1682780 CITY OF TORONTO	TORONTO	Refer to table 3-1	Hydro One/ Infrastructure Ontario
WTFN6019	101790450			PT W1/2 LT 21 CON 3 WYS TWP OF YORK TOGETHER WITH AN EASEMENT OVER PT LT 19 CON 6 WYS TWP OF YORK PARTS 1 TO 14, 66R27808 AS IN AT4554262 CITY OF TORONTO	TORONTO	Refer to table 3-1	Pipeline

## 7. AFFIDAVIT OF TITLE SEARCH

An affidavit of title search attesting to the identification of affected landowners and listing the affected landowners will be completed and filed with the Application once such is directed by the OEB in its letter of direction.

## **EXHIBIT G            INDIGENOUS RELATIONS**

# Waterdown to Finch Project

## Indigenous Consultation Report



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## ACRONYMS AND ABBREVIATIONS

<b>CSA</b>	Canadian Standards Association
<b>ERM</b>	ERM Consultants Canada Ltd.
<b>GTHA</b>	Greater Toronto and Hamilton Area
<b>HCCC/ HDI</b>	Six Nations Haudenosaunee Confederacy Chiefs Council/ Haudenosaunee Development Institute
<b>HONI</b>	Hydro One Network Inc.
<b>HDB</b>	Horizontal directional bore
<b>HDD</b>	Horizontal directional drilling
<b>HWN</b>	Huron-Wendat Nation
<b>IO</b>	Infrastructure Ontario
<b>Imperial</b>	Imperial Oil Limited
<b>INAC</b>	Indigenous and Northern Affairs Canada
<b>LTC</b>	Leave to Construct
<b>MECP</b>	Ministry of Environment, Conservation and Parks
<b>MENDM</b>	Ministry of Energy, Northern Development and Mines
<b>MCFN</b>	Mississaugas of the Credit First Nation
<b>MNO</b>	Métis Nation of Ontario
<b>MNRF</b>	Ministry of Natural Resources and Forestry
<b>MTCS</b>	Ministry of Tourism, Culture and Sport
<b>ROC</b>	Record of Consultation
<b>SNEC</b>	Six Nations Elected Council
<b>SPPL</b>	Sarnia Products Pipeline
<b>TSSA</b>	Technical Standards and Safety Authority
<b>OEB</b>	Ontario Energy Board
<b>OPCC</b>	Ontario Pipeline Coordinating Committee
<b>ROW</b>	Right-of-way

## 1. INTRODUCTION

1. Consultation is the process of identifying interested and potentially affected parties and informing them about the Project, soliciting information about values, local environmental and socio-economic circumstances, and receiving input for consideration in planning and design (OEB 2016). Imperial is committed to meaningful consultation; in addition to informing stakeholders, Imperial employs a two-way communication approach to sharing information, receiving and responding to comments, which ultimately enables it to make informed decisions.
2. Consultation is an integral part of Imperial's *Guiding Principles* (Exhibit G, Tab 1, Schedule 2), and an integral part of planning for the Waterdown to Finch Project (the "Project"). Indigenous consultation for the Project has been guided by the requirements of the OEB's *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 2016, 7th Edition* ("Environmental Guidelines"). In addition, Imperial has followed the guidance of the Ontario Ministry of Energy, Northern Development and Mines ("MENDM") requirements to prepare and submit this Indigenous Consultation Report and associated Record of Consultation ("ROC").
3. This Consultation Report will elaborate on Imperial's approach to consultation, the identification of Indigenous communities that have the potential to be interested in or affected by the Project, consultation activities completed, and provides a summary of key comments and responses.
4. Appendix A includes a reference to the Indigenous ROC Log and supporting documents which are included in Exhibit H Record of Consultation, Tab 2, Schedule 1 – 6 as part of the Application. The Indigenous ROC Log includes details of information shared, comments received and Imperial's responses to the comments.
5. Most importantly, comments received during consultation have been considered during project planning and design to avoid or minimize potential environmental and socio-economic effects, as evidenced in the Key Comments tables ("Key Comments").

### 1.1 Project Description Summary

#### Project Purpose

6. Imperial's Sarnia Products Pipeline ("SPPL") is important infrastructure that provides petroleum products used by households and businesses across the Greater Toronto and Hamilton Area. Products include a significant portion of jet fuel for Toronto Pearson International Airport, as well as gasoline and diesel fuel that keep people, goods and services moving throughout the region. To support continued safe, reliable, and environmentally responsible transportation of products, Imperial is planning to construct and operate approximately 63 km of pipeline between the company's Waterdown Station and Finch Terminal to replace the transportation capabilities of the existing SPPL.

#### Project Description

7. The Project involves installation of approximately 63 km of a new 12-inch diameter pipeline and associated infrastructure between Imperial's Waterdown Station and Finch Terminal.
8. The new pipeline will be constructed following the existing SPPL as closely as possible, in consideration of environmental and social constraints, and other infrastructure and land uses in the area. The existing pipeline is located within an Imperial right-of-way ("ROW") for approximately 18.8 km, and within a ROW managed by Hydro One Networks Inc. ("HONI") for

approximately 43.7 km. New easements will be required on a limited number of private lands and Imperial will be working directly with the affected landowners to obtain these agreements. New easements will also be required within the HONI ROW, and Imperial is working with HONI and Infrastructure Ontario to secure the necessary agreements. Pipelines owned by other operators inside the ROW will continue to operate without disruption.

9. Infrastructure associated with the new pipeline will include new valves and launchers/receivers (infrastructure necessary to launch and receive pipeline inspection tools). Valve mechanism and placement will be in compliance with Technical Standards and Safety Authority ("TSSA") requirements and Canadian Standards Association ("CSA") Z662. A cathodic protection system consisting of rectifier and anode beds will be installed to protect the pipeline from corrosion. Alternating current mitigation will be accomplished by installing zinc ribbon with the pipeline to prevent corrosion.

## 1.2 Purpose of the Consultation Report<sup>1</sup>

10. An Indigenous Consultation Report is required to be prepared and submitted to the Ontario Pipeline Coordinating Committee ("OPCC") to support the Leave to Construct ("LTC") application as stipulated in:
  - Section 3.3 of the OEB Environmental Guidelines;
  - OEB staff email of July 27, 2018 (Appendix H, Tab 1, Schedule 1, Internal Rec. No. 469);
  - MENDM's letter ("Delegation Letter") of Sept. 10, 2018 (Exhibit G, Tab 2, Schedule 1);
11. MENDM identifies the purpose of the Consultation Report is to:
  - document consultation in order for the MENDM to determine if the consultation activities undertaken by the project proponent fulfill the requirements outlined within the *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 2016* and any delegated procedural aspects; and
  - provide a record of comments and information received through consultation and document how these comments were considered, including whether the Project was modified as a result of these comments.
12. The intent of this Consultation Report is to describe Imperial's approach to consultation, including how it has addressed the Crown's requirements, outline consultation activities undertaken to date and identify how consultation has influenced the project planning and design.

## 1.3 Imperial's Guiding Principles

13. Imperial conducts its business in a manner that respects the land, environment, rights and cultures of indigenous communities, in accordance with the laws of Canada and corporate policies and guidelines that underlie the company's demonstrated commitment to ethics, equity, environment and safety.
14. In areas where Imperial operates, Indigenous communities are engaged through consultation, employment and business development and educational program investments.
15. Imperial endeavors to understand Indigenous perspectives on issues of mutual interest, to deal constructively with differing viewpoints and to engage Indigenous communities and their

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<sup>1</sup> Consistent with the Ontario Energy Board Environmental Guidelines and the Ministry of Energy Northern Development of Mines guidance, the words "consultation" and "consultation activities" are used throughout this document.

representatives in open and forthright consultation. Imperial maintains an open and ongoing dialogue about the Project with Indigenous leaders, community members and their designated representatives by:

- respecting traditional practices, decision-making processes, cultural activities and language;
- respecting the legal rights of Indigenous peoples as well as the Crown's direction on the duty to consult;
- ensuring timely discussions when activities have the potential to impact communities;
- treating all parties fairly and equitably; and
- providing appropriate responses to comments and concerns in a timely manner.

16. Imperial supports communities in areas where it explores, develops and operates, and strives to establish meaningful relationships built on mutual trust and respect. Additional details on its corporate guiding principles and guidelines are attached in Exhibit G, Tab 1, Schedule 2 and online at [www.imperialoil.ca/en-ca/community/indigenous-engagement](http://www.imperialoil.ca/en-ca/community/indigenous-engagement).

#### **1.4 Crown's Direction**

17. In addition to Imperial's commitment to Indigenous relations, the company's approach to consultation has been guided by the requirements and expectations of the Crown.
18. The MENDM provided a Delegation Letter dated Sept. 10, 2018, delegating the procedural aspect of consultation to Imperial. While the Crown has a constitutional duty to consult, and where appropriate, accommodate First Nation and Métis communities, the Crown may delegate the day-to-day, procedural aspects of consultation to project proponents.

#### **1.5 Approach to Engagement and Consultation**

19. Following the Crown's direction (Exhibit G, Tab 2, Schedule 1) and Imperial's guiding principles (Exhibit G, Tab 1, Schedule 2), Imperial's approach to consultation is proactive and flexible, based on the unique preferences of each community. Identified communities have participated in and influenced consultation methods and activities.
20. Imperial takes reasonable steps to foster positive relationships with the First Nation communities and has maintained a ROC, as required by the MENDM, describing activities carried out as part of the delegated procedural aspects of consultation. Additionally, Imperial bears the reasonable costs associated with the procedural aspects of consultation.
21. Imperial's approach to engagement and consultation has included meetings with Indigenous communities to share the information required for communities to understand and assess the potential impacts on rights and responding to questions and concerns raised by Indigenous communities.

## 2. IDENTIFICATION OF FIRST NATION AND MÉTIS COMMUNITIES

22. The identification of Indigenous communities that have the potential to be interested in or affected by the Project was based on the following considerations:
- proximity to the Project and likelihood of being directly affected by project activities;
  - review of historical treaty maps;
  - communities who have demonstrated interest in other projects or developments in the region of the Project;
  - in-person discussions with the identified communities;
  - institutional knowledge of Imperial and ERM staff based on previous experience and operations in the area; and
  - direction from MENDM and Ontario Ministry of Tourism, Culture and Sport (“MTCS”).
23. As described above, formal direction on which communities Imperial was delegated the procedural aspects of consultation was provided by the MENDM. Imperial has followed the Crown’s direction by initiating and continuing consultation efforts for the Project.

### 2.1 Crown’s Direction on the Duty to Consult

24. On May 23, 2018, Imperial sent a letter to the MENDM (formerly the Ministry of Energy) to provide notification of the Project (Exhibit G, Tab 1, Schedule 3). In addition to serving as formal notification of the Project in accordance with the Environmental Guidelines issued by the OEB, Imperial requested that the MENDM provide direction on the duty to consult obligation for the Project.
25. MENDM provided a response Delegation Letter dated Sept. 10, 2018 delegating the procedural aspect of consultation to Imperial (Exhibit G, Tab 2 Schedule 1). The Delegation Letter indicated that while the Crown has a constitutional duty to consult and, where appropriate, accommodate First Nation and Métis communities, procedural aspects of consultation were delegated to Imperial for:
- Huron-Wendat Nation (“Huron-Wendat”);
  - Mississaugas of the Credit First Nation (“MCFN”); and
  - Six Nations of the Grand River (“Six Nations”):
    - Required to consult Six Nations Elected Council;
    - Required to consult the Haudenosaunee Confederacy Chiefs Council (“HCCC”), with a copy of correspondence to the Haudenosaunee Development Institute (“HDI”).
26. On Sept. 25 and 27, 2018, following the Delegation Letter date Sept. 10, 2018, MENDM notified Huron-Wendat, MCFN, Six Nations and HCCC/HDI that MENDM, on behalf of Ontario, had delegated the procedural aspects of consultation to Imperial.

### 2.2 Meeting the Crown’s Direction

27. Based on the Crown’s direction from MENDM, which is outlined above, Imperial is consulting with Huron-Wendat, MCFN, Six Nations, and Six Nations - HCCC/HDI.
28. In addition, while the Métis Nation of Ontario (“MNO”) was not listed in the MENDM’s Delegation Letter, Imperial identified MNO as an Indigenous community to be informed of the Project for engagement and MNO was provided notification.

### 3. CONSULTATION ACTIVITIES

29. This Consultation Report consists of records from the period covering project notification to the end of January 2019,<sup>2</sup> representing the project information shared and comments received during the pre-application filing period.
30. Imperial has conducted the following consultation activities:
- notified Indigenous communities early and often throughout the regulatory process;
  - provided project information, including project descriptions, timelines and maps; explained regulatory and approval processes that apply to the Project;
    - Exhibit G, Tab 3, Schedules 1 – 5
  - participated in and offered to host community information events;
    - Exhibit G, Tab 3, Schedule 2
  - enabled the participation of Indigenous field monitors for archaeological and environmental field studies and provided capacity funding to facilitate participation;
  - involved communities in archaeological assessment planning and shared archaeology assessment findings and draft reports – provision of draft Stage 1 Archaeological Assessment report for review and comment;
  - provided the draft Environmental Report for review and comment;
  - invited communities to attend public Community Information Sessions for the project; and
  - Invited communities to participate in a tour of an Emergency Response Exercise.
31. Where communities have responded to Imperial's request for information, key comments are included in the Key Comments tables.
32. Throughout consultation, Imperial has been clear that it will work to ensure feedback, comments, and concerns can be raised by the communities at any time for consideration and response by Imperial and that process is not dependent on the OEB's defined regulatory consultation periods. That said, communities have been made aware of the regulatory timelines and that key comments will be considered in regulatory submissions, as timelines allow.
33. The following sections describe the consultation with each identified community for the Project. Each section includes an introductory community profile, a description of consultation activities and a summary of key comments received that helped inform and influence the project planning and design. Detailed consultation records with each community are provided in the ROC Log (Appendix A – Exhibit H, Tab 2, Schedule 1).
34. Additionally, the Key Comments tables presented for each community summarize the key comments received during consultation and describe the response or action taken relating to each comment made by the communities, including whether and how the project was altered to reflect comments from the communities and the rationale behind any proposed mitigation measure(s) to address environmental effects; any information from the communities about their Aboriginal and Treaty rights and any information on potential impacts to those rights; and any

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<sup>2</sup> The ROC included a few records that occurred during the first week of February 2019 in order to capture evidence of the transmittal (e-copy and hardcopy versions) of the draft Environment Report to Indigenous communities.

- information from the communities regarding measures for avoiding, minimizing or mitigating those potential impacts.
35. Key comments were identified based on a community explicitly indicating a level of concern or importance regarding a comment or Imperial's understanding that the comment carried concern or importance for the community. Key comments focus on the Project's potential effects.
36. The associated Exhibit H - ROC Log record number (Internal Rec. No.) is identified for each key comment and response in the tables.
37. As new information arises throughout the consultation process, Imperial will consider the information received and incorporate changes into project design, as appropriate. It is anticipated that information collected may result in changes to Project design to accommodate key comments raised, as appropriate and in building positive relationships with communities in the project area, which will lead to better communication of ideas and ways of collaborating in the future.
38. If archaeological artifacts are discovered, Imperial will follow the appropriate process to notify the Ministry of Tourism, Culture and Sport.

### **3.1 Mississaugas of the Credit First Nation**

39. The ancestors of MCFN occupied the lands north of Lake Superior and the area around Georgian Bay. The ancestors of MCFN lived on the land and moved about the landscape harvesting resources as they became available and migrated into southern Ontario (MCFN, 2018).
40. MCFN traditional territory is described as commencing at Long Point on Lake Erie thence eastward along the shore of the Lake to the Niagara River, down the River to Lake Ontario, northward along the shore of the Lake to the River Rouge east of Toronto, up that river to the dividing ridges to the head waters of the River Thames and southward to Long Point (MCFN, 2018).
41. MCFN's current First Nation territory is located near Hagersville, Ontario, approximately 16 km south-southeast of Brantford, Ontario (MCFN, 2018).
42. The total registered population of MCFN is approximately 2,523 people living on and off reserve (INAC 2018).
43. MCFN has the following departments to administer and provide services for the community: Administration, Department of Consultation and Accommodation, Education, Children's Services, Employment and Training, Public Works, Social and Health Services, Sustainable Economic Development, Housing, and Media and Communications (MCFN, 2018).

### **Consultation Activities**

44. To date, MCFN and Imperial have had numerous interactions, including meetings, phone calls and emails. In an effort to provide the most important details of consultation to date in the body of this Consultation Report, the summary below identifies important interactions chronologically and provides a short description of those interactions. Additionally, the summary identifies other key outcomes of consultation to date. The ROC Log provided in Appendix A provides the full details for every interaction to date.
45. On May 11, 2018, Imperial and MCFN met to introduce the Project team and to provide an overview of the Project to MCFN. Project details provided to MCFN at the meeting are included in ROC Log provided in Appendix A.

46. On May 22, 2018, Imperial provided a project notification letter to MCFN.
47. On Jun. 15, 2018, MCFN hosted a community proponent open house event. The purpose was to introduce community members to the invited companies and local municipalities and their respective projects and initiatives in the region. The Imperial Project team attended and brought materials to explain the Project and answered community member questions in a one-on-one setting. Key comments received during this activity are presented in the Key Comments table.
48. On Jul. 19, 2018, the Imperial Project team met with MCFN's Archaeological Operations Supervisor and Field Archaeologist to introduce MCFN to Imperial's licensed archaeological consultant ("Past Recovery"). Past Recovery provided an overview of the firm and archaeological experience, including experience working with Ontario communities. The meeting purpose was to discuss archaeological assessment planning. Imperial provided an overview of the archaeological assessment planning and confirmed that reporting will be shared with the communities and the communities are invited to provide feedback and input. Additionally, field monitors will be invited to participate in the archaeological field work.
49. On Sept. 25, 2018, MENDM provided a notification letter to MCFN that the Ministry has delegated procedural aspects of consultation to Imperial in relation to the Project. The Ministry encouraged representatives from MCFN to participate in efforts made by Imperial to consult the communities, to receive information on the Project, and to understand if there are any potential impacts on Aboriginal or treaty rights.
50. On Nov. 13, 2018, Imperial and MCFN held a teleconference call to discuss MCFN's Stage 1 Archaeological Assessment comments and to seek feedback on the field monitors program.
51. MCFN field monitors have participated in environmental, archaeological and geotechnical borehole investigation environmental compliance inspections field work. Imperial provided capacity funding to facilitate this participation. Field monitor participation included participation in all aspects of the field work. To date, MCFN field monitors have participated in an estimate of 129 total person field survey days for the Project. MCFN has stated that the field monitor program has been a positive experience for the monitors. MCFN and Imperial collaborated to improve logistics coordination for the field work. MCFN will participate in future field work.
52. MCFN provided a response to their review of the draft Stage 1 Archaeological Assessment report. Key comments from MCFN's response are captured in the Key Comments table.
53. A summary of key comments received from MCFN and Imperial's responses is included in the MCFN Key Comments table below.

**Table 3.1-1: MCFN Key Comments Table**

Topic	Key Comments	Responses
Field Liaison Representatives (Field Monitors)	Request for participation of Indigenous field liaison representatives ("FLR") during fieldwork surveys. (Internal Rec. No. 77)	Imperial worked with each community to enable the participation of field liaison representatives. Imperial provided capacity funding to facilitate the participation. (Internal Rec. Nos. 77, 115)
Archaeological Assessment	Request for input into archaeological assessments for Project. (Internal Rec. No. 77)	Imperial involved MCFN in environmental, archaeological assessment, and environmental compliance surveys. (Internal Rec. Nos. 115 and various)

Topic	Key Comments	Responses
Accidents and Malfunctions – Spills	Request for further information related to potential spills and emergency response. (Internal Rec. No. 449)	Imperial takes proactive safety measures to prevent spills. Imperial has a robust Emergency Response Plan. Regulations and government oversight dictate how Imperial prepares for and responds to a potential pipeline spill. Imperial would be responsible for cleaning up and mitigating damages. Imperial has proactive safety measures: Imperial uses in-line inspection tools, which are sent from one side of the line to the other and measures the inside diameter of the pipeline and assesses the integrity of the line. Imperial flies the line every week; portions that cannot be flown are ground patrolled. Entire line walked in a periodic frequency. Line is monitored 24 hours a day, 365 days a year. In the unlikely event of a spill, the line will be shut down immediately. Imperial would implement the Emergency Response Plan, evaluate the hazards and risks, protect property, protect waterways and wildlife, coordinate the emergency response, and clean up the site. (Internal Rec. No. 449)
Archaeological Assessment	Request for review of the Stage 1 Archaeological Assessment report. (Internal Rec. No. 448)	Imperial provided the Stage 1 Archaeological Assessment report to each community for review in advance of submission to the MTCS. (Internal Rec. No. 474)
Traditional Territory	MCFN commented that the Project is within MCFN's traditional territory. (Internal Rec. No. 681)	Imperial reiterated its recognition that the Parsons site is within shared traditional territory and fully understood that MCFN would participate in field work and monitoring and be consulted on mitigation strategies related to the site. Imperial agreed to modify the wording in the draft Stage 1 report to more clearly reflect MCFN's assertions on its traditional territory. (Internal Rec. No. 681)
Archaeological Assessment	MCFN asked if all access routes and temporary work spaces are included in the current study area or are these yet to be determined as part of the Stage 2 work. (Internal Rec. Nos. 568 and 681)	Imperial responded that most of the temporary work spaces and access routes relate to the placement of the horizontal directional drilling (HDD) and horizontal directional boring (HDB) path. If access routes and temporary work spaces are added or altered, the project study area will be amended as necessary so that the archaeological assessment includes the full project footprint and areas determined to have archaeological potential will be subject to further archaeological assessment. (Internal Rec. No. 681)

Topic	Key Comments	Responses
Archaeological Assessment	MCFN requested that the draft Stage 1 Archaeological Assessment report be redacted to protect the identification of mapped archaeological sites if the report is made publicly available. (Internal Rec. No. 568)	Imperial noted it will submit an appropriately redacted version of the Stage 1 Archaeological Assessment report to MTCS to ensure that sensitive information is not made public. A hardcopy confidential version of the Stage 1 Archaeological Assessment report is also provided to MTCS (Internal Rec. No.681)
HDD	MCFN asked if HDD will be used at crossings to avoid impacts to major waterways. (Internal Rec. No. 77)	Imperial explained that work is being planned to avoid, minimize and mitigate construction impacts as much possible for roadways and water crossings, including the use of HDD and HDB in these areas. (Internal Rec. No. 77)
Archaeological Assessment	MCFN shared the MCFN Standards and Guidelines for Archaeology. (Internal Rec. No. 77)	Imperial provided the MCFN Standards and Guidelines for Archaeology to Imperial's licensed archaeological consultant for consideration. (Internal Rec. No. 77)
HDD	After Imperial shared with MCFN the planned HDD paths for the Project, MCFN requested additional mapping of the planned HDD paths with a list of all HDD locations depicted so that MCFN can review the locations from an archaeological and waterway perspective. (Internal Rec. No. 681)	Imperial provided the planned HDD paths map and GIS shapefiles to MCFN. (Internal Rec. No. 644)

54. As per MCFN's preference, Imperial will continue to consult with MCFN on an ongoing basis. MCFN would like to be notified, in advance, of project changes and submissions. Imperial will maintain regular and frequent communication with MCFN designated representatives and will provide updates as the Project progresses. Consultation on the Project will continue to be in good faith and will be ongoing from pre-filing, filing of the Leave to Construct application and through to approval, construction and execution of the Project.

### 3.2 Six Nations of the Grand River

55. Six Nations consist of the six Iroquois nations of Mohawk, Oneida, Cayuga, Seneca, Onondaga and Tuscarora. Six Nations' current territory is bounded by Brant County, Haldimand County, Norfolk County, and to the north, MCFN. Six Nation village of Ohsweken, Ontario, is approximately 8 km south-southeast of Brantford, Ontario (Six Nations, 2018).
56. According to Six Nation's Lands and Membership Department, the total registered band membership of Six Nations as of December 2013 is 25,660, with approximately half living on reserve (Six Nations, 2018).
57. Six Nations has the following departments to administer and provide services for the community: Administration, Lands and Resources, Health Services, Fire, IT, Finance, Public Works, Social Services, Parks and Recreation, Ontario Works, Development Corporation and Lands/Membership (Six Nations, 2018).

## Consultation Activities

58. To date, Six Nations and Imperial have had numerous interactions, including meetings, phone calls and emails. In an effort to provide the most important details of consultation to date in the body of this Consultation Report, the summary below identifies important interactions chronologically and provides a short description of those interactions. Additionally, the summary identifies other key outcomes of consultation to date. The ROC Log provided in Appendix A provides the full details for every interaction to date.
59. On May 22, 2018, Imperial provided a project notification letter to Six Nations.
60. On Jun. 15, 2018, Imperial and Six Nations Lands and Resources and the Wildlife Department staff met in Ohsweken, Ontario. The purpose of the meeting was to introduce the Project team, provide an overview of the Project and to discuss the planned archaeological assessment field work. Project details provided to Six Nations at the meeting are included in the ROC Log provided in Appendix A.
61. On Jul. 19, 2018, a follow-up meeting was held. Imperial reviewed the project details. Past Recovery provided an overview of the firm and their archaeological experience in Ontario and with communities. Imperial provided an overview of the archaeological assessment planning and confirmed that reporting will be shared with the communities and the communities are invited to provide feedback and input. Additionally, field monitors will be invited to participate in the archaeological field work.
62. On Sept. 25, 2018, the MENDM provided a notification letter to Six Nations that the Ministry has delegated procedural aspects of consultation to Imperial in relation to the Project. MENDM encouraged representatives from Six Nations to participate in efforts made by Imperial to consult the communities, to receive information on the Project, and to understand if there are any potential impacts on Aboriginal or treaty rights.
63. On Nov. 13, 2018, Imperial and Six Nations met in Ohsweken, Ontario. The purpose of the meeting was to solicit Six Nations' feedback on the draft Stage 1 Archaeological Assessment report; discuss feedback on the field monitor program; share information on what the Imperial Project team has heard from external stakeholders; discuss the LTC regulatory process and timelines; and discuss ongoing Six Nation consultation expectations.
64. Six Nations field monitors have participated in environmental, archaeological and geotechnical borehole investigation environmental compliance inspections field work. Imperial provided capacity funding to facilitate this participation. Field monitor participation included participation in all aspects of the field work. To date, Six Nations field monitors have participated in an estimate of 41 total person field survey days for the Project. Six Nations has stated that the field monitor program has been a positive experience for the monitors. Six Nations and Imperial collaborated to improve logistics coordination for the field work. Six Nations will participate in future field work.
65. Six Nations did not provide a response to the draft Stage 1 Archaeological Assessment report.
66. A summary of key comments received from Six Nations and Imperial's responses is included in the Six Nations Key Comments table below.

**Table 3.2-1: Six Nations Key Comments Table**

Topic	Key Comments	Responses
Field Monitors	Request for participation of Indigenous field monitors during fieldwork surveys. (Internal Rec. No. 76)	Imperial worked with each community to enable the participation of field liaison representatives. Imperial provided capacity funding to facilitate the participation. (Internal Rec. No. 451 and various)
Accidents and Malfunctions - Spills	Request for further information related to potential spills and emergency response. (Internal Rec. No. 637)	<p>Imperial takes proactive safety measures to prevent spills. Imperial has a robust Emergency Response Plan. Regulations and government oversight dictate how Imperial prepares for and responds to a potential pipeline spill. Imperial would be responsible for cleaning up and mitigating damages.</p> <p>Imperial has proactive safety measures:</p> <ul style="list-style-type: none"> <li>■ Imperial uses in-line inspection tools, which are sent from one side of the line to the other and measures the inside diameter of the pipeline and assesses the integrity of the line.</li> <li>■ Imperial flies the line every week; portions that cannot be flown are ground patrolled.</li> <li>■ Entire line walked in a periodic frequency.</li> <li>■ Line is monitored 24 hours a day, 365 days a year.</li> </ul> <p>In the unlikely event of a spill, the line will be shut down immediately. Imperial would implement the Emergency Response Plan, evaluate the hazards and risks, protect property, protect waterways and wildlife, coordinate the emergency response, and clean up the site. (Internal Rec. No. 637)</p>
Archaeological Assessment	Request to meet with the licenced archaeologist engaged by Imperial for the work since Six Nations have not previously worked with this firm. (Internal Rec. No. 76)	Imperial met with Six Nations to introduce Past Recovery, the licenced archaeologists working on the Project. The licenced archaeologist has experience in southern Ontario and has worked with Indigenous communities. Shared archaeological assessment methods and plans that conform to MTCS requirements. Shared Project information on upcoming Stage 2 Archaeological Assessment fieldwork. (Internal Rec. No. 450)
Fish and Fish Habitat	Requested information on the Project's potential effects on fish and fish habitat. (Internal Rec. No. 76)	<p>The pipeline will be installed at major watercourse crossings using trenchless construction methods to avoid in-water work and avoid impacts to fish and fish habitat.</p> <p>There will be agency regulatory oversight of proposed watercourse crossings activities.</p> <p>Fish habitat assessments have informed whether or not in-water work during construction</p>

Topic	Key Comments	Responses
		will need to avoid the timing of sensitive fish life stages. Construction disturbance (vegetation clearing and grading) will be limited at watercourses and riparian areas, and reclamation measures will re-establish riparian vegetation. (Internal Rec. No. 450)
Wildlife	Noted that some community members participate in hunting activities in southern Ontario. (Internal Rec. No. 76)	Six Nations Field Monitors are involved in fieldwork and it is Imperial's understanding that Field Monitors are able to report to Six Nations Lands and Resources/Wildlife Management Office if traditionally used wildlife species are encountered. To date, no comments have been relayed to Imperial regarding traditional use wildlife species. In addition, Imperial has shared the draft Environmental Report with Six Nations for their review. (Internal Rec. No. 777)
Traditional Use	Noted traditional use and collection of medicinal plants in southern Ontario. Six Nations commented that traditional knowledge locations would be kept within the community and not shared. The Field Monitors would have a role to report back to Six Nations Lands office in the event of locating traditional knowledge (e.g., medicinal plants) along the areas of interest to Six Nations. (Internal Rec. No. 76 and 450)	Six Nations Field Monitors are involved in fieldwork and it is Imperial's understanding that Field Monitors are able to report to Six Nations Lands and Resources/Wildlife Management Office if traditionally used medicinal plants are encountered. To date, no comments have been relayed to Imperial regarding traditional use medicinal plants. (Internal Rec. No. 76, 450, 637)
	Six Nations identified pipeline safety and spill prevention, trenchless and trenched construction methods and wildlife sightings as areas of interest. (Internal Rec. No. 637)	Imperial provided mapping and GIS shapefiles relevant to trenchless and trenched construction to Six Nations. (Internal Rec. No. 643)

67. As per Six Nations' preference, Imperial will provide notification to Six Nations when Imperial files the LTC application to the OEB. Additionally, Imperial will maintain regular and frequent communication with Six Nations and will provide project updates as new information becomes available. Consultation on the Project will continue to be in good faith and will be ongoing from pre-filing, filing of the LTC application and through to approval, construction and execution of the Project.

### 3.3 Six Nations – Haudenosaunee Confederacy Chiefs Council/ Haudenosaunee Development Institute

68. Haudenosaunee means the people of the long house. The HCCC is made up of the Mohawks, Oneidas, Onondagas, Cayugas, and Senecas (HCCC/HDI, 2018). According to the HDI website, the HCCC has legislated the HDI to represent HCCC interests in the development of lands within areas of Haudenosaunee jurisdiction (HCCC/HDI 2018).

## Consultation Activities

69. To date, HCCC/HDI and Imperial have had numerous interactions, including meetings, phone calls and emails. In an effort to provide the most important details of consultation to date in the body of this Consultation Report, the summary below identifies important interactions chronologically and provides a short description of those interactions. Additionally, the summary identifies other key outcomes of consultation to date. The ROC Log provided in Appendix A provides the full details for every interaction to date.
70. On Jun. 29 and Jul. 5, 2018, Imperial exchanged email correspondence with HCCC/HDI through HCCC/HDI's general inquiries email inbox to initiate engagement and consultation.
71. On Jul. 19, 2018, to begin initial discussions with HCCC/HDI and as a sign of good faith, a draft field monitoring agreement was provided to HCCC/HDI for review.
72. On Aug. 15, 2018, the Imperial Project team met with HCCC/HDI representatives at Ohsweken, Ontario. The purpose of the meeting was to introduce the Project team, to provide an overview of the Project and to discuss HCCC/HDI's interests regarding the Project. HDI shared details regarding its engagement process. A copy of the project overview presentation was left with HCCC/HDI representatives. Project details provided to HCCC/HDI at the meeting are included in ROC Log provided in Appendix A.
73. On Sept. 17, 2018, HCCC/HDI emailed the Imperial Project team and expressed concern that Imperial is conducting archaeological assessment on Haudenosaunee asserted 1701 Nanfan treaty lands near Ontario Highway 5. HCCC/HDI representative asked Imperial and field crews to cease work and engage HCCC/HDI. On Sept. 18, 2018, Imperial confirmed that it has accommodated HCCC/HDI's request and temporarily suspended the archaeology assessment field work. Imperial confirmed that it had made arrangements to delay archaeology work specific to the Project, as requested, until Sept. 26, 2018 to accommodate the request.
74. On Sept. 20, 2018, Imperial provided HCCC/HDI with a formal letter to engage, including the requested project information sought in HCCC/HDI's development application and a project location map. In addition, Imperial indicated that it received a Delegation Letter dated Sept. 10, 2018, from the MENDM informing Imperial that the Ministry has formally delegated the procedural aspects of the Crown's duty to consult to Imperial.
75. On Sept. 25, 2018, MENDM provided a notification letter to HCCC/HDI that the Ministry has delegated procedural aspects of consultation to Imperial in relation to the Project. The Ministry encouraged representatives from HCCC/HDI to participate in efforts made by Imperial to consult the communities to receive information on the Project and to understand if there are any potential impacts on Aboriginal or treaty rights.
76. On Oct. 25, 2018, the Imperial Project team members and HCCC/HDI representatives met in Ohsweken, Ontario. HCCC/HDI outlined concerns regarding the delegation of the procedural aspects of consultation by MENDM and Imperial encouraged contact with the MENDM concerning the Crown's delegation of procedural aspects of the duty to consult.
77. On Nov. 5, 2018, HDI's legal counsel sent a letter to Imperial asserting that receipt of Imperial's letter of Sept. 20, 2018, was the first notification received in relation to the Project. The letter asserted that the Crown, specifically the MENDM, has not provided notification and there is concern about the honour of the Crown and delegation of consultation. Additionally, HCCC/HDI raised concerns that the Ontario Archaeological Standards and Guidelines are not being followed and the manner in which archaeological assessment is proceeding does not meet Haudenosaunee requirement.

78. On Dec. 18, 2018, Imperial responded to HCCC/HDI's letter dated Nov. 5, 2018. Imperial stated that its explicit intention is to follow the provincial regulatory processes and guidelines related to obtaining approval for the Project and completing a thorough LTC application for submission to the OEB. Additionally, Imperial stated that it is prepared to meet with HCCC/HDI to discuss 1) presentation of the Project information; 2) Stage 1 Archaeological Assessment report; 3) Stage 2 Archaeological Assessment planning and protocol; 4) field monitoring program review. Imperial encouraged contact with the MENDM concerning the Crown's delegation of procedural aspects of the duty to consult.
79. HCCC/HDI field monitors have participated in environmental, archaeological and geotechnical borehole investigation environmental compliance inspections field work. Imperial provided capacity funding to facilitate this participation. Field monitor participation included participation in all aspects of the field work. To date, HCCC/HDI field monitors have participated in an estimate of 114 total person field survey days for the Project.
80. HCCC/HDI did not provide a response to the draft Stage 1 Archaeological Assessment report.
81. A summary of key comments received from HCCC/HDI and Imperial's responses is included in the HCCC/HDI Key Comments table below.

**Table 3.3-1: HCCC/HDI Key Comments Table**

Topic	Key Comments	Responses
Aboriginal Rights	Concern raised about the Honour of the Crown. Request to the Crown, specifically, MENDM that it has not provided adequate notification in relation to the Project and that the Project would potentially impair, interfere with, and infringe upon Haudenosaunee rights and interests. (Internal Rec. No. 724)	Imperial responded encouraging HCCC/HDI to contact MENDM concerning the Crown's delegation of procedural aspects of the duty to consult. Imperial noted that it commits to engaging and consulting HCCC/HDI as directed by the MENDM. Imperial's intention to engage and consult with HCCC/HDI as directed by the MENDM to determine specific impacts of project activities on Aboriginal and treaty rights. As the project proponent, Imperial has and is willing to provide project information to HCCC in care of the HDI to assist in determining these impacts. Once impacts are identified and communicated to Imperial, Imperial invites HCCC/HDI to work collaboratively with the Project team on solutions to reduce or mitigate these identified impacts. (Internal Rec. No. 734)
Field Monitors	Request for temporary work suspension of fieldwork until HCCC/HDI field monitor agreement is in place. (Internal Rec. No. 456)	Imperial paused work to accommodate the request and worked closely with HCCC/HDI to provide capacity funding to enable the participation of HCCC/HDI field monitors. (Internal Rec. Nos. 456 and 431)
Archaeological Assessment	Raised concerns with the manner in which archaeology is proceeding and how it does not meet the required level of diligence which the Haudenosaunee require to ensure that their commitments to their obligations are maintained. (Internal Rec. No. 724)	Imperial proposed a further meeting to discuss the Stage 2 Archaeological Assessment test pitting and ploughing protocol and Ontario Archaeology Standards and Guidelines. (Response to Internal Rec. No 724)

Topic	Key Comments	Responses
Archaeological Assessment	Request to use more ploughing and pedestrian survey. (Internal Rec. No. 724)	All ploughable fields are subject to pedestrian survey. Currently, the only exceptions are two small fields (WTFN1035 and WTFN2008) which are established no-till properties where the land owners have not permitted ploughing. MTCS has provisionally agreed that these no-till fields can be test pitted subject to review of the Stage 2 report and the associated supporting documentation justifying the testing methodology. (Response to Internal Rec. No 724)
Archaeological Assessment	Request for clearing of vegetation in advance of test pitting. (Internal Rec. No. 493)	Imperial responded that the vegetation height has not impeded the careful execution of test pit work. Vegetation was cleared from specific test pit locations and the project field crew was diligent to ensure that the sod was broken up and backdirt screened. Work was completed to the MTCS standards of assessment. (Internal Rec. No. 493)
Archaeological Assessment	Request that test pits be excavated to depths sufficient to identify true subsoil with consensus between HCCC/HDI Field Monitors and archaeologists. (in-person during field monitoring)	The field crew is working closely with HCCC/HDI field monitors and the other Indigenous Field Monitors to ensure that there is agreement that sterile subsoil has been reached in all excavations. The Project team and field monitors have continued this process and have reached agreement in the field to determine when sterile subsoil has been reached. (Response to Internal Rec. No 724)
Archaeological Assessment	Request to consider the draft technical bulletin <i>Engaging Aboriginal Communities in Archaeology</i> (MTCS 2011). (Internal Rec. No. 724)	The draft technical bulletin <i>Engaging Aboriginal Communities in Archaeology</i> (MTCS 2011) has been reviewed and the archaeological assessments will seek to address the protocol as well as the concerns of all Indigenous communities through the inclusion of field monitors in the fieldwork and through on-going engagement regarding all aspects of the archaeology. (Response to Internal Rec. No 724)
Archaeological Assessment	Request for pedestrian survey not be undertaken in damp conditions. (in-person during field monitoring)	The field crew is working closely with HCCC/HDI field monitors and the other Indigenous field monitors to ensure that pedestrian surveys are being conducted under appropriate conditions. (Response to Internal Rec. No 724)
Deactivation	Inquiry about deactivation of the existing line. (Internal Rec. No. 724)	The existing line will be cleaned, filled with nitrogen and deactivated in place. Recognizing the congestion of the corridor of other lines and infrastructure, undertaking deactivation will minimize net environmental impacts. Deactivation will take place in accordance with regulatory requirements. (Response to Internal Rec. No 724)

Topic	Key Comments	Responses
Geotechnical Program	<p>HCCC/HDI expressed concerns about a planned geotechnical borehole (BH10).</p> <ul style="list-style-type: none"> <li>No response was received from HCCC/HDI with concerns on the alternative routing.</li> <li>Subsequent to this correspondence, no comment was received from HCCC/HDI regarding BH10. (Internal Rec. No. 686)</li> </ul>	<p>Imperial paused work at this location to allow time to address HCCC/HDI's concern.</p> <ul style="list-style-type: none"> <li>Imperial's Community Relations Advisor visited the BH10 site to better understand the concern. Imperial corresponded with HCCC/HDI explaining that an alternate access route will be used to access borehole BH10.</li> <li>Imperial provided a follow-up email to HCCC/HDI about the alternative access routing to access geotechnical work at borehole BH10. A PDF file showing the new access route to the test area was provided, and feedback was solicited. Information was shared that matting would be placed in the area and that an archaeologist would be monitoring the geotechnical borehole work. An invitation was extended for HCCC/HDI field monitors to participate in monitoring this location. (Internal Rec. No. 686)</li> <li>Following requests from First Nations that field monitors be present during the matting and drilling at BH10, Past Recovery provided a Field Director to be present on-site on Jan. 22, 2019 to help ensure that the matting was being placed appropriately. Field monitors from the Huron Wendat First Nation and HCCC/HDI were present.</li> <li>The field monitors from Huron-Wendat and HCCC/HDI expressed satisfaction with this information and the way the matting was progressing.</li> </ul>

82. Imperial will continue to consult with HCCC/HDI on an ongoing basis. Imperial noted that it is committed to engaging and consulting HCCC/HDI as directed by the MENDM. Imperial noted that it is open to continue providing reasonable project capacity funding to HCCC/HDI within a mutually acceptable agreement and prepared to meet with HCCC/HDI to engage in further dialogue related to sharing project information, archaeological assessment and the field monitoring program. Imperial will maintain regular and frequent communication with HCCC/HDI designated representatives and will provide updates as the Project progresses. Consultation on the Project will continue to be in good faith and will be ongoing from pre-filing, filing of the Leave to Construct application and through to approval, construction and execution of the Project.

### 3.4 Huron-Wendat Nation

83. Traditionally, the Huron-Wendat were Iroquoian farmers and fishermen -hunter-gatherers representing between 30,000 and 40,000 individuals, who traveled widely across a territory stretching from the Gaspé Peninsula in the Gulf of Saint Lawrence and up along the Saint Lawrence Valley on both sides of the Saint Lawrence River all the way to the Great Lakes (Huron-Wendat, 2018).
84. According to Huron-Wendat traditional knowledge, the Huron-Wendat people were intimately linked to the Saint Lawrence River and its estuary, which was the main route of its activities and way of life. The Huron-Wendat formed alliances and traded goods with other First Nations among the networks that stretched across the continent (Huron-Wendat, 2018).
85. According to the INAC First Nations Profile website, the Huron-Wendat total registered membership is approximately 3,900 members, with approximately 1,497 living on -reserve members (INAC, 2018).
86. The headquarters of the Huron-Wendat band council is in Wendake, approximately 20 km north of Quebec City, on the banks of the Saint Charles River. The Huron-Wendat community is called by the ancestral territory name of the Nionwentsio, which translates to “our beautiful land” in the Wendat language (Huron-Wendat, 2018).

### Consultation Activities

87. To date, Huron-Wendat and Imperial have had numerous interactions, including meetings, phone calls and emails. In an effort to provide the most important details of consultation to date in the body of this Consultation Report, the summary below identifies important interactions chronologically and provides a short description of those interactions. Additionally, the summary identifies other key outcomes of consultation to date. The ROC Log provided in Appendix A provides the full details for every interaction to date.
88. On May 22, 2018, Imperial provided a project notification letter to Huron-Wendat.
89. On Jul. 17, 2018, Huron-Wendat and Imperial met in Toronto with representatives of the Huron-Wendat Nionwentsio office. The purpose of the meeting was to present an overview of the Project and to discuss Huron-Wendat's interest in archaeological assessment planning and field work. Project details provided to MCFN at the meeting are included in the ROC Log provided in Appendix A.
90. On Sept. 25, 2018, MENDM provided a notification letter to the Huron-Wendat that the Ministry has delegated procedural aspects of consultation to Imperial in relation to the Project. The Ministry encouraged representatives from Huron-Wendat to participate in efforts made by Imperial to consult the communities, to receive information on the Project, and to understand if there are any potential impacts on Aboriginal or treaty rights.
91. On Dec. 10, 2018, Huron-Wendat and Imperial met at ERM's Toronto office. The purpose of the meeting was to continue ongoing project consultation; discuss feedback on the field monitor program; share information on feedback and input received to date; discuss the LTC regulatory process; and discuss ongoing Huron-Wendat needs and consultation expectations.
92. Huron-Wendat field monitors have participated in environmental, archaeological and geotechnical borehole investigation environmental compliance inspections field work. Imperial provided capacity funding to facilitate this participation. Field monitor participation included participation in all aspects of the field work. To date, Huron-Wendat field monitors have participated in an estimate of 83 total person field survey days for the Project.

93. Huron-Wendat provided a response to their review of the draft Stage 1 Archaeological Assessment report. Key comments are captured in the Key Comments table. In general, Huron-Wendat was satisfied with the report.
94. A summary of key comments received from Huron-Wendat and Imperial's responses is included in the Huron-Wendat Key Comments table below.

**Table 3.4-1: Huron-Wendat Key Comments Table**

Topic	Key Comments	Responses
Field Monitors	Request for participation of Indigenous field liaison representatives during fieldwork surveys. (Internal Rec. No. 136)	Imperial worked with each community to enable the participation of field liaison representatives. Imperial provided capacity funding to facilitate the participation. (Internal Rec. No. various)
Archaeological Assessment	Huron-Wendat shared that while the Huron-Wendat did not sign a treaty with the Crown, the Huron-Wendat have rights and interests in Ontario. There are many Huron-Wendat archaeological sites, both known and unknown, to be discovered in Ontario. Huron-Wendat works with other Nations, companies, governments over shared traditional territory related to archaeological assessment. With respect to the Parsons site, an existing archaeological site of interest to Huron-Wendat (Internal Rec. No. 136)	Huron-Wendat participated in field work for the Project and reviewed and provided feedback on the Stage 1 Archaeological Assessment report. (Internal Rec. No. various)
Archaeological Assessment	Huron-Wendat reviewed the Stage 1 Archaeological Assessment report. The report was found to be satisfactory for this study area. Huron-Wendat requested to be consulted at every stage, especially regarding the Parsons site and to continue with the Huron-Wendat field monitor program for field work. Huron-Wendat stressed that avoidance and/or mitigation measures must apply for any potential disturbance to their heritage. Huron-Wendat reiterated their interest in continuing involvement in the archaeological assessment and project planning to avoid impacts to the Parsons site. (Internal Rec. No. 679)	Imperial received Huron-Wendat's feedback on the report and incorporated into the report. Imperial agreed to review the archaeology field assessment plans for the Parsons site with HWN in advance and to ensure continued participation in the field programs. (Internal Rec. No. 761)  Imperial agreed and committed to ensuring the Huron-Wendat is meaningfully consulted on site-specific mitigation measures. (Internal Rec. No. 761)
Consultation Framework	Huron-Wendat raised the potential of establishing a framework protocol to guide consultation. (Internal Rec. No. 761)	Imperial responded that it is open to discussing further and welcomed the Huron-Wendat's direction on how best to meet its consultation preferences. (Internal Rec. Nos. 761 and 787)

95. Consultation on the Project will continue to be in good faith and will be ongoing from pre-filing, filing of the Leave to Construct application and through to approval, construction and execution of the Project.

### 3.5 Métis Nation of Ontario

96. In addition to meeting its obligations stemming from the Crown's direction on consultation, Imperial engaged MNO to share the project notification and provide updates. Based on the preferences of MNO, Imperial remains open to engaging with MNO to share project planning details.
97. MNO was established by the Métis people to create an Ontario Métis specific governance structure to represent individuals and communities that are part of the Métis Nation (MNO, 2017).
98. Currently, MNO has a province-wide governance structure with 30 chartered Community Councils and 18,000 registered Métis citizens who meet at an Annual General Assembly. MNO represents Métis citizens and communities throughout the Province of Ontario (MNO, 2017).

### Engagement Activities

99. To date, MNO and Imperial have had various interactions, including phone calls and emails. In an effort to provide the most important details of consultation to date in the body of this Consultation Report, the summary below identifies important interactions chronologically and provides a short description of those interactions. Additionally, the summary identifies other key outcomes of consultation to date. The ROC Log provided in Appendix A provides the full details for every interaction to date.
100. On May 22, 2018, Imperial provided a project notification letter to MNO.
101. On Jul. 11, 2018, Imperial notified MNO's Lands, Resources and Consultations Branch of the project commencement and shared project information.
102. To date, MNO has indicated an interest in the project, but has not identified an opportunity to meet to further discuss the project and engagement.
103. On Nov. 13, 2018, Imperial provided an email to MNO's Consultation Coordinator sharing project information with the Regional Consultation Committee members. To date, Imperial has not received comments on the Project from MNO and though Imperial has provided project information, additional opportunities for engagement have yet to be discussed.
104. Imperial remains open to meeting with MNO. To date, Imperial awaits MNO's direction on its engagement preferences and remains open to meeting, if desired. Imperial will continue to engage by providing periodic updates as the Project progresses.

### 3.6 Ongoing Engagement

105. Imperial recognizes that consultation is an integral part of the LTC process and is committed to ongoing consultation throughout the life of the Project. After the submission of the LTC application, Imperial will continue to maintain records and will file a supplemental Indigenous Consultation Report and associated Record of Consultation covering the comments received after the application filing.
106. Project engagement with Indigenous communities has been ongoing during preparation of the Environmental Report and application and it is anticipated to continue after the application is submitted.
107. The project will continue to track all consultation activities with Indigenous communities to ensure that key comments are considered in project design and execution.

108. Imperial will continue to engage Indigenous communities to provide project information and updates, facilitate participation in field programs, and respond to requests for engagement or further information. Imperial anticipates that additional project information and updates will include more details regarding topics of concern/interest, i.e., archaeological sites and more details regarding the specific permits associated with the Project.

## 4. REFERENCES

Haudenosaunee Confederacy Chiefs Council and Haudenosaunee Development Institute website pages. Accessed Dec. 2, 2018 at <https://www.haudenosauneeconfederacy.com/>.

Huron-Wendat Nation website. Accessed Dec. 2, 2018 at <https://wendake.ca/>.

Imperial Oil Limited, 2018, Indigenous relations website. Accessed on Dec. 2, 2018 at <https://www.imperialoil.ca/en-ca/community/indigenous-engagement>.

Indigenous and Northern Affairs Canada, First Nation Profiles website. Accessed Dec. 2, 2018 at <http://fnp-ppn.aandc-aadnc.gc.ca/fnp/Main/Index.aspx?lasng=eng>. Ministry of Tourism, Culture and Sport (MCTS). 2011. *Standards and Guidelines for Consultant Archaeologists*. Ministry of Tourism, Culture and Sport, Toronto.

Metis Nation of Ontario website. Accessed Dec. 2, 2018 at <http://www.metisnation.org/governance/governing-structure/>.

Ministry of Energy, Northern Development and Mines, 2018. *Indigenous Consultation Report Requirements*. Provided July 2018.

Mississaugas of the Credit First Nation website. Accessed Dec. 2, 2018 at <http://www.newcreditfirstnation2015.com/community-profile/>.

Ontario Energy Board, 2016. *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario*. 7<sup>th</sup> Edition, 2016.

Six Nations of the Grand River website. Accessed Dec. 2, 2018 at <http://www.sixnations.ca/CommunityProfile.htm>.

## **APPENDIX A      RECORD OF CONSULTATION LOG**

Please see Exhibit H Record of Consultation, Tab 2, Schedule 1 – 6 as part of this Application for the Indigenous ROC Log, which includes details of information shared, comments received and Imperial's responses to the comments.

# Indigenous relations

## Guiding principles and guidelines

Many of Imperial's operations and development opportunities are located within indigenous communities or on their traditional lands. Imperial supports communities in areas where it explores, develops and operates, and strives to establish meaningful relationships built on mutual trust and respect.



### Principles

Imperial conducts its business in a manner that respects the land, environment, rights and cultures of indigenous communities, in accordance with the laws of Canada and corporate policies and guidelines that underlie the company's commitment to ethics, equity, environment and safety.

Imperial engages indigenous communities and their representatives in open and forthright consultation. We seek to understand indigenous perspectives on issues of mutual interest and to deal constructively with differing views.

Imperial supports recruitment and development programs that enable indigenous people to meet the company's employment requirements and business needs.

Imperial fosters the development of indigenous businesses in ways that provide benefits to the company and to indigenous communities.

Imperial creates meaningful relationships with indigenous peoples by supporting programs that build capacity through leadership development and community initiatives.

Imperial expects its contractors to conduct their business in accordance with these principles and guidelines.





**ExxonMobil**

**Imperial**

# Indigenous relations guidelines

## Consultation

Imperial maintains ongoing dialogue with indigenous leaders, community members and their representatives by:

- Respecting the legal rights of indigenous people and adhering to government requirements.
- Ensuring timely discussions when activities have the potential to impact the community.
- Supporting the identification of specific infringements on traditional uses and rights in order to minimize or mitigate impacts.
- Treating all parties fairly.
- Respecting traditional practices, decision-making processes, cultural activities and language.
- Coordinating with Crown consultation.

## Workforce development

In accordance with Imperial's equal employment opportunity policy, the company's goal is to achieve a workforce that is representative of the available qualified indigenous peoples in the labour market.

To this end, Imperial focuses on:

- Developing and supporting educational programs and recruiting practices that facilitate employment of qualified indigenous people.
- Establishing internal training and development programs that enhance retention of indigenous staff.
- Addressing workplace barriers that may exist.
- Supporting indigenous staff and promoting a culturally inclusive workplace.

## Business development

Imperial recognizes that indigenous communities may be interested in maximizing the economic benefits of development on their lands. The company fosters the development of indigenous businesses in ways that benefit the company and the community by:

- Using indigenous suppliers of goods and services that are competitive and meet Imperial's safety, technical and quality standards and timing needs.
- Providing information and training on Imperial's procurement processes, safety standards and expectations of business conduct.
- Developing local indigenous content plans, which address employment of indigenous people alongside the amount of work subcontracted to indigenous businesses, as a factor in evaluating and awarding contracts.

## Community relations

Imperial builds meaningful relationships with indigenous communities in areas where it explores, develops and operates by:

- Working collaboratively in the design and implementation of programs that build capacity through leadership development and community initiatives.
- Participating in community events.



**XTO**  
ENERGY

**Esso** **Mobil**

May 22, 2018

Shereen Smithanik  
Senior Policy Advisor  
Indigenous Energy Policy  
Ministry of Energy  
6<sup>th</sup> Floor, 77 Grenville Street  
Toronto, Ontario  
M7A 1B3

Dear Ms. Smithanik,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63-kilometres of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

The Waterdown to Finch Project (the Project) is proactively replacing a segment of pipeline to deliver continued safety and reliability. The existing pipeline will continue to operate until the Project is complete.

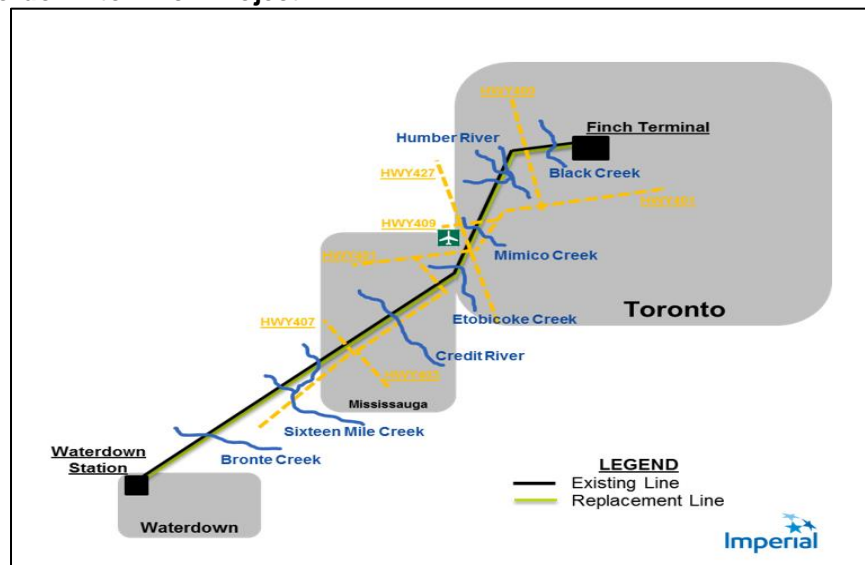
Environmental and cultural assessments will start in the spring of 2018. Subject to provincial regulatory review and receipt of all permits, Imperial anticipates construction to begin in 2019.

Most replacement work will take place in close vicinity to the existing pipeline. In the coming weeks, Imperial representatives or designates will be directly contacting Indigenous groups and landowners to schedule a meeting. Over the duration of the Project, we will work collaboratively and communicate proactively to minimize construction impacts.

The Project will require an application to the Ontario Energy Board (OEB) for Leave to Construct under subsection 90(1) of the *Ontario Energy Board Act*, in addition to other federal, provincial and municipal regulatory requirements. Imperial will work with the OEB, the members of the Ontario Pipeline Coordinating Committee, and other regulators to comply with all applicable law, regulation and associated approval and permit requirements.

**Please accept this letter as a formal notification of Imperial's Waterdown to Finch Project.** In accordance with the Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition, 2016 (the Guidelines) issued by the OEB, Imperial requests that the Ministry determine if a duty to consult obligation is required for the Project. Figure 1 provides the general location of the Project.

**Figure 1: Waterdown to Finch Project**



Consistent with Imperial's commitment to establishing cooperative relationships based on mutual respect and early communications, the following Indigenous groups have been identified for engagement on the basis that they may have interests or may have constitutionally protected Aboriginal or treaty rights.

**Table 1: Indigenous and Métis Groups**

Mississaugas of the New Credit First Nation	2789 Mississauga Road R.R. #6 Hagersville, ON N0A 1H0
Six Nations of the Grand River	PO Box 5000, Ohsweken, ON N0A 1M0
Huron Wendat Nation	255, place Chef Michel Laveau Wendake, QC G0A 4V0
Métis Nation of Ontario	Lands, Resources and Consultation 75 Sherbourne Street, Suite 311 Toronto, ON M5A 2P9

As you are aware, the duty to consult Indigenous peoples rests with the Crown, so this letter seeks the Ministry's direction, in accordance to the Guidelines, on whether procedural aspects of consultation will be delegated to Imperial and seeks the Ministry's direction on the identification of Indigenous communities to be engaged.

In addition, you can also visit our project website at [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch) for an overview of the proposed replacement work, including project facts, work schedule, construction methods, community engagement efforts and our full project brochure.

Should you have questions, I would be pleased to discuss this further with you.

Sincerely,

Christopher Plain  
Indigenous Relations Lead – Ontario Region  
Imperial Oil Limited

c.c.: Serge Imbrogno, Deputy Minister of Energy  
Jessie Malone, Environmental and Regulatory Advisor, Imperial Oil Limited

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

77 Grenville Street  
8<sup>th</sup> Floor  
Toronto ON M7A 2C1

Tel: (416) 314-2599

**Ministère de l'Énergie, du  
Développement du Nord et des  
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Tél: (416) 314-2599



**Indigenous Energy Policy**

VIA EMAIL

September 10, 2018

Kelly Williams  
Imperial Indigenous Relations-Ontario Region  
Imperial Oil Limited  
100 5<sup>th</sup> Conc E, Waterdown,  
ON L0R 2H1

**Re: Waterdown to Finch Pipeline Project**

Dear Kelly Williams:

Thank you for your email dated May 23, 2018 notifying the Ministry of Energy, Northern Development and Mines of Imperial Oil's intention to apply for Leave to Construct for the Waterdown to Finch Station Pipeline project and requesting clarification on duty to consult requirements.

I understand that Imperial Oil is planning to redevelop a pipeline in order to provide fuel across the Greater Toronto and Hamilton Area, including jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel. The project consists of approximately 63 kilometers of the existing line with new pipe. The proposed pipeline will commence at Waterdown Station [43.33500° N, 79.93248° W], and will end at the company's terminal storage facility at North York's Finch Terminal [43.76652° N, 79.48878° W]. If approved, construction is anticipated to begin in 2019.

The Ministry has reviewed the information provided relative to its current understanding of the interests of First Nation and Métis communities in the area and has determined that it may have the potential to affect First Nation communities who hold or claim Aboriginal or treaty rights protected under Section 35 of Canada's *Constitution Act* 1982.

As you are aware, the Government of Ontario (the "Crown") has a constitutional duty to consult and accommodate First Nation and Métis communities when Crown project approvals may lead to an appreciable adverse impact on established or asserted Aboriginal or treaty rights. While the legal duty to consult falls on the Crown, the Crown

may delegate the day-to-day, procedural aspects of consultation to project proponents. The Ministry of the Energy, Northern Development and Mines is delegating the procedural aspects of consultation to Imperial Oil through this letter.

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

Community	Mailing Address
Mississaugas of the New Credit First Nation	2789 Mississauga Road R.R. #6 Hagersville, ON N0A 1H0
Six Nations of the Grand River *	Six Nations of the Grand River Elected Council PO Box 5000 Ohsweken, Ontario N0A 1M0  Haudenosaunee Confederacy Chiefs Council P.O Box 714 Ohsweken, ON N0A 1M0
Huron Wendat**	255, place Chef Michel Laveau Wendake, QC G0A 4V0

Note:

\*Please note, proponents are required to consult with both, Six Nations Elected Council and Haudenosaunee Confederacy Chiefs Council (HCCC). Please copy Haudenosaunee Development Institute (HDI) on all correspondence to Haudenosaunee Confederacy Chiefs Council (HCCC).

\*\*interests are specific to archeological resources

This rights-based consultation list is based on information that is subject to change. First Nation and Métis communities may make new rights assertions at any time, and other developments (e.g. the discovery of Aboriginal archaeological sites) can occur that may require additional First Nation and/or Métis communities to be notified and/or consulted. If you become aware of potential rights impacts on communities that are not listed above at any stage of the consultation and approval process, kindly bring this to the attention of the Ministry with any supporting information regarding the claim. The Ministry will then assess whether it is necessary to include the community on the rights-based consultation list above.

It is the Ministry's expectation that Imperial Oil will communicate directly with the communities listed above, and that Imperial Oil will:

- Notify the communities that Imperial Oil has been delegated the procedural aspects of consultation by the Ministry of Energy, Northern Development and Mines on behalf of Ontario.
- Notify the communities that they may contact the Crown directly should they have any questions or concerns.
- Provide the communities with the following contact information should they wish to communicate directly with the Ministry:

Raina Crasto  
Policy Advisor, Indigenous Energy Policy  
Ministry of Energy, Northern Development and Mines  
416-326-4571/[raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca)

Shannon McCabe  
Senior Advisor, Indigenous Energy Policy  
Ministry of Energy, Northern Development and Mines  
416-212-6704 / [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca)

- Please copy the Ministry contact when communicating the above information.

The Ministry relies on consultation conducted by proponents when it assesses the Crown's obligations and directs proponents during the regulatory process. Imperial Oil's responsibilities for procedural aspects of consultation include:

- Providing the First Nation communities with timely notice of the project for the purposes of considering possible impacts on their Aboriginal and/or treaty rights;
- In that notice, clearly stating that Imperial Oil has been delegated the procedural aspects of consultation by the Ministry of Energy, Northern Development and Mines on behalf of Ontario for the project.
- Providing First Nation communities with information about the project including anticipated impacts, and information on project timelines;
- Following up with First Nation communities to ensure they have received project information and that they are aware of the opportunity to express comments and concerns about the project;
- Explaining the regulatory and approval processes that apply to the project;
- Gathering information about how the project may adversely impact the relevant Aboriginal and/or treaty rights (for example, hunting, fishing) or sites of cultural significance (for example, burial grounds, archaeological sites);
- Considering the comments and concerns raised by First Nation communities and providing responses;
- Where appropriate, discussing accommodation, including mitigation or other measures to address potential adverse impacts on Aboriginal and/or treaty rights;

- Where appropriate, developing and discussing with the Crown appropriate accommodation measures;
- Taking reasonable steps to foster positive relationships with the First Nation communities;
- Bearing the reasonable costs associated with these procedural aspects of consultation; and
- Maintaining records of activities in relation to carrying out the delegated procedural aspects of consultation and providing information to the Ministry.

If you have any questions about this letter or require any additional information please contact Raina Crasto at 416-326-4571 or [raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca) and Shannon McCabe at 416-212-6704 or [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca).

Sincerely,



Morgan Owen  
A/Manager  
Indigenous Energy Policy

C: Ontario Pipeline Coordinating Committee (OPCC)  
Jessie Malone, Environmental and Regulatory Advisor, Safety Security Health and Environment, Imperial Oil Limited

Ministry of Energy, Northern  
Development and Mines

Ministère de l'Énergie, du  
Développement du Nord et des  
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77 Grenville Street  
6<sup>th</sup> Floor  
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77, rue Grenville  
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Toronto ON M7A 2C1

Tel: (416) 325-6544

Tél: (416) 325-6544



## Indigenous Energy Policy

VIA EMAIL

September 25, 2018

Grand Chief Konrad Sioui  
255 place Chef Michel Laveau  
Wendake, QC  
G0A 4V0

### Re: Imperial Waterdown Pipeline Project

Dear Grand Chief Sioui:

This letter is to notify you that the Ministry of Energy, Northern Development and Mines on behalf of Ontario has delegated the procedural aspects of consultation to Imperial Oil Limited for its' proposed Imperial Waterdown Pipeline Project in relation to the Ontario Energy Board's Leave to Construct approval process.

Imperial Oil is planning to redevelop a pipeline in order to provide fuel across the Greater Toronto and Hamilton Area, including jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel. The project consists of approximately 63 kilometers of the existing line with new pipe. The proposed pipeline will commence at Waterdown Station [43.33500° N, 79.93248° W], and will end at the company's terminal storage facility at North York's Finch Terminal [43.76652° N, 79.48878° W]. If approved, construction is anticipated to begin in 2019

I encourage representatives of your community to participate in efforts made by Imperial Oil Limited to consult your community on its proposed project so that you can receive project information and understand if there are any potential impacts on Aboriginal or treaty rights. The consultation process is an opportunity to provide your community's feedback to Imperial Oil Limited and the Crown, including any suggestions or proposals your community might have for mitigating, avoiding or accommodating any potential impacts to Aboriginal or treaty rights. Ministry officials are also available should you wish to contact the Crown directly. Please note that none of the foregoing should be taken to imply approval of this project.

Should you or any members of your community have questions regarding the material above, please contact Raina Crasto at 416-326-4571 or [raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca) and Shannon McCabe at 416-212-6704 or [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca).

Sincerely,

A handwritten signature in black ink, appearing to read "M. Owen", with a stylized flourish at the end.

Morgan Owen  
A/Manager  
Indigenous Energy Policy

C: Ontario Energy Board  
Ontario Pipeline Coordinating Committee (OPCC)  
Jessie Malone, Environmental and Regulatory Advisor, Safety Security Health and Environment, Imperial Oil Limited

Ministry of Energy, Northern  
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## Indigenous Energy Policy

VIA EMAIL

September 25, 2018

Chief R. Stacey Laforme  
Mississauagas of the New Credit First Nation  
2789 Mississauga Road R.R. #6  
Hagersville, ON N0A 1H0

## Re: Imperial Waterdown Pipeline Project

Dear Chief Laforme:

This letter is to notify you that the Ministry of Energy, Northern Development and Mines on behalf of Ontario has delegated the procedural aspects of consultation to Imperial Oil Limited for its' proposed Imperial Waterdown Pipeline Project in relation to the Ontario Energy Board's Leave to Construct approval process.

Imperial Oil is planning to redevelop a pipeline in order to provide fuel across the Greater Toronto and Hamilton Area, including jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel. The project consists of approximately 63 kilometers of the existing line with new pipe. The proposed pipeline will commence at Waterdown Station [43.33500° N, 79.93248° W], and will end at the company's terminal storage facility at North York's Finch Terminal [43.76652° N, 79.48878° W]. If approved, construction is anticipated to begin in 2019

I encourage representatives of your community to participate in efforts made by Imperial Oil Limited to consult your community on its proposed project so that you can receive project information and understand if there are any potential impacts on Aboriginal or treaty rights. The consultation process is an opportunity to provide your community's feedback to Imperial Oil Limited and the Crown, including any suggestions or proposals your community might have for mitigating, avoiding or accommodating any potential impacts to Aboriginal or treaty rights. Ministry officials are also available should you wish to contact the Crown directly. Please note that none of the foregoing should be taken to imply approval of this project.

Should you or any members of your community have questions regarding the material above, please contact Raina Crasto at 416-326-4571 or [raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca) and Shannon McCabe at 416-212-6704 or [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca).

Sincerely,

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Morgan Owen  
A/Manager  
Indigenous Energy Policy

C: Ontario Energy Board  
Ontario Pipeline Coordinating Committee (OPCC)  
Jessie Malone, Environmental and Regulatory Advisor, Safety Security Health and Environment, Imperial Oil Limited

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Tél: (416) 325-6544



## Indigenous Energy Policy

VIA EMAIL

September 25, 2018

Chief Eva Hill  
Six Nations of the Grand River Elected Council  
PO Box 5000  
Ohsweken, Ontario N0A 1M0

### Re: Imperial Waterdown Pipeline Project

Dear Chief Hill:

This letter is to notify you that the Ministry of Energy, Northern Development and Mines on behalf of Ontario has delegated the procedural aspects of consultation to Imperial Oil Limited for its' proposed Imperial Waterdown Pipeline Project in relation to the Ontario Energy Board's Leave to Construct approval process.

Imperial Oil is planning to redevelop a pipeline in order to provide fuel across the Greater Toronto and Hamilton Area, including jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel. The project consists of approximately 63 kilometers of the existing line with new pipe. The proposed pipeline will commence at Waterdown Station [43.33500° N, 79.93248° W], and will end at the company's terminal storage facility at North York's Finch Terminal [43.76652° N, 79.48878° W]. If approved, construction is anticipated to begin in 2019

I encourage representatives of your community to participate in efforts made by Imperial Oil Limited to consult your community on its proposed project so that you can receive project information and understand if there are any potential impacts on Aboriginal or treaty rights. The consultation process is an opportunity to provide your community's feedback to Imperial Oil Limited and the Crown, including any suggestions or proposals your community might have for mitigating, avoiding or accommodating any potential impacts to Aboriginal or treaty rights. Ministry officials are also available should you wish to contact the Crown directly. Please note that none of the foregoing should be taken to imply approval of this project.

Should you or any members of your community have questions regarding the material above, please contact Raina Crasto at 416-326-4571 or [raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca) and Shannon McCabe at 416-212-6704 or [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca).

Sincerely,

A handwritten signature in black ink, appearing to read "M. Owen", with a long horizontal flourish extending to the right.

Morgan Owen  
A/Manager  
Indigenous Energy Policy

C: Ontario Energy Board  
Ontario Pipeline Coordinating Committee (OPCC)  
Jessie Malone, Environmental and Regulatory Advisor, Safety Security Health and Environment, Imperial Oil Limited

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Toronto ON M7A 2C1

Tel: (416) 325-6544

Tél: (416) 325-6544



## Indigenous Energy Policy

VIA EMAIL

September 25, 2018

Haudenosaunee Confederacy Chiefs Council  
C/o Haudenosaunee Development Institute  
P.O Box 714  
Ohsweken, ON N0A 1M0

## Re: Imperial Waterdown Pipeline Project

This letter is to notify you that the Ministry of Energy, Northern Development and Mines on behalf of Ontario has delegated the procedural aspects of consultation to Imperial Oil Limited for its' proposed Imperial Waterdown Pipeline Project in relation to the Ontario Energy Board's Leave to Construct approval process.

Imperial Oil is planning to redevelop a pipeline in order to provide fuel across the Greater Toronto and Hamilton Area, including jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel. The project consists of approximately 63 kilometers of the existing line with new pipe. The proposed pipeline will commence at Waterdown Station [43.33500° N, 79.93248° W], and will end at the company's terminal storage facility at North York's Finch Terminal [43.76652° N, 79.48878° W]. If approved, construction is anticipated to begin in 2019

I encourage representatives of your community to participate in efforts made by Imperial Oil Limited to consult your community on its proposed project so that you can receive project information and understand if there are any potential impacts on Aboriginal or treaty rights. The consultation process is an opportunity to provide your community's feedback to Imperial Oil Limited and the Crown, including any suggestions or proposals your community might have for mitigating, avoiding or accommodating any potential impacts to Aboriginal or treaty rights. Ministry officials are also available should you wish to contact the Crown directly. Please note that none of the foregoing should be taken to imply approval of this project.

Should you or any members of your community have questions regarding the material above, please contact Raina Crasto at 416-326-4571 or [raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca) and Shannon McCabe at 416-212-6704 or [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca).

Sincerely,

A handwritten signature in black ink, appearing to read 'M. Owen', with a stylized flourish at the end.

Morgan Owen  
A/Manager  
Indigenous Energy Policy

C: Ontario Energy Board  
Ontario Pipeline Coordinating Committee (OPCC)  
Jessie Malone, Environmental and Regulatory Advisor, Safety Security Health and  
Environment, Imperial Oil Limited

## **EXHIBIT H            RECORD OF CONSULTATION – SUPPORTING DOCUMENTS**

EXHIBIT H: RECORD OF CONSULTATION – SUPPORTING DOCUMENTS

Regulatory Consultation Log

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
79	5/22/2018	CH	Email from ERM, on behalf of Imperial, to CH	<p>Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.</p> <p>Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).</p>	5/28/2018	Request by CH for GIS shapefile with Project centreline of latest route. ERM provided requested GIS shapefile.	180522 Conservation Halton Notification of project
96	6/11/2018	CH NEC	Meeting with CH and NEC attended by Imperial and ERM	Meeting with NEC and CH to provide a Project overview. Discussion on ongoing and planned bio-physical and cultural studies, concurrent LTC and Conservation Authority/NEC permitting. Confirmed Conservation Authority/NEC permit requirements and requested a data sharing agreement.	6/19/2018	CH provided a link to the data sharing request form. Imperial and CH agreed to invite the Project lands team to a future meeting. Imperial subsequently entered into a digital data sharing agreement with CH on Aug. 4, 2018.	180611 A.1 Imperial_WFP_NEC_CH_Meeting Notes_FINAL
472	6/27/2018	CH	Email from ERM to CH	Email from ERM to request information on the data collection requirements at various water crossings to support the development permit application in the CH jurisdiction.	7/6/2018	Response received noting that the development permit application include similar details required as from the MTO Environmental Guide for Fish and Fish Habitat (MTO, June 2009). CH provided details on methods for the field assessment and documentation.	No
218	7/10/2018	CH	Email from CH to Imperial	CH provided a response letter to Imperial's Project notification of May 2018. Response letter included CH's environmental assessment checklist for the project.	7/23/2018	Imperial responded that it will continue to engage with CH to ensure that the content in the ER meets CH requirements.	No
226	7/18/2018	CH	Email from ERM to CH	Email to Conservation Authorities and regulatory agencies to share the geotechnical investigation borehole locations and access plans for their review. ERM communicated that the boreholes are planned to start the end of July/early Aug. 2018 and take approximately three months to complete. On Jul. 31, 2018, ERM provided the Environmental Protection Plan for the geotechnical investigation program.	7/25/2018	<p>Responses from Conservation Authorities and regulatory agencies attached.</p> <p>CVC response (Jul. 18, 2018) – Responded that no permit is required from CVC for boreholes since there is no grading or fill placement or expected vegetation removal associated with the boreholes.</p> <p>HCA response (Jul. 25, 2018) – Responded that Imperial is not required to obtain written approval for the completion of the easterly borehole within regulated area and the access is along the cleared portion of the pipeline ROW (no additional disturbance should be required).</p> <p>TRCA response (Aug. 1, 2018) - Responded with a letter with comments on the TRCA regulated boreholes. Further correspondences on Sept. 11, 2018 regarding a contingency plan to manage flowing artesian conditions.</p> <p>NEC response (Aug. 7, 2018) - Provided an exemption letter for borehole - no development permit is required from the NEC.</p> <p>MTCS response (Aug. 1, 2018) - Acknowledged receipt of documents. Indicated no comment at this time.</p>	180718 multiple docs

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
						MNRF Guelph district response (Aug. 2, 2018) - Responded that no drilling is permitted within 300 m of a Jefferson Salamander pond. ERM followed-up with MNRF to discuss whether Borehole #9 is within 300m of a breeding wetland.  CH response (Aug. 2, 2018) - Responded that plans have been reviewed, and CH has no concerns at this time.  MNRF Aurora district response (Aug. 9, 2018) - Responded with no concerns with borehole drilling outside of the Jefferson Salamander identified area.	
399	8/24/2018	CH	Email from Imperial to CH	Imperial submitted a digital Information Request form to CH.	8/24/2018	N/A – outgoing correspondence, no response required.	180824 Digital info request HRCA
404	8/31/2018	CH	Teleconference call with CH, ERM, Savanta and Imperial	Telephone conversation with CH on erosion assessment. Noted that the plan will include ‘typical’ scour calculations per stream crossing type that ERM and Savanta have classified (i-IV).	8/31/2018	CH staff noted the following: <ul style="list-style-type: none"><li>■ Typical pipeline burial depth is 3 meters below the stream bed unless scour analysis indicates burial should be deeper.</li><li>■ They do not want to see hardening of the channel bed or banks. They would prefer that pipeline burial or bank offsets are deep enough and far enough laterally to handle any natural and future erosion.</li></ul>	180831 - CH discussion on channel and bank erosion
411	9/18/2018	CH	Email from ERM to CH	Email to CH to share an updated spatial data package for the Project. The package included a revised pipeline centreline, revised geotechnical borehole and access road locations, and trenchless construction method locations.	9/18/2018	N/A – outgoing correspondence, no response required.	No
416	9/21/2018	CH	Email from Imperial to CH	Email invitation to CH to attend the planned Emergency Response exercise.	9/21/2018	N/A – outgoing correspondence, no response required.	No
496	9/27/2018	CH	Email from ERM and Savanta to CH	Email request to CH for information on Species at Risk in CH jurisdiction on regulated habitat (provincial SAR), contributing habitat (provincial SAR), and documented fish species to determine distance to Project and timing windows for instream works.	9/27/2018	N/A – outgoing correspondence, no response required.	No
466	10/4/2018	CH	Imperial emergency response desktop simulation exercise with stakeholders	Participants were led on a tour of Imperial’s emergency response desktop exercise related to a simulated release from Imperial’s Sarnia Products Pipeline in the Humber River. Participants were led by members of the Imperial Americas Regional Response Team (ARRT) through the Command Centre.  Imperial shared how the company is prepared at any point to respond with a fully equipped, trained and resourced team. Imperial demonstrated how they would put their emergency response plan into action, prioritizing the protection of people and the environment. Imperial demonstrated how partnership with the regulatory agencies, governments, emergency services, contractors, Indigenous groups and the community is critical to emergency response training and response.	10/12/2018	Imperial sent a follow-up email to all attendees in Dec. 2018 thanking them for their participation in the exercise.	No
563	10/23/2018	CH	Email from ERM to CH	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
731	12/19/2018	CH	Follow-up email on Emergency Response exercise held in Oct. 2018	<p>In Oct. 2018, Imperial held a three day large-scale emergency response exercise that included internal and external participants. The first day of the event comprised of training for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation.</p> <p>A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/19/2018	N/A – outgoing correspondence, no response required.	No
729	12/20/2018	CH	Follow-up email on Emergency Response exercise held in Oct. 2018	<p>In Oct. 2018, Imperial held a three day large-scale emergency response exercise that included internal and external participants (Internal Rec No. 466). The first day of the event comprised of training for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation.</p> <p>A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/20/2018	N/A – outgoing correspondence, no response required.	No
80	5/22/2018	CVC	Email from ERM, on behalf of Imperial, to CVC	<p>Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.</p> <p>Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).</p>	5/28/2018	Request by CVC for GIS shapefile with Project centreline of latest route. ERM provided requested GIS shapefile.	180522 CVC Notification of project

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
105	6/20/2018	CVC	Meeting with CVC attended by ERM and Imperial	Meeting with CVC to provide a Project overview. Discussion on ongoing and planned bio-physical and cultural studies, concurrent LTC and Conservation Authority/NEC permitting. Confirmed Conservation Authority/NEC permit requirements and requested a data sharing agreement.	6/20/2018	N/A – See attached meeting minutes.	180620 A.1 Imperial_WFP_CVC_Meeting_Notes_FINAL
471	6/27/2018	CVC	Email from ERM to CVC	Email to CVC to request information on the requirements for data collection at various water crossings to support development permit application in the CVC jurisdiction.	6/28/2018	Response received from CVC stating that their expectation is that all the crossings would have trenchless construction methods unless a rationale is provided why this would not be appropriate and therefore, site specific field data would not be required for most if not all crossings. More detail would be required if an open cut was proposed during the permitting stage.	No
226	7/18/2018	CVC	Email from ERM to CVC	Email to Conservation Authorities and regulatory agencies to share the geotechnical investigation borehole locations and access plans for their review. ERM communicated that the boreholes are planned to start the end of July/early Aug. 2018 and take approximately three months to complete. On Jul. 31, 2018, ERM provided the Environmental Protection Plan for the geotechnical investigation program.	7/25/2018	<p>Responses from Conservation Authorities and regulatory agencies attached.</p> <p>CVC response (Jul. 18, 2018) – Responded that no permit is required from CVC for boreholes since there is no grading or fill placement or expected vegetation removal associated with the boreholes.</p> <p>HCA response (Jul. 25, 2018) – Responded that Imperial is not required to obtain written approval for the completion of the easterly borehole within regulated area and the access is along the cleared portion of the pipeline ROW (no additional disturbance should be required).</p> <p>TRCA response (Aug. 1, 2018) - Responded with a letter with comments on the TRCA regulated boreholes. Further correspondences on Sept. 11, 2018 regarding a contingency plan to manage flowing artesian conditions.</p> <p>NEC response (Aug. 7, 2018) - Provided an exemption letter for borehole - no development permit is required from the NEC.</p> <p>MTCS response (Aug. 1, 2018) - Acknowledged receipt of documents. Indicated no comment at this time.</p> <p>MNRF Guelph district response (Aug. 2, 2018) - Responded that no drilling is permitted within 300 m of a Jefferson Salamander pond. ERM followed-up with MNRF to discuss whether Borehole #9 is within 300m of a breeding wetland.</p> <p>CH response (Aug. 2, 2018) - Responded that plans have been reviewed, and CH has no concerns at this time.</p> <p>MNRF Aurora district response (Aug. 9, 2018) - Responded with no concerns with borehole drilling outside of the Jefferson Salamander identified area.</p>	180718 multiple docs
415	9/21/2018	CVC	Invitation to CVC to attend planned Emergency Response simulation exercise	Email invitation to CVC to attend the planned Emergency Response exercise.	9/21/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
466	10/4/2018	CVC	Imperial emergency response desktop simulation exercise with stakeholders	<p>Participants were led on a tour of Imperial’s emergency response desktop exercise related to a simulated release from Imperial’s Sarnia Products Pipeline in the Humber River. Participants were led by members of the Imperial Americas Regional Response Team (ARRT) through the Command Centre.</p> <p>Imperial shared how the company is prepared at any point to respond with a fully equipped, trained and resourced team. Imperial demonstrated how they would put their emergency response plan into action, prioritizing the protection of people and the environment. Imperial demonstrated how partnership with the regulatory agencies, governments, emergency services, contractors, Indigenous groups and the community is critical to emergency response training and response.</p>	10/12/2018	Imperial sent a follow-up email to all attendees in Dec. 2018 thanking them for their participation in the exercise.	No
494	10/9/2018	CVC	Email from ERM to CVC	Email to CVC to request information on Species at Risk in CVC jurisdiction on regulated habitat (provincial SAR), contributing habitat (provincial SAR), and documented fish species to determine distance to Project and timing windows for instream works.	10/16/2018	CVC will not release SAR data unless a data request is sent to the Conservation Authority. The current data request for the Project is in progress, including SAR items.	No
563	10/23/2018	CVC	Email from ERM to CVC	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No
729	12/20/2018	CVC	Follow-up email on Emergency Response exercise held in Oct. 2018	<p>In Oct. 2018, Imperial held a three day large-scale emergency response exercise that included internal and external participants (Internal Rec No 466). The first day of the event comprised of training for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation.</p> <p>A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/20/2018	N/A – outgoing correspondence, no response required.	No
742	5/22/2018	DFO	Email from ERM, on behalf of Imperial, to DFO	<p>Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.</p> <p>Operating safely for many decades, Imperial’s SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).</p>	5/22/2018	Auto response from DFO inbox advising to self-assess if Project will require DFO requirements.	180522 DFO Notification of project

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
563	10/23/2018	DFO	Email from ERM to DFO	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No
704	12/4/2018	DFO	Email from ERM to DFO	Email to DFO Fisheries Protection general inbox to introduce the Project and request scheduling a meeting. Provided a link to the Project website.	12/12/2018	DFO auto response inbox acknowledged confirmation of email inquiry.  DFO auto response requesting the Project complete a self-assessment to determine if DFO needs to review the Project. DFO advised that if the Project is not in one of the listed waterbody types, and its activities are not listed, nor does it meet the associated criteria (if applicable), a request for review may be submitted to DFO before proceeding further.  ERM is in the process of preparing a DFO self-assessment and Request for Review for submission to DFO.	No
81	5/22/2018	ECCC	Email from ERM, on behalf of Imperial, to ECCC	Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.  Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).	5/22/2018	N/A – outgoing correspondence, no response required.	180522 ECCC Notification of project
563	10/23/2018	ECCC	Email from ERM to ECCC	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No
82	5/22/2018	HCA	Email from ERM, on behalf of Imperial, to HCA	Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.  Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).	5/28/2018	N/A – outgoing correspondence, no response required.	180522 Hamilton CA Notification of project
97	6/13/2018	HCA	Meeting with HCA, attended by ERM, Imperial and Savanta	Meeting with HCA to provide a Project overview. Discussion on ongoing and planned bio-physical and cultural studies, concurrent LTC and Conservation Authority/NEC permitting. Confirmed Conservation Authority/NEC permit requirements and requested a data sharing agreement.	6/13/2018	N/A – see attached meeting minutes.	180613 B.1 Imperial_WFP_HamiltonCA_Meeting Notes_FINAL

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
226	7/18/2018	HCA	Email from ERM to HCA	Email to Conservation Authorities and regulatory agencies to share the geotechnical investigation borehole locations and access plans for their review. ERM communicated that the boreholes are planned to start the end of July/early Aug. 2018 and take approximately three months to complete. On Jul. 31, 2018, ERM provided the Environmental Protection Plan for the geotechnical investigation program.	7/25/2018	<p>Responses from Conservation Authorities and regulatory agencies attached.</p> <p>CVC response (Jul. 18, 2018) – Responded that no permit is required from CVC for boreholes since there is no grading or fill placement or expected vegetation removal associated with the boreholes.</p> <p>HCA response (Jul. 25, 2018) – Responded that Imperial is not required to obtain written approval for the completion of the easterly borehole within regulated area and the access is along the cleared portion of the pipeline ROW (no additional disturbance should be required).</p> <p>TRCA response (Aug. 1, 2018) - Responded with a letter with comments on the TRCA regulated boreholes. Further correspondences on Sept. 11, 2018 regarding a contingency plan to manage flowing artesian conditions.</p> <p>NEC response (Aug. 7, 2018) - Provided an exemption letter for borehole - no development permit is required from the NEC.</p> <p>MTCS response (Aug. 1, 2018) - Acknowledged receipt of documents. Indicated no comment at this time.</p> <p>MNRF Guelph district response (Aug. 2, 2018) - Responded that no drilling is permitted within 300 m of a Jefferson Salamander pond. ERM followed-up with MNRF to discuss whether Borehole #9 is within 300m of a breeding wetland.</p> <p>CH response (Aug. 2, 2018) - Responded that plans have been reviewed, and CH has no concerns at this time.</p> <p>MNRF Aurora district response (Aug. 9, 2018) - Responded with no concerns with borehole drilling outside of the Jefferson Salamander identified area.</p>	180718 multiple docs
400	8/24/2018	HCA	Email from HCA to ERM and Imperial	<p>HCA provided a map showing approximate regulated area, refined following the site walk. The regulated area in the vicinity of 162-172 Concession 5 E were noted to require further refinement with regard to the tributaries and small wetland identified by both agencies once the field studies are completed.</p> <p>It was noted that no floodplains are associated with watercourses, and that there are no ponds, meander belt, shoreline, or stable top of bank issues to be addressed in this area. There are no direct fish habitat/fisheries in this location and no monitoring stations in the area.</p> <p>The following issues of concern to HCA will have to be addressed as part of the future permit application:</p> <ul style="list-style-type: none"><li>■ maintenance of existing watercourses and surface drainage pattern pre-post pipeline construction;</li><li>■ delineation of any previously unidentified wetlands and maintenance of groundwater flow pattern/volumes and water balance for wetlands;</li><li>■ location of extra temporary workspace areas and material stockpiling during construction;</li><li>■ mitigation measures for watercourses/surface drainage, tree protection, etc. during construction; and</li><li>■ post-construction restoration and re-vegetation of disturbed areas.</li></ul>	8/24/2018	N/A – incoming correspondence that requires no response.	180824 - Hamilton Conservation issues of concern email

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
417	9/21/2018	HCA	Email from Imperial to HCA	Email invitation to HCA to attend the planned Emergency Response exercise.	9/26/2018	Received a response from HCA indicating that it will not be able to attend.	No
466	10/4/2018	HCA	Imperial emergency response desktop simulation exercise with stakeholders	<p>Participants were led on a tour of Imperial's emergency response desktop exercise related to a simulated release from Imperial's Sarnia Products Pipeline in the Humber River. Participants were led by members of the Imperial Americas Regional Response Team (ARRT) through the Command Centre.</p> <p>Imperial shared how the company is prepared at any point to respond with a fully equipped, trained and resourced team. Imperial demonstrated how they would put their emergency response plan into action, prioritizing the protection of people and the environment. Imperial demonstrated how partnership with the regulatory agencies, governments, emergency services, contractors, Indigenous groups and the community is critical to emergency response training and response.</p>	10/12/2018	Imperial sent a follow-up email to all attendees in Dec. 2018 thanking them for their participation in the exercise.	No
563	10/23/2018	HCA	Email from ERM to HCA	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No
731	12/19/2018	HCA	Email from Imperial to HCA	<p>In Oct. 2018, Imperial held a three day large-scale emergency response exercise that included internal and external participants. The first day of the event comprised of training for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation.</p> <p>A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/19/2018	N/A – outgoing correspondence, no response required.	No
729	12/20/2018	HCA	Email from Imperial to HCA	<p>In Oct. 2018, Imperial held a three day large-scale emergency response exercise that included internal and external participants. The first day of the event comprised of training for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation.</p>	12/20/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
				A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a> .			
83	5/23/2018	IO HONI	Email from ERM, on behalf of Imperial, to IO, HONI	<p>Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.</p> <p>Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).</p>	8/27/2018	Notification re-sent to Infrastructure Ontario on Aug. 27, 2018 by Imperial.	No
204	7/3/2018	IO	Email from Imperial to IO	Invited Infrastructure Ontario to the Toronto Community Information Session.	7/3/2018	N/A – outgoing correspondence, no response required.	No
205	7/3/2018	HONI	Email from Imperial to HONI	Invited Hydro One staff to the Toronto Community Information Session.	7/3/2018	N/A – outgoing correspondence, no response required.	No
467	7/18/2018	IO HONI	Meeting with IO and HONI, attended by CanACRE, ERM, Imperial	<p>Meeting with IO and HONI to provide a Project overview. Discussion on IO's Class EA and duty to consult requirements. IO staff archaeologist requested a copy of the draft Stage 1 report for review. IO noted that the MENDM will provide direction on the Crown's duty to consult. Imperial noted that it will provide IO will the MENDM's letter when received. (Imperial subsequently provided to IO the MENDM's letter dated Sept. 10, 2018 delegating the procedural aspects of consultation to Imperial.</p> <p>Second part of meeting discussed crossings, encroachments and technical requirements within HONI and IO corridor lands.</p>	7/18/2018	N/A – see attached meeting minutes.	180718 A.1 Meeting WFP HONI_IO Class EA and duty to consult
219	7/24/2018	IO	Email from IO to Imperial.	<p>IO noted three key elements that need to be completed in order to satisfy environmental due diligence requirements:</p> <ul style="list-style-type: none"><li>■ completion of the MOI Class EA, which includes stakeholder consultation;</li><li>■ completion of the Class EA (C and D record) and posting on IO's website for 30 days; and</li><li>■ Stage I and, if required, Stage II archaeological assessment. Please note that if Stage III work is required, IO should be consulted.</li></ul>	8/14/2018	Imperial noted that it will proceed as a provisional determination of Class EA Category B requirement for the scope of the undertaking based on the IO screening checklist.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
478	8/3/2018	IO HONI	Meeting with HONI and IO attended by CanACRE and Imperial	<p>Meeting with Hydro One (HONI) and Infrastructure Ontario (IO) to present the Project information, present the project timelines and to discuss IOL submissions to HONI/IO.</p> <p>IOL's appraiser should meet with IO's appraiser. With respect to appraisals, CanACRE indicated that an official submission is expected to happen next week, Aug. 8 2018.</p> <p>IO requested that IOL provide a summary/list of all government and other stakeholders that the project has engaged, to-date. IOL will provide this information.</p> <p>IO suggested that IOL meet with the Ministry of Municipal Affairs to confirm their requirements with regards to the Project.</p> <p>Next meeting scheduled in Sept. 2018 to have a specific discussion related to easements.</p> <p>See full recap of meeting minutes attached.</p>	8/3/2018	N/A – see attached meeting minutes.	180803 Meeting HONI IO CanACRE
408	9/13/2018	IO	Email from Imperial to IO	Email from Imperial to IO to share the MENDM delegation letter of Sept. 10, 2018.	9/13/2018	N/A – outgoing correspondence, no response required.	180913 Duty to Consult Delegation Letter forwarded to IO
701	10/22/2018	IO HONI	Invited HONI and IO to the Toronto Community Information Session	Imperial invited representatives from HONI and IO to the Toronto Community Information Session in Nov. 2018.	10/22/2018	N/A – outgoing correspondence, no response required.	No
563	10/23/2018	IO	Email from ERM to IO	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No
634	10/26/2018	IO	Email from Imperial to IO, with copy to ERM	Email confirmation from Imperial to IO with the understanding that Imperial should proceed with the Class EA assessment for the scope of undertaking within the HONI corridor. The Class EA scope of the undertaking will include an assessment related to the easement transaction for MGCS land parcels.	11/27/2018	Imperial follow-up from Oct. 24, 2018 meeting and email correspondence from Oct. 26, 2018.	No
93	5/22/2018	MENDM	Email from ERM, on behalf of Imperial, to MENDM	<p>Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.</p> <p>Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).</p>	5/23/2018	MENDM responded that the Crown will provide direction to Imperial on Indigenous communities to consult. MENDM explained that the expected turnaround time is 6 weeks to receive a response. Imperial did not receive MENDM's in 6 weeks but received the response in Sept. 2018 (~3.5 months).	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
207	5/30/2018	MENDM	Email from ERM to MENDM	Email to MENDM providing project map and coordinates. Discussed scheduling a meeting in July 2018 to discuss the duty to consult requirements.	5/30/2018	ERM to set-up meeting in July 2018. Meeting subsequently held on Jul. 20, 2018 (Internal Rec No. 133).	No
133	7/20/2018	MENDM	Meeting with MENDM attended by ERM, Imperial and participation by MTO by teleconference	Meeting with MENDM - Indigenous Energy Policy to provide a Project overview. Discussion on Imperial's Indigenous Guiding Principles and engagement approach. Provided overview of activities with Indigenous communities and participation of Indigenous field monitors program.	7/27/2018	Following the Jul. 20, 2018 meeting with MENDM, ERM provided the GIS shapefile for the Project centreline. Imperial requested MENDM's direction on Indigenous communities to consult for the Project, which was previously requested on May 23, 2018.	180720 A.1 Meeting WFP MOE
468	9/10/2018	MENDM	Letter from MENDM to Imperial	Letter from MENDM dated Sept. 10, 2018 (provided vial email on Sept. 11, 2018) to Imperial providing the Crown's direction delegating the procedural aspects of the duty to consult to Imperial. MENDM directed Imperial to consult the following Indigenous communities: <ul style="list-style-type: none"><li>■ Mississaugas of the Credit First Nation</li><li>■ Six Nations of the Grand River (Six Nations Elected Council and the Haudenosaunee Confederacy Chiefs Council)</li><li>■ Huron-Wendat Nation</li></ul>	9/10/2018	Imperial acknowledged Crown's direction delegating the procedural aspects of the duty to consult to Imperial. Imperial will consult the following Indigenous communities, as directed: <ul style="list-style-type: none"><li>■ Mississaugas of the Credit First Nation</li><li>■ Six Nations of the Grand River (Six Nations Elected Council and the Haudenosaunee Confederacy Chiefs Council)</li><li>■ Huron-Wendat Nation</li></ul>	180910 MOE Delegation Letter to Imperial
421	9/25/2018	MENDM	Email and letter from MENDM to MCFN	Email and letter from MENDM to inform MCFN of the delegation of procedural aspects of consultation to Imperial.	9/25/2018	Imperial received a copy of the letter and acknowledged the Crown's direction and will continue ongoing consultation with the MCFN, Six Nations (elected council and the Haudenosaunee Confederacy Chiefs Council) and Huron-Wendat.	180925 MENDM Notification Letter MCFN
418	9/25/2018	MENDM	Email and letter from MENDM to Six Nations	Email and letter from MENDM to inform Six Nations of the delegation of procedural aspects of consultation to Imperial.	9/25/2018	Imperial received a copy of the letter and acknowledged the Crown's direction and will continue ongoing consultation with the MCFN, Six Nations (elected council and the Haudenosaunee Confederacy Chiefs Council) and Huron-Wendat.	180925 MENDM Notification Letter Six Nations
419	9/27/2018	MENDM	Email and letter from MENDM to HCCC/ HDI	Email and letter from MENDM to inform HCCC/HDI of the delegation of procedural aspects of consultation to Imperial.	9/27/2018	Imperial received a copy of the letter and acknowledged the Crown's direction and will continue ongoing consultation with the MCFN, Six Nations (elected council and the Haudenosaunee Confederacy Chiefs Council) and Huron-Wendat.	180927 MENDM Notification Letter HCCC HDI
420	9/27/2018	MENDM	Email and letter from MENDM to Huron-Wendat	Email and letter from MENDM to inform Huron-Wendat of the delegation of procedural aspects of consultation to Imperial.	9/27/2018	Imperial received a copy of the letter and acknowledged the Crown's direction and will continue ongoing consultation with the MCFN, Six Nations (elected council and the Haudenosaunee Confederacy Chiefs Council) and Huron-Wendat.	180927 MENDM Notification Letter HWN
563	10/23/2018	MENDM	Email from ERM to MENDM	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
732	12/15/2018	MENDM	Teleconference call with Imperial and MENDM	<p>Teleconference call to update MENDM of engagement and consultation with the HCCC/HDI.</p> <ul style="list-style-type: none"> <li>Discussed capacity funding agreement provided for Field Monitoring program.</li> <li>Discussed archaeological assessment concerns and planning process.</li> <li>Requested MENDM confirm that delegation of duty to consult is valid for all permitting and approval applications related to the Project.</li> <li>Requested that MENDM follow-up with the listed regulatory agencies to clarify duty to consult requirements.</li> </ul>	12/15/2018	N/A – see attached meeting minutes.	181215 WFP MENDM teleconference call
87	5/22/2018	MECP	Notification of Project - Ministry of Environment, Conservation and Parks	<p>Formal notification letter of May 22, 2018 of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions.</p> <p>To ensure the continued safe, reliable, and environmentally responsible operation of the SPPL, Imperial is proposing to install an approximately 63-km segment of this line with new pipe. The Project is the proposed installation of the line between the company's pump station in rural Hamilton (Waterdown Station) to its terminal storage facility in Toronto's North York area (Finch Terminal). The existing pipeline will continue to operate until the Project is complete.</p> <p>Letter and Project brochure attached.</p>	6/1/2018	<p>Request from MECP to provide a detailed map including a GIS shapefile. ERM provided the requested GIS shapefile of the Project.</p> <p>Email of Jul. 4, 2018 from MECP Environmental Planner responsible for projects in Halton and Peel Regions noted that MECP is working on putting together a map to identify areas of provincial interest with respect to the Project.</p>	180522 MECP Notification of project
122	6/28/2018	MECP	Response letter from MECP	Response letter from MECP noting that inquiries about environmental permissions should be directed to the MECP Director and a technical staff will be assigned to the project.	8/8/2018	Imperial emailed MECP Director and requested to schedule a meeting w with MECP technical staff. Meeting requested for Aug. 2018, if possible. Meeting with MECP technical staff occurred on Sept. 12, 2018.	No
118	7/4/2018	MECP	Email request from MECP for Project GIS shapefile	Email from the MECP requesting the Project GIS shapefile.	7/4/2018	ERM provided the requested GIS shapefile.	No
439	9/12/2018	MECP	Meeting with MECP about ECA and Water Taking Permits	Pre-submission consultation meeting to discuss the Project, associated water taking permit requirements for the Project.	9/12/2018	N/A – see attached meeting minutes.	180912 A1 Meeting Imperial WFP MECP
409	9/14/2018	MECP	Inquiry from MECP about Class EA process and request for detailed map	Email from MECP requesting a more detailed map of the pipeline showing the southernmost portion of the study area and inquiry on whether a Class EA has been triggered for the Project.	9/17/2018	ERM, on behalf of Imperial, provided Project centreline GIS shapefile on Sept. 17, 2018. Responded that the Public Works Class EA has not begun however, there are ongoing discussions with IO on the Class EA requirements.	No
433	9/18/2018	MECP	Request from MECP for UTM coordinates for Hamilton section of pipeline	MECP requested UTM coordinates for the Hamilton section of the pipeline in response to receiving the Centreline file on Sept. 17, 2018	9/18/2018	ERM provided the UTM coordinate for the start of the pipeline on the Hamilton end, and provided a KMZ file that was compatible with Google Earth.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
563	10/23/2018	MECP	Email from ERM to MECP	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No
636	11/5/2018	MECP	Meeting with MECP attended by ERM and Imperial	Technical discussion with MECP on 2018 proposed field program; estimated water taking; estimated water discharges, management and permit requirements.	11/5/2018	N/A – see attached meeting minutes.	181105 B.1 Meeting Imperial WFP MECP
85	5/22/2018	MOI	Email from ERM, on behalf of Imperial, to MOI	<p>Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.</p> <p>Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).</p>	5/22/2018	N/A – outgoing correspondence, no response required.	180522 Ministry of Infrastructure notification
563	10/23/2018	MOI	Email from ERM to MOI	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No
86	5/22/2018	MMA	Email from ERM, on behalf of Imperial, to MMA	<p>Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.</p> <p>Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).</p>	5/22/2018	N/A – outgoing correspondence, no response required.	180522 MMA Notification of project
563	10/23/2018	MMA	Email from ERM to MMA	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No
567	10/23/2018	MMA	Email from ERM to MMA	Confirmed teleconference meeting for Nov. 16, 2018 with MMA. Imperial will provide a project overview, information on routing, describe the regulatory process, construction methods, and proposed ways to avoid, minimize and mitigation construction impacts. Imperial explained that the Project is located one-third on an existing Imperial ROW and the remaining two-thirds on an existing HONI utility corridor ROW. No anticipated impacts to the Parkway Belt West.	11/8/2018	Teleconference meeting with MMA scheduled for Nov. 16, 2018.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
635	11/16/2018	MMA	Teleconference call with MMA attended by ERM and Imperial	Teleconference call with MMA to provide an overview of the Project and a discussion on the Parkway Belt.  MMA indicated that there are no concerns with the Project and its compatibility with the Parkway Belt, since the overall objective of the Parkway Belt was intended to protect linear corridors for the development of transportation, roads and utility corridors.	11/16/2018	N/A - see attached meeting minutes.	181116 A.1 WFP MMAH
106	3/2/2018	MNRF	Email from ERM to MNRF	Email to MNRF to request a meeting to discuss the field program methodology.	3/2/2018	Response from MNRF Guelph district to complete the Information Request Form for natural heritage and species at risk information. Meeting with MNRF district staff planned for end of Mar. 2018.	180302 MNRF Guelph District response to project
107	3/20/2018	MNRF	Meeting with MNRF - Aurora district attended by ERM and Savanta	Meeting with MNRF – Aurora district to provide a Project overview and confirm planned field surveys approach and methods. Requested Species at Risk data from MNRF and discussed concurrent OEB LTC application and MNRF permitting requirements.	4/3/2018	N/A - see attached meeting minutes.	180320 A.1 Imperial_WFP_ MNRF Aurora _Meeting Notes
108	4/4/2018	MNRF	Meeting with MNRF - Guelph district attended by ERM and Savanta	Meeting with MNRF – Guelph district to provide a Project overview and confirm planned field surveys approach and methods. Requested Species at Risk data from MNRF and discussed concurrent OEB LTC and MNRF permitting requirements.	4/5/2018	Following meeting with MNRF, ERM shared OEB’s Environmental Guidelines and provide the name of OEB’s OPCC Chair.  MNRF responded on Apr. 9, 2018 with details on available SAR habitat mapping, survey protocols, PPS/Significant Wildlife Habitat, and additional guidance.	180404 MNRF Guelph District response to project overview meeting
401	4/18/2018	MRNF	Email from ERM to MNRF	Email to MNRF Aurora and Guelph district offices with ERM's field survey methods for review and comment. Request to MNRF to confirm that the methods met expectations for the Project.	4/23/2018	MNRF Aurora district responded on Apr. 23, 2018 with comments on plant surveys, breeding bird surveys, Blanding’s turtle, snake surveys, and SAR bat data.	180418 MNRF Aurora response to field survey methods
109	5/22/2018	MNRF	Email from ERM, on behalf of Imperial to MNRF	Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.  Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company’s pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto’s North York area (Finch Terminal).	5/23/2018	Email forwarded to MNRF Aurora office emailed request for more information on construction methods of pipeline installation including a detailed map.	180522 MNRF Notification of project
208	5/23/2018	MNRF	Email from MNRF to ERM	Email from MNRF to request details of pipeline construction methods and location information of the Project. Request for a more detailed map of the project footprint to determine the potential for <i>Endangered Species Act</i> authorizations.	6/1/2018	Meeting with MNRF scheduled in July 2018 to discuss draft Information Gathering Form and field survey results, to-date and Project construction methods as requested in MNRF meeting of Mar. 2018.  As requested on May 23, 2018, provided a more detailed map of the Project footprint.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
226	7/18/2018	MNRF	Email from ERM to MNRF	Email to Conservation Authorities and regulatory agencies to share the geotechnical investigation borehole locations and access plans for their review. ERM communicated that the boreholes are planned to start the end of July/early Aug. 2018 and take approximately three months to complete. On July 31, 2018, ERM provided the Environmental Protection Plan for the geotechnical investigation program.	7/25/2018	<p>Responses from Conservation Authorities and regulatory agencies attached.</p> <p>CVC response (Jul. 18, 2018) – Responded that no permit is required from CVC for boreholes since there is no grading or fill placement or expected vegetation removal associated with the boreholes.</p> <p>HCA response (Jul. 25, 2018) – Responded that Imperial is not required to obtain written approval for the completion of the easterly borehole within regulated area and the access is along the cleared portion of the pipeline ROW (no additional disturbance should be required).</p> <p>TRCA response (Aug. 1, 2018) - Responded with a letter with comments on the TRCA regulated boreholes. Further correspondences on Sept. 11, 2018 regarding a contingency plan to manage flowing artesian conditions.</p> <p>NEC response (Aug. 7, 2018) - Provided an exemption letter for borehole - no development permit is required from the NEC.</p> <p>MTCS response (Aug. 1, 2018) - Acknowledged receipt of documents. Indicated no comment at this time.</p> <p>MNRF Guelph district response (Aug. 2, 2018) - Responded that no drilling is permitted within 300 m of a Jefferson Salamander pond. ERM followed-up with MNRF to discuss whether Borehole #9 is within 300m of a breeding wetland.</p> <p>CH response (Aug. 2, 2018) - Responded that plans have been reviewed, and CH has no concerns at this time.</p> <p>MNRF Aurora district response (Aug. 9, 2018) - Responded with no concerns with borehole drilling outside of the Jefferson Salamander identified area.</p>	180718 multiple docs
499	7/25/2018	MNRF	Email from ERM to MNRF	Email to MNRF Aurora district to request information on Species at Risk regulated habitat (provincial SAR), contributing habitat (provincial SAR), and documented fish species to determine distance to Project and timing windows for in-stream works.	10/16/2018	MNRF responded indicating that Bronte Creek, Sixteen Mile Creek and East Sixteen Mile Creek are Silver Shiner and American Eel habitat. These species have general habitat protection. The habitat of American Eel is essentially the watercourse itself. The habitat of Silver Shiner includes the floodplain and the watercourse. In the habitat of these two species requirement that in-water work and higher risk activities within the floodplain be undertaken between Jul. 1 to Sept. 15, 2018. Thermal regime and fish species information is available in Land Information Ontario (LIO). Unless MNRF has a regulatory/permitting role, local Conservation Authority and/or Fisheries Management Plans should be consulted for fisheries timing windows.	No
498	8/8/2018	MNRF	Email from ERM to MNRF	Email request to MNRF Guelph district for information on Species at Risk regulated habitat (provincial SAR), contributing habitat (provincial SAR), and documented fish species to determine distance to Project and timing windows for in-stream works.	9/17/2018	MNRF Guelph district provided SAR habitat mapping (Blanding's Turtle, Cat 2 – note, no mapped the Category 3 habitat) and Jefferson Salamander habitat mapping for the project area in Guelph district only. In addition, a list of SAR in close proximity to the Project was provided (Eastern Wood Pewee, Snapping Turtle, Barn Swallow, Common Nighthawk, Chimney Swift, Butternut, Jefferson Salamander, Unisexual Ambystoma (Jefferson-dominated population),Blanding's Turtle. Regarding in-water work timing windows, 4 of 59 provided sites were within Guelph district.	No

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398	8/28/2018	MNRF	Email from ERM to MNRF	Email to MNRF Aurora and Guelph district offices to request a meeting to review field program results to-date and preliminary environmental protection and mitigation planning for: <ul style="list-style-type: none"><li>JESA Regulated Habitat and other Species at Risk (Plants, Birds, Reptiles, and, Mammals);</li><li>Provincially Significant Wetlands, un-evaluated wetlands, Conservation Authority regulated wetlands; and</li><li>watercourse in-water work windows – for watercourses where trenched pipeline installation methods are proposed.</li></ul>	9/13/2018	Meeting scheduled with MNRF for Sept. 13, 2018.	No
438	9/13/2018	MNRF	Meeting with MNRF Aurora and Guelph districts attended by ERM, Imperial and Savanta	Meeting with the MNRF Aurora and Guelph district offices to provide an update on the Project, discuss the Information Gathering Form (IGF), and other MNRF requirements/guidance.	9/13/2018	N/A – see attached meeting minutes.	180913 A1 Meeting Imperial WFP MNRF Aurora
412	9/19/2018	MNRF	Teleconference call with ERM, Imperial and MRNF. Email from Imperial to MNRF	Telephone discussion with MNRF Aurora and Guelph districts Lands and Waters technical specialists about requirements for watercourse crossings.	9/20/2018	Follow-up summary email sent to MNRF asking for a copy of a typical easement application for watercourse crossings, and legislative background for easement application requirements (or guideline for easement requirements).	180919 Response to questions from MNRF lands technician
413	9/21/2018	MNRF	Email from Imperial to MNRF	Email invitation to MNRF Aurora and Guelph districts to attend a planned Emergency Response simulation exercise for the Project.	9/21/2018	N/A – outgoing correspondence, no response required.	No
497	10/11/2018	MNRF	Email from ERM to MNRF, copied Imperial	Email to MNRF indicating that MTCS is of the opinion that Stage 2 archaeological assessment ploughing within JESA regulated habitat is acceptable as this method is consistent with the level of disturbance from landowners ploughing their fields for agricultural purposes. Details of the Stage 2 test pitting was shared. Request to MNRF to confirm agreement with Stage 2 archaeological assessment methods within JESA regulated habitat.	10/11/2018	MNRF responded indicating that the Stage 2 archaeological assessment within JESA regulated habitat needs to be completed outside of the Restricted Activity Period (RAP) for the species.  ERM confirmed that the Stage 2 archaeological assessment was conducted outside of the RAP for JESA within regulated habitat.	No
563	10/23/2018	MNRF	Email from ERM to MNRF	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No
639	11/8/2018	MNRF	Teleconference call with CanACRE, ERM, Imperial, MRNF and Savanta.	Teleconference call with MNRF Lands and Waters technical specialist about potential licenses of occupation (LOs) for the Project.	11/20/2018	MNRF requested a copy of the OEB Environmental Guidelines. Imperial provided the requested OEB Environmental Guidelines.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
641	11/15/2018	MNRF	Email from MNRF to ERM and Savanta	Email from MNRF, Aurora district Planner requested Butternut Health Assessments that have been completed along the project route, including photos and identified relationships (e.g. disturbance) to proposed surface works.	11/15/2018	<p>The Project team Senior Ecologist responded to MNRF request indicating that Health Assessments have been conducted for the majority of Butternuts currently identified along the route.</p> <p>MNRF responded indicating that they would like to receive all of the Health Assessments at this time, along with locations on photomaps and known distances to proposed works including archaeological test pitting.</p> <p>On Jan. 18, 2018, Savanta and ERM provided the requested information to MNRF. Health assessment of the Butternut trees along the Project route was shared with MNRF for their review.</p>	No
718	12/5/2018	MNRF	Email from ERM to MNRF	Email to MNRF Aurora and Guelph district offices inquiring whether there were concerns or objections to Stage 2 archaeology assessment test pitting (i.e., hand dug pits at 30 cm wide X up to 1m depth) within JESA regulated habitat over the next few weeks. No Butternut trees observed to-date fall within 25m of the planned test pitting for the geotechnical investigation or the Stage 2 archaeological assessment.	12/5/2018	MNRF Aurora and Guelph district offices responded that there were no concerns with the proposed archaeological assessment test pitting.	No
728	12/20/2018	MNRF	Email from Imperial to MNRF	<p>Email to participants and regulatory agencies as a follow-up to the emergency response desktop planning exercise. In Oct. 2018, Imperial held a three day large-scale emergency response exercise that included internal and external participants. The first day of the event comprised of training rotations for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation.</p> <p>A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/20/2018	N/A – outgoing correspondence, no response required.	No
88	5/22/2018	MTCS	Email from ERM, on behalf of Imperial, to MTCS	<p>Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.</p> <p>Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).</p>	5/22/2018	N/A – outgoing correspondence, no response required.	180522 MTCS Notification of project

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209	6/1/2018	MTCS	MTCS response to Project notification	Response from MTCS advising to screen the Project with the MTCS Criteria for Evaluating Archaeological Potential to determine if an archaeological assessment is needed. If the project area exhibits archaeological potential, then an archaeological assessment (AA) should be undertaken by an archaeologist licensed under the <i>Ontario Heritage Act</i> .	6/1/2018	Imperial responded that a Stage 1 Archaeological Assessment study in accordance with MTCS Standards and Guidelines for Consultant Archaeologists (2011) on the pipeline's preliminary preferred route is being completed, and a site inspection was undertaken in Nov. 2017 to augment results of the desktop analysis.	No
465	6/28/2018	MTCS	Meeting with MTCS, attended by ERM, Imperial, Past Recovery	Meeting with MTCS to introduce the Project and introduce Past Recovery licensed archaeologist. Discussion to confirm MTCS archaeological assessment requirements and cultural heritage study planning. Discussion on OEB LTC process.	6/28/2018	N/A – see attached meeting minutes.	180628 A.1 Meeting Imperial_WFP MTCS
226	7/18/2018	MTCS	Email from ERM to MTCS	Email to Conservation Authorities and regulatory agencies to share the geotechnical investigation borehole locations and access plans for their review. ERM communicated that the boreholes are planned to start the end of July/early Aug. 2018 and take approximately three months to complete. On Jul. 31, 2018, ERM provided the Environmental Protection Plan for the geotechnical investigation program.	7/25/2018	<p>Responses from Conservation Authorities and regulatory agencies attached.</p> <p>CVC response (Jul. 18, 2018) – Responded that no permit is required from CVC for boreholes since there is no grading or fill placement or expected vegetation removal associated with the boreholes.</p> <p>HCA response (Jul. 25, 2018) – Responded that Imperial is not required to obtain written approval for the completion of the easterly borehole within regulated area and the access is along the cleared portion of the pipeline ROW (no additional disturbance should be required).</p> <p>TRCA response (Aug. 1, 2018) - Responded with a letter with comments on the TRCA regulated boreholes. Further correspondences on Sept. 11, 2018 regarding a contingency plan to manage flowing artesian conditions.</p> <p>NEC response (Aug. 7, 2018) - Provided an exemption letter for borehole - no development permit is required from the NEC.</p> <p>MTCS response (Aug. 1, 2018) - Acknowledged receipt of documents. Indicated no comment at this time.</p> <p>MNRF Guelph district response (Aug. 2, 2018) - Responded that no drilling is permitted within 300 m of a Jefferson Salamander pond. ERM followed-up with MNRF to discuss whether Borehole #9 is within 300m of a breeding wetland.</p> <p>CH response (Aug. 2, 2018) - Responded that plans have been reviewed, and CH has no concerns at this time.</p> <p>MNRF Aurora district response (Aug. 9, 2018) - Responded with no concerns with borehole drilling outside of the Jefferson Salamander identified area.</p>	180718 multiple docs
405	8/3/2018	MTCS	Email from UMcA to MTCS	Email to MTCS from Unterman McPhail Associates (UMcA), UMcA indicated that the construction corridor will be 25 m in width - 12.5 m on either side of the center line with two-thirds of the study being completed on HONI corridor lands. UMcA will apply a 50 m study buffer to either side of the 25 m construction zone to review cultural heritage resources of interest and significance that may receive affects from the Project. Each municipality will be contacted through the study area to review listed or designated properties on municipal registers. A survey will be prepared on existing conditions and identify potential sensitivities.	8/7/2018	Email response from MTCS on Aug. 7, 2018 indicated that the proposed approach was satisfactory and consistent with other gas pipeline projects. Laura Hatcher, MTCS Heritage Planner, who is assigned to this file (MTCS File# 0009034) was copied on the information.	180803 MTCS response to proposed Archaeology approach

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563	10/23/2018	MTCS	Email from ERM to MTCS	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No
89	5/22/2018	MTO	Email from ERM, on behalf of Imperial, to MTO	<p>Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.</p> <p>Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).</p>	5/22/2018	N/A – outgoing correspondence, no response required.	No
502	7/17/2018	MTO	Meeting with MTO attended by 407 ETR, CanACRE, Imperial, and Stantec	<p>Imperial provided the MTO with an overview of the Project. Imperial and the MTO discussed affected MTO lands and requirements of the project.</p> <p>Imperial explained that construction will occur in phases to ensure that there are no conflicts with existing projects on MTO's rights-of-way. Imperial will do its best to conduct construction in stages while gathering input on schedules for other projects (e.g. Finch LRT, Highway 400/Finch Avenue, Highway 427) to avoid conflicts and find scheduling solutions.</p> <p>Each specific individual crossing between the Waterdown to Finch Project and MTO lands were discussed. Permitting and MTO requirements were discussed as well.</p>	7/17/2018	N/A – see attached meeting minutes.	180717 WFP MTO CanACRE
511	10/3/2018	MTO	Meeting with MTO attended by CanACRE and Imperial	<p>Meeting with MTO to determine current progress and next steps on applications submitted for archaeological/geotechnical surveys and the initial lands submission related to the proposed route.</p> <p>A status update was provided on the geotechnical surveys application, including soil bore location review document provided on Sep 19, 2018 and the archaeological surveys application. Imperial confirmed that the initial submission to MTO was sent on Aug 28, 2018. Imperial requested information on ongoing/future MTO projects along the proposed project route.</p> <p>Imperial to keep the MTO informed of project construction schedule and phasing, once available. In addition, the following actions were identified:</p> <ul style="list-style-type: none"><li>■ CanACRE to provide list of questions for MTO Foundations group and to schedule discussion on the geotechnical investigations, if needed.</li><li>■ Imperial to call MTO Corridor Management officer regarding permit fees.</li></ul>	11/15/2018	Imperial to close out engagement actions.	181003 WFP MTO CanACRE
607	11/13/2018	MTO	Follow-up call with MTO regarding land matters related permitting	Teleconference call with MTO to provide a status update on soil borehole locations, determine current progress on the initial lands submission related to the proposed route, determine permit requirements for MGCS parcel crossings with MTO infrastructure, and follow-up on progress on action items from previous call in Oct. 2018.	11/13/2018	N/A – one-time meeting held, no response required.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
75	5/22/2018	NEC	Email from ERM, on behalf of Imperial, to NEC	<p>Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.</p> <p>Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).</p>	5/28/2018	Request by NEC for GIS shapefile with Project centreline of latest route. ERM provided requested GIS shapefile.	180522 NEC Notification of project
96	6/11/2018	NEC CH	Meeting with NEC and CH attended by Imperial and ERM	Meeting with NEC and CH to provide a Project overview. Discussion on ongoing and planned bio-physical and cultural studies, concurrent LTC and Conservation Authority/NEC permitting. Confirmed Conservation Authority/NEC permit requirements and requested a data sharing agreement.	6/19/2018	CH provided a link to the data sharing request form. Imperial and CH agreed to invite the Project lands team to a future meeting.	180611 A.1 Imperial_WFP_NEC_CH_Meeting Notes_FINAL
212	7/9/2018	NEC	Email from NEC to ERM and Imperial	Memo from NEC with applicable policies for consideration with respect to the Project.	7/12/2018	ERM and Imperial acknowledged receipt of NEC guidance documents.	180709 - NEC preliminary input into project memo
226	7/18/2018	NEC	Email from ERM to NEC	Email to Conservation Authorities and regulatory agencies to share the geotechnical investigation borehole locations and access plans for their review. ERM communicated that the boreholes are planned to start the end of July/early Aug. 2018 and take approximately three months to complete. On Jul. 31, 2018, ERM provided the Environmental Protection Plan for the geotechnical investigation program.	7/25/2018	<p>Responses from Conservation Authorities and regulatory agencies attached.</p> <p>CVC response (Jul. 18, 2018) – Responded that no permit is required from CVC for boreholes since there is no grading or fill placement or expected vegetation removal associated with the boreholes.</p> <p>HCA response (Jul. 25, 2018) – Responded that Imperial is not required to obtain written approval for the completion of the easterly borehole within regulated area and the access is along the cleared portion of the pipeline ROW (no additional disturbance should be required).</p> <p>TRCA response (Aug. 1, 2018) - Responded with a letter with comments on the TRCA regulated boreholes. Further correspondences on Sept. 11, 2018 regarding a contingency plan to manage flowing artesian conditions.</p> <p>NEC response (Aug. 7, 2018) - Provided an exemption letter for borehole - no development permit is required from the NEC.</p> <p>MTCS response (Aug. 1, 2018) - Acknowledged receipt of documents. Indicated no comment at this time.</p> <p>MNRF Guelph district response (Aug. 2, 2018) - Responded that no drilling is permitted within 300 m of a Jefferson Salamander pond. ERM followed-up with MNRF to discuss whether Borehole #9 is within 300m of a breeding wetland.</p> <p>CH response (Aug. 2, 2018) - Responded that plans have been reviewed, and CH has no concerns at this time.</p>	180718 multiple docs

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
						MNRF Aurora district response (Aug. 9, 2018) - Responded with no concerns with borehole drilling outside of the Jefferson Salamander identified area.	
410	9/18/2018	NEC	Share with NEC project spatial data	Email to NEC to share an updated spatial data package for the Project. The package included a revised pipeline centreline, revised geotechnical borehole and access road locations, and trenchless construction method locations.	9/18/2018	N/A – outgoing correspondence, no response required.	No
569	10/25/2018	NEC	Email from ERM to NEC	As requested by NEC, a notification was sent to the NEC that work will be initiated within the Niagara Escarpment Plan area at Borehole BH10 and Borehole BH11 on Oct. 25, 2018.	11/8/2018	N/A – outgoing correspondence, no response required.	No
731	12/19/2018	NEC	Follow-up email on Emergency Response exercise held in Oct. 2018.	<p>In Oct. 2018, Imperial held a three day large-scale emergency response exercise that included internal and external participants. The first day of the event comprised of training for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation.</p> <p>A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/19/2018	N/A – outgoing correspondence, no response required.	No
91	2/23/2018	OEB	Email from ERM to OEB staff	Email to OEB to provide a Project overview. Requested a meeting to discuss project timelines and LTC application process.	2/23/2018	OEB confirmed receipt of the Project overview and meeting request.	180223 OEB email prospective LTC application.pdf
92	3/7/2018	OEB	Meeting with OEB staff attended by ERM and Imperial	Meeting with OEB as a follow-up to Feb. 23, 2018 request by ERM. OEB provided guidance to engage MENDM to determine Indigenous consultation requirements. OEB provided the list of OPCC members. Discussion on the Environmental Report, OPCC review process, constraints map, Community Information Sessions, and the LTC application process.	5/23/2018	Imperial confirmed it will follow OEB's guidance to consult the OPCC members. Imperial will engage MENDM to seek their determination on the duty to consult and the list of Indigenous communities to consult for the Project. Meeting minutes attached.	180307 A.1 Imperial_WFP_OEB_Meeting Notes_Final
403	3/22/2018	OEB	Email from OEB staff to ERM	OEB staff provided follow-up email after meeting with direction to seek MENDM's guidance on the Indigenous consultation process.	3/22/2018	Imperial will engage MENDM per OEB's direction.	No
90	5/22/2018	OEB	Email from ERM, on behalf of Imperial, to OEB staff	<p>Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.</p> <p>Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally</p>	5/22/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
				responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).			
214	7/13/2018	OEB	Teleconference call with ERM and OEB staff	Teleconference call with OEB to provide an update on upcoming Community Information Sessions; an update on meetings with OPCC and Ministries; update on meetings with Indigenous communities and an update on the geotechnical investigation program. OEB staff provided guidance on the LTC application filing requirements.	7/27/2018	OEB staff provided a LTC application minimum filing requirements. OEB provided guidance that the economic feasibility and rate impacts considerations apply to regulated utilities only and not to this Project.	180713 - OEB Hydrocarbon Pipeline LTC Applic Min Reqs (ImpOil)
469	7/27/2018	OEB	Email from OEB staff to ERM	Email from OEB staff providing an attachment with the OEB's guidance on minimum filing requirements for a typical LTC application.	7/27/2018	ERM acknowledged receipt of OEB's LTC guidance.	No
563	10/23/2018	OEB	Email from ERM to OEB staff	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No
714	12/4/2018	OEB	Teleconference call with ERM and OEB staff. Email from ERM to OEB staff	Teleconference call with OEB staff to discuss the LTC distribution format (electronic, hardcopy, e-filing). Clarified that unless specifically requested, LTC distribution format can be provided electronically. Clarify that Stage 1 Archaeology report can be added, if available. If not available, provide a description of comments received to date by Indigenous communities.  Discussed anticipated filing date and to anticipate a letter of intention from Imperial.  OEB staff noted that the LTC Exhibit relating to Project Costs is not applicable to Imperial as Imperial is a private, non-rate regulated entity. Exhibit section on economic feasibility is also not required.	12/4/2018	ERM acknowledged that LTC Exhibit relating to Project Costs and economic feasibility will not be required because Imperial is a private, non-rate regulated entity.	181204 OEB Correspondence
730	12/20/2018	OEB	Email from ERM, on behalf of Imperial to OEB staff	Email to OEB staff with a copy of the letter of intent notifying OEB staff and OEB Secretary of anticipated LTC application filing in Q1 2019. Timing for submission remains the same as planned and as disclosed previously in the July and November 2018 Community Information Sessions.	12/20/2018	N/A – outgoing correspondence, no response required.	181220 OEB Correspondence Letter of Intent
84	5/22/2018	OMAFRA	Email from ERM, on behalf of Imperial, to OMAFRA	Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.  Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).	5/22/2018	N/A – outgoing correspondence, no response required.	180522 OMAFRA Notification of project

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
132	7/5/2018	OMAFRA	Teleconference with OMAFRA attended by ERM and Imperial	Teleconference call with OMAFRA following the Project notification. Imperial provided a Project overview and explained Imperial's land matters consultation process. Imperial provided information on the upcoming Community Information Sessions.	7/5/2018	N/A – see attached meeting minutes.	180705 A.1 Meeting Imperial WFP OMAFRA
217	7/12/2018	OMAFRA	Teleconference with OMAFRA attended by ERM and Imperial	Follow-up questions from OMAFRA representative regarding Class EA requirements and permitting requirements.	7/12/2018	N/A – one-time call held, no response required.	No
563	10/23/2018	OMAFRA	Email from ERM to OMAFRA	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No
121	5/22/2018	TC	Email from ERM, on behalf of Imperial, to TC	Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.  Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).	5/23/2018	Imperial acknowledged comment from TC and will self-assess if Project will interact with Transport Canada requirements.	180522 TC Notification of project
563	10/23/2018	TC	Email from ERM to OEB staff	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/23/2018	N/A – outgoing correspondence, no response required.	No
638	10/23/2018	TC	Email from ERM to TC	Email to TC Regional Manager of Navigation Protection Program to provide information on the Project, including a link to the project website, and notification of upcoming Community Information Sessions. Request to schedule a meeting with TC's point person on the file for managing TC requirements.	10/24/2018	TC Regional Manager responded indicated a member of the team would follow up with ERM. Subsequent conference call with TC occurred on Nov. 26, 2018.	No
717	11/26/2018	TC	Teleconference call with TC attended by ERM and Imperial	Teleconference call with TC Inspection Officer for the Navigation Protection Program to introduce the Project and discuss applicability of regulatory requirements.	11/26/2018	N/A – see attached meeting minutes.	181126 B.1 Meeting Notes Imperial_WFP_Transport Canada
94	5/22/2018	TRCA	Email from ERM, on behalf of Imperial, to TRCA	Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.  Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally	5/22/2018	N/A – outgoing correspondence, no response required.	180522 TRCA notification of project

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
				responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).			
110	6/8/2018	TRCA	Email correspondence with TRCA regarding GIS mapping	Request to TRCA for GIS mapping layers to inform the environmental assessment and Project planning.	6/8/2018	N/A – outgoing correspondence, no response required.	No
103	6/14/2018	TRCA	Meeting with TRCA attended by ERM, Imperial and Savanta	Meeting with TRCA to provide a Project overview. Discussion on ongoing and planned bio-physical and cultural studies, concurrent LTC and Conservation Authority/NEC permitting. Confirmed Conservation Authority/NEC permit requirements and requested a data sharing agreement.	6/14/2018	N/A – one-time meeting held, no response required.	180614 A.2 Imperial_WFP_ TRCA_Meeting Notes
78	7/3/2018	TRCA	Teleconference call with ERM, Imperial and TRCA	Teleconference call with TRCA to highlight planned start of geotechnical work on Jul. 23, 2018 and inquired about whether an independent TRCA archaeological assessment would be required. Provided outline of the geotechnical program and confirmed that the approach had been reviewed by MTCS.	7/3/2018	TRCA confirmed that no independent archaeology work is required since no geotechnical investigation is being conducted on TRCA-owned lands; all within HONI corridor. Imperial confirmed and provided TRCA a map of proposed geotechnical access and sites for information sharing.  TRCA confirmed that it will review the map and identify if any permitting is required. TRCA asked about access and what type of equipment is being used. Imperial responded that this will be addressed in the Environmental Protection Plan memo to be provided.	No
226	7/18/2018	TRCA	Email from ERM to TRCA	Email to Conservation Authorities and regulatory agencies to share the geotechnical investigation borehole locations and access plans for their review. ERM communicated that the boreholes are planned to start the end of July/early Aug. 2018 and take approximately three months to complete. On Jul. 31, 2018, ERM provided the Environmental Protection Plan for the geotechnical investigation program.	7/25/2018	Responses from Conservation Authorities and regulatory agencies attached.  CVC response (Jul. 18, 2018) – Responded that no permit is required from CVC for boreholes since there is no grading or fill placement or expected vegetation removal associated with the boreholes.  HCA response (Jul. 25, 2018) – Responded that Imperial is not required to obtain written approval for the completion of the easterly borehole within regulated area and the access is along the cleared portion of the pipeline ROW (no additional disturbance should be required).  TRCA response (Aug. 1, 2018) - Responded with a letter with comments on the TRCA regulated boreholes. Further correspondences on Sept. 11, 2018 regarding a contingency plan to manage flowing artesian conditions.  NEC response (Aug. 7, 2018) - Provided an exemption letter for borehole - no development permit is required from the NEC.  MTCS response (Aug. 1, 2018) - Acknowledged receipt of documents. Indicated no comment at this time.	180718 multiple docs

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
						<p>MNRF Guelph district response (Aug. 2, 2018) - Responded that no drilling is permitted within 300 m of a Jefferson Salamander pond. ERM followed-up with MNRF to discuss whether Borehole #9 is within 300m of a breeding wetland.</p> <p>CH response (Aug. 2, 2018) - Responded that plans have been reviewed, and CH has no concerns at this time.</p> <p>MNRF Aurora district response (Aug. 9, 2018) - Responded with no concerns with borehole drilling outside of the Jefferson Salamander identified area.</p>	
225	7/25/2018	TRCA	Email from TRCA to Imperial and ERM	Email and letter from TRCA describing TRCA's areas of interest and requirements related to the Project.	7/30/2018	<p>Imperial acknowledged receipt of response letter, and indicated that many of the listed concerns will be addressed during detailed engineering phase. Information provided included a copy of the display boards used at the July 2018 Community Information Sessions, which was also uploaded to the Project webpage. Confirmation that the TRCA watershed specialists will be added to the project distribution list.</p> <p>On Jul. 31, 2018, TRCA staff provided additional comments pertaining to source protection.</p>	180725 TRCA response to the project
396	8/14/2018	TRCA	Email from Imperial to TRCA	Imperial provided TRCA with the signed data sharing agreements for Imperial, UPI, ERM, and Savanta.	8/14/2018	N/A – outgoing correspondence, no response required.	180814 TRCA Data Sharing Agreement_ALL
495	10/9/2018	TRCA	Email from ERM to TRCA	Email to TRCA to request information on Species at Risk in TRCA jurisdiction on regulated habitat (provincial SAR), contributing habitat (provincial SAR), and documented fish species to determine distance to Project and timing windows for in-stream works.	10/12/2018	TRCA responded advising Species at Risk (SAR) information request be sent to MNRF. TRCA has fish records available for download on the Open Data and Information webpage.	No
414	9/21/2018	TRCA	Email from Imperial to TRCA	Email invitation to TRCA to attend the planned Emergency Response exercise.	9/21/2018	N/A – outgoing correspondence, no response required.	No
563	10/23/2018	TRCA	Email from ERM to TRCA	Email to regulatory agencies to provide update and share the dates of the upcoming Nov. 2018 Community Information Sessions.	10/29/2018	N/A – outgoing correspondence, no response required.	181029 - TRCA Community Information Session 1 Response
466	10/4/2018	TRCA	Imperial emergency response desktop simulation exercise with stakeholders	<p>Participants were led on a tour of Imperial's emergency response desktop exercise related to a simulated release from Imperial's Sarnia Products Pipeline in the Humber River. Participants were led by members of the Imperial Americas Regional Response Team (ARRT) through the Command Centre.</p> <p>Imperial shared how the company is prepared at any point to respond with a fully equipped, trained and resourced team. Imperial demonstrated how they would put their emergency response plan into action, prioritizing the protection of people and the environment. Imperial demonstrated how partnership with the regulatory agencies, governments, emergency services, contractors, Indigenous groups and the community is critical to emergency response training and response.</p>	10/12/2018	Imperial sent a follow-up email to all attendees in Dec. 2018 thanking them for their participation in the exercise.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
731	12/19/2018	TRCA	Follow-up email on Emergency Response exercise held in Oct. 2018.	<p>In Oct. 2018, Imperial held a three day large-scale emergency response exercise that included internal and external participants. The first day of the event comprised of training for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation.</p> <p>A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/19/2018	N/A – outgoing correspondence, no response required.	No
729	12/20/2018	TRCA	Follow-up email on Emergency Response exercise held in Oct. 2018	<p>In Oct. 2018, Imperial held a three day large-scale emergency response exercise that included internal and external participants. The first day of the event comprised of training for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation.</p> <p>A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/20/2018	N/A – outgoing correspondence, no response required.	No
95	5/22/2018	TSSA	Email from ERM, on behalf of Imperial, to TSSA staff	<p>Email of May 22, 2018 to OPCC to provide notification of Imperial's Project. Request to schedule a meeting to discuss the Project, share information and answer questions. Letter and Project brochure attached to Project notification email.</p> <p>Operating safely for many decades, Imperial's SPPL is important infrastructure that provides refined products used by households and businesses across the Greater Toronto and Hamilton Area. To support continued safe, reliable, and environmentally responsible transportation of the products, Imperial is planning to construct and operate a new pipeline that will replace the transportation capabilities of the existing SPPL. The Project is the proposed installation of approximately 63-kilometres of pipeline between the company's pump station in rural Hamilton (Waterdown Station) and its terminal storage facility in Toronto's North York area (Finch Terminal).</p>	6/11/2018	TSSA confirmed receipt of Project notification. Requested that Imperial complete the Service Request for Consultation in order to schedule a meeting to discuss the Project. Imperial completed the Service Request for Consultation form and submitted to the TSSA.	180522 TSSA Notification of project

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
127	6/1/2018	TSSA	Email to TSSA	Previous hardcopy correspondence to the TSSA of the Project notification to undelivered.  Email to TSSA providing an electronic version of the Project notification package.	6/1/2018	TSSA confirmed receipt on Project notification package.	No
134	7/13/2018	TSSA	Teleconference call with ERM and TSSA	Teleconference call with TSSA. TSSA provided advice to consult TSSA Safety Legislation Ontario Regulation 210/01: Oil and Gas Pipeline Systems Corresponding Director's Order (revision to section 6 of Ontario Regulation 210/01) FS-238-18 - Oil and Gas Pipelines CAD Amendment (Feb. 15, 2018).  CSA Z662-15 (Oil and Gas Pipeline Systems).	7/13/2018	N/A – one-time call held, no response required.	No
464	10/10/2018	TSSA	Meeting with TSSA attended by ERM, Imperial and UPI	Meeting with the TSSA. <ul style="list-style-type: none"><li>■ Provided TSSA with a Project overview.</li><li>■ Confirmed with TSSA that Imperial's Licence to Operate requirements from existing pipeline to new pipeline is in-place.</li><li>■ Sought TSSA guidance on their engineering review requirements.</li></ul>	10/10/2018	N/A – see attached meeting minutes.	181010 A.1 Meeting Imperial WFP TSSA
466	10/4/2018	TSSA	Imperial emergency response desktop simulation exercise with stakeholders	Participants were led on a tour of Imperial's emergency response desktop exercise related to a simulated release from Imperial's Sarnia Products Pipeline in the Humber River. Participants were led by members of the Imperial Americas Regional Response Team (ARRT) through the Command Centre.  Imperial shared how the company is prepared at any point to respond with a fully equipped, trained and resourced team. Imperial demonstrated how they would put their emergency response plan into action, prioritizing the protection of people and the environment. Imperial demonstrated how partnership with the regulatory agencies, governments, emergency services, contractors, Indigenous groups and the community is critical to emergency response training and response.	10/12/2018	Imperial sent a follow-up email to all attendees in Dec. 2018 thanking them for their participation in the exercise.	No
729	12/20/2018	TSSA	Follow-up email on Emergency Response exercise held in Oct. 2018	In Oct. 2018, Imperial held a three day large-scale emergency response exercise that included internal and external participants. The first day of the event comprised of training for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.  The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation.  A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a> .	12/20/2018	N/A – outgoing correspondence, no response required.	No
779	2/1/2019	NEC	Email from ERM to the NEC	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	N/A - outgoing correspondence, no response required	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
750	1/16/2019	CH	Email from Imperial to CH	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No
779	2/1/2019	CH	Email from ERM, on behalf of Imperial, to the CH	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	N/A - outgoing correspondence, no response required	No
779	2/1/2019	Credit Valley Conservation Authority	Email from ERM, on behalf of Imperial, to CVC	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	N/A - outgoing correspondence, no response required	No
750	1/16/2019	CVC	Email from Imperial to CVC	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No
785	2/1/2019	DFO	Email from ERM, on behalf of Imperial to DFO	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	N/A - outgoing correspondence, no response required	No
750	1/16/2019	HCA	Email from Imperial to HCA	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No
779	2/1/2019	HCA	Email from ERM, on behalf of Imperial, to HCA	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	N/A - outgoing correspondence, no response required	No
750	1/16/2019	IO	Email from Imperial to IO	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No
778	2/1/2019	IO	Email from ERM to IO	Email to transmit draft Environmental Report and explanation of comment process.	2/11/2019	N/A - outgoing correspondence, no response required	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
750	1/16/2019	MECP	Email from Imperial to City of MECP	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No
778	2/1/2019	MECP	Email from ERM to MECP	Email to transmit draft Environmental Report and explanation of comment process.	2/11/2019	Follow-up email chain with MECP to ensure the report was received and downloaded, and help trouble-shooting.	No
750	1/16/2019	MED	Email from Imperial to Ministry of Economic Development	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No
778	2/1/2019	MED	Email from ERM to Ministry of Economic Development, Job Creation and Trade	Email to transmit draft Environmental Report and explanation of comment process.	2/11/2019	N/A - outgoing correspondence, no response required	No
750	1/16/2019	MENDM	Email from Imperial to MENDM	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No
778	2/1/2019	MENDM	Email from ERM to MENDM	Email to transmit draft Environmental Report and explanation of comment process.	2/11/2019	N/A - outgoing correspondence, no response required	No
750	1/16/2019	MMA	Email from Imperial to MMA	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No
778	2/1/2019	MMA	Email from ERM to MMA	Email to transmit draft Environmental Report and explanation of comment process.	2/11/2019	N/A - outgoing correspondence, no response required	No
750	1/16/2019	MNRF	Email from Imperial to MNRF	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No
799	1/18/2019	MNRF	Email from ERM to MNRF	Email from ERM transmitting the draft Environmental Report.	1/18/2019	N/A - outgoing correspondence, no response required	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
750	1/16/2019	MTCS	Email from Imperial to MTCS	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No
778	2/1/2019	MTCS	Email from Imperial to MTCS	Email to transmit draft Environmental Report and explanation of comment process.	2/11/2019	N/A - outgoing correspondence, no response required	No
750	1/16/2019	MTO	Email from Imperial to MTO	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No
778	2/1/2019	MTO	Email from ERM to MTO	Email to transmit draft Environmental Report and explanation of comment process.	2/11/2019	N/A - outgoing correspondence, no response required	No
750	1/16/2019	NEC	Email from Imperial to NEC	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	NEC replied indicating that the Environmental Report should incorporate NEC policies to avoid a separate report for NEC development permit. Draft Environmental Report subsequently sent (Internal Rec No. 779).	No
750	1/16/2019	OEB	Email from Imperial to OEB	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No
778	2/1/2019	OEB	Email from ERM to OEB	Email to transmit draft Environmental Report and explanation of comment process.	2/11/2019	N/A - outgoing correspondence, no response required	No
750	1/16/2019	OMAFRA	Email from Imperial to OMAFRA	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No
800	2/1/2019	OMAFRA	Email from ERM to OMAFRA	Email to transmit draft Environmental Report and explanation of comment process. Transmitted Feb. 14, 2019 since transmittal to OMAFRA was inadvertently missed during the Feb 1. 2019 transmittal.	2/14/2019	N/A - outgoing correspondence, no response required	No
785	2/1/2019	TC	Email from Imperial to TC	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	N/A - outgoing correspondence, no response required	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
779	2/1/2019	TRCA	Email from ERM, on behalf of Imperial, to the TRCA	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	N/A - outgoing correspondence, no response required	No
778	2/1/2019	TSSA	Email from ERM to TSSA	Email to transmit draft Environmental Report and explanation of comment process.	2/11/2019	N/A - outgoing correspondence, no response required	No

Indigenous Consultation Log

Huron-Wendat Nation

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
213	5/30/2018	Huron-Wendat	Project notification  Email from ERM to Huron-Wendat	Email sent to Huron-Wendat to share that the Project is currently completing a Stage 1 archaeology assessment and will conduct a Stage 2 assessment this summer and fall. Currently, the draft Stage 1 Archaeological Assessment report is not available for review, however, the report will be available for review and comment prior to submission to the MTCS. A map of the existing pipeline route was provided.	6/13/2018	Phone conversation occurred on Jun. 4, 2018. Email sent on Jun. 13, 2018 as follow-up to the preliminary phone conversation. Huron-Wendat would like to ensure that the Nation has field monitors on site for Stage 2 archaeological field assessments, in Aug. 2018. Consultation with Huron-Wendat could occur in the next few weeks to confirm commitment to work together. Imperial provided GIS shapefiles of the Project. Confirmed meeting with Huron-Wendat to occur in July 2018.	No
113	6/4/2018	Huron-Wendat	Email from ERM, on behalf of Imperial, to Huron-Wendat	Imperial followed-up with Huron-Wendat regarding the Project notification. Huron-Wendat had two requests: a GIS shapefile of the Project to complete an overlay to determine if the Project crosses an area they have previously documented as one of their archaeological sites, and secondly to be involved/ monitor onsite during Stage 2 work (and stage 3 and 4, if required).	6/4/2018	ERM provided to Huron-Wendat the GIS shapefile of the Project centreline. Meeting with Huron--Wendat set for July 2018 to discuss participation of Huron-Wendat field monitors.	No
135	7/5/2018	Huron-Wendat	Email from ERM on behalf of Imperial to Huron-Wendat	Email to Huron-Wendat to set-up a meeting in Toronto with Imperial, ERM and Past Recovery. Meeting confirmed for Jul. 17, 2018.	7/5/2018	Meeting held on Jul. 17, 2018 (Internal Rec No. 136).	No
136	7/17/2018	Huron-Wendat	Establish field monitor participation agreement  Meeting with Huron-Wendat attended by Imperial, ERM and Past Recovery	<p>On Jul. 17, 2018, Huron-Wendat and Imperial held a meeting in Toronto with representatives of the Huron-Wendat Nionwentsio office. The purpose of the meeting was to present an overview of the Project and to discuss Huron-Wendat's interest in archaeological assessment planning and field work. Imperial thanked the Huron-Wendat representatives for traveling to Ontario and for sharing the Nation's community profile and historic overview.</p> <p>Imperial explained that the SPPL is important infrastructure that provides petroleum products used by households and businesses across the Greater Toronto and Hamilton Area. Products include a significant portion of jet fuel for Toronto Pearson International Airport, as well as gasoline and diesel fuel that keep people, goods and services moving throughout the region. To support continued safe, reliable, and environmentally responsible transportation of products, Imperial is planning to construct and operate approximately 63 km of pipeline between the company's Waterdown Station and Finch Terminal to replace the transportation capabilities of the existing SPPL. The proposed Project will take place within an existing Imperial ROW and within new easements for the existing HONI ROW utility corridor. The pipeline will continue to operate until the new line is operational.</p> <p>Huron-Wendat shared that while the Huron-Wendat did not sign a treaty with the Crown, the Huron Wendat have rights and interests in Ontario. There are many Huron-Wendat archaeological sites, both known and unknown, to be discovered in Ontario. Huron-Wendat works with other Nations, companies, governments over shared traditional territory related to archaeological assessment.</p>	7/31/2018	On Jul. 31, 2018, Imperial and Huron-Wendat collaborated to enable the participation of Huron-Wendat Indigenous field monitors in the project archaeological assessment and environmental field surveys. Imperial provided capacity funding for this participation.	180717 A.1 Meeting WFP HWN

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
				<p>At the meeting, Imperial introduced Past Recovery. Past Recovery provided an overview of their firm and their archaeological experience in Ontario and with communities. Imperial explained that a draft Stage 1 Archaeological Assessment report is nearly complete and Imperial planned to provide the report to Indigenous communities for their review and comment prior to submitting the document to MTCS. Past Recovery explained that the study corridor contains archaeological potential for both pre-Contact and post-Contact archaeological resources. Imperial noted that the Stage 2 methodology and plan is comprehensive. Assessment of all areas of archaeological potential within the corridor will involve test pit shovel testing at 5 m intervals or field ploughing and surveying.</p> <p>With respect to the Parsons site, an existing archaeological site of interest to Huron-Wendat, Imperial explained that HDD is proposed beneath the site to avoid potential impacts.</p> <p>Huron-Wendat asked how the required list of communities to consult was determined. Imperial responded that the MENDM, as the Ontario Crown, provided the list of communities to consult. In advance of this, Imperial had engaged and consulted broadly based not only on treaty rights but with those who had an interest in the Project on traditional territories. Imperial reiterated its commitment to consulting communities, as directed by the MENDM.</p> <p>Huron-Wendat stated that they have an interest in having their field monitors participate in archaeological field surveys for the Project. Imperial agreed and acknowledged the request.</p>			
444	9/7/2018	Huron-Wendat	Email from ERM to Huron-Wendat	<p>Email coordinating field monitors for archaeology field survey commencing on Sept. 19, 2018.</p> <p>From Sept. to Dec. 2018, Huron-Wendat Indigenous field monitors participated in the Stage 2 archaeological assessment field work. Daily correspondence occurred between Huron-Wendat and ERM to coordinate logistics for the field work. The Indigenous field monitors were involved in all aspects of the Stage 2 archaeological assessment field work. Archaeology field work was conducted over several continuous 10-day programs, depending on the weather and landowner permission access along the corridor study area.</p>	9/7/2018	Call and message correspondence between Imperial and Huron-Wendat coordinator.	No
575	9/10/2018	Huron-Wendat	Email and phone calls from ERM to Huron-Wendat	Daily coordination of field monitors for archaeology field survey from Sept. 10 - 19, 2018.	9/10/2018	<p>Call and message correspondence between Imperial and Huron-Wendat coordinator.</p> <p>Huron-Wendat field monitors attended 10/10 days of field work.</p> <p>Coordination with Huron-Wendat field monitors are detailed in Internal Rec Nos. 575, 578, 582, 586, 590, and 711)</p>	No
578	9/24/2018	Huron-Wendat	Email and phone calls from ERM to Huron-Wendat	Daily coordination of field monitors for archaeology field survey from Sept. 24 – Oct. 2, 2018.	9/24/2018	<p>Call and message correspondence between Imperial and Huron-Wendat coordinator.</p> <p>Huron-Wendat field monitors attended 10/10 days of field activities.</p> <p>Coordination with Huron-Wendat field monitors are detailed in Internal Rec Nos. 575, 578, 582, 586, 590, and 711)</p>	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
488	9/27/2018	Huron-Wendat	Email from Imperial to Huron-Wendat	Email from Imperial to Huron-Wendat indicating that the Ministry of Energy, Northern Development and Mines has delegated the procedural aspects of consultation to Imperial. Imperial requested to meet with Huron-Wendat to discuss the next steps in the consultation, including providing capacity funding.	9/28/2018	Huron-Wendat responded that they will be in the Toronto region around Dec. 10, 2018 and will communicate exact dates for a meeting once schedules are confirmed.  Subsequent meeting with Huron-Wendat held on Dec. 10, 2018 (Internal Rec No. 761).	No
483	9/27/2018	Huron-Wendat	Invitation from Imperial to Huron-Wendat	Invitation to Huron-Wendat to attend an observational tour of Imperial's emergency response exercise to be held on Oct. 4, 2018. The desktop exercise would include the company's regional emergency response team as well as officials from the City of Toronto, MECP and others.	9/28/2018	Huron-Wendat responded they are unable to attend. Imperial committed to sharing the results with Indigenous communities once exercise was concluded.	No
475	9/27/2018	Huron-Wendat	Sharing of draft Stage 1 Archaeological Assessment report.  Email from Imperial to Huron-Wendat	Imperial shared with Huron-Wendat a copy of the draft Stage 1 Archaeological Assessment report for review and comment.  Sought review and comments in order to help inform the Stage 2 archaeological assessment field program. Where possible, requested comments by Nov. 1, 2018, extended to Nov. 22, 2018.	9/27/2018	Huron-Wendat provided their comments on the Stage 1 Archaeological Assessment report on Nov. 11, 2018. (Internal Rec No. 566)	180927 Stage 1 archaeology HWN
420	9/27/2018	Huron-Wendat	Email from MENDM to Huron-Wendat	Email and letter from MENDM to inform Huron-Wendat of the delegation of procedural aspects of consultation to Imperial.  MENDM provided a notification letter to the Huron-Wendat that the Ministry has delegated procedural aspects of consultation to Imperial in relation to the Project. The Ministry encouraged representatives from Huron-Wendat to participate in efforts made by Imperial to consult the communities, to receive information on the Project, and to understand if there are any potential impacts on Aboriginal or treaty rights.	9/27/2018	MENDM provided Imperial with a separate letter to informing Imperial of the delegation of procedural aspects of consultation.  Imperial acknowledged the Crown's direction and will continue ongoing consultation with the Huron-Wendat.	180927 MENDM Notification Letter HWN
490	10/1/2018	Huron-Wendat	Email from Imperial to Huron-Wendat	Email from Imperial outlining the capacity funding amount included in the monitoring agreement. Request from Huron-Wendat to discuss capacity funding.	10/11/2018	Huron-Wendat responded that based on the length of the draft Stage 1 Archaeological Assessment report, additional funding was being requested.  Email from Imperial to Huron-Wendat indicating that the requested additional capacity funding was reasonable and accepted.	No
489	10/1/2018	Huron-Wendat	Email from Imperial to Huron-Wendat	Request to meet with Huron-Wendat in Oct. 2018 to establish capacity funding.	10/1/2018	Huron-Wendat responded indicating that meeting in Oct. 2018 would be difficult to arrange, but they were open to conducting the review without a meeting and stated the capacity funding amount needed.	No
582	10/9/2018	Huron-Wendat	Email and phone calls from ERM to Huron-Wendat	Daily coordination of field monitors for archaeology field survey between Oct 9 - 19, 2018.	10/9/2018	Call and message correspondence between Imperial and Huron-Wendat coordinator.  Huron-Wendat field monitors attended 10/10 days of field activities.  Coordination with Huron-Wendat field monitors are detailed in Internal Rec Nos. 575, 578, 582, 586, 590, and 711.	No
586	10/24/2018	Huron-Wendat	Email and phone calls from	Daily coordination of Field Monitors for archaeology field survey between Oct 24 - Nov. 2, 2018.	10/24/2018	Call and message correspondence between Imperial and Huron-Wendat coordinator.  Huron-Wendat Field Monitors attended 10/10 days of field activities.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
			ERM to Huron-Wendat			Coordination with Huron-Wendat field monitors are detailed in Internal Rec Nos. 575, 578, 582, 586, 590, and 711)	
566	11/1/2018	Huron-Wendat	Email from Imperial to Huron-Wendat	Email correspondence to schedule a meeting on Dec. 10, 2018 (Internal Rec No. 761) to discuss updates on the Project.  Imperial asked of if Huron-Wendat had any concerns or comments regarding the ongoing monitoring and archaeology programs that would need to be addressed prior to the scheduled Project update meeting on Dec. 10, 2018 (Internal Rec No. 761).	11/6/2018	Huron-Wendat responded indicating no concerns with the monitoring and archaeology programs at this time. They indicated that formal comments on the draft Stage 1 Archaeology Assessment report will be forthcoming.	No
570	11/6/2018	Huron-Wendat	Email from Imperial to Huron-Wendat	Email inquiring when Huron-Wendat comments will be available on the draft Stage 1 Archaeological Assessment report.	11/8/2018	Huron-Wendat provided their comments on the draft Stage 1 Archaeological Assessment report on Nov. 15, 2018.	No
590	11/7/2018	Huron-Wendat	Email and phone calls from ERM to Huron-Wendat	Daily coordination of field monitors for archaeology field survey between Nov. 7 – 16.	11/7/2018	Call and message correspondence between Imperial and Huron-Wendat coordinator.  Huron-Wendat field monitors attended 10/10 days of field activities.  Coordination with Huron-Wendat field monitors are detailed in Internal Rec Nos. 575, 578, 582, 586, 590, and 711.	No
679	11/15/2018	Huron-Wendat	Email from Huron-Wendat to Imperial	In response to Imperial's Sept. 27, 2018 (Internal Rec No. 475) outreach, Huron-Wendat provided a review and comments on the Stage 1 Archaeological Assessment report on Nov. 15, 2018 (Internal Rec No. 679).  On Nov. 15, 2018, Huron-Wendat provided comments on the draft Stage 1 Archaeological Assessment report. Huron-Wendat thanked Imperial for providing an opportunity to provide comments and feedback. Huron-Wendat noted that a highly important Huron-Wendat recorded archaeological site is located within the study area (i.e., the Parsons site). The reviewer noted that the draft report offered generally complete summaries of the pre and post-contact history of the region. The report regularly referred to the appropriate MTCS's 2011 Standards and Guidelines for Consultant Archaeologists. The report's conclusions were logical. In summary, the draft Stage 1 report was satisfactory for the purposes of the draft Stage 1 archaeological assessment of this study area. The Huron-Wendat Nation requested to be consulted at every stage, especially regarding the Parsons site, and to continue with the Huron-Wendat field monitor program for field work. Huron-Wendat stressed that avoidance and/or mitigation measures must apply for any potential disturbance to their heritage.	11/15/2018	Imperial thanked Huron-Wendat for their review and comments on the Stage 1 report. Further discussion held on Dec 10, 2018 meeting (Internal Rec No. 761).	181115 HWN comments on Stage 1 archaeology
711	11/21/2018	Huron-Wendat	Email and phone calls from ERM to Huron-Wendat	Daily coordination of field monitors for archaeology field survey between Nov. 21 – 30, 2018.	11/21/2018	Call and message correspondence between Imperial and Huron-Wendat coordinator.  Coordination with Huron-Wendat field monitors are detailed in Internal Rec Nos. 575, 578, 582, 586, 590, and 711.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
761	12/10/2018	Huron-Wendat	Meeting with Huron-Wendat, attended by ERM and Imperial	<p>Meeting with Huron-Wendat to discuss Huron-Wendat's Stage 1 Archaeological Assessment report comments and to seek feedback on the field monitors program.</p> <p>The purpose of the meeting was to continue ongoing project consultation; discuss feedback on the field monitor program; share information on feedback and input received to date; discuss the LTC regulatory process; and discuss ongoing Huron-Wendat needs and consultation expectations.</p> <p>Huron-Wendat provided comment that in summary the draft Stage 1 report was satisfactory for the purposes of the Stage 1 assessment of this study area. The Huron-Wendat would like to be consulted at every stage, especially regarding the Parsons site. Imperial responded that the Huron-Wendat will be consulted throughout the process, in particular at Parson site.</p> <p>Imperial asked from Huron-Wendat's perspective, feedback on the monitoring program. Huron-Wendat noted that the participation of Huron-Wendat field monitors is going well. Imperial noted that the exchange between the Huron-Wendat field monitors and the project team crews has been collaborative and positive. Huron-Wendat expressed interest in participating in 2019 environmental surveys. Imperial will work with Huron-Wendat to develop the 2019 environmental field monitoring program.</p> <p>Imperial shared information on feedback and input received to date on the Project, as well as the company's response or incorporation into project planning and design. Imperial noted that a series of Community Information Sessions were held in six municipalities along the ROW in July and November 2018. ERM provided an overview of the LTC regulatory process. ERM reiterated that Imperial's consultative approach is to ensure feedback, comments, and concerns can be raised and captured at any time for response and are not dependent on OEB's defined regulatory consultation periods.</p> <p>Imperial restated its willingness to visit the community and share project details with the community, if desired. Huron-Wendat reiterated their interest in continuing involvement in the archaeological assessment and project planning to avoid impacts to the Parsons site. Imperial agreed and committed to ensuring the Huron-Wendat is meaningfully consulted on site-specific mitigation measures. Huron-Wendat raised the potential of establishing a framework protocol to guide consultation. Imperial responded that it is open to discussing further and welcomed the Huron-Wendat's direction on how best to meet its consultation preferences.</p>	12/10/2018	N/A - see attached meeting minutes	181210 A.1 Meeting WFP HWN
755	1/18/2019	Huron-Wendat	Email from Imperial to Huron-Wendat	Email from Imperial to Huron-Wendat providing a copy of Imperial's letter of intent to submit the LTC application for the Project in early 2019 to the OEB. Recipients were notified that the next regulatory milestone included the submission and distribution of the Environmental Report for their early review and comment.	1/18/2019	Imperial provided the draft Environmental Report on Feb. 4, 2019.	No
783	2/4/2019	Huron-Wendat	Email from Imperial to Huron-Wendat	<p>Email from Imperial to Huron-Wendat providing a copy of the draft Environmental Report and explanation of the comment process.</p> <p>A hard-copy of the Draft Environmental Report was also couriered to the Huron-Wendat office.</p>	2/8/2019	<p>Follow-up from Imperial to ensure the draft was received, and to offer capacity funding to support review of the draft Environmental Report.</p> <p>Additional emails shared to finalize capacity funding Huron-Wendat for the draft review.</p>	No

Métis Nation of Ontario

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
394	7/11/2018	MNO	Project notification  Email from ERM, on behalf of Imperial to MNO	Email and phone outreach to MNO following Project notification.  ERM, on behalf of Imperial notified MNO's Lands, Resources and Consultations Branch of the project commencement and shared project information.	7/11/2018	MNO Consultation Manager on vacation and unavailable until after Jul. 17, 2018.	No
216	7/11/2018	MNO	Email from ERM, on behalf of Imperial to MNO	Email to MNO Manager, Lands, Resources and Consultations to share Project information. Request for meeting, if desired by MNO, to discuss MNO's engagement preferences.	7/11/2018	N/A – outgoing correspondence, no response required.	No
393	7/19/2018	MNO	Email from ERM, on behalf of Imperial to MNO	MNO noted receipt of email regarding the Project notification. Information will be provided to MNO Consultation Committee(s) with a potential interest in this Project. If Consultation Committee(s) indicate an interest in receiving more information or in meeting, Imperial will be contacted.	7/19/2018	Imperial responded that that based on the consultation committee's expectations and direction, Imperial would be happy to engage based on the MNO's preferences.	180719 Email MNO
432	9/18/2018	MNO	Email from ERM, on behalf of Imperial to MNO	Email from MNO's Consultation Assessment Coordinator indicating that MNO Consultation Committee Region #8 includes one regional councillor and one representative from each of the three Chartered Métis Community Councils in Region #8 (Credit River, Toronto region, and Oshawa and Durham region Métis Councils).  MNO has reviewed the Project information and may be interested in meeting with Imperial.	10/3/2018	Imperial responded and indicated a willingness to meet. See attached correspondence.	180918 Email MNO meet request
462	10/9/2018	MNO	Email from Imperial to ERM and MNO	Imperial and MNO's Consultation Assessment Coordinator exchanged emails to attempt to coordinate a suitable future meeting date and time in Toronto.  Imperial and MNO discussed coordinating a meeting in Toronto (to be confirmed). MNO Consultation Assessment Coordinator noted that there will likely be four members of the Region #8 Regional Consultation Committee, as well as an MNO staff member in attendance. MNO sought reimbursement costs and honoraria for attendance.	10/9/2018	Meeting to be confirmed based on preferences of MNO.  Imperial followed-up with MNO in Nov. 2018 and awaiting MNO's preference. (Internal Rec No. 605)	No
605	11/13/2018	MNO	Email from Imperial to MNO	Imperial expressed an open and flexible engagement approach to accommodate the schedule of the MNO Regional Consultation Committee members. In addition to several follow-up attempts in Oct. and November 2018, Imperial provided an email to MNO's Consultation Coordinator sharing project information with the Regional Consultation Committee members.  Imperial noted that additional project information and maps are available on the project website page and shared the web page link with MNO. The Imperial Project team noted that it remains open to meet should the Consultation Committee wish to do so.	11/13/2018	Imperial remains open to meeting with MNO. To date, Imperial awaits MNO's direction on its engagement preferences and remains open to meeting, if desired.  Imperial will continue to engage by providing periodic updates as the Project progresses.	181113 A.1 WFP Intro

Mississaugas of the Credit First Nation

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
77	5/11/2018	MCFN	Project notification  Meeting with MCFN attended by Imperial	<p>Meeting with MCFN to provide notification of the Project.</p> <p>Meeting with MCFN to introduce the Project team and to provide an overview of the Project.</p> <p>Imperial explained that the SPPL is important infrastructure that provides petroleum products used by households and businesses across the Greater Toronto and Hamilton Area. Products include a significant portion of jet fuel for Toronto Pearson International Airport, as well as gasoline and diesel fuel that keep people, goods and services moving throughout the region. To support continued safe, reliable, and environmentally responsible transportation of products, Imperial is planning to construct and operate approximately 63 km of pipeline between the company's Waterdown Station and Finch Terminal to replace the transportation capabilities of the existing SPPL. The Project will take place within an existing Imperial ROW and within new easements for the existing HONI ROW utility corridor. The pipeline will continue to operate until the new line is operational.</p> <p>MCFN asked at the meeting if horizontal directional drilling (HDD) will be used at crossings to avoid impacts to major waterways. Imperial explained that work is being planned to avoid, minimize and mitigate construction impacts as much possible for roadways and water crossings, including the use of HDD and boring (HDB) in these areas.</p> <p>Imperial shared information on the environmental field survey work and explained that the environmental field work is time sensitive and is required to be conducted during the seasonal windows. MCFN requested participation of MCFN's field liaison representatives (i.e., field monitors) for environmental and archaeological field work. MCFN noted that their field liaison representatives are trained and have experience in similar types of projects. Imperial committed to supporting the participation of MCFN field liaison representatives. MCFN shared the MCFN Standards and Guidelines for Archaeology, which was provided to Imperial's archaeological consultant. MCFN suggested and Imperial agreed to attend the MCFN's community proponent open house in June 2018 to introduce the Project to the community members.</p>	6/18/2018	Imperial and MCFN collaborated to enable the participation of MCFN's Indigenous field liaison representatives in the project field surveys. It was agreed that MCFN field liaison representatives would participate in, monitor and provide feedback on the environmental and archaeological field work associated with the Project. Imperial provided capacity funding for this participation.	180511 Meeting WFP MCFN
111	5/30/2018	MCFN	Email from ERM, on behalf of Imperial, to MCFN	Email to share the Project field survey schedule.	5/30/2018	Follow-up from MCFN regarding participation in field work occurred in June 2018.	No
114	6/13/2018	MCFN	Email from MCFN to Imperial	Email from MCFN expressing their desire to have MCFN field liaison representatives involved in archaeological assessment and environmental field survey work.	6/13/2018	Imperial stated that archaeological field survey has not yet begun. MCFN invited to participate in archaeological and environmental field surveys going forward.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
449	6/15/2018	MCFN	Participation by Imperial Project team at MCFN open-house	<p>MCFN hosted a community proponent open house event. The purpose was to introduce community members to the invited companies and local municipalities and their respective projects and initiatives in the region. The Imperial project team attended and brought materials to explain the Project and answered community member questions in a one-on-one setting.</p> <p>An estimate of 100 community members in attendance. An estimate of 30+ people stopped by the Imperial booth and an estimate of 15 community members spoke directly to Project team representatives.</p>	6/15/2018	See attached meeting minutes for discussion on topics raised and questions asked by community members include: accidental spills and operational spill response; deactivation of pipeline; operating conditions and design; engaging MCFN's Indigenous field liaison representatives.	180615 A.1 Open house MCFN
115	6/18/2018	MCFN	Field liaison representative agreement  Email from Imperial to MCFN	Imperial and MCFN worked together to provide capacity funding, through Imperial's environmental consultant (ERM), to enable the participation of MCFN's Indigenous field liaison representatives in the project field surveys. It was agreed that MCFN field liaison representatives would participate in, monitor and provide feedback on the environmental and archaeological field work associated with the Project.	6/18/2018	Imperial and MCFN worked together enable participation of MCFN's Indigenous field liaison representatives in the project field surveys.	No
445	6/29/2018	MCFN	Email and phone calls from ERM to MCFN	Multiple daily email/phone contact to coordinate participation of MCFN field liaison representatives on fisheries survey commencing on Jul. 2, 2018 for 7 days.	6/29/2018	Coordination with MCFN field liaisons are detailed in Internal Rec Nos. 440, 441, 442, 443, 444, 445, 446, 447, 474, 573, 576, 580, 586, 588, and 712.	No
210	7/5/2018	MCFN	Email from ERM, on behalf of Imperial, to MCFN	Invitation to MCFN to meet with Past Recovery, licensed archaeologists supporting Imperial and ERM. Purpose of the meeting is to share and discuss archaeological assessment planning.	7/12/2018	Meeting at MCFN Department of Consultation and Accommodation Office scheduled for Jul. 19, 2018.	No
441	7/6/2018	MCFN	Email from ERM to MCFN	Email to coordinate MCFN field liaison representatives for vegetation and wetland survey commencing on Jul. 9, 2018 for 13 days.	7/6/2018	Call and message correspondence between Imperial and MCFN coordinator.	No
120	7/12/2018	MCFN	Email from ERM to MCFN	Email from Imperial to inform MCFN of two upcoming Community Information Sessions to share information on the Project, which will be occurring in Hamilton. The meetings are open to the public.	7/12/2018	N/A – outgoing correspondence, no response required.	No
440	7/16/2018	MCFN	Email from ERM to MCFN	Email to coordinate field liaison representatives for Wildlife W4 survey commencing on Jun. 18, 2018 for 5 days.	7/16/2018	Coordination with MCFN field liaisons are detailed in Internal Rec Nos. 440, 441, 442, 443, 444, 445, 446, 447, 474, 573, 576, 580, 586, 588, and 712.	No
448	7/19/2018	MCFN	Meeting with MCFN attended by ERM, Imperial, and Past Recovery	<p>Meeting with MCFN's Archaeological Operations Supervisor and Field Archaeologist to introduce Past Recovery, Imperial's licensed archaeological consultant supporting ERM. Past Recovery provided an overview of the firm and archaeological experience, including experience working with Ontario communities. The meeting purpose was to discuss archaeological assessment planning.</p> <p>Imperial provided an overview of the archaeological assessment planning and indicated that a draft Stage 1 Archaeological Assessment Report for the study corridor was nearly complete. Imperial noted that it plans to share the Stage 1 results and solicited comments from Indigenous communities prior to providing the draft to the MTCS. Imperial noted that Stage 2 field planning is comprehensive and Indigenous field liaison</p>	7/19/2018	N/A - see attached meeting minutes.	180719 A.1 Meeting WFP MCFN

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
				representatives will have the opportunity to actively participate in the Stage 2 archaeological field work.			
446	7/27/2018	MCFN	Email and Phone calls from ERM to MCFN	Multiple daily email/phone contact to MCFN to coordinate participation of field liaison representatives for Fisheries F2 survey commencing on Jul. 30, 2018 for 5 days.	7/27/2018	Coordination with MCFN field liaisons are detailed in Internal Rec Nos. 440, 441, 442, 443, 444,445, 446, 447,474, 573, 576, 580, 586, 588, and 712.	No
254	7/27/2018	MCFN	Meeting with MCFN attended by ERM and Imperial	Meeting to discuss the geotechnical investigation program related to the Project. Requested the participation of MCFN field liaison representatives for the archaeological assessment and geotechnical programs.	7/27/2018	Coordination with MCFN field liaisons are detailed below (Internal Rec Nos. 444, 573, 576, 580, 584, 588, and 712).	No
442	8/3/2018	MCFN	Email from ERM to MCFN	Email to coordinate MCFN field liaison representatives for vegetation and wetland surveys commencing on Aug. 6, 2018 for 4 days.	8/3/2018	Coordination with MCFN field liaisons are detailed in Internal Rec Nos. 440, 441, 442, 443, 444,445, 446, 447,474, 573, 576, 580, 586, 588, and 712.	No
444	9/7/2018	MCFN	Email from ERM to MCFN	Email coordinating field liaison representatives for archaeology field survey commencing on Sept. 19, 2018.  From Sept. to Dec. 2018, MCFN field liaison representatives participated in the Stage 2 archaeological assessment and environmental field work. Daily correspondence occurred between MCFN and ERM to coordinate logistics for the field work. Archaeology field work was conducted over several continuous 10-day programs, depending on the weather and landowner permission access along the corridor study area. The Indigenous field liaison representatives were involved in all aspects of the Stage 2 archaeological assessment field work to help determine the archaeological potential within the corridor, including participation in test pit shovel testing, field ploughing and pedestrian surveying. In addition to the Stage 2 archaeological field work, proposed areas requiring trenchless construction methods required geotechnical assessment. The MCFN field liaison representatives were involved in the archaeological pre-clearance requirements to support the geotechnical borehole investigation program.	9/7/2018	MCFN field liaison representatives participated in field work.  Coordination with MCFN field liaisons are detailed in Internal Rec Nos. 440, 441, 442, 443, 444,445, 446, 447,474, 573, 576, 580, 586, 588, and 712.	No
573	9/10/2018	MCFN	Email from ERM to MCFN	Daily coordination of field liaison representatives for archaeology field survey from Sept. 10 - 19, 2018.	9/10/2018	MCFN field liaison representatives participated in all 10 days of field work  Coordination with MCFN field liaisons are detailed in Internal Rec Nos. 440, 441, 442, 443, 444,445, 446, 447,474, 573, 576, 580, 586, 588, and 712.	No
447	9/14/2018	MCFN	Email and Phone calls from ERM to MCFN	Multiple daily email/phone contact with MCFN to coordinate the participation of field liaison representatives for Fisheries F3 survey commencing on Sept. 17, 2018 for 5 days.	9/14/2018	Call and message correspondence between Imperial and MCFN coordinator.  Coordination with MCFN field liaisons are detailed in Internal Rec Nos. 440, 441, 442, 443, 444,445, 446, 447,474, 573, 576, 580, 586, 588, and 712.	No
443	9/14/2018	MCFN	Email from ERM to MCFN	Email to coordinate MCFN field liaison representatives for vegetation survey commencing on Sept. 17, 2018 for 15 days.	9/14/2018	Coordination with MCFN field liaisons are detailed in Internal Rec Nos. 440, 441, 442, 443, 444,445, 446, 447,474, 573, 576, 580, 586, 588, and 712.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
576	9/24/2018	MCFN	Email and Phone calls from ERM to MCFN	Daily coordination of field liaison representatives for archaeology field surveys from Sept. 24 – Oct. 2, 2018.	9/24/2018	MCFN field liaison representatives attended all 10 days of field work.  Coordination with MCFN field liaisons are detailed in Internal Rec Nos. 440, 441, 442, 443, 444,445, 446, 447,474, 573, 576, 580, 586, 588, and 712.	No
421	9/25/2018	MCFN	Email and letter from MENDM to MCFN	Email and letter from MENDM to inform MCFN of the delegation of procedural aspects of consultation to Imperial.  MENDM provided a notification letter to MCFN that the Ministry has delegated procedural aspects of consultation to Imperial in relation to the Project. The Ministry encouraged representatives from MCFN to participate in efforts made by Imperial to consult the communities, to receive information on the Project, and to understand if there are any potential impacts on Aboriginal or treaty rights.	9/25/2018	MENDM provided Imperial with a separate letter to informing Imperial of the delegation of procedural aspects of consultation.  Imperial acknowledged the Crown's direction and will continue ongoing consultation with the MCFN.	180925 MENDM Notification Letter MCFN
485	9/27/2018	MCFN	Invitation from Imperial to MCFN	Invitation to MCFN to attend an observational tour of Imperial's emergency response exercise to be held on Oct. 4, 2018. The desktop exercise would include the company's regional emergency response team as well as officials from the City of Toronto, MECP and others.	9/27/2018	MCFN responded that unfortunately MCFN was unavailable for the Oct. 4, 2018 observational tour of the emergency response exercise. Imperial committed to sharing the results with Indigenous communities once exercise was concluded.	No
474	9/27/2018	MCFN	Sharing of draft Stage 1 Archaeological Assessment report.  Email from Imperial to MCFN	Imperial shared with MCFN a copy of the draft Stage 1 Archaeological Assessment report for review and comment.  Sought review and comments in order to help inform the Stage 2 archaeological assessment field program. Where possible, requested comments by Nov. 1, 2018.	9/27/2018	Review comments from MCFN on the draft Stage 1 Archaeological Assessment report received on Oct. 19, 2018 (see Internal Rec No. 562).	180927 Stage 1 WFP archaeology - MCFN
580	10/9/2018	MCFN	Email and Phone calls from ERM to MCFN	Daily coordination of field liaison representatives for archaeology field survey from Oct. 9 – 19, 2018.	10/9/2018	Call and message correspondence between Imperial and MCFN coordinator.  Representatives attended 10/10 days of field activities.	No
501	10/12/2018	MCFN	Email from ERM to MCFN	Email to invite MCFN to participate in the Environmental Protection Plan compliance audit on Oct. 17, 2018 for the geotechnical investigation work on the Project.	10/17/2018	Call and message correspondence between Imperial and MCFN coordinator.  MCFN responded that they could not attend.	No
481	10/17/2018	MCFN	Email from Imperial to MCFN	Email from Imperial to MCFN to request feedback on the monitoring program for the Project and the draft Stage 1 Archaeology Assessment report. Shared the dates of the Community Information Sessions (Nov. 8, 2018 in Waterdown). Requested a meeting with MCFN and Imperial's Project team to discuss feedback, impacts, and capacity funding to review Project information.	11/13/2018	MCFN provided review comments on the draft Stage 1 Archaeological Assessment report on Nov. 2, 2018. Imperial and MCFN held a teleconference call on Nov. 13, 2018 to discuss feedback from the community on the monitoring program, archaeological assessment, and Imperial shared information on feedback and input received to date, as well as the company's response or incorporation into project planning and design.	No
492	10/18/2018	MCFN	Email from MCFN to Imperial	Email from MCFN to Imperial requesting contact information for ERM and Past Recovery archaeologists.	10/19/2018	Imperial responded with contact information for ERM and Past Recovery.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
682	10/19/2018	MCFN	Email from MCFN to Imperial and Past Recovery	<p>MCFN provided review and comments on the draft Stage 1 Archaeological Assessment report.</p> <p>MCFN's review identified no major concerns regarding the report. Some minor comments and clarifications were noted which were further discussed during a teleconference meeting on Nov. 13, 2018. MCFN noted that the Project is on MCFN's traditional territory. While acknowledging that the Parsons site is an ancestral Huron-Wendat village, it remains imperative that MCFN participate in field work and monitoring required for the site to support the long-term care and protection. MCFN requested clarification on the Stage 2 study scope of work relating to access routes and temporary work spaces. MCFN also requested that the draft Stage 1 Archaeological Assessment report be redacted to protect the identification of mapped archaeological sites if the report is made publicly available.</p>	10/19/2018	A few minor comments raised and discussed at the Nov. 13, 2018 teleconference meeting (see Internal Rec No. 681)	181019 MCFN comments on Stage 1
568	10/19/2018	MCFN	Email from MCFN to Imperial and Past Recovery	<p>MCFN responded that MCFN has reviewed the draft Stage 1 Archaeological Assessment report. MCFN's review identified no major concerns regarding the report. Some minor comments and clarifications were noted and to be discussed at a subsequent teleconference meeting to be held on Nov. 13, 2018.</p> <p>MCFN noted that the Project is on MCFN's traditional territory. MCFN noted that while acknowledging the Parsons site is an ancestral Huron-Wendat village, it remains imperative that MCFN participate in field work and monitoring required for the site to support the long-term care and protection. MCFN requested clarification on the Stage 2 study scope of work relating to access routes and temporary workspaces. MCFN also requested that the draft Stage 1 Archaeological Assessment report be redacted to protect the identification of mapped archaeological sites if the report is made publicly available.</p>	11/8/2018	Imperial held a teleconference call with MCFN Nov. 13, 2018 to respond to clarification questions. See MCFN Nov. 13, 2018 consultation log below for details (Internal Rec No. 681).	No
584	10/24/2018	MCFN	Email and phone calls from ERM to MCFN	Daily coordination of field liaison representatives for archaeology field survey from Oct. 24 - Nov. 2, 2018.	10/24/2018	<p>Call and message correspondence between Imperial and MCFN coordinator.</p> <p>MCFN field liaison representatives attended 10/10 days of field activities.</p> <p>Coordination with MCFN field liaisons are detailed in Internal Rec Nos. 440, 441, 442, 443, 444,445, 446, 447,474, 573, 576, 580, 586, 588, and 712.</p>	No
588	11/7/2018	MCFN	Email and phone calls from ERM to MCFN	Daily coordination of field liaison representatives for archaeology field survey from Nov. 7 - 16, 2018.	11/7/2018	<p>Call and message correspondence between Imperial and MCFN coordinator.</p> <p>MCFN field liaison representatives attended 10/10 days of field activities.</p> <p>Coordination with MCFN field liaisons are detailed in Internal Rec Nos. 440, 441, 442, 443, 444,445, 446, 447,474, 573, 576, 580, 586, 588, and 712.</p>	No
681	11/13/2018	MCFN	Teleconference with MCFN attended by Imperial	<p>On Nov. 13, 2018, Imperial and MCFN held a teleconference call to discuss MCFN's Stage 1 Archaeological Assessment comments and to seek feedback on the field monitors program.</p> <p>MCFN also had questions on the Stage 2 scope of work.</p> <p>Imperial asked for feedback from MCFN's perspective on the field monitoring program. MCFN noted that overall, the field monitoring program has been a positive experience for monitors. Imperial noted that there has been a positive exchange of knowledge and collaborative between the field monitors and the project team crews. Imperial asked if MCFN had feedback to improve the program. MCFN commented that an area to</p>	11/13/2018	<p>In response to MCFN's comment that the Project is located within MCFN's traditional territory, Imperial reiterated its recognition that the Parsons site is located within shared territory and fully understood that MCFN would participate in field work, monitoring and consulted on mitigation strategies related to the site. Imperial agreed to modify wording in the draft Stage 1 report to more clearly reflect MCFN's assertions on its traditional territory.</p> <p>In response to MCFN's question on the Stage 2 scope of work. Imperial responded that if access routes and temporary workspaces are added/ or altered, the Project study area will be amended as necessary so that the archaeological assessment includes the</p>	181113 A.1 Teleconference WFP MCFN

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				<p>review/collaborate on is field logistics morning deployment. At any given time, MCFN has 45 potential monitors in the field on various projects, in addition to Imperial's Project. MCFN suggested designating one or a couple of morning meeting muster points and then proceeding as a group to the field start point. MCFN raised the point that it has been challenging at times to have daily coordination notifications with changes in the morning location. This is an area to revisit for the next field season. Imperial thanked the meeting participants for the feedback and noted that it will evaluate its communications approach to improve the field work logistics going forward.</p> <p>Imperial shared information on feedback and input received to date, as well as the company's response or incorporation into project planning and design. Imperial noted that a series of Community Information Sessions were held in six municipalities along the ROW in July and November 2018. Imperial informed MCFN of these sessions and also noted that Imperial is interested in attending future proponent open house events organized by MCFN.</p>		<p>full Project footprint. Project access routes and additional extra temporary workspaces determined to have archaeological potential will be subject to further archaeological assessment surveying. With respect to confidentiality and sensitivity of archaeological sites, Imperial noted it will submit an appropriately redacted version of the Stage 1 Archaeological Assessment report to MTCS to ensure that sensitive information is not made public.</p> <p>Additional response to meeting was provided in Internal Rec No. 644.</p>	
712	11/21/2018	MCFN	Email and Phone calls from ERM to MCFN	Daily coordination of field liaison representatives for archaeology field survey from Nov. 21 - 30, 2018.	11/21/2018	Call and message correspondence between Imperial and MCFN coordinator.  Coordination with MCFN field liaisons are detailed in Internal Rec Nos. 440, 441, 442, 443, 444,445, 446, 447,474, 573, 576, 580, 586, 588, and 712.	No
644	11/27/2018	MCFN	Email from ERM and Imperial to MCFN	<p>Follow-up to Nov. 13, 2018 teleconference meeting with MCFN. Imperial provided the requested GIS shapefiles of the Project centreline and location of trenchless construction methods (HDD and HDB).</p> <p>Imperial reiterated that it looks forward to working together on the field monitors program and comments/ concerns can be raised at any time to be addressed.</p>	11/27/2018	Email was provided in response to Internal Rec No 681	No
754	1/18/2019	MCFN	Email from Imperial to MCFN	Email from Imperial to MCFN providing a copy of Imperial's letter of intent to submit the LTC application for the Project in early 2019 to the OEB. Recipients were notified that the next regulatory milestone included the submission and distribution of the Environmental Report for their early review and comment.	1/18/2019	Imperial provided the draft Environmental Report on Feb. 4, 2019.	No
784	2/4/2019	MCFN	Email from Imperial to MCFN	<p>Email of the draft Environmental Report to MCFN and explanation of the comment process.</p> <p>A hard-copy of the draft Environmental Report was also hand-delivered on Feb. 14, 2019.</p>	2/8/2019	<p>Follow-up from Imperial to inquire about receipt of the draft Environmental Report, and to offer capacity funding for report review.</p> <p>The hard-copy of the Draft Environmental Report was received on Feb. 14, 2019.</p>	No

Six Nations of the Grand River

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
76	6/15/2018	Six Nations	<p>Project notification</p> <p>Meeting with Six Nations attended by ERM and Imperial</p>	<p>Following project notification to Six Nations on May 22, 2018, meeting with Six Nations to provide an overview of the Project.</p> <p>Meeting held at Ohsweken, Ontario with Six Nations Lands and Resources and the Wildlife Department staff. The purpose of the meeting was to introduce the project team, provide an overview of the Project and to discuss the planned archaeological assessment field work.</p> <p>Imperial highlighted its involvement with workforce development initiatives and the Science Education Employment Development (SEED) initiative. Six Nations shared information about the community and a traditional territory map.</p> <p>Imperial explained that the SPPL is important infrastructure that provides petroleum products used by households and businesses across the Greater Toronto and Hamilton Area. Products include a significant portion of jet fuel for Toronto Pearson International Airport, as well as gasoline and diesel fuel that keep people, goods and services moving throughout the region. To support continued safe, reliable, and environmentally responsible transportation of products, Imperial is planning to construct and operate approximately 63 km of pipeline between the company's Waterdown Station and Finch Terminal to replace the transportation capabilities of the existing SPPL. The Project will take place within an existing Imperial ROW and within new easements for the existing HONI ROW utility corridor. The pipeline will continue to operate until the new line is operational.</p> <p>The meeting with Six Nations included sharing of information on the pipeline operations, construction methods, environmental surveys and archaeological assessment planning.</p> <p>Six Nations requested a follow-up meeting to meet with Past Recovery.</p> <p>Six Nations requested the participation of Indigenous field monitors for archaeological assessment field surveys.</p>	<p>7/13/2018</p> <p>7/19/2018</p>	<p>Subsequent to this engagement, follow-up meeting on Jul. 19, 2018 (Internal Rec No. 450) with Six Nations to introduce Past Recovery archaeologists and to discuss archaeology planning.</p> <p>Six Nations field monitor participation agreement executed Jul. 13, 2018 (Internal Rec No. 451). Wildlife and vegetation survey results will be available in the Environment Report.</p>	<p>180615 A.1 Meeting WFP Six Nations</p>
117	6/29/2018	Six Nations	Email from ERM to Six Nations	Email to Six Nations to share the draft field monitors program agreement for the upcoming archaeological field survey work on the Project.	7/13/2018	Six Nations field monitor participation agreement executed Jul. 13, 2018.	No
211	7/5/2018	Six Nations	Invitation from ERM to Six Nations	Invitation to Six Nations to meet with Past Recovery archaeologists and to discuss archaeology planning.	7/11/2018	Meeting at Six Nations Lands and Resources office scheduled for Jul. 19, 2018 (Internal Rec No. 450).	No
119	7/12/2018	Six Nations	Email from Imperial to Six Nations	Email from Imperial to inform Six Nations of two upcoming Community Information Sessions to share information on the Project, which will be occurring in Hamilton. The meetings are open to the public.	7/12/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
451	7/13/2018	Six Nations	Emails between ERM, Imperial and Six Nations	Imperial and Six Nations collaborated to enable the participation of Six Nations Indigenous field monitors in the project archaeological assessment field surveys.	7/13/2018	Imperial provided capacity funding for this participation.  Imperial and Six Nations worked together to provide capacity funding, through ERM, to enable the participation of Six Nations Indigenous field monitors in the project archaeological assessment field surveys. It was agreed that Six Nations field monitors would participate in, monitor and provide feedback on the archaeological field work associated with the Project.	No
450	7/19/2018	Six Nations	Meeting with Six Nations attended by ERM, Imperial and Past Recovery	<p>Follow-up meeting with Six Nations, as requested, to introduce Past Recovery.</p> <p>Imperial was accompanied by ERM and Past Recovery. Imperial reviewed the project details. Past Recovery provided an overview of the firm and their archaeological experience in Ontario and with communities. Imperial explained that a draft Stage 1 Archaeological Assessment report was nearly complete and Imperial planned to provide the report to Indigenous communities for review and comment. Past Recovery noted that the archaeological record is from a settler's perspective. Imperial requested Six Nations review of the report to ensure that its comments and traditional knowledge, if required, were adequately reflected.</p> <p>Imperial noted that Stage 2 field planning is comprehensive and Six Nations' field monitors will have the opportunity to participate in all Stage 2 archaeological field work. Six Nations explained that Six Nations field monitors are trained, have prior experience and able to participate in the archaeological assessment field surveys.</p> <p>Six Nations commented that traditional knowledge locations would be kept within the community and not shared. The field monitors would have a role to report back to the Six Nations Lands office in the event of locating traditional knowledge (e.g., medicinal plants) along the areas of interest to Six Nations. Six Nations asked if Imperial would be willing to share the results of the environmental field surveys (e.g., plants that are identified). Imperial confirmed that this can be provided since the information will be part of the Environmental Report and the LTC application. Imperial noted it will notify Six Nations when the draft Environmental Report and the LTC application will be filed, tentatively scheduled for the first quarter of 2019.</p> <p>Imperial noted that it will be holding two Community Information Sessions in July 2018 nearby in the City of Hamilton and extended a courtesy invitation to Six Nations. Imperial reiterated that at the community's wish, the project team would participate in a community open house or similar community-based information sharing sessions.</p>	7/19/2018	N/A - See attached meeting notes.	180719 A.1 Meeting WFP Six Nations
444	9/7/2018	Six Nations	Email from ERM to Six Nations	Email coordinating field monitors for archaeology field survey commencing on Sept. 19, 2018 for 15 days.	9/7/2018	From Sept. to Dec. 2018, Six Nations' field monitors participated in the Stage 2 archaeological assessment field work. Daily correspondence occurred between Six Nations and ERM to coordinate logistics for the field work. Archaeology field work was conducted over several continuous 10-day programs, depending on the weather and landowner permission access along the corridor study area. The Six Nations field monitors were involved in all aspects of the Stage 2 archaeological assessment field work to help determine the archaeological potential within the corridor, including participation in test pit shovel testing, field ploughing and pedestrian surveying. In addition to the Stage 2 archaeological field work, proposed areas requiring trenchless construction methods required geotechnical assessment.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
						<p>The Six Nations field monitors were involved in the archaeological pre-clearance requirements to support the geotechnical borehole investigation program.</p> <p>Coordination with Six Nations field monitors liaisons are detailed in Internal Rec Nos. 444, 574, 577, 581, 585, 589, 710.</p>	
574	9/10/2018	Six Nations	Email and phone calls from ERM to Six Nations	Daily coordination of field monitors for archaeology field survey from Sept. 10 - 19, 2018.	9/10/2018	<p>Call and message correspondence between Imperial and Six Nations coordinator.</p> <p>Six Nations field monitors participated in all 10 days of field work.</p> <p>Coordination with Six Nations field monitors liaisons are detailed in Internal Rec Nos. 444, 574, 577, 581, 585, 589, 710.</p>	No
577	9/24/2018	Six Nations	Email and phone calls from ERM to Six Nations	Daily coordination of field monitors for archaeology field survey from Sept. 24 – Oct. 2, 2018.	9/24/2018	<p>Call and message correspondence between Imperial and Six Nations coordinator.</p> <p>Six Nations field monitors attended 9/10 days of field activities.</p> <p>Coordination with Six Nations field monitors liaisons are detailed in Internal Rec Nos. 444, 574, 577, 581, 585, 589, 710.</p>	No
418	9/25/2018	Six Nations	Email and letter from MENDM to Six Nations	<p>Email and letter from MENDM to inform Six Nations of the delegation of procedural aspects of consultation to Imperial.</p> <p>MENDM provided a notification letter to Six Nations that the Ministry has delegated procedural aspects of consultation to Imperial in relation to the Project. MENDM encouraged representatives from Six Nations to participate in efforts made by Imperial to consult the communities, to receive information on the Project, and to understand if there are any potential impacts on Aboriginal or treaty rights.</p>	9/25/2018	<p>MENDM provided Imperial with a separate letter to informing Imperial of the delegation of procedural aspects of consultation.</p> <p>Imperial acknowledged the Crown's direction and will continue ongoing consultation with the Six Nations.</p>	180925 MENDM Notification Letter Six Nations
484	9/27/2018	Six Nations	Invitation from Imperial to Six Nations	Invitation to Six Nations to attend an observational tour of Imperial's emergency response exercise to be held on Oct. 4, 2018. The desktop exercise would include the company's regional emergency response team as well as officials from the City of Toronto, MECP and others.	9/27/2018	No response received from Six Nations.	No
476	9/27/2018	Six Nations	<p>Sharing of draft Stage 1 Archaeological Assessment report.</p> <p>Email from Imperial to Six Nations</p>	<p>Imperial shared with Six Nations a copy of the draft Stage 1 Archaeological Assessment report for review and comment.</p> <p>Sought review and comments in order to help inform the Stage 2 archaeological assessment field program. Where possible, requested comments by Nov. 22, 2018.</p>	9/27/2018	N/A – Reminders provided but to date, no comments received from Six Nations on the draft Stage 1 Archaeological Assessment report. Imperial remains open to receiving comments anytime in the future.	180927 Stage 1 archaeology - Six Nations
581	10/9/2018	Six Nations	Email and phone calls from ERM to Six Nations	Daily coordination of field monitors for archaeology field survey from Oct. 9 - 19, 2018.	10/9/2018	<p>Call and message correspondence between Imperial and Six Nations coordinator.</p> <p>Six Nations field monitors attended 8/10 days of field activities.</p> <p>Coordination with Six Nations field monitors liaisons are detailed in Internal Rec Nos. 444, 574, 577, 581, 585, 589, 710.</p>	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
470	10/15/2018	Six Nations	Email from Imperial to Six Nations	Email to invite Six Nations to participate in the Environmental Protection Plan compliance audit on Oct. 17, 2018 for the geotechnical investigation work on the Project.	10/16/2018	No response received from Six Nations.	No
480	10/17/2018	Six Nations	Email from Imperial to Six Nations	Email from Imperial to Six Nations to request feedback on the monitoring program for the Project and the draft Stage 1 Archaeology Assessment report. Shared the dates of the Community Information Sessions (Nov. 8, 2018 in Waterdown). Requested a meeting with Six Nations and Imperial's Project team to discuss feedback, impacts, and capacity funding to review Project information.	10/17/2018	N/A – outgoing correspondence, no response required.	No
585	10/24/2018	Six Nations	Email and phone calls from ERM to Six Nations	Daily coordination of field monitors for archaeology field survey from Oct. 24 - Nov. 2, 2018.	10/24/2018	Call and message correspondence between Imperial and Six Nations coordinator.  Six Nations field monitors attended 5/10 days of field activities.  Coordination with Six Nations field monitors liaisons are detailed in Internal Rec Nos. 444, 574, 577, 581, 585, 589, 710.	No
589	11/7/2018	Six Nations	Email and phone calls from ERM to Six Nations	Daily coordination of field monitors for archaeology field survey from Nov. 7 - 16, 2018.	11/7/2018	Call and message correspondence between Imperial and Six Nations coordinator.  Six Nations field monitors attended 10/10 days of field activities.  Coordination with Six Nations field monitors liaisons are detailed in Internal Rec Nos. 444, 574, 577, 581, 585, 589, 710.	No
606	11/13/2018	Six Nations	Email from Imperial to Six Nations	Discussion to coordinate a meeting date and time. Shared a link to the Project webpage and an agenda for the meeting which included discussion topics of: archaeology assessment, environmental planning, construction methods, leave to construct process, and open discussion for other topics.	11/13/2018	Meeting was held on Nov. 15, 2018 (Internal Rec No. 637).	No
637	11/15/2018	Six Nations	Meeting with Six Nations attended by ERM, Imperial and Past Recovery	<p>Imperial and Six Nations held a meeting in Ohsweken, Ontario. The purpose of the meeting was to solicit Six Nations' feedback on the draft Stage 1 Archaeological Assessment report; discuss feedback on the field monitor program; share information on what the Project has heard from external stakeholders; discuss the LTC regulatory process and timelines; and discuss ongoing Six Nation needs and consultation expectations.</p> <p>Imperial noted that the draft Stage 1 Archaeological Assessment report was provided to Six Nations and other communities in Sept. 2018 (Internal Rec No. 476). Imperial noted that it is soliciting feedback prior to mid-Dec. 2018 (extended deadline), where possible. Imperial confirmed to Six Nations that its review comments would still be accepted and extended timeline to comment to mid-Dec. 2018.</p> <p>To date, Imperial is awaiting Six Nations' review and comments on the draft Stage 1 Archaeological Assessment report. Should Six Nations wish to provide comments later, Imperial would be willing to receive comments.</p> <p>Imperial noted that the Six Nations' field monitors have been enthusiastic and there has been a positive exchange of knowledge between the field monitors and the project team crews. Imperial asked Six Nation's perspective on the field monitor program. Six Nations replied that the field monitor program is generally going well. A few areas of miscommunication related to field work logistics planning were raised at the meeting.</p>	11/15/2018	<p>Six Nations replied that organizing a community open house is not likely needed at this time.</p> <p>Six Nations wished to receive notification when Imperial files the LTC application to the OEB.</p> <p>Imperial responded that it will maintain regular and frequent communication with Six Nations and will provide project updates as it becomes available. Subsequent to this date, Imperial continued to provide project updates including providing a copy of Imperial's letter of intent of submission to the OEB (Internal Rec No. 756) and Imperial transmitted a draft copy of the Environmental Report to Six Nations (Internal Rec No. 777).</p>	181115 Meeting WFP Six Nations

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
				<p>Imperial thanked the meeting participants for the feedback and noted that it will evaluate its communications approach to improve the field work logistics going forward.</p> <p>Imperial shared information on feedback and input received to date, as well as the company's response or incorporation into project planning and design. Imperial noted that a series of Community Information Sessions were held in six municipalities along the ROW in July and November 2018. Imperial informed Six Nations of these sessions and also noted that Imperial is interested in hosting a Community Information Session or an open house presentation in the community based on Six Nations' preferences. Six Nations replied that organizing a community open house is not likely needed at this time.</p> <p>ERM provided an overview of the LTC regulatory process. ERM reiterated that Imperial's consultative approach is to ensure feedback, comments, and concerns can be raised and captured at any time for response and are not dependent on OEB's defined regulatory consultation periods. The meeting included a discussion on pipeline safety and spill prevention, trenchless and trenched construction methods and wildlife sightings. A follow-up action item was to provide Six Nations with mapping and GIS shapefiles.</p>			
640	11/19/2018	Six Nations	Email from Imperial to Six Nations	Email to Six Nations thanking representatives from the Nations for meeting with the Project team on Nov. 15 (Internal Rec No. 637) and providing feedback on the field monitors program. Imperial welcomed any future comments or concerns.	11/19/2018	N/A – outgoing correspondence, no response required.	No
710	11/21/2018	Six Nations	Email and phone calls from ERM to Six Nations	Daily coordination of field monitors for archaeology field survey from Nov. 21 – 30th, 2018.	11/21/2018	Call and message correspondence between Imperial and Six Nations coordinator.  Coordination with Six Nations field monitors liaisons are detailed in Internal Rec Nos. 444, 574, 577, 581, 585, 589, 710.	No
643	11/27/2018	Six Nations	Email from ERM, on behalf of Imperial, to Six Nations	Follow-up to Nov. 15, 2018 meeting at Six Nations (Internal Rec No. 637). Imperial provided the requested GIS shapefiles of the Project centreline and location of trenchless construction methods (HDD and HDB).  Follow-up seeking Six Nation's feedback and comments on the draft Stage 1 Archaeological Assessment report. Imperial noted it looks forward to working together on the ongoing field monitors program.	11/27/2018	Reminders provided but to date, no comments received from Six Nations on the draft Stage 1 Archaeological Assessment report. Imperial remains open to receiving comments anytime in the future.	No
756	1/18/2019	Six Nations	Email from Imperial to Six Nations	Email from Imperial to Six Nations providing a copy of Imperial's letter of intent to submit the LTC application for the Project in early 2019 to the OEB. Recipients were notified that the next regulatory milestone included the submission and distribution of the Environmental Report for their early review and comment.	1/18/2019	Imperial provided the draft Environmental Report on Feb. 4, 2019.	No
777	2/4/2019	Six Nations	Email from Imperial to Six Nations	Email from Imperial to Six Nations to transmit the draft Environmental Report and explanation of the comment process.  A hard-copy of the draft Environmental Report was also hand-delivered on Feb. 14, 2019.	2/11/2019	Follow-up from Imperial to Six Nations to ensure they have received the file, and to offer capacity funding to review the report. The LTC application process was also explained.  It was also noted that archaeological field work would begin in 2019, and that there would be follow-up with Six Nations to discuss logistics.  A response was received from Six Nations, confirming that someone would be in the office to review the file.  The hard-copy of the Draft Environmental Report was received on Feb. 14, 2019.	No

Six Nations – Haudenosaunee Confederacy Chiefs Council /Haudenosaunee Development Institute

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
116	6/29/2018	HCCC/HDI	Project notification  Email from Imperial to HCCC/HDI	Imperial contacted the Haudenosaunee Confederacy Chiefs Council, via their website, to initiate discussions on the Project. Imperial understands that HCCC delegates engagement and consultation responsibilities to HDI (Haudenosaunee Development Institute).	6/29/2018	N/A – outgoing correspondence, no response required.	No
453	7/5/2018	HCCC/HDI	Email from Imperial to HCCC/HDI	Imperial exchanged email correspondence with HCCC/HDI through the general inquiries inbox and offered to engage and consult. The HDI website administrator provided Imperial with the HDI development application and requested Imperial to submit the application form to HDI.	7/5/2018	HDI requested that Imperial complete and submit the HDI application for engagement (continued under Internal Rec No. 454).	No
454	7/19/2018	HCCC/HDI	Email from Imperial to HCCC/HDI	Imperial thanked the HDI website administrator and indicated that it looked forward to arranging a time to discuss further details at a meeting at HDI’s convenience.	7/19/2018	N/A – outgoing correspondence, no response required.	No
221	7/19/2018	HCCC/HDI	Email from Imperial to HCCC/HDI	Email from Imperial to share draft field monitor program agreement (blank template) for review and consideration.  To begin initial discussions with HCCC/HDI and as a sign of good faith, Imperial provided a draft field monitoring agreement to HCCC/HDI for review. Imperial indicated that it looked forward to arranging a time to discuss further details at a meeting at HCCC/HDI’s convenience.	7/19/2018	N/A – outgoing correspondence, no response required.	No
455	8/15/2018	HCCC/HDI	Meeting with HCCC/HDI attended by Imperial and supported by ERM.	The Imperial project team met with HCCC/HDI representatives at Ohsweken, Ontario. The purpose of the meeting was to introduce the project team, to provide an overview of the Project and to discuss HCCC/HDI’s interests regarding the Project. Imperial attempted to provide the project overview presentation during the meeting but there was no opportunity to formally present the information during the meeting discussion (see below regarding HDI application process). The project materials were left with HCCC/HDI meeting participants and is available on the Project’s website page.  The meeting discussion included HDI’s description for project engagement (i.e., development application, application fee, engagement agreement, field monitor agreement). HCCC/HDI provided HDI’s development application process. HDI stated that the development application process is set by Chiefs Councils for granting consent to projects. Once the HCCC/HDI development application is received, HDI will review the project information and determine if the Project will interfere with HCCC/HDI’s interests. The application and application fee can be submitted by the proponent or their consultant.	8/15/2018	Imperial noted that it will review the information and respond to HCCC/HDI.  Imperial provided response to HCCC/HDI on Sept. 20, 2018. (Internal Rec No. 459).	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
456	9/17/2018	HCCC/HDI	Email from HCCC/HDI to Imperial	HDI emailed the Imperial project team and expressed concern that Imperial is conducting archaeological assessment on the Haudenosaunee asserted 1701 Nanfan treaty lands near Ontario Highway 5. Furthermore, calls made by HDI to Imperial had not been returned. The HDI representative asked Imperial and field crews to cease work and engage HCCC/HDI.	10/18/2018	Imperial acknowledged that there was a personnel transition at Imperial and the Imperial Community Relations Advisor for the Project is now in-place. Imperial noted that the archaeological assessment field survey work conducted by the Project team in Sept. 2018 included the participation of MCFN, Six Nations and Huron-Wendat Indigenous field monitors.  As a follow-up to confirm the conversation, the HCCC/HDI representative exchanged emails with Imperial. Imperial confirmed that it has accommodated HCCC/HDI's request and temporarily suspended the archaeology assessment field work. Imperial reiterated its commitment and noted that the company has made arrangements to delay archaeology work specific to the Project, as requested, until Sept. 26, 2018 to accommodate the request.	180917 Email HCCC HDI
458	9/19/2018	HCCC/HDI	Email from Imperial to HCCC/HDI	Imperial corresponded with HCCC/HDI's representative and indicated that a formal letter to engage and consult HCCC/HDI will be sent today.  A follow-up will include the draft field monitor agreement between Imperial and HCCC/HDI.	9/19/2018	Imperial and HCCC/HDI collaborated to enable the participation of HCCC/HDI Nations Indigenous field monitors in the project archaeological assessment and environmental field surveys. Imperial provided capacity funding for this participation.  Imperial reiterated its commitment to provide a letter of engagement and that Imperial has made arrangements to delay archaeology work specific to the Project, as requested, until Wednesday, Sept. 26, 2018 to accommodate having the agreement in-place.	No
459	9/20/2018	HCCC/HDI	Letter from Imperial to HCCC/HDI	Imperial provided HCCC/HDI with a formal letter to engage, including the requested project information sought in HCCC/HDI's development application and a project location map. Imperial understood that HDI manages the field monitoring program on behalf of HCCC. In the letter, Imperial thanked the representatives of HCCC/HDI for engaging and consulting on the Project at the meeting on Aug. 15, 2018, in Ohsweken, Ontario (Internal Rec No.455).  In addition, Imperial indicated that it subsequently received a letter dated Sept. 10, 2018 (Internal Rec No. 468) from the MENDM informing Imperial that the Ministry has formally delegated the procedural aspects of the Crown's duty to consult to Imperial. In accordance with the expectations of the MENDM, Imperial commits to engage and consult meaningfully with HCCC/HDI, including providing capacity funding for the participation of HCCC/HDI Indigenous field monitors.	9/21/2018	Imperial responded to HDI request (Internal Rec No. 455) with Imperial's letter dated Sept. 20, 2018 to engage and consult.	180920 Letter to HCCC HDI
579	9/24/2018	HCCC/HDI	Email and phone calls from ERM to HCCC/HDI	Daily coordination of field monitors for archaeology field survey from Sept. 24 – Oct. 2, 2018.	9/24/2018	Call and message correspondence between Imperial and HCCC/HDI coordinator. HDI field monitors attended 7/10 days of field activities.	No
431	9/25/2018	HCCC/HDI	Establish Indigenous field monitor agreement  Email from Imperial to HCCC/HDI	Imperial and HCCC/HDI collaborated to enable the participation of HCCC/HDI Indigenous field monitors in the project archaeological assessment and environmental field surveys. Imperial provided capacity funding, through ERM, to enable the participation of HCCC/HDI Indigenous field monitors in the project archaeological assessment field surveys.  HCCC/HDI field monitors will participate in, monitor and provide feedback on the archaeological field work associated with the Project.	9/25/2018	Imperial provided capacity funding for this participation.	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
430	9/26/2018	HCCC/HDI	Email from ERM to HCCC/HDI	Multiple coordination emails sent from ERM to HCCC/HDI archaeology coordinator to plan archaeological assessment field survey work from Sept. 26 - Oct. 5, 2018. Contact information for the field lead was provided, as well as the meeting location, required online training (Imperial), and PPE requirements.	9/26/2018	Call and message correspondence between Imperial and HCCC/HDI coordinator.  Coordination with HCCC/HDI field monitors liaisons are detailed in Internal Rec Nos. 430, 487, 500, 579, 583, 587, 591, 685, 713.	No
419	9/27/2018	HCCC/HDI	Email from MENDM to HCCC/HDI	Email and letter from MENDM to inform HCCC/HDI that the Ministry has delegated procedural aspects of consultation to Imperial in relation to the Project.  The Ministry encouraged representatives from HCCC/HDI to participate in efforts made by Imperial to consult the communities to receive information on the Project and to understand if there are any potential impacts on Aboriginal or treaty rights.	9/27/2018	MENDM provided Imperial with a separate letter to informing Imperial of the delegation of procedural aspects of consultation.  Imperial acknowledged the Crown's direction and will continue ongoing consultation with the HCCC/HDI.	180927 MENDM Notification Letter HCCC HDI
583	10/9/2018	HCCC/HDI	Email and phone calls from ERM to HCCC/HDI	Daily coordination of field monitors for archaeology field survey from Oct. 9 – 19, 2018.  From Oct. to Dec. 2018, HCCC/HDI field monitors participated in the Stage 2 archaeological assessment and environmental field work. Daily correspondence occurred between HCCC/HDI and ERM to coordinate logistics for the field work. Archaeology field work was conducted over several continuous 10-day programs, depending on the weather and landowner permission access along the corridor study area. The HCCC/HDI field monitors were involved in all aspects of the Stage 2 archaeological assessment field work to help determine the archaeological potential within the corridor, including participation in test pit shovel testing, field ploughing and pedestrian surveying. In addition to the Stage 2 archaeological field work, proposed areas requiring trenchless construction methods required geotechnical assessment. The HCCC/HDI field monitors were involved in the archaeological pre-clearance requirements to support the geotechnical borehole investigation program.	10/9/2018	Call and message correspondence between Imperial and HCCC/HDI coordinator.  HDI field monitors attended 10/10 days of field activities.  Coordination with HCCC/HDI field monitors liaisons are detailed in Internal Rec Nos. 430, 487, 500, 579, 583, 587, 591, 685, 713.	No
487	10/9/2018	HCCC/HDI	Email from HCCC/HDI to ERM	Email to ERM to request information on the scheduling of upcoming environmental surveys (fisheries and vegetation surveys).	10/9/2018	ERM provided requested information to HCCC/HDI coordinator.	No
486	10/9/2018	HCCC/HDI	Email from Imperial to HCCC/HDI	Email from Imperial to HCCC/HDI welcoming field monitors to the Project for the archaeology program, and fisheries and vegetation environmental surveys. The contact information for coordinating locations and times of surveys was provided.	10/9/2018	HCCC/HDI responded that they are pleased to participate and that they will contact the field coordinator for more information.	No
500	10/12/2018	HCCC/HDI	Email from Imperial to HCCC/HDI	Email to invite HCCC/HDI to participate in the Environmental Protection Plan compliance audit on Oct. 17, 2018 for the geotechnical investigation work on the Project.	10/17/2018	HCCC/HDI monitor attended audit on Oct. 17, 2018.	No
482	10/12/2018	HCCC/HDI	Email from HCCC/HDI to Imperial	HDI requested a meeting to discuss consultation, capacity funding and Project information.	10/16/2018	Meeting confirmed for Oct. 19, 2018 by Imperial.  On Oct. 17, 2018, meeting rescheduled to Oct. 25, 2018 by HCCC/HDI (Internal Rec No. 685).	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
477	10/16/2018	HCCC/HDI	Sharing of draft Stage 1 Archaeological Assessment report.  Email from Imperial to HCCC/HDI	Imperial shared with HCCC/HDI a copy of the draft Stage 1 Archaeological Assessment report for review and comment.	10/16/2018	N/A – To date, no comments received from HCCC/HDI on the draft Stage 1 report. Imperial is open to receiving comments from the community anytime in the future.	181016 Stage 1 archaeology HCCC HDI
685	10/17/2018	HCCC/HDI	Email from Imperial to HCCC/HDI	Imperial and HCCC/HDI exchanged correspondence to reschedule the meeting to Oct. 25, 2018.	10/25/2018	Meeting held on Oct. 25, 2018 at Ohseweken, Ontario.	No
493	10/18/2018	HCCC/HDI	Email from HCCC/HDI to Imperial	While working on parcel WTFN1045 to the west of 16 Mile Creek, HDI staff, visited the work site and commented that he was concerned that the height of the vegetation (shoulder height) within the HONI corridor was negatively affecting the shovel testing effectiveness. He suggested that the vegetation be cut prior to continuing the assessment in this area.	-	Imperial responded that the vegetation height has not impeded the careful execution of test pit work. Vegetation was cleared from specific test pit locations and the project field crew was diligent to ensure that the sod was broken up and backdirt screened. Work was completed to the MTCS standards of assessment.	No
587	10/24/2018	HCCC/HDI	Email and phone calls from ERM to HCCC/HDI	Daily coordination of field monitors for archaeology field survey from Oct. 24 - Nov. 2, 2018. HCCC/HDI field monitors attended 10/10 days of field activities.	10/24/2018	Call and message correspondence between Imperial and HCCC/HDI coordinator.  Coordination with HCCC/HDI field monitors liaisons are detailed in Internal Rec Nos. 430, 487, 500, 579, 583, 587, 591, 685, 713.	No
685	10/25/2018	HCCC/HDI	Meeting with HCCC/HDI attended by ERM and Imperial	<p>On Oct. 25, 2018, the Imperial Project team members and HCCC/HDI representatives held a meeting at Ohsewken, Ontario. (Internal Rec Nos. 482, 685).</p> <p>HDI's legal counsel noted that he had not seen the MENDM letter delegating procedural aspects of consultation and raised concerns on delegated consultation (Internal Rec No. 419). Imperial's staff noted that questions related to the Crown's duty to consult should be directed to the MENDM for discussion. Imperial shared with HCCC/HDI an electronic copy of the delegation letter from the MENDM at the meeting (Internal. Rec No. 419). HDI's legal counsel stated that he would respond to the MENDM delegation letter.</p> <p>HDI's legal counsel reiterated the request for Imperial to submit HDI's development application and application fee. Imperial responded that it has provided the project information requested in HDI's application form. (Internal Rec No. 459).</p> <p>A subsequent letter dated Nov. 5, 2018 described HDI's concerns. (Internal Rec No. 724).</p>	12/18/2018	<p>In a letter dated Dec. 18, 2018 (Internal Rec No. 734), Imperial responded to HCCC/HDI's letter dated Nov. 5, 2018 (Internal Rec No. 724), regarding the Oct. 25, 2018 meeting (Internal Rec No. 685).</p> <p>As stated in Imperial's letter to HCCC/HDI dated Sept. 20, 2018 (Internal Rec No. 459), Imperial provided the requested project information and respectfully declined completing the HDI development application form and associated fees. Imperial's explicit intention is to follow the provincial regulatory processes and guidelines related to obtaining approval for the Project and completing a thorough LTC application for submission to the OEB. It is Imperial's intention to engage and consult with HCCC/HDI as directed by the MENDM to determine specific impacts of project activities on Aboriginal and treaty rights. As the project proponent, Imperial has and is willing to provide project information to HCCC in care of the HDI to assist in determining these impacts. Once impacts are identified and communicated to Imperial, it invites HCCC/HDI to work collaboratively with the project team on solutions to reduce or mitigate these identified impacts.</p> <p>Imperial encouraged contact with the MENDM concerning the Crown's delegation of procedural aspects of the duty to consult. Imperial noted that it commits to engaging and consulting HCCC/HDI as directed by the MENDM.</p> <p>Imperial appreciated the time and resources required to review project information and participate in meetings. Imperial noted that it is open to continue providing reasonable project capacity funding to HCCC/HDI within a mutually acceptable agreement and</p>	No

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
						prepared to meet with HCCC/HDI to engage in further dialogue related to sharing project information, archaeological assessment and the field monitoring program.	
686	10/29/2018	HCCC/HDI	Email from Imperial to HCCC/HDI	Imperial and HCCC/HDI's representative exchanged correspondence requesting an on-site meeting to address concerns about a planned geotechnical borehole (BH10). HCCC/HDI's Archaeology Coordinator was unavailable at the specified time, but could meet subsequently. Imperial's Community Relations Advisor asked if a field monitor could be delegated to meet with the project team field crew to better understand the concerns at the specific borehole.	11/13/2018 1/22, 2019	<p>On Oct. 30, 2018, Imperial paused work at this location to allow time to address HCCC/HDI's concern.</p> <p>On Oct. 31, 2018, Imperial's Community Relations Advisor visited the BH10 site to better understand the concern. Imperial corresponded with HCCC/HDI explaining that an alternate access route will be used to access borehole BH10. No response was received from HCCC/HDI with concerns on the alternative routing.</p> <p>On Nov. 13, 2018, Imperial provided a follow-up email to HCCC/HDI about the alternative access routing to access geotechnical work at borehole BH10. A PDF file showed the new access route to the test area was provided, and feedback was solicited. Information was shared that matting would be placed in the area, and that an archaeologist would be monitoring the geotechnical borehole work. An invitation was extended for HCCC/HDI field monitors to participate in monitoring this location. Subsequent to this correspondence, no comment was received from HCCC/HDI regarding BH10.</p> <p>On Jan. 22, 2019 (Internal Rec No. 792) following requests from First Nations that field monitors be present during the matting and drilling at BH10, Past Recovery provided a Field Director to be present on-site on Jan. 22, 2019 to help ensure that the matting was being placed appropriately. Field monitors from the Huron Wendat and HCCC/HDI were present. Past Recovery also provided the field monitors with background information concerning the archaeological assessment completed at BH10 in the fall of 2018 and, more broadly, the nature of the Lake Medad Site.</p> <p>On Jan. 24, 2019 (Internal Rec No. 792) the field monitors from Huron-Wendat and HCCC/HDI expressed satisfaction with this information and the way the matting was progressing. Consequently, Past Recovery left the site on the afternoon of Jan. 24, 2019 while the field monitors remained to continue monitoring the matting work.</p>	No
684	10/30/2018	HCCC/HDI	Email from Imperial to HCCC/HDI	Imperial and HCCC/HDI's Archaeology Coordinator exchanged a message to arrange a future teleconference call to better understand concerns around the archaeological assessment.	10/30/2018	Call and message correspondence between Imperial and HCCC/HDI coordinator.	No
724	11/7/2018	HCCC/HDI	Email from HDI legal counsel to Imperial	HDI's legal counsel emailed a letter of correspondence dated Nov. 5, 2018 (Internal Rec No. 724) responding to Imperial's letter to HDI dated Sept. 20, 2018 (Internal Rec No. 459), sharing information on the Project. A copy of the correspondence was sent to the OEB, IO, NEC, MNRF, MTCS, MECP, Conservation Authorities, DFO and HONI. HCCC/HDI requested all the copied parties to commence a formal engagement process with HDI.	12/12/2018	<p>Imperial responded to HDI's legal counsel confirming receipt of the Nov. 5, 2018 letter of correspondence. (Internal Rec No. 724).</p> <p>Imperial noted that HCCC/HDI's proposed meeting of Nov. 13, 2018 as described in HCCC/HDI's letter is not attainable as it will take time for Imperial to review the content of the HCCC/HDI letter of Nov. 5, 2018. Imperial noted that Imperial's Community Relations Advisor is the contact for all matters relating to the Project and will continue to work with HCCC/HDI. See subsequent correspondence of Dec. 18, 2018 with Imperial's response letter. (Internal Rec No.734).</p>	181107 HCCC HDI letter responding to Project

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
591	11/7/2018	HCCC/HDI	Email and phone calls from ERM to HCCC/HDI	Daily coordination of field monitors for archaeology field survey from Nov. 7 - 16, 2018.	11/7/2018	Call and message correspondence between Imperial and HCCC/HDI coordinator.  HDI field monitors attended 10/10 days of field activities.  Coordination with HCCC/HDI field monitors liaisons are detailed in Internal Rec Nos. 430, 487, 500, 579, 583, 587, 591, 685, 713.	No
608	11/13/2018	HCCC/HDI	Email from Imperial to HCCC/HDI	Follow-up email from Imperial to HDI about access plans for Borehole BH10. Imperial communicated that it has always been part of the Project plan to utilize HDD to minimize disturbance to the area during construction, hence the necessity of geotechnical borehole testing. Imperial provided a PDF file showing the new access route to the test area and feedback was welcomed. Imperial offered to have a teleconference with the Project team.	11/13/2018	Reply from HDI legal counsel that HDI takes the position that no consultation has occurred. If there has been a delegation of consultation from the Crown, the Crown must advise HDI directly.  Imperial's Community Relations Advisor replied on Nov. 15, 2018 clarifying the use of the word "consultation" was in reference to consulting with an archaeologist and was not an interpretation of HDI's assertion.  Based on MENDM's delegation of consultation letter (Internal Rec No. 419), Imperial notes that it has been delegated the procedural aspects of consultation.	181113 Figure BH10 alternate route
713	11/21/2018	HCCC/HDI	Email and phone calls from ERM to HCCC/HDI	Daily coordination of field monitors for archaeology field survey from Nov. 21 – 30th, 2018.	11/21/2018	Call and message correspondence between Imperial and HCCC/HDI coordinator.  Coordination with HCCC/HDI field monitors liaisons are detailed in Internal Rec Nos. 430, 487, 500, 579, 583, 587, 591, 685, 713.	No
734	12/18/2018	HCCC/HDI	Letter from Imperial to HDI legal counsel	<p>Imperial received correspondence dated Nov. 5, 2018 (Internal Rec No. 724) regarding the Oct. 25, 2018 meeting (Internal Rec No. 685).</p> <p>As stated in Imperial's letter dated Sept. 20, 2018 (Internal Rec No. 459), Imperial provided the requested project information and respectfully declined completing the HDI development application form and associated fees.</p> <p>Imperial's explicit intention is to follow the provincial regulatory processes and guidelines related to obtaining approval for the Project and completing a thorough LTC application for submission to the OEB. It is Imperial's intention to engage and consult with HCCC/HDI as directed by the MENDM to determine specific impacts of project activities on Aboriginal and treaty rights. As the project proponent, Imperial has and is willing to provide project information to HCCC in care of the HDI to assist in determining these impacts. Once impacts are identified and communicated to Imperial, Imperial invites HCCC/HDI to work collaboratively with the project team on solutions to reduce or mitigate these identified impacts.</p> <p>Imperial encouraged contact with the MENDM concerning the Crown's delegation of procedural aspects of the duty to consult. Imperial noted that it commits to engaging and consulting HCCC/HDI as directed by the MENDM.</p> <p>Imperial appreciated the time and resources required to review project information and participate in meetings. Imperial noted that it is open to continue providing reasonable project capacity funding to HCCC/HDI within a mutually acceptable agreement and prepared to meet with HCCC/HDI to engage in further dialogue related to sharing project information, archaeological assessment and the field monitoring program.</p>	12/18/2018	Imperial response letter of Dec. 18, 2018 (Internal Rec No. 734) to HDI's legal counsel's letter of Nov. 5, 2018 (Internal Rec No. 724).	181218 Letter to HCCC HDI

Internal Rec No.	Date	Participants	Activity	Description	Response Date	Response	Supporting Document(s)
776	2/4/2019	HCCC/HDI	Email from Imperial to HCCC/HDI	Email sent to HCCC/HDI to transmit the draft Environmental Report and explanation of the comment process.  A hard-copy of the Draft Environmental Report was also delivered to HCCC/HDI on Feb. 14, 2019.	2/11/2019	Follow-up from Imperial to ensure the draft was received, and to offer capacity funding to support review of the draft Environmental Report.  The hard-copy of the Draft Environmental Report was received on Feb. 14, 2019.	No

Stakeholder and Other Consultation Log

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
673	11/5/2018	AM900 CHML	Media advisory issued by Imperial to AM900 CHML	Media advisory issued to local/regional media publications to notify them of the Hamilton Community Information Session; Imperial contact and RSVP information was provided.	11/5/2018	N/A - outgoing correspondence - no further response required.	No
645	10/24/2018	Burlington Chamber of Commerce	Invitation sent by NATIONAL, on behalf of Imperial, to the Burlington Chamber of Commerce	Invitation issued to Burlington Chamber of Commerce for the Burlington Community Information Session on Nov. 6.	11/6/2018	The recipient of the invitation attended the Community Information Session	No
201	7/17/2018	Burlington Green	Invitation sent by NATIONAL, on behalf of Imperial, to Burlington Green	Email introduction to Burlington Green and invitation to the Burlington Community Information Session.	7/17/2018	N/A – outgoing correspondence, no response required.	No
719	10/30/2018	Burlington Green	Invitation sent by NATIONAL, on behalf of Imperial, to Burlington Green	Imperial invited Burlington Green to the Burlington Community Information Session on Nov. 6, and provided a brief update on the Project. Imperial informed the organization that it is preparing a LTC application, including an Environmental Report, for review by the OEB in early 2019.	10/30/2018	N/A – outgoing correspondence, no response required.	No
596	11/6/2018	Burlington Green	Discussion between Imperial and Burlington Green at Community Information Session	The program manager of Burlington Green, a local environmental group, attended the Burlington Community Information Session and asked a number of questions. The representative asked if Imperial anticipates concerns from landowners, whether there will be new land acquisition requirements, and how Imperial will protect drinking water. In addition, the participant inquired about field assessments, and asked if they will be made public.	11/6/2018	Imperial noted that it has conducted (and continues to) conduct proactive engagement with landowners, communities and Indigenous groups to receive feedback and address any concerns related to the Project. Imperial explained that it will be working within existing easements, where possible, and requirement for new easements for the Project. In regards to protecting drinking water, Imperial indicated that it is looking at source water protection plans and groundwater monitoring. Imperial provided Burlington Green with an update on vegetation, fish and wildlife assessments. Imperial noted that all assessments including the regulatory application will be available for public comment.	No
146	7/19/2018	Burlington Post	Distribution of a media advisory by NATIONAL	Media advisory issued to local/regional media publications to notify them of the Burlington Community Information Session; Imperial contact and RSVP information was provided.	7/19/2018	N/A - outgoing correspondence - no further response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
705	11/24/2018	Burlington Post	Imperial response to Burlington Post reporter	Response to media request from Burlington Post. A Burlington-area resident contacted the Burlington Post and indicated that Imperial intends to “clear-cut” trees along a stretch of the Greenbelt through Burlington as part of the Project. A reporter from the Burlington Post posed this inquiry to Imperial; asked if Imperial could verify the resident’s claim about the purported clear-cutting activities.	11/26/2018	<p>Imperial informed the reporter that within the Burlington area the proposed pipeline will be installed within the existing Imperial easement, parallel to the current operating pipeline. Vegetation on Imperial's easements is currently maintained in to ensure visibility and support safe pipeline operations. The Project will require additional temporary workspace to accommodate construction activities. Tree removal may be required in these areas.</p> <p>Studies have already taken place to identify treed areas along the pipeline route, and planning is ongoing to determine the specific temporary workspace requirements. A tree inventory is planned to be completed through the winter and spring to understand the number and type of trees that may require removal. Imperial will be working closely with landowners and the municipality throughout this process.</p>	No
510	10/5/2018	Canadian National	Meeting with Canadian National (CN) attended by CanACRE, Imperial and UPI.	<p>Imperial provided CN with an overview of the Project. Imperial and CN discussed affected CN railway property requirements and approvals as well as CN-owned property requirements and approvals.</p> <p>CN to confirm their requirements for CN surplus lands and provide a list of existing tenants on existing surplus lands. CN is also going to provide project number that will be assigned for the crossings application.</p>	10/5/2018	N/A – see attached meeting minutes.	181005 WFP CN CanACRE
150	7/12/2018	Christian Farmers Federation of Ontario	Invitation from NATIONAL, on behalf of Imperial, to the Christian Farmers Federation of Ontario	Invitation issued to the Christian Farmers Federation of Ontario for the Hamilton, Burlington and Milton Community Information Sessions.	7/19/2018	The Christian Farmers Federation of Ontario responded that their members received the Hamilton Community Information Session details.	No
231	7/26/2018	Christian Farmers Federation of Ontario	Discussion between Imperial and the Christian Farmers Federation of Ontario	Discussion with Christian Farmers Federation of Ontario at the Hamilton Community Information Session; representative indicated that many farmers have weeping/drain tile installed at depths greater than four (4) ft. Asked if digging a trench would impact their underground water collection systems. The attendee had also heard that treaty rights are only applicable to surface terrain (i.e. not valid below ground); they asked for clarification.	7/26/2018	Imperial representative identified that as the Project proceeds, Imperial will make every effort to limit its construction footprint in local communities. Trenched construction may impact drain tile systems where they are installed below the bottom of the trench. If the drain tiles are required to be removed, Imperial will work with the landowner to replace/fix once installation is complete. Imperial could not comment on legal surface/subsurface rights of First Nations. We are engaging with First Nations in the area to participate in the field archaeological assessments. As many artefacts in the region are related to Indigenous heritage, these First Nations have an interest in the artefacts that may be found and ultimately how they are handled.	No
696	5/15/2018	City of Burlington	Email from NATIONAL, on behalf of Imperial to City of Burlington	Email correspondence with City of Burlington staff to coordinate meeting with Mayor and councillors	5/15/2018	N/A – outgoing correspondence, no follow-up required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
126	6/5/2018	City of Burlington	Meeting with the City of Burlington and two councillors attended by NATIONAL.	Meeting with Mayor of Burlington and two councillors. Topics included: Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes. Provided information on the July Burlington Community Information Session.	6/18/2018	N/A – no follow-up required.	No
262	6/27/2018	City of Burlington	Meeting with City of Burlington attended by Imperial and NATIONAL.	Meeting with representatives from the City of Burlington. Topics included Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes.	6/27/2018	During the discussion, Imperial's emergency response program and upcoming emergency response preparedness exercise were discussed. The City provided the name of a point of contact for matters related to the Project. The City also requested that Imperial invite the Burlington Agriculture Committee and Halton Environmental Network to the Community Information Session.	No
166	7/9/2018	City of Burlington	Invitation from NATIONAL, on behalf of Imperial.to City of Burlington staff	Invitation issued to City of Burlington staff for the Burlington Community Information Session. Requested input on stakeholder invitations.	7/11/2018	Burlington recommended that two local environmental groups should be invited. Imperial thanked the staff for the recommended invitees. The two local environmental groups were invited to attend the Community Information Session.	No
165	7/9/2018	City of Burlington	Invitation from NATIONAL, on behalf of Imperial to the Mayor of Burlington and councillors	Invitation issued to the Mayor of Burlington and two councillors for the Burlington Community Information Session. Requested input on stakeholder invitations. Provided an offer to meet, if unavailable to attend the information session.	7/9/2018	N/A – outgoing correspondence, no response required.	No
181	7/11/2018	City of Burlington	Invitation from NATIONAL, on behalf of Imperial to the Burlington agricultural committee	Invitation issued, via City of Burlington councillor, to a representative from the City's agricultural committee.	7/11/2018	N/A – outgoing correspondence, no response required.	No
182	7/12/2018	City of Burlington	Invitation from NATIONAL, on behalf of Imperial to Burlington councillors	Invitations issued to four City of Burlington councillors for the Burlington Community Information Session. The city councillors were also informed of other invitees, and were encouraged to invite other interested stakeholders. Imperial also attached Project materials.	7/12/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
149	7/12/2018	City of Burlington	Email notification from NATIONAL, on behalf of Imperial to City of Burlington staff	Email issued to City of Burlington staff to inform that Imperial had provided invitations to Burlington Council, Burlington Chamber of Commerce, PERL and Halton Environmental Network. Imperial asked if there were any other groups or stakeholders the Mayor would like to be invited. City staff suggested including Burlington Green to the distribution list.	8/17/2018	Imperial invited Burlington Green to the Community Information Session.	No
229	7/24/2018	City of Burlington	Discussion between City of Burlington staff and Imperial	Discussion with a member of the City of Burlington at information session; they inquired about the waste management, water protection and wildlife in Burlington. An Imperial representative provided information relating to the Project, including the environmental assessment process and subsequent environmental report. Addressed how Imperial will take mitigate actions.  See supporting document for more info.	6/24/2018	Response provided by Imperial at the Information Session. See attached document.	180724 Conversation w Burlington official at info session
243	8/3/2018	City of Burlington	Email from Imperial to City of Burlington	Email notification to City of Burlington staff following the Community Information Session in July 2018; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session.	8/3/2018	City of Burlington staff asked to receive a map to confirm the exact location where the pipeline crosses Bell School Line and Cedar Springs. Imperial provided the requested map.	No
242	8/3/2018	City of Burlington	Email from Imperial to Burlington city councillor	Email notification to Burlington city councillor following the Community Information Session in July 2018; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session.	8/3/2018	N/A – outgoing correspondence, no response required.	No
241	8/3/2018	City of Burlington	Email from Imperial to Burlington city councillors	Email notification to Burlington city councillors following the Community Information Session in July 2018; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. Community Information Session.	8/3/2018	N/A – outgoing correspondence, no response required.	No
240	8/3/2018	City of Burlington	Email from Imperial to Mayor of Burlington	Email notification to Mayor of Burlington following the Community Information Session in July 2018; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. Community Information Session.	8/3/2018	N/A – outgoing correspondence, no response required.	No
427	9/18/2018	City of Burlington	Invitation from Imperial to City of Burlington staff	Imperial reiterated its commitment to safety and invited the City of Burlington staff to attend an observational tour of its emergency response exercise taking place Oct. 2-4, 2018. Imperial provided Burlington background information on the event as well as the location, time, length and date.  Imperial requested an RSVP if Burlington would be attending and with the names of individuals who would be representing the municipality.	9/20/2018	The City of Burlington will not be able to attend the observational tour.	No
617	10/12/2018	City of Burlington	Email from Imperial to City of Burlington	Email Project updated to City of Burlington; provided a preliminary overview route map of Project in Burlington area; as well as information about the Community Information Session.	10/12/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
652	10/22/2018	City of Burlington	Invitation from Imperial to City of Burlington representatives	Invitations issued to representatives from the City of Burlington for the Burlington Community Information Session on Nov. 6. Imperial informed the Burlington representatives what other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.	10/22/2018	N/A – outgoing correspondence, no response required.	No
698	10/23/2018	City of Burlington	Invitation from NATIONAL on behalf of Imperial to City of Burlington officials	Invitation issued to City of Burlington Mayor-elect and councillors for the Burlington Community Information Session. Requested input on stakeholder invitations.	10/25/2018	N/A – outgoing correspondence, no response required.	No
657	10/23/2018	City of Burlington	Invitation from Imperial to the Burlington Ward 3 councillor-elect	Invitation issued to Burlington Ward 3 councillor-elect for the Burlington Community Information Session on Nov. 6, 2018.  Imperial informed the councillor-elect which other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.	11/6/2018	The Ward 3 councillor-elect attended the Burlington Community Information Session.	No
656	10/23/2018	City of Burlington	Invitation from Imperial to the Burlington Ward 6 councillor	Invitation issued to Burlington Ward 6 councillor-elect for the Burlington Community Information Session in Nov. 2018.  Imperial informed the councillor-elect which other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.	11/6/2018	The Ward 6 councillor-elect attended the Burlington Community Information Session.	No
655	10/23/2018	City of Burlington	Invitation from NATIONAL on behalf of Imperial to the City of Burlington Mayor-elect	Invitation issued to the City of Burlington’s Mayor-elect for the Burlington Community Information Session. Imperial informed the Mayor-elect which other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.	11/6/2018	The Mayor-elect attended the Burlington Community Information Session.	No
594	11/6/2018	City of Burlington	Discussion between City of Burlington councillor and Imperial	The newly elected Burlington City councillor for Ward 4 attended the Burlington Community Information Session and raised several questions about the Project. She wanted to know what had changed since the previous information session in July 2018. She inquired about the archaeological assessment in relation to the Project, and stated her concern regarding tree removal and asked about current vegetation management. She also had a concern about drilling through aquifers.	11/6/2018	An Imperial representative explained that a number of the information poster boards have been updated for the Nov. 2018 series of information sessions and include information about HDD boring, feedback Imperial has received from stakeholders and the public ("what we've heard" poster), as well as additional information on safety and construction. Imperial provided the councillor with an update on known archaeological sites. In addition to conducting cultural, heritage and archaeological assessments, Imperial has engaged licensed archaeologists in the event previously unknown archaeological artefacts are observed during construction. In regards to vegetation and tree removal, Imperial explained that the current ROW is maintained as appropriate for visual inspection. Imperial indicated that studies have already taken place to identify treed areas along the pipeline route, and planning is ongoing to determine the specific temporary workspace requirements. A tree inventory is planned to be completed through the winter and spring to understand the number and type of trees that may require removal. Imperial noted that it will be working closely with landowners and the municipality throughout this process. To address the councillor's concern about drilling through aquifers, Imperial explained that it is working with the MECP to ensure protection of groundwater. The councillor added that she appreciated the level of Project knowledge and sophistication from the Imperial representative.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
593	11/6/2018	City of Burlington	Discussion between City of Burlington councillor and Imperial	The newly-elected Burlington City councillor for Ward 3 attended Imperial's Burlington Community Information Session. Project representatives provided information about the Project, ROW, construction methods, public engagement and Indigenous consultation. The city councillor asked about the source materials for the archaeological resource information.	11/6/2018	Imperial informed the councillor that he could obtain archaeological resource information through the Ministry of Tourism, Culture and Sport; however, Imperial noted that a licensed archaeologist would need to obtain it on his behalf through the Ministry.	No
572	11/6/2018	City of Burlington	Discussion between City of Burlington official and Imperial	Discussion with City of Burlington official at Community Information Session. The official suggested that Imperial look into Halton Region's Agricultural Impact Assessment guidelines and their Official Plan (agricultural land use), and consider them in the context of the OEB Environmental Report. The official asked which agriculture groups were invited to the information sessions.	11/6/2018	The Project representative indicated that the Environmental Report will include a socio-economic effects assessment, as well as an agricultural impact assessment. The Project representative confirmed that Lynn Robichaud, the Christian Farmers association and representatives from Halton Region were invited to the session.	No
739	12/19/2018	City of Burlington	Email from Imperial to City of Burlington	<p>In Oct. 2018, Imperial held a three day large-scale emergency response exercise that included internal and external participants. The first day of the event comprised of training rotations for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation.</p> <p>A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/19/2018	N/A – outgoing correspondence, no response required.	No
128	6/14/2018	City of Hamilton	Meeting with City of Hamilton Mayor and staff attended by Imperial.	Meeting with City of Hamilton and staff to provide a Project briefing. Topics included: Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes. Imperial provided an update on the upcoming Hamilton Community Information Session.	6/14/2018	The City recommended Imperial to coordinate a follow-up meeting with City staff to review technical details and considerations. The City of Hamilton commented that it may request Imperial to present at Council in 2018/2019.	No
174	7/10/2018	City of Hamilton	Invitation from NATIONAL on behalf of Imperial to City of Hamilton staff	Invitation issued to the City of Hamilton staff regarding the Hamilton Community Information Session. Provided the list of stakeholder invites. Requested input on additional stakeholder invitations.	7/12/2018	Imperial received a suggestion by the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) to reach out to municipal agriculture leads or advisory committees. Imperial responded to the request. Imperial provided the City of Hamilton staff responsible for the Agriculture and Rural Affairs Advisory Committee an invitation to the Hamilton Information Session.	No
173	7/10/2018	City of Hamilton	Invitation from NATIONAL on behalf of Imperial to City of Hamilton Mayor and Chief of Staff	Invitation issued to City of Hamilton Mayor and Chief of Staff for the Hamilton Community Information Session. Provided the Mayor's office with the list of various stakeholders invited. Requested input on additional stakeholder invitations.	7/10/2018	The Mayor was also offered a meeting with the Imperial team if he could not make the Community Information Session.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
172	7/10/2018	City of Hamilton	Invitation from NATIONAL on behalf of Imperial to City of Hamilton councillor	Invitation issued to the City of Hamilton councillor to the Hamilton Community Information Session. Provided the list of stakeholder invitees. Requested input on additional stakeholder invitations.	7/10/2018	N/A – outgoing correspondence, no response required.	No
234	7/26/2018	City of Hamilton	Discussion between City of Hamilton staff and Imperial	Discussion with City of Hamilton staff at the Hamilton Community Information Session; Hamilton staff representative indicated issues related to public property should be directed to the Director of Growth Planning. The official also provided the name of the Infrastructure Planning Project Manager, for planning and environment related issues. The City staff recommended to meet with Taskforce and the Fire Chief. Recommended to address landowners' concerns and report to council regularly.	7/26/2018	In response to the recommendation, Imperial and the City of Hamilton booked a meeting with the pipeline taskforce in Oct. 2018.	No
237	8/3/2018	City of Hamilton	Email from Imperial to Hamilton city councillors	Email notification to City of Hamilton councillors following the Community Information Session in July 2018; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Sessions.	8/3/2018	N/A – outgoing correspondence, no response required.	No
236	8/3/2018	City of Hamilton	Email from Imperial to City of Hamilton staff	Email notification to City of Hamilton staff following the Hamilton Community Information Session in July 2018; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session. Imperial stated that it will continue engagement efforts with the City of Hamilton to satisfy technical information requests related to the Project; discussed organizing a meeting with the Hamilton Pipeline Taskforce in Sept. 2018.	8/3/2018	N/A – outgoing correspondence, no response required.	No
235	8/3/2018	City of Hamilton	Email from Imperial to Mayor of Hamilton	Email notification to Mayor of Hamilton following the Community Information Session in July 2018; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Sessions.	8/3/2018	N/A – outgoing correspondence, no response required.	No
699	10/10/2018	City of Hamilton	Meeting with City of Hamilton attended by Imperial	<p>Meeting with City of Hamilton councillors and officials to discuss the councillors' guidance over the duration of the project to help ensure Imperial meet the needs of the City and its residents.</p> <p>The following topics were discussed during the briefing meeting: project location and timeline, minimizing construction impacts, land, regulatory and permitting approvals, environmental planning process, safe pipeline deactivation, proactive protection and preventative maintenance program, engagement and transparency, and Imperial's contributions to Ontario.</p> <p>The Imperial team captured a number of action items. Most importantly, keeping a proactive information flow to the councillors' offices and constituents. An invitation was extended to the Hamilton Information Session to be held in Nov. 2018.</p>	10/10/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
611	10/11/2018	City of Hamilton	Meeting with Waterdown to Finch Hamilton Pipeline Taskforce attended by Imperial	Waterdown to Finch Hamilton Pipeline Taskforce team meeting.  The City of Hamilton Special Project Manager responded to ask that the project team attend a meeting at City Hall.  Imperial provided the City of Hamilton with the preliminary overview route map of Imperial's Project as well as an invitation to the Community Information Session.	10/11/2018	N/A – outgoing correspondence, no response required.	No
664	10/23/2018	City of Hamilton	Invitation from Imperial to the City of Hamilton's Mayor	Invitation issued to City of Hamilton's Mayor for the Hamilton Community Information Session on Nov. 8, 2018.  Imperial informed the Mayor what other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.	10/23/2018	N/A – outgoing correspondence, no response required.	No
663	10/23/2018	City of Hamilton	Invitation from Imperial to the City of Hamilton's Ward 15 councillor	Invitation issued to City of Hamilton Ward 15 councillor for the Hamilton Community Information Session on Nov. 8, 2018.  Imperial informed the councillor what other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.	10/23/2018	N/A – outgoing correspondence, no response required.	No
98	4/5/2018	City of Mississauga	Email from NATIONAL, on behalf of Imperial to City of Mississauga to request introductory meeting	Email to City of Mississauga to request introductory meeting/ Project briefing.	4/13/2018	Meeting with City of Mississauga held on Apr. 13, 2018	No
99	4/13/2018	City of Mississauga	Meeting with Mayor of Mississauga and staff attended by NATIONAL.	Meeting with the Mayor of the City of Mississauga and staff to provide an initial Project briefing.	5/25/2018	Following the meeting, Imperial advised that the July Mississauga Community Information Session will take place at the Living Arts Centre.	No
123	5/22/2018	City of Mississauga	Meeting with City of Mississauga councillors attended by NATIONAL.	Meeting with Mississauga councillors to provide a Project briefing. Topics included: Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes. An invitation was extended to the July Mississauga Community Information Session.	6/18/2018	Imperial provided additional Project maps.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
255	5/23/2018	City of Mississauga	Meeting with Mayor of Mississauga attended by NATIONAL	Meeting with the City of Mississauga. Topics included: Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes.	5/23/2018	Representatives were invited to the Mississauga Community Information Session.	No
163	7/5/2018	City of Mississauga	Email from NATIONAL to City of Mississauga staff	Email issued to a City of Mississauga official to provide an introduction to the Project and schedule a broader Project briefing.	7/5/2018	Meeting took place Jul. 17, 2018.	No
162	7/5/2018	City of Mississauga	Invitation from NATIONAL on behalf of Imperial to City of Mississauga councillor	Invitation issued to City of Mississauga councillor for the Mississauga Community Information Session. Requested input on stakeholder invitations.	7/5/2018	N/A – outgoing correspondence, no response required.	No
161	7/5/2018	City of Mississauga	Invitation from NATIONAL on behalf of Imperial to City of Mississauga councillor	Invitation issued to City of Mississauga councillor for the Mississauga Community Information Session. Requested input on stakeholder invitations.	7/5/2018	N/A – outgoing correspondence, no response required.	No
160	7/5/2018	City of Mississauga	Invitation from NATIONAL on behalf of Imperial to Mississauga councillor	Invitation issued to City of Mississauga councillor and staff for the Mississauga Community Information Session. Requested input on stakeholder invitations.	7/5/2018	N/A – outgoing correspondence, no response required.	No
159	7/5/2018	City of Mississauga	Email from NATIONAL to Mississauga City councillor	Email to City of Mississauga councillor to provide them with an update on invitations to the Mississauga Community Information Session. Requested input on stakeholder invitations.	7/5/2018	N/A – outgoing correspondence, no response required.	No
158	7/5/2018	City of Mississauga	Invitation from NATIONAL to Mississauga councillor	Invitation issued to City of Mississauga councillor for the Mississauga Community Information Session. Requested input on stakeholder invitations.	7/5/2018	N/A – outgoing correspondence, no response required.	No

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195	7/12/2018	City of Mississauga	Telephone conversation with Mississauga councillor and Imperial	Telephone conversation with a Mississauga councillor and their assistant. Imperial confirmed that landowners who back onto the HONI corridor have been invited to the Community Information Session. Imperial confirmed that landowners received postcard invitations via mail, and were informed through public advertising and direct mail. Lastly, Imperial confirmed the contact information and the Project website can be used to direct landowners for future information requests.	7/12/2018	N/A - no follow-up required.	No
152	7/5/2018	City of Mississauga	Invitation from NATIONAL on behalf of Imperial to MPP for Mississauga East-Cooksville	Invitation issued to the MPP for Mississauga East-Cooksville for the Mississauga Community Information Session. Provided a brief Project update and indicated who else had been invited to the information session.	7/17/2018	MPP for Mississauga East-Cooksville provided regrets for the Mississauga Community Information Session but expressed interest in being kept apprised of future sessions.	No
318	7/17/2018	City of Mississauga	Meeting with City of Mississauga attended by Imperial	During the briefing, with Public Works, Imperial provided an overview of the following topics: project location and timeline, minimizing construction impacts, land, regulatory and permitting approvals, environmental planning process, safe pipeline deactivation, proactive protection and preventative maintenance program, engagement and transparency, and Imperial's contributions to Ontario. Imperial also discussed streamline approval process with the city and the need to communicate through a designated point of contact.	7/17/2018	Imperial and the City of Mississauga discussed the need to coordinate on the construction schedule with the Hurontario LRT project, given that 403 overpass construction will be taking place during the Project. Imperial was informed that it will likely need to coordinate with the City of Mississauga and Metrolinx. Imperial and Mississauga agreed that there would need to be coordination with Mississauga's environmental services for the Nov. 2018 Community Information Session. Imperial discussed timelines for design drawings and future coordination with city. Imperial recommended giving Project email/phone to city's 311 services.	No
503	7/26/2018	City of Mississauga	Meeting with the City of Mississauga attended by CanACRE, ERM, Imperial and UPI	Imperial provided the City of Mississauga with an overview of the Project. Imperial and Mississauga discussed affected City lands and requirements of the project. Imperial confirmed the City of Mississauga's road crossing and surplus land requirements and approvals. Each specific city road crossing was discussed. Imperial and Mississauga discussed affected MiWay infrastructure and ongoing projects.	7/26/2018	N/A – see attached meeting minutes.	180726 WFP Mississauga CanACRE
222	7/27/2018	City of Mississauga	Email from City of Mississauga to Imperial	Inquiry from City of Mississauga Heritage Planning Supervisor on the Project's OEB LTC application and the Credit River replacement project that is currently ongoing.	7/30/2018	Imperial responded to inquiry by stating that the Project will a LTC application with the OEB , which will include an Environmental Report. Additionally, since a portion of the Project may require land easement transactions over IO and HONI lands, Imperial will be submitting a Class EA to IO. Clarification that the Credit River project is separate from the Project Shared Project website link.	No
631	8/3/2018	City of Mississauga	Invitation from NATIONAL on behalf of Imperial to Mississauga councillor	Invitation issued to Ward 4 Mississauga councillor for the Community Information Session. Imperial informed the councillor who else has been invited and how the event was promoted in the community.	8/3/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
257	8/3/2018	City of Mississauga	Email from Imperial to City of Mississauga staff	Email notification to City of Mississauga staff following the Mississauga Community Information Session in July; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session.	8/9/2018	The City of Mississauga staff thanked Imperial for their chance to suggest a meeting date and said that they look forward to continue working together in the future.	No
250	8/3/2018	City of Mississauga	Email from Imperial to City of Mississauga councillor	Email notification to City of Mississauga councillor following the Mississauga Community Information Session in July; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session.	8/3/2018	N/A – outgoing correspondence, no response required.	No
249	8/3/2018	City of Mississauga	Email from Imperial to Mississauga City councillor	Email notification to City of Mississauga councillor following the Mississauga Community Information Session in July; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session.	8/3/2018	N/A – outgoing correspondence, no response required.	No
248	8/3/2018	City of Mississauga	Email from Imperial to Mississauga City councillor	Email notification to City of Mississauga councillor following the Mississauga Community Information Session in July; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session.	8/3/2018	N/A – outgoing correspondence, no response required.	No
247	8/3/2018	City of Mississauga	Email from Imperial to Mississauga City councillor	Email notification to City of Mississauga councillor following the Mississauga Community Information Session in July 2018; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session.	8/3/2018	N/A – outgoing correspondence, no response required.	No
246	8/3/2018	City of Mississauga	Email from Imperial to Mayor of Mississauga	Email notification to Mayor of Mississauga following the Mississauga Community Information Session in July 2018; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session.	8/3/2018	N/A – outgoing correspondence, no response required.	No
422	9/18/2018	City of Mississauga	Invitation from Imperial to City of Mississauga staff	Imperial reiterated its commitment to safety and invited the City of Mississauga staff to attend an observational tour of its emergency response exercise taking place Oct. 2-4, 2018. Imperial provided Mississauga background information on the event as well as the location, time, length and date.  Imperial requested an RSVP if Mississauga would be attending and the names of individuals who would be representing the municipality.	9/18/2018	Mississauga staff replied saying they were unable to attend and offered their regrets.	No
613	10/12/2018	City of Mississauga	Email from Imperial to City of Mississauga	Email Project update to City of Mississauga.  Imperial provided a preliminary overview route map of Project in Mississauga as well as information about the Community Information Session.	10/12/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
668	10/25/2018	City of Mississauga	Invitation from NATIONAL on behalf of Imperial to the City of Mississauga's Ward 3 councillor	Invitation issued to Mississauga's Ward 3 councillor for the Mississauga Community Information Session on Nov. 15, 2018.  Imperial informed the councillor what other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.	10/25/2018	N/A – outgoing correspondence, no response required.	No
667	10/25/2018	City of Mississauga	Invitation from NATIONAL on behalf of Imperial to the City of Mississauga's Ward 4 councillor	Invitation issued to Mississauga's Ward 4 councillor for the Mississauga Community Information Session on Nov. 15, 2018.  Imperial informed the councillor what other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.	10/25/2018	N/A – outgoing correspondence, no response required.	No
666	10/25/2018	City of Mississauga	Invitation from NATIONAL on behalf of Imperial to the City of Mississauga's Mayor's office	Invitation issued to Mississauga's Mayor's office for the Mississauga Community Information Session on Nov. 15, 2018.	12/17/2018	Following the session, Imperial provided a follow up email reporting on the Community Information Session. The email included attendance figures, an overview of the information presented at the session and noted the inclusion of the environmental features maps.  The email indicated that the majority of comments received at the session related to the direct construction impacts of the Project on the local community and the environment. Imperial indicated that Project land agents continue to work one-on-one with each Burlington landowner and adjacent landowner.	No
665	10/25/2018	City of Mississauga	Invitation from NATIONAL on behalf of Imperial to the City of Mississauga's Ward 6 councillor	Invitation issued an invitation to Mississauga's Ward 6 councillor to attend the Mississauga Community Information Session on Nov. 15, 2018. Imperial informed the councillor what other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.	10/25/2018	N/A – outgoing correspondence, no response required.	No
687	11/12/2018	City of Mississauga	Meeting with City of Mississauga attended by CanACRE	Meeting with City of Mississauga to confirm the outstanding requirements for non-intrusive survey agreement execution, City of Mississauga review of intrusive surveys, and to confirm the submission process for City of Mississauga tenant land access.	11/12/2018	N/A – see attached meeting minutes.	181112 WFP Mississauga CanACRE

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736	12/19/2018	City of Mississauga	Email from Imperial to City of Mississauga	<p>In Oct. 2018 Imperial held a three day large-scale emergency response exercise that included internal and external participants. The first day of the event comprised of training rotations for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation. A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/19/2018	N/A – outgoing correspondence, no response required.	No
104	5/23/2018	City of Toronto	Meeting with Toronto City councillors attended by Imperial	Meeting with two City of Toronto councillors and staff. Topics included: Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes. Imperial also discussed the pipeline locations and the depth of the line.	5/23/2018	N/A – no follow-up required.	No
391	5/24/2018	City of Toronto	Meeting with the City of Toronto attended by Imperial.	Meeting with City of Toronto councillors. Topics included: Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes.	5/24/2018	Imperial and the City of Toronto agreed to ongoing communication and a technical review of plans when developed.	No
256	6/13/2018	City of Toronto	Meeting with City of Toronto Mayor's office, attended by NATIONAL.	Meeting with the City of Toronto's Mayor's office to provide a Project briefing. Topics included: Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes.	6/13/2018	Imperial informed the Mayor's office of the Toronto Community Information Session.	No
261	6/14/2018	City of Toronto	Meeting with Toronto City councillor attended by Imperial	Meeting with City of Toronto councillor to provide a Project briefing. Topics included: Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes.	6/14/2018	The councillor inquired about an ongoing maintenance program (integrity dig) which required access to a constituent's property; Imperial notified the councillor the work referenced was no longer required.	No
148	7/4/2018	City of Toronto	Invitation from NATIONAL on behalf of Imperial to City of Toronto Deputy Mayor/ city councillor	Invitations issued to the City of Toronto's Deputy Mayor/ city councillor and his assistant for the Toronto Community Information Session.	7/4/2018	N/A – outgoing correspondence, no response required.	No

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147	7/4/2018	City of Toronto	Invitation from NATIONAL on behalf of Imperial to City of Toronto Mayor's office staff	Invitation issued to the City of Toronto Mayor's office staff to attend the Toronto Community Information Session.	7/4/2018	N/A – outgoing correspondence, no response required.	No
164	7/6/2018	City of Toronto	Invitation from NATIONAL on behalf of Imperial to City of Toronto councillor	Invitation issued to City of Toronto councillor for the Toronto Community Information Session. Requested input on stakeholder invitations.	8/6/2018	The councillor's constituency assistant thanked Imperial for the invitation and noted the councillor planned on attending the Community Information Session.	No
129	7/24/2018	City of Toronto	Meeting with City of Toronto councillor attended by Imperial	Meeting with City of Toronto councillor to discuss the Project. Topics included Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes.  Imperial provided a report-back about the July Community Information Session. The councillor asked if it would be possible to hold the Nov. 2018 Community Information Session at the James Cardinal McGuigan High School.	7/24/2018	Imperial responded to the councillor to indicate that based on availability, the Nov. 2018 Community Information Session will be held at Royal Canadian Legion (same venue as previous session).	No
630	9/21/2018	City of Toronto	Email from National to City of Toronto staff	Meeting with the City of Toronto Major Capital Infrastructure team and Real Estate division to provide an overview of the Project, affected City of Toronto lands and requirements, and establishing points of contact with the city and the TTC.	9/21/2018	N/A – see attached meeting minutes.	180921 WFP Toronto CanACRE
619	10/19/2018	City of Toronto	Invitation from Imperial to the City of Toronto	Invitation issued to the City of Toronto's Deputy City Manager for the Toronto Community Information Session. Imperial also provided a preliminary overview route map.	10/19/2018	N/A – outgoing correspondence, no response required.	No
692	10/30/2018	City of Toronto	Invitation from Imperial to City of Toronto councillor	Imperial emailed Ward 2 councillor to invite them to the Toronto Community Information Session.	10/30/2018	N/A – outgoing correspondence, no response required.	No
691	10/30/2018	City of Toronto	Invitation from Imperial to City of Toronto councillor	Imperial emailed Ward 1 councillor to invite them to the Toronto Community Information Session.	10/30/2018	N/A – outgoing correspondence, no response required.	No
690	10/30/2018	City of Toronto	Invitation from Imperial to City of Toronto councillor	Imperial emailed Ward 8 councillor to invite them to the Toronto Community Information Session.	10/30/2018	N/A – outgoing correspondence, no response required.	No

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688	10/30/2018	City of Toronto	Invitation from Imperial to City of Toronto official for the Toronto Community Information Session	Imperial emailed the Director of Council & Stakeholder Relations and Senior Advisor of Council & Stakeholder Relations to invite them to the Toronto Community Information Session.	10/30/2018	N/A – outgoing correspondence, no response required.	No
599	11/13/2018	City of Toronto	Discussion between CanACRE and Imperial with City of Toronto Transportation Engineer	A transportation engineer/coordinator from the City of Toronto, who participated in the July 2018 Community Information Session, attended the Nov. 2018 Community Information Session in Toronto to get an update on the Project. Imperial representatives explained the areas of progress that had been made on the Project, particularly with City of Toronto, since the previous Information Session in July. Imperial provided information on the types of construction methods shown on the regional maps. The City of Toronto representative was also shown the video explaining how the trenchless horizontal directional drill (HDD) technology works, and where (in relation to the regional maps) this technology will be employed, i.e. municipal road crossings, environmentally sensitive areas, etc. It was explained that the construction access plan is in progress and will be submitted to the City of Toronto for review, which will be circulated to the traffic department.	11/13/2018	The City of Toronto representative expressed appreciation for the status update, and did not pose any follow-up questions.	No
741	12/14/2018	City of Toronto	Meeting with City of Toronto attended by CanACRE, ERM, Past Recovery, and UPI	Meeting with City of Toronto to discuss survey access submissions (archaeology, geotechnical, and vegetation surveys) and any City comments. The process for future access and crossing/ lands submissions and approvals.	12/14/2018	N/A – see attached meeting minutes.	181214 WFP Toronto CanACRE
504	7/25/2018	Canadian Pacific Railway	Meeting with CP Rail attended by CanACRE, Imperial, Stantec and UPI	Imperial provided CP Rail with an overview of the Project. Imperial and CP Rail discussed affected CP Rail lands and requirements.  Imperial and CP Rail discussed geotechnical and settlement monitoring requirements. Each specific individual crossing between the Project and CP Rail lands were discussed. Corridor access permit and utility crossing applications were discussed.	7/25/2018	N/A – see attached meeting minutes.	180725 WFP Canadian Pacific CanACRE
651	11/7/2018	Credit Pointe Resident's Association	Invitation from NATIONAL on behalf of Imperial to the Credit Pointe Resident's Association	Invitation issued to the Credit Pointe Resident's Association for the Mississauga Community Information Session. Email invitation also included an update on the Project, as well as an update on the Credit River Valley Project, another subject of engagement with the association.	11/7/2018	N/A – outgoing correspondence, no response required.	No

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141	6/21/2018	Daily Commercial News	Media response issued by Imperial to the Daily Commercial News	A journalist from the Daily Commercial News contacted Imperial and indicated they were developing a story about the Waterdown to Finch Project; requested a quote for attribution, and more information about a list of registered lobbyists associated with the Project.	6/21/2018	An Imperial spokesperson provided an update on the Project; informed the journalist that Imperial is conducting outreach and engagement with municipal stakeholders along the Project's ROW to inform them about the Project. Provided a list of Imperial's registered lobbyists with the City of Hamilton. Imperial stated that it will comply with all applicable laws, regulations and associated permit and approval requirements. Imperial also stated that it will look to work with local contractors and business services, including from Indigenous groups, throughout the life of the project.	No
473	10/4/2018	Enbridge Inc.	Meeting with Enbridge attended by CanACRE, Enbridge, Imperial, Stantec, and UPI	<p>Meeting with Imperial and Enbridge to go through the "Enbridge Monitoring of Intrusive Field Work" document, including the Project overview, scope of work, descriptions of the archaeological and geotechnical surveys, the schedule of the work, and the equipment details.</p> <p>Enbridge noted that they have only received approximately 25 temporary equipment crossings from Imperial and asked when it can expect the balance. CanACRE clarified that all instances where equipment will be crossing Enbridge Gas Distributions' vital mains to access the boreholes have been identified, as well as any boreholes within 5 metres of its vital mains. No more crossings are required to be submitted to Enbridge Gas Distribution for review.</p> <p>Enbridge confirmed that they are fine with Stantec staking the identified Enbridge crossing locations.</p>	10/4/2018	No immediate follow-up actions for Imperial. Stantec to provide Imperial with proposed air bridge design specifications, so Imperial can follow-up with Ann Newman at EPI to obtain approval documents based on an air bridge (versus ramps).	181004 WFP Enbridge CanACRE
694	7/13/2018	Etobicoke Guardian	Media advisory issued by Imperial to the Etobicoke Guardian	Media advisory issued to local/regional media publications to notify them of the Toronto Community Information Session; Imperial contact and RSVP information was provided.	7/13/2018	N/A – outgoing correspondence, no response required.	No
678	11/9/2018	Etobicoke Guardian	Media advisory issued by Imperial to the Etobicoke Guardian	Media advisory issued to local/regional media publications to notify them of the Toronto Community Information Session; Imperial contact and RSVP information was provided.	11/9/2018	N/A – outgoing correspondence, no response required.	No
233	7/26/2018	Flamborough Chamber of Commerce	Discussion between Imperial and the Flamborough Chamber of Commerce	Discussion with contact from Flamborough Chamber of Commerce at the Hamilton Community Information Session; Imperial representative provided information about the environmental mitigation measures.	7/26/2018	N/A – outgoing correspondence, no response required.	No
191	7/23/2018	Flamborough Review	Email from Imperial to the Flamborough Review	Email response to voicemail from the Flamborough Review; requested details about the Hamilton Community Information Session.	7/23/2018	Imperial responded via email to provide details on background information and extended an invitation to the Hamilton Community Information Session.	No

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673	11/5/2018	Flamborough Review	Media advisory issued by Imperial to the Flamborough Review	Media advisory issued to local/regional media publications to notify them of the Hamilton Community Information Session; Imperial contact and RSVP information was provided.	11/5/2018	N/A - outgoing notification - no further response required.	No
203	6/15/2018	General Public	Email from General Public to Imperial.	The individual inquired about Imperial's OEB case file number for the Leave to Construct application, and asked to be informed of future Community Information Sessions.	6/20/2018	Imperial responded that it will not have the LTC filing case number until they file the application with the OEB. Imperial provided information about the July Community Information Session in Burlington.	No
137	6/17/2018	General Public	Email from Imperial to Burlington landowner	Email response to Burlington landowner request for information about easements and the pipeline corridor.	6/17/2018	Imperial indicated that most replacement work will take place within the existing corridor or in close vicinity. All landowners in proximity to the pipeline will be notified by CanACRE, Imperial's dedicated land matters agent, and Imperial will work closely with all easement owners for the Project.	No
138	6/20/2018	General Public	Email response from Imperial to an Etobicoke landowner	Etobicoke landowner received a Project notification letter; requested additional information about construction plans, site work and timelines.	6/20/2018	Imperial's land management team contacted the landowner directly to provide more information via phone.	No
180	6/29/2018	General Public	Email from Imperial to a Mississauga landowner	Email response to a Mississauga landowner about the date of the Mississauga Community Information Session. Provided background information about the Project and noted the availability of maps available on the Project web page.	6/29/2018	N/A – outgoing correspondence, no response required.	No
198	7/9/2018	General Public	Telephone response from Imperial to Mississauga landowner	Telephone response to a request from a Mississauga landowner inquiring if there was space available to attend the Mississauga Community Information Session.	8/9/2018	Imperial confirmed that space was available.	No
139	7/16/2018	General Public	Discussion between Imperial and a member of the public	<p>Discuss with member of the public at the Oakville Community Information Session. Imperial representative provided a general overview of the Project. The community member indicated that he is not directly affected by the Project, but recommended that Imperial look into the following approvals processes on the City's website:</p> <ul style="list-style-type: none"><li>■ Tree removal bylaw.</li><li>■ Site alteration bylaw (material: soil, asphalt, concrete).</li></ul> <p>He also informed Imperial that are no local waste management sites available for disposal of construction waste. He suggested Imperial contact Halton Region for Source Water Protection requirements.</p>	7/16/2018	Imperial appreciated the insights provided by the participant, and advised that they will take the recommendations under advisement when they proceed into the construction phase. Imperial also noted that it is engaging directly with municipalities and their permitting and functional departments.	No

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230	7/24/2018	General Public	Discussion between Imperial and a member of general public	Discussion with member of the general public at the Burlington information session; individual asked if the new pipeline will have more advanced monitoring (integrity, leak prevention, etc.) capabilities. They also asked what Imperial forecasts in terms of use/ demand on the line over the long-term (65 years).	7/24/2018	An Imperial representative indicated that it conducts routine and frequent aerial and daily ground monitoring of the pipeline path and uses protected steel pipe that is coated to safeguard against external corrosion. Also noted that it uses industry-leading inspection tools to confirm both internal and external characteristics of the steel to identify and prioritize repairs. On depth, indicated that the pipe is buried below ground (at various depths along the route) to protect it from damage. The team was able to answer all of the community member's questions and provide contact information for any further questions or requests.	No
227	7/24/2018	General Public	Discussion between Imperial and a member of the general public	Discussion with a member of the public at the Burlington Community Information Session. The community member requested procurement/tendering updates. Expressed concern that companies from Alberta will be brought in to perform the work.	7/24/2018	The Imperial representative noted that the Project is still in the relatively early stages. They indicated that the current focus is to complete all environmental and cultural assessments, permitting requirements, and well as government, Indigenous and community engagement. More information on the procurement and tendering process will be made available. Updates will be provided on Imperial's website.	No
228	7/24/2018	General Public	Discussion between member of the general public and Imperial	<p>The community member asked Imperial representatives a variety of questions related to the Project, including:</p> <ul style="list-style-type: none"><li>■ How do products benefit people?</li><li>■ How long will this process be?</li><li>■ Are you already doing work?</li><li>■ Where do you think you'll get the most resistance (local businesses?)</li><li>■ Will there be local traffic impacts, cars, etc.</li><li>■ How deep does the pipeline go?</li><li>■ Will the pipeline biodegrade?</li><li>■ How will this affect roads?</li><li>■ How much product goes through?</li></ul>	7/24/2018	<p>An Imperial representative responded that the SPPL is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. The line carries a variety of products, including gasoline, aviation fuel and diesel. These products keep people, goods and services moving throughout our region and beyond. Per Imperial's Project timeline, Imperial anticipate that construction will be in late-Fall 2019, and the line is projected to be in-service by late-2020. These timelines are subject to regulatory and permitting approvals.</p> <p>Imperial has commenced routing, environmental and cultural assessments. Project engineering is anticipated to be complete by the summer 2019. In the interim, Imperial and Project representatives are working along the ROW to conduct assessments and meet with local landowners. Imperial is committed to meaningful community, government and Indigenous engagement throughout the duration of the Project. Imperial is working diligently to engage with all potential stakeholders and landowners to ensure that it has heard and addressed community concerns. Community members can provide feedback in a variety of ways, including at the Community Information Sessions, by phone and email (e.g. <a href="mailto:questions@imperialon.ca">questions@imperialon.ca</a>), and by participating in the OEB's Leave to Construct process.</p> <p>Imperial will work closely with municipalities and residents so the impacts on traffic are as limited as possible.</p> <p>Imperial will employ trenchless construction methods (i.e. horizontal directional drilling (HDD) and HDB) to avoid roadways and ecologically sensitive areas.</p> <p>Imperial pipelines are buried to a depth that meets or exceeds applicable standards and regulations. We will be at a minimum 1.2 meters deep (4 feet) and in some instances (trenchless methods like road bores, or rail road crossings) be near 8 meters deep. In case of the HDD crossings however the deepest profile of the pipe could extend below 8 meters depending on the design and bedrock depth.</p> <p>Imperial uses protected steel pipe that is coated to safeguard against external corrosion and degradation. Cathodic protection, a technique that uses low-voltage electric currents to curb corrosion, works with the coating to protect the pipe from external elements. The system is designed for around 70,000 barrels of product per day.</p>	No

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708	10/24/2018	General Public	Invitation to members of the public by Imperial	At the July Community Information Session in Toronto, attendees had the option to provide their contact coordinates and receive future communication about the Project, including upcoming information sessions. Imperial invited the 11 individuals that requested this to the Toronto Community Information Session on Nov. 13, 2019.	10/24/2018	N/A – outgoing correspondence, no response required.	No
707	10/24/2018	General Public	Invitation to members of the public by Imperial	At the July Community Information Session in Mississauga, attendees had the option to provide their contact coordinates and receive future communication about the Project, including upcoming information sessions. Imperial invited the eight (8) individuals that requested this to the Mississauga Community Information Session on Nov. 15, 2018.	11/15/2018	N/A – outgoing correspondence, no response required.	No
706	10/24/2018	General Public	Invitation to members of the public by Imperial	At the July Community Information Session in Hamilton, attendees had the option to provide their contact coordinates and receive future communication about the Project, including upcoming information sessions. Imperial invited the 11 individuals that requested this to the Hamilton Community Information Session on Nov. 8, 2018.	10/24/2018	N/A – outgoing correspondence, no response required.	No
680	10/24/2018	General Public	Invitation to members of the public by Imperial	At the July Community Information Session in Burlington, attendees had the option to provide their contact coordinates and receive future communication about the Project, including upcoming information sessions. Imperial invited individuals that requested this to the Burlington Community Information Session in Nov. 2018.	10/24/2018	N/A – outgoing correspondence, no response required.	No
670	10/30/2018	General Public	Invitation from Imperial to individual	Imperial invited the individual to the Burlington Community Information Session on Nov. 6, 2018.	10/30/2018	Individual attended the Burlington Community Information Session on Nov. 6, 2018	No
720	10/30/2018	General Public	Email response from Imperial to individual (General Public) and copying TSSA	After being invited to the Burlington Community Information Session on Nov. 6, 2018 the individual thanked Imperial for the invite and asked the following questions: <ul style="list-style-type: none"> <li>■ What will happen at the location, when or if the HDD for the new line leads to detection of petroleum product residue in the surrounding soil?</li> <li>■ What were the ILI findings for the old line in this area?</li> <li>■ What is the service history of the old line with respect to ruptures/leaks/spills?</li> <li>■ Who is responsible for the integrity of the old pipeline?</li> <li>■ If there is evidence found of a past leak at this location, what will Imperial do with respect to remediation?</li> </ul>	11/6/2018	Imperial responded and explained that it maintains a robust monitoring and maintenance program for all its assets to protect people and the environment. The company is responsible for the operation of its Waterdown to Finch pipeline segment. The existing pipeline is actively monitored, including running in line inspection tools and conducting visual inspection and repair as necessary. Throughout this Project, Imperial continues to complete environmental assessments to identify potential or existing environmental impacts on site. Imperial will work with regulators, the province and affected stakeholders to address any identified impacts. Imperial provided details on all information sessions and encouraged the individual to attend one of them as subject matter experts can speak specifically to environmental, engineering and design, operations, land and stakeholder engagement. Alternatively, Imperial said it would be happy to set up a separate meeting with the individual.	No
604	11/6/2018	General Public	Discussion between Imperial and a member of the public	A member of the public at the Burlington Community Information Session asked about the difference between boring and horizontal directional drilling.	11/6/2018	Imperial explained that the horizontal directional drill (HDD) and horizontal directional bore (HDB) are trenchless construction methods of installing underground pipe using a drilling rig at the surface level. HDB is selected when the designed underground bore path has a relatively shallow arc (i.e. under shorter road crossings). Both HDD and HDB are used at sensitive areas, or in dense residential or commercial areas. It involves drilling a hole along a designed directional path, enlarging the pilot hole to a diameter suitable for installation of the pipeline and pulling the pipeline back into the enlarged hole.	No

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597	11/6/2018	General Public	Discussion between Imperial and a member of the public	A member of the public who attended the Burlington Community Information Session asked about how product (fuel) types are transmitted in the pipeline. The same participant also asked about the age of the old line and the deactivation process.	11/6/2018	Imperial informed the individual that the three fuel products (aviation fuel, diesel, petroleum) are transported through the line. Imperial indicated that the pipeline operator sends different products in “batches”. For example, an operator might send gasoline for several hours, and then switch to jet fuels, before switching to diesel fuel. The process of tracking the customer’s batch or product through the pipeline is done through scheduling. Imperial explained that the existing line was built in the 1950s. Before deactivating the existing/old line, Imperial will remove the product from the pipeline using specialty cleaning instruments and products, disconnect the existing pipeline, fill the disconnected pipeline with nitrogen and continue to monitor the line. Imperial also explained the two types of construction: HDD and open cut (two drilling, one trenching).	No
595	11/6/2018	General Public	Discussion between Imperial and a member of the public	Discussion with member of general public at Community Information Session. Individual provided a number of suggestions about engaging students (elementary level) about the Project. He expressed that it would be great to teach younger students about project archaeology, Indigenous engagement, engineering and site restoration.	11/6/2018	Imperial agreed it would keep his suggestion for future consideration.	No
725	11/7/2018	General Public	Email from General Public to Imperial.	An individual recommended a number of things to Imperial. He expressed concerns about potential spills or leaks in the Waterdown to Finch Project. He recommends that Imperial incorporates SmartBall into more robust integrity plan. He asked if Imperial has used the SmartBall in the current integrity checks of the SPPP system.	1/4/2019	<p>In terms of pipeline inspections, Imperial will use specialized tools such as SmartBall and Smart Pigs confirm both internal and external characteristics of the pipeline to identify repairs.</p> <p>Imperial explained that the Project is still in its pre-application phase with the OEB. In early 2019, Imperial plans to file its draft Environmental Report and shortly, thereafter, the Leave to Construct application for the Project. The Environmental Report will include an assessment of environmental and socio-economic effects, describe environmental protection, management and contingency plans.</p> <p>Imperial indicated that its monitoring and maintenance program are part of how it keeps the pipeline safe and compliant with TSSA requirements. Imperial looks forward to discussing further with the individual.</p>	No
598	11/13/2018	General Public	Discussion between Imperial and a member of the public	A member of the public at the Toronto Community Information Session asked how the trenchless horizontal directional drill (HDD) technology works and what the depth of the drilling will be. The participant asked what type of device is used to move crude oil, and whether the drilling techniques will disrupt neighbours or the local area. The respondent also raised questions about other lines in the area (Enbridge line 9).	11/13/2018	<p>The Imperial representative showed the member of the public the HDD video to help illustrate their response. Imperial explained that HDD pipeline installation uses a drilling rig at the surface level, which is best used in sensitive areas and crossings or dense residential/commercial areas. It involves drilling a pilot hole along a designed directional path. Once established, the pilot hole is enlarged to a diameter suitable for installation of the pipeline. The pipeline is then pulled back into the enlarged hole. The Imperial representatives noted that pumps are used to move crude oil.</p> <p>The Imperial representative explained that the team could not speak to Enbridge’s infrastructure or projects, but explained how Imperial is working to mitigate construction impacts for the Waterdown to Finch Project. A link to the HDD video is on the Project website at</p>	No

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642	11/14/2018	General Public	Discussion between Imperial and a member of the public	<p>A member of the general public asked the following questions:</p> <ul style="list-style-type: none"><li>Will the Project use stainless steel for the pipe?</li><li>How does Imperial plan to re-vegetate or reclaim the natural environment?</li><li>How does Imperial inspect the pipeline internally?</li><li>Is field survey data given to public?</li></ul>	11/14/2018	<p>In response to the questions, a Project team representative indicated that Imperial does not use stainless steel; the installed pipe will use carbon steel, as it is appropriate material for transporting these types of fuel products. For re-vegetation and reclaiming the environment, Imperial is working with landowners and a third-party consultant who specializes in this field of work.</p> <p>In terms of pipeline inspections, Imperial will use specialized tools such as SmartBall and Smart Pigs confirm both internal and external characteristics of the pipeline to identify repairs.</p> <p>Field survey data was provided to the Ministry of Natural Resources and Forestry and used to inform construction. This data is not part of the public disclosure of materials.</p> <p>However, Imperial's ER will be made public as part of the LTC application process. Imperial has conducted a comprehensive planning process to evaluate and assess potential environmental impacts and proposed mitigation measures. The findings and mitigation actions will be included in Imperial's LTC application.</p>	No
196	7/12/2018	Government Federal	Invitation from Imperial to Oakville North—Burlington MP	Invitation issued to the MP for Oakville North—Burlington for the Burlington Community Information Session. Imperial also provided an update on who else had been invited to the session. Requested input on additional stakeholder invitations. Provided an offer to meet, if unavailable to attend the information session.	7/12/2018	N/A – outgoing correspondence, no response required.	No
193	7/5/2018	Government of Ontario	Invitation from Imperial to Mississauga-Malton MPP and staff	<p>Invitation issued to the MPP for Mississauga-Malton for the Mississauga Community Information Session. Provided a brief Project update and indicated who else had been invited.</p> <p>Provided an offer to meet, if unavailable to attend the information session.</p>	7/5/2018	N/A – outgoing correspondence, no response required.	No
192	7/5/2018	Government of Ontario	Invitation from Imperial to Mississauga Centre MPP and staff	<p>Invitation issued to the MPP for Mississauga Centre for the Mississauga Community Information Session. Provided a brief Project update and indicated who else had been invited.</p> <p>Provided an offer to meet, if unavailable to attend the information session.</p>	7/5/2018	N/A – outgoing correspondence, no response required.	No
190	7/5/2018	Government of Ontario	Invitation from Imperial to York Centre MPP and staff	<p>Invitation issued to the MPP for York Centre for the Toronto Community Information Session. Provided a brief Project update and indicated who else had been invited.</p> <p>Provided an offer to meet, if unavailable to attend the information session.</p>	7/5/2018	N/A – outgoing correspondence, no response required.	No
189	7/5/2018	Government of Ontario	Invitation from Imperial to the MPP Humber River–Black Creek and staff	<p>Invitation issued to the MPP for Humber River–Black Creek for the Toronto Community Information Session. Provided a brief Project update and indicated who else had been invited.</p> <p>Provided an offer to meet, if unavailable to attend the information session.</p>	7/5/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
188	7/5/2018	Government of Ontario	Invitation from Imperial to the Oakville North-Burlington MPP and staff	Invitation issued to the MPP for Oakville North-Burlington for the Oakville or Burlington Community Information Session on Jul. 16 and 24, 2018, respectively. Provided a brief Project update and indicated who else had been invited. Provided an offer to meet, if unavailable to attend the information session.	7/5/2018	N/A – outgoing correspondence, no response required.	No
185	7/5/2018	Government of Ontario	Invitation from Imperial to the Mississauga-Erin Mills MPP and staff	Invitation issued to the MPP for Mississauga-Erin Mills for the Mississauga Community Information Session. Provided a brief Project update and indicated who else had been invited. Provided an offer to meet, if unavailable to attend the information session.	7/5/2018	N/A – outgoing correspondence, no response required.	No
184	7/5/2018	Government of Ontario	Invitation from Imperial to the Flamborough—Glanbrook MPP and staff	Invitation issued to the MPP for Flamborough—Glanbrook to the Hamilton Community Information Session. Provided a brief Project update and indicated who else had been invited. Provided an offer to meet, if unavailable to attend the information session.	7/5/2018	N/A – outgoing correspondence, no response required.	No
629	10/22/2018	Government of Ontario	Invitation from Imperial to the MPP for Humber River—Black Creek	Invitation issued to the MPP for Humber River—Black Creek for the Toronto Community Information Session on Nov. 13, 2018. Imperial informed the MPP who else has been invited and how the event was promoted in the community. Imperial encouraged the MPP to reach out if they had any questions.	10/22/2018	N/A – outgoing correspondence, no response required.	No
628	10/22/2018	Government of Ontario	Invitation from Imperial to the MPP for York Centre	Invitation issued to the MPP for York Centre for the Toronto Community Information Session on Nov. 13, 2018. Imperial informed the MPP who else has been invited and how the event was promoted in the community. Imperial encouraged the MPP to reach out if they had any questions.	10/15/2018	N/A – outgoing correspondence, no response required.	No
627	10/22/2018	Government of Ontario	Invitation from Imperial to the MPP for Oakville North—Burlington	Invitation issued to the MPP for Oakville North—Burlington for the Oakville Community Information Session on Nov. 14, 2018. Imperial informed the MPP who else has been invited and how the event was promoted in the community. Imperial encouraged the MPP to reach out if they had any questions.	10/22/2018	N/A – outgoing correspondence, no response required.	No
626	10/22/2018	Government of Ontario	Invitation from Imperial to the MPP for Mississauga East-Cooksville	Invitation issued to the MPP for Mississauga East—Cooksville for the Mississauga Community Information Session on Nov. 15, 2018. Imperial informed the MPP who else has been invited and how the event was promoted in the community. Imperial encouraged the MPP to reach out if they had any questions.	10/22/2018	N/A – outgoing correspondence, no response required.	No
625	10/22/2018	Government of Ontario	Invitation from Imperial to the MPP for Mississauga Centre	Invitation issued to the MPP for Mississauga Centre for the Mississauga Community Information Session on Nov. 15, 2018. Imperial informed the MPP who else has been invited and how the event was promoted in the community. Imperial encouraged the MPP to reach out if they had any questions.	10/22/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
624	10/22/2018	Government of Ontario	Invitation from Imperial to the MPP for Mississauga—Malton	Invitation issued to the MPP for Mississauga—Malton for the Mississauga Community Information Session on Nov. 15, 2018. Imperial informed the MPP who else has been invited and how the event was promoted in the community. Imperial encouraged the MPP to reach out if they had any questions.	10/22/2018	N/A – outgoing correspondence, no response required.	No
623	10/22/2018	Government of Ontario	Invitation from Imperial to the MPP for Mississauga—Erin Mills	Invitation issued to the MPP for Mississauga—Erin Mills for the Hamilton Community Information Session on Nov. 15, 2018. Imperial informed the MPP who else has been invited and how the event was promoted in the community. Imperial encouraged the MPP to reach out if they had any questions.	11/1/2018	N/A – outgoing correspondence, no response required.	No
621	10/22/2018	Government of Ontario	Invitation from Imperial to the MPP for Flamborough—Glanbrook	Invitation issued to the MPP for Flamborough—Glanbrook for the Hamilton Community Information Session on Nov. 8, 2018. Imperial informed the MPP who else has been invited and how the event was promoted in the community. Imperial encouraged the MPP to reach out if they had any questions.	11/1/2018	N/A – outgoing correspondence, no response required.	No
406	8/9/2018	GTAA	Project briefing with the Greater Toronto Airports Authority	Project briefing with Greater Toronto Airports Authority to give an overview of Imperial's Sarnia Products Pipeline and the Waterdown to Finch Project. The following topics were discussed: the ROW, continued safety and reliability for the GTHA, project timeline, land, regulatory and permitting approvals, construction impacts, community engagement, the Credit River Valley Project and Imperial's operational and economic overview.	8/9/2018	<p>The GTAA participants asked when Imperial's construction will be closest to the GTAA. Imperial responded that it cannot confirm a specific date at this time; however, construction is scheduled for the winter of 2019, pending regulatory approval.</p> <p>The GTAA participants explained the summer is a peak period for fuel demand in the GTAA. The GTAA wants to ensure the construction will not impact fuel supply. Imperial reiterated it plans to ensure an adequate fuel supply is available for customers, including the GTAA.</p> <p>The GTAA participants asked to be kept informed of construction plans. Imperial responded by saying they will provide an update once more information is available regarding construction in the airport vicinity.</p>	No
702	10/19/2018	GTAA	Invitation from Imperial to the GTAA	Invitation issued to the Greater Toronto Airports Authority for the Toronto and Mississauga Community Information Session on Nov. 13 and Nov. 15, 2018. Imperial thanked the GTAA for the meeting in Aug. 2018, and identified opportunities for interested stakeholders to participate in the regulatory process.	10/19/2018	N/A – outgoing correspondence, no response required.	No
202	7/17/2018	Halton Environment Network	Invitation from Imperial to Halton Environment Network	Invitation and overview email issued to Halton Environmental Network; provided an overview of the Project; invited Halton Environment Network to the Burlington and Milton Community Information Sessions.	7/17/2018	N/A – outgoing correspondence, no response required.	No
703	10/30/2018	Halton Environment Network	Invitation from Imperial to the Halton Environmental Network	Imperial invited the Halton Environmental Network to the Burlington and Milton Community Information Session(s) on Nov. 6 and 7, 2018.	10/30/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
647	10/24/2018	Hamilton Chamber of Commerce	Invitation from Imperial to the Hamilton Chamber of Commerce	Invitation issued to the Hamilton Chamber of Commerce to the Hamilton Community Information Session on Nov. 8, 2018.	11/9/2018	A representative from the Chamber's Membership Engagement team sent their personal regrets for not attending. The representative indicated they would welcome an opportunity to meet with Imperial's Stakeholder Engagement Regional Lead.	No
673	11/5/2018	Hamilton Spectator	Media advisory issued by Imperial to Hamilton Spectator	Media advisory issued to local/regional media publications to notify them of the Hamilton Community Information Session; Imperial contact and RSVP information was provided.	11/5/2018	N/A – outgoing correspondence, no response required.	No
693	7/12/2018	Insauga	Media advisory issued by Imperial to Insauga	Media advisory issued to local/regional media publications to notify them of the Mississauga Community Information Session; Imperial contact and RSVP information was provided.	7/12/2018	N/A – outgoing correspondence, no response required.	No
676	11/2/2018	Inside Halton	Media advisory issued by Imperial to Inside Halton	Media advisory issued to local/regional media publications to notify them of the Milton Community Information Session; Imperial contact and RSVP information was provided.	11/2/2018	N/A – outgoing correspondence, no response required.	No
674	11/2/2018	Inside Halton	Media advisory issued by Imperial to Inside Halton	Media advisory issued to local/regional media publications to notify them of the Burlington Community Information Session; Imperial contact and RSVP information was provided.	11/2/2018	N/A – outgoing correspondence, no response required.	No
673	11/5/2018	Inside Halton	Media advisory issued by Imperial to Inside Halton	Media advisory issued to local/regional media publications to notify them of the Hamilton Community Information Session; Imperial contact and RSVP information was provided.	11/5/2018	N/A – outgoing correspondence, no response required.	No
675	11/9/2018	Inside Halton	Media advisory issued by Imperial to Inside Halton	Media advisory issued to local/regional media publications to notify them of the Oakville Community Information Session; Imperial contact and RSVP information was provided.	11/9/2018	N/A – outgoing correspondence, no response required.	No
609	11/7/2018	Local 793 of the International Union of Operating Engineers	Discussion between Imperial with a Local 793 IUOE representative	A representative from Local 793 of the International Union of Operating Engineers attended the Milton Community Information Session. The representative asked about the Project's procurement process.	11/7/2018	The Imperial representative noted that the Project is still in the relatively early stages. They indicated that the current focus is to complete all environmental and cultural assessments, permitting requirements, and well as government, Indigenous and community engagement. The Imperial procurement team will follow up with Local 793 of the International Union of Operating Engineers about the procurement process.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
505	8/10/2018	Metrolinx	Meeting with Metrolinx and AECOM, attended by CanACRE, Imperial, Stantec, and UPI.	Imperial provided Metrolinx and AECOM with an overview of the Project. Imperial and Metrolinx discussed affected Metrolinx lands and requirements. Imperial and Metrolinx discussed ongoing and future Metrolinx projects. Each specific individual crossing between the Waterdown to Finch Project and Metrolinx projects were discussed (Highway 407/403 & Ridgeway Drive – Proposed Transitway, Mississauga MiWay Stations, Hurontario LRT, Finch West LRT).	8/10/2018	N/A – see attached meeting minutes.	180810 WFP Metrolinx Aecom CanACRE
194	7/20/2018	Milton Canadian Champion	Media advisory issued by Imperial to Milton Canadian Champion	Media advisory issued to local/regional media publications to notify them of the Milton Community Information Session; Imperial contact and RSVP information was provided.	7/20/2018	N/A – outgoing correspondence, no response required.	No
646	10/24/2018	Milton Chamber of Commerce	Invitation from Imperial to the Milton Chamber of Commerce	Imperial invited the Milton Chamber of Commerce to the Milton Community Information Session on Nov. 7, 2018.	10/24/2018	N/A – outgoing correspondence, no response required.	No
610	11/7/2018	Milton Fire Department	Discussion between Imperial and the Milton Fire Department	A member of the Milton Fire Department attended the Community Information Session and inquired about the pre-construction plan, and possibility of incorporating community feedback. The official asked whether Imperial will hold another information session before construction commences.	11/7/2018	Imperial acknowledged that the notion of a pre-construction information sessions has been raised in other interactions. Imperial indicated that it will take the idea under advisement, but also stated it may be difficult to incorporate community feedback at that stage of the development process. The Imperial representative reiterated that there has been early and ongoing engagement with residents, businesses, and landowners about construction activities, environmental planning, safety, permitting and regulatory requirements and other Project requirements.	No
650	11/5/2018	Mississauga Board of Trade	Invitation from Imperial to the Mississauga Board of Trade	Imperial invited the Mississauga Board of Trade to the Mississauga Community Information Session on Nov. 15, 2018.	11/5/2018	N/A – outgoing correspondence, no response required.	No
179	7/12/2018	Mississauga News	Media advisory issued by Imperial to Mississauga News	Media advisory issued to local/regional media publications to notify them of the Mississauga Community Information Session; Imperial contact and RSVP information was provided.	7/12/2018	N/A – outgoing correspondence, no response required.	No
676	11/2/2018	Mississauga News	Media advisory issued by Imperial to Mississauga News	Media advisory issued to local/regional media publications to notify them of the Milton Community Information Session; Imperial contact and RSVP information was provided.	11/2/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
674	11/2/2018	Mississauga News	Media advisory issued by Imperial to Mississauga News	Media advisory issued to local/regional media publications to notify them of the Burlington Community Information Session; Imperial contact and RSVP information was provided.	11/2/2018	N/A – outgoing correspondence, no response required.	No
673	11/5/2018	Mississauga News	Media advisory issued by Imperial to Mississauga News	Media advisory issued to local/regional media publications to notify them of the Hamilton Community Information Session; Imperial contact and RSVP information was provided.	11/5/2018	N/A – outgoing correspondence, no response required.	No
675	11/9/2018	Mississauga News	Media advisory issued by Imperial to Mississauga News	Media advisory issued to local/regional media publications to notify them of the Oakville Community Information Session; Imperial contact and RSVP information was provided.	11/9/2018	N/A – outgoing correspondence, no response required.	No
677	11/12/2018	Mississauga News	Media advisory issued by Imperial to Mississauga News	Media advisory issued to local/regional media publications to notify them of the Mississauga Community Information Session; Imperial contact and RSVP information was provided.	11/12/2018	N/A – outgoing correspondence, no response required.	No
678	11/9/2018	North York Mirror	Media advisory issued by Imperial to North York Mirror	Media advisory issued to local/regional media publications to notify them of the Toronto Community Information Session; Imperial contact and RSVP information was provided.	11/9/2018	N/A – outgoing correspondence, no response required.	No
649	11/5/2018	Oakville Chamber of Commerce	Invitation from Imperial to the Oakville Chamber of Commerce	Imperial invited the Oakville Chamber of Commerce to the Oakville Community Information Session on Nov. 14, 2018.	11/14/2018	The President of the Oakville Chamber of Commerce attended the Oakville Community Information Session.	No
600	11/14/2018	Oakville Chamber of Commerce	Discussion with Imperial and the Oakville Chamber of Commerce	The President of the Oakville Chamber of Commerce attended the Oakville Community Information Session. The chamber president asked about the project schedule and whether there was a sense of urgency in terms of replacing the line. The chamber representative also asked how long the Project (new line) will take to build.	11/14/2018	The Imperial representative provided information on the key milestones from an environmental review, permitting and regulatory perspective. Imperial noted that their focus on early engagement is to address concerns early in the process and take mitigate actions. The Imperial representative noted that while the existing pipeline could continue operating safely for a number of years, this Project is part of a proactive maintenance program with the goal of continued safe operations of the line. Imperial informed the chamber representative that the Project should take one year to construct.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
197	7/12/2018	Ontario Federation of Agriculture	Invitation from Imperial to the Ontario Federation of Agriculture	Based on a recommendation from the Ontario MAFRA, invitation issued to the Ontario Federation of Agriculture for the Burlington, Milton and Hamilton Community Information Sessions. Imperial also provided links to available Project information.	7/12/2018	N/A – outgoing correspondence, no response required.	No
224	7/17/2018	PERL	Invitation from Imperial to the PERL	Invitation issued to Protecting Escarpment Rural Land (PERL) for the Burlington Community Information Session. Imperial also attached relevant materials and background information about the Project.	7/17/2018	N/A – outgoing correspondence, no response required.	No
721	10/30/2018	PERL	Invitation from Imperial to the PERL	Imperial invited PERL to participate in the Burlington Community Information Session on Nov. 6, 2018. When the invitation email bounced-back, Imperial emailed the Mayor's office in Burlington to ask if they could forward the invitation. The PERL representative received the invitation via the Mayor's office.	11/5/2018	Imperial apologized for the technical issue - and not being able to notify PERL directly - and provided them with another official invitation.	No
592	11/6/2018	PERL	Discussion between Imperial and PERL	<p>The Executive Director of Protecting Escarpment Rural Land (PERL) attended the Burlington Community Information Session and was given a tour of the information poster boards, Project videos and maps (environmental and ROW).</p> <p>The PERL representative asked several questions, which included:</p> <ul style="list-style-type: none"><li>■ What happens to the old line?</li><li>■ Why isn't Imperial replacing the Sarnia Products Pipeline?</li><li>■ Why does Imperial need to replace the line?</li><li>■ The project is going through sensitive lands; what safeguards are in place?</li><li>■ What level of government are you working with?</li></ul>	11/6/2018	<p>Imperial representatives provided a detailed explanation of the various regional and environmental maps, and identified areas where the different construction techniques will be employed (i.e. HDD best used in sensitive areas and crossings or dense residential/commercial areas). Imperial noted that the old line will be safely cleaned, disconnected, filled with nitrogen to maintain pressure, and monitored for pressure and condition.</p> <p>The purpose of replacing the Waterdown to Finch component of the SPPL is to support continued safe and reliable pipeline operations. This is a proactive project so Imperial can safely supply products for another 50 years. Imperial is working with the provincial government through the Ontario Energy Board. Imperial is also working with municipal and regional governments, permitting bodies and regulated entities. The Imperial representative took the PERL representative through the list of federal, provincial entities, conservation authorities, municipalities and regions and TSSA. Imperial will be using non-disruptive technology including trenchless construction methods to avoid sensitive habitat areas. PERL inquired about the Jefferson Salamander of Grindstone Creek, to which Imperial informed them that trenchless horizontal directional drilling will occur at all provincially significant wetlands. Imperial will also schedule construction outside of sensitive Species at Risk timing windows, where feasible.</p> <p>Imperial indicated that it will organize a follow-up meeting with PERL to discuss maps of area constraints. Imperial issued an invitation to meet with PERL.</p>	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
722	11/11/2018	PERL	Email from Imperial to PERL	Following the Burlington Community Information Session, a representative from PERL followed up for a copy of the higher resolution route map that was available for public review at the Burlington Community Information Session. The PERL representative expressed appreciation for the information they received at the session from Imperial's Project team.	11/13/2018	Imperial indicated where the representative could find/download the environmental features maps that were shared at the Community Information Session. The Imperial representative noted that the maps included publicly available environmental data from regulatory agencies (Ministry of Natural Resources & Forestry and Conservation Authorities) and the Ontario Open Data Catalogue. Imperial overlaid additional species at risk data from the Ministry of Natural Resources and Forestry, Conservation Authorities and its own field survey work to inform routing and construction method decisions. Imperial informed PERL that, based on their recommendation, it has reviewed the Halton Region Official Plan natural heritage system mapping and the MNRF's publicly-available wetland data ( <a href="https://www.ontario.ca/data/wetlands">https://www.ontario.ca/data/wetlands</a> ). The key features area identified on the Halton Region map aligns with Imperial's Project mapping and the publicly-available provincially significant wetlands data and Imperial can confirm that all pipeline crossings of provincially significant wetlands are planned to be installed using trenchless construction methods.	No
143	6/11/2018	Region of Halton	Telephone call from NATIONAL with Region of Halton staff	Telephone call with a Senior Policy Analyst for Halton Region (Infrastructure Planning & Policy) in order to set up an introductory meeting in the future.	6/11/2018	N/A – outgoing correspondence, no response required.	No
131	6/13/2018	Region of Halton	Telephone call from NATIONAL with Region of Halton staff	Telephone call with Region of Halton staff to coordinate a meeting.	6/13/2018	N/A – outgoing correspondence, no response required.	No
157	7/5/2018	Region of Halton	Invitation from Imperial to Region of Halton staff	Invitation issued to Region of Halton staff with information regarding the three planned Community Information Sessions in the Halton Region. Encouraged the distribution of the invitation to other Region of Halton staff.	7/5/2018	N/A – outgoing correspondence, no response required.	No
167	7/9/2018	Region of Halton	Email from Imperial to Region of Halton staff	Email Invitation to Region of Halton staff regarding the Oakville Community Information Session. Requested input on stakeholder invitations. Provided an offer to meet, if unavailable to attend the information session.	7/9/2018	N/A – outgoing correspondence, no response required.	No
215	7/10/2018	Region of Halton	Email from Imperial to Region of Halton staff	Follow-up email from meeting with Halton Region requesting information on the assessment and additional information that supports pipeline deactivation of the existing pipeline. Additionally, Halton Region commented on the long-term impact to groundwater resources for rural residents as well as on source water protection for lake-based water supply and the long-term impact on regional infrastructure and maintenance. Requested an assessment of risk to ground and surface water through pipeline deactivation as opposed to removal.	8/1/2018	Imperial shared information to address concerns of pipeline deactivation. Informed Halton Region that Imperial is working with the Conservation Authorities to ensure all geomorphology concerns related to the deactivated line are addressed. The Environmental Report, a component of the LTC application will assess the effects on groundwater and surface water.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
223	7/12/2018	Region of Halton	Invitation from Imperial to Region of Halton staff	Invitation issued to a senior planner for the Region of Halton to attend the Burlington, Milton and Hamilton Community Information Sessions.	7/16/2018	The Region of Halton staff thanked Imperial for the invitation and forwarded the email to their colleague.	No
200	7/12/2018	Region of Halton	Invitation from Imperial to Region of Halton staff	Based on a recommendation from OMAFRA, Imperial issued invitations to regional and municipal agriculture leads in Halton Region for the Burlington, Milton and Hamilton Community Information Sessions. Imperial also provided links to available Project information.	7/12/2018	N/A – outgoing correspondence, no response required.	No
244	8/3/2018	Region of Halton	Invitation from Imperial to Region of Halton staff	Email notification to Region of Halton staff following the Community Information Session in July; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session.	8/3/2018	N/A – outgoing correspondence, no response required.	No
508	9/14/2018	Region of Halton	Meeting with Region of Halton staff attended by CanACRE, ERM, Imperial, and UPI	Imperial provided the Region of Halton with an overview of the Project. Imperial and the Region of Halton discussed affected Halton lands and requirements. Imperial and Town of Milton discussed and confirmed Halton road and land crossings. Each specific individual crossing between the Waterdown to Finch Project and Halton roads/lands were identified and discussed. Halton Region requirements for water source and water disposal permitting were also discussed. Points of contact for Halton Region were confirmed.	9/14/2018	N/A – see attached meeting minutes.	180914 WFP Halton Region CanACRE
429	9/18/2018	Region of Halton	Invitation from Imperial to Region of Halton staff	Imperial reiterated its commitment to safety and invited the Region of Halton staff to attend an observational tour of its emergency response exercise taking place Oct. 2-4, 2018. Imperial provided Halton background information on the event as well as the location, time, length and date.  Imperial requested an RSVP if Halton would be attending and with the names of individuals who would be representing the municipality.	9/20/2018	Halton staff will not be able to attend the workshop.	No
615	10/12/2018	Region of Halton	Email from Imperial to Region of Halton staff	Email Project update to Region of Halton.  Imperial provided a preliminary overview route map of Project in the region as well as information about the Community Information Session.	10/12/2018	Archaeologist representative from the Region of Halton requested a KML and/or shapefile of the current route through Halton to include in their planning and operational systems. Imperial provided the requested GIS shapefiles.	No
654	10/22/2018	Region of Halton	Invitation from Imperial to Region of Halton staff	Invitations issued to representatives from the Region of Halton for the Burlington, Milton and Oakville Community Information Sessions on Nov. 6, 7 and 14, 2018.  Imperial informed the Halton representatives what other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.	10/22/2018	N/A – outgoing correspondence, no response required.	No
659	10/23/2018	Town of Milton	Invitation from Imperial to Region to Milton regional councillors staff	Invitations issued to Milton regional councillors for Wards 1, 6, 7, and 8 to the Milton Community Information Session on Nov. 7, 2018.  Imperial informed the councillors what other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.	10/23/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
716	10/24/2018	Region of Halton	Invitation from Imperial to Region of Halton staff	Invitations issued to representatives of the Region of Halton's agriculture committee to the Burlington, Milton and Oakville Community Information Session.	10/24/2018	N/A – outgoing correspondence, no response required.	No
735	12/19/2018	Region of Halton	Email from Imperial to Region of Halton staff	<p>In Oct., 2018 Imperial held a three day large-scale emergency response exercise that included internal and external participants. The first day of the event comprised of training rotations for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation. A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/19/2018	N/A – outgoing correspondence, no response required.	No
170	7/9/2018	Region of Peel	Email from Imperial to Region of Peel staff	Email to the Commissioner of Public Works for the Region of Peel to request a meeting to provide a Project overview briefing in July.	7/9/2018	N/A – outgoing correspondence, no response required.	No
177	7/10/2018	Region of Peel	Invitation from Imperial to Region of Peel staff	Invitation issued to the Region of Peel staff to attend the Mississauga Community Information Session. Requested input on stakeholder invitations.	7/10/2018	N/A – outgoing correspondence, no response required.	No
175	7/11/2018	Region of Peel	Invitation from Imperial to Region of Peel staff	Imperial invited the Region of Peel staff to the Mississauga Community Information Session.	7/11/2018	N/A – outgoing correspondence, no response required.	No
245	8/3/2018	Region of Peel	Email from Imperial to Region of Peel staff	<p>Following the Mississauga Community Information Session in July, Imperial provided a Region of Peel official with a recap of how it went and how many people showed up. Imperial also provided an update on the upcoming Nov. 2018 Community Information Session.</p> <p>Following the meeting, an Imperial representative shared a shapefile and kmz file of the draft centreline of the proposed pipeline replacement to aid the Peel Regional team in visualizing the proposed footprint.</p>	8/3/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
423	9/18/2018	Region of Peel	Invitation from Imperial to Region of Peel staff	<p>Imperial reiterated its commitment to safety and invited the Region of Peel staff to attend an observational tour of its emergency response exercise taking place Oct. 2-4, 2018. Imperial provided Peel background information on the event as well as the location, time, length and date.</p> <p>Imperial requested an RSVP if Peel would be attending and with the names of individuals who would be representing the municipality.</p>	10/18/2018	The Region of Peel will not be able to attend the observational tour.	No
612	10/12/2018	Region of Peel	Email from Imperial to Region of Peel staff	<p>Email Project update to Region of Peel.</p> <p>Imperial provided a preliminary overview route map of Project as well as information about the Community Information Session.</p>	10/12/2018	N/A – outgoing correspondence, no response required.	No
689	11/21/2018	Region of Peel	Meeting with Peel Region staff attended by CanACRE and Imperial	<p>Meeting with the Region of Peel to provide an overview of the Project, and affected lands (crossings at Erin Mills Parkway and at Dixie Road). Water sourcing for hydrostatic testing was discussed, and the Project was informed that the City of Mississauga operates the stormwater drains.</p>	11/21/2018	N/A – see attached meeting minutes.	181112 WFP Mississauga CanACRE
738	12/19/2018	Region of Peel	Email from Imperial to Region of Peel staff	<p>In Oct. 2018, Imperial held a three day large-scale emergency response exercise that included internal and external participants (Internal Rec No. 466). The first day of the event comprised of training rotations for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation.</p> <p>A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/19/2018	N/A – outgoing correspondence, no response required.	No
509	10/1/2018	Sun-Canadian Pipe Line Ltd.	Meeting with Sun-Canadian Pipe Line Ltd. and Trans-Northern Pipelines Inc. attended by CanACRE, Imperial, and UPI	<p>Imperial provided Sun-Canadian Pipe Line Ltd. (SCPL) and Trans-Northern Pipelines Inc. (TNPI) with an overview of the Project.</p> <p>Imperial, SCPL and TNPI discussed their facilities affected by the project. Each specific affected SCPL facility was discussed and then TNPI's facilities were. Corridor access permit and utility crossing applications were discussed. A point of contact was established between Imperial and both companies respectively.</p>	10/1/2018	N/A – see attached meeting minutes.	181001_WFP Sun Cdn TNPI CanACRE

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
178	7/11/2018	The Oakville Beaver	Media advisory issued by Imperial to the Oakville Beaver	Media advisory issued to local/regional media publications to notify them of the Oakville Community Information Session; Imperial contact and RSVP information was provided.	7/11/2018	N/A – outgoing correspondence, no response required.	No
676	11/2/2018	The Oakville Beaver	Media advisory issued by Imperial to the Oakville Beaver	Media advisory issued to local/regional media publications to notify them of the Milton Community Information Session; Imperial contact and RSVP information was provided.	11/2/2018	N/A – outgoing correspondence, no response required.	No
674	11/2/2018	The Oakville Beaver	Media advisory issued by Imperial to the Oakville Beaver	Media advisory issued to local/regional media publications to notify them of the Burlington Community Information Session; Imperial contact and RSVP information was provided.	11/2/2018	N/A – outgoing correspondence, no response required.	No
675	11/9/2018	The Oakville Beaver	Media advisory issued by Imperial to the Oakville Beaver	Media advisory issued to local/regional media publications to notify them of the Oakville Community Information Session; Imperial contact and RSVP information was provided.	11/9/2018	N/A – outgoing correspondence, no response required.	No
648	10/31/2018	Toronto Region Board of Trade	Invitation from Imperial to the Toronto Region Board of Trade	Imperial invited the Toronto Region Board of Trade to the Toronto Community Information Session on Nov. 13.	10/31/2018	N/A – outgoing correspondence, no response required.	No
743	12/6/2018	TTC	Meeting with TTC attended by CanACRE, Imperial and UPI	Meeting with TTC to discuss the Project; discuss the TTC Toronto-York Spadina Crossing requirements; TTC permitting and approvals requirements.	12/6/2018	N/A – see attached meeting minutes.	181206 WFP TTC CanACRE
125	6/5/2018	Town of Milton	Meeting with the Town of Milton attended by Imperial	Meeting with the Town of Milton to provide a Project briefing. Topics included: Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes.	6/5/2018	Imperial provided information about the upcoming July Community Information Session. The Town of Milton recommended that Imperial invite environmental groups to the Community Information Session.	No
100	6/5/2018	Town of Milton	Meeting with Town of Milton Mayor attended by Imperial	Meeting with the Town of Milton Mayor to provide a Project briefing. Topics included: Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes.	6/5/2018	During the meeting it was noted that most crossings are regional but a few roads will need to be coordinated with the Town of Milton. Imperial provided information on the upcoming July Community Information Session.	No
130	6/18/2018	Town of Milton	Meeting with Town of Milton Mayor, Commissioner and members of council attended by Imperial	Meeting with Town of Milton Mayor, Commissioner and members of council. Imperial provided a Project overview; invited Town of Milton to the Milton Community Information Session. Imperial indicated that it will be providing formal notification to landowners individually. Also noted that Imperial will be meeting with Conservation Authorities to discuss their regulatory requirements.	6/18/2018	Imperial has ongoing discussions with Conservation Authorities and NEC. Imperial has ongoing discussions with landowners that may be potentially affected by the Project routing.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
183	7/5/2018	Town of Milton	Invitation from Imperial to Milton MPP and staff	Invitation issued to the MPP for Milton for the Milton Community Information Session. Provided an offer to meet, if unavailable to attend the Community Information Session.	8/13/2018	The MPP's assistant provided their regrets.	No
169	7/9/2018	Town of Milton	Invitation from Imperial to the Milton Commissioner	Invitation issued to the Town of Milton's Commissioner of Engineering Services for the Oakville Community Information Session. Requested input on stakeholder invitations.	7/10/2018	The Commissioner suggested that the Community Information Session should be advertised in Milton Champion in addition to the Burlington Post. Imperial confirmed that it had already advertised in the Milton Champion.	No
168	7/9/2018	Town of Milton	Invitation from Imperial to the Mayor of Milton and councillors	Invitation issued to the Mayor of Milton and two councillors for the Milton Community Information Session. Requested input on stakeholder invitations.	7/9/2018	N/A – outgoing correspondence, no response required.	No
156	7/13/2018	Town of Milton	Invitation from Imperial to Milton MPP	Invitation issued to Milton MP to attend the Milton Community Information Session.	7/13/2018	N/A – outgoing correspondence, no response required.	No
239	8/3/2018	Town of Milton	Email from Imperial to Milton councillors	Email notification to Town of Milton councillors following the Community Information Session in July; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session.	8/3/2018	One of the councillors apologized for not attending and thanked Imperial for all the community engagement they were doing.	No
238	8/3/2018	Town of Milton	Email from Imperial to Mayor of Milton	Email notification to Mayor of Milton following the Community Information Session in July; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session.	8/3/2018	N/A – outgoing correspondence, no response required.	No
507	8/22/2018	Town of Milton	Meeting with Town of Milton and Region of Halton, attended by CanACRE, ERM, Imperial, and UPI	Imperial provided the Town of Milton with an overview of the Project. Imperial and the Town of Milton discussed affected Milton lands and requirements. Imperial and Milton discussed and confirmed Milton road crossings. Identified specific individual crossing between the Project and Milton lands. Discussed Halton Region requirements for water source and water disposal permitting. Identified points of contact for Milton and Halton Region.	8/22/2018	N/A – see attached meeting minutes.	180822 WFP Milton CanACRE
428	9/18/2018	Town of Milton	Invitation from Imperial to Town of Milton staff	Imperial reiterated its commitment to safety and invited the Town of Milton staff to attend an observational tour of its emergency response exercise taking place Oct. 2-4, 2018. Imperial provided Milton background information on the event as well as the location, time, length and date.  Imperial requested an RSVP if Milton would be attending and with the names of individuals who would be representing the municipality.	9/20/2018	A member of the Milton Fire Department will attend the session.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
466	10/4/2018	Town of Milton	Imperial emergency response desktop simulation exercise with stakeholders	<p>Participants were led on a tour of Imperial's emergency response desktop exercise related to a simulated release from Imperial's Sarnia Products Pipeline in the Humber River. Participants were led by members of the Imperial Americas Regional Response Team (ARRT) through the Command Centre.</p> <p>Imperial shared how the company is prepared at any point to respond with a fully equipped, trained and resourced team. Imperial demonstrated how they would put their emergency response plan into action, prioritizing the protection of people and the environment. Imperial demonstrated how partnership with the regulatory agencies, governments, emergency services, contractors, Indigenous groups and the community is critical to emergency response training and response.</p>	10/12/2018	Imperial sent a follow-up email to all attendees in Dec. 2018 thanking them for their participation in the exercise.	No
614	10/12/2018	Town of Milton	Email from Imperial to Town of Milton staff	<p>Email Project update to Town of Milton.</p> <p>Imperial provided a preliminary overview route map of Project in Milton as well as information about the Community Information Session.</p>	10/12/2018	N/A – outgoing correspondence, no response required.	No
653	10/22/2018	Town of Milton	Invitation from Imperial to the Town of Milton staff	<p>Invitation issued to the Town of Milton's commissioner of engineering services to the Milton Community Information Session on Nov. 7, 2018.</p> <p>Imperial informed the Milton commissioner which other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.</p>	10/22/2018	The commissioner confirmed that Imperial has invited all appropriate and necessary stakeholders.	No
622	10/22/2018	Town of Milton	Invitation from Imperial to the MPP for Milton	<p>Invitation issued to the MPP for Milton for the Milton Community Information Session on Nov. 7, 2018. Imperial informed the MPP who else has been invited and how the event was promoted in the community. Imperial encouraged the MPP to reach out if they had any questions.</p>	10/22/2018	N/A – outgoing correspondence, no response required.	No
662	10/23/2018	Town of Milton	Invitation from Imperial to the Town of Milton's Ward 4 councillor	<p>Invitation issued to Milton Ward 4 councillor for the Milton Community Information Session on Nov. 7, 2018.</p> <p>Imperial informed the councillor which other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.</p>	10/23/2018	N/A – outgoing correspondence, no response required.	No
661	10/23/2018	Town of Milton	Invitation from Imperial to the Town of Milton's Ward 7 councillor	<p>Invitation issued to the Ward 7 Milton councillor for the Milton community Information Session on Nov. 7, 2018.</p> <p>Imperial informed the councillor which other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.</p>	10/23/2018	N/A – outgoing correspondence, no response required.	No
660	10/23/2018	Town of Milton	Invitation from Imperial to the Town of Milton's regional councillor	<p>Invitation issued to Milton regional councillor for the Milton Community Information Session on Nov. 7, 2018.</p> <p>Imperial informed the councillor which other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.</p>	10/23/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
658	10/23/2018	Town of Milton	Invitation from Imperial to the Town of Milton Mayor	<p>Invitation issued to the Town of Milton's Mayor for the Milton Community Information Session on Nov. 7, 2018.</p> <p>Imperial informed the Mayor which other stakeholders were invited and asked if there was anyone else Imperial should invite to the session.</p>	10/23/2018	N/A – outgoing correspondence, no response required.	No
733	12/19/2018	Town of Milton	Email from Imperial to Town of Milton staff	<p>In Oct., 2018 Imperial held a three day large-scale emergency response exercise that included internal and external participants (Internal Rec No. 466). The first day of the event comprised of training rotations for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation. A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/19/2018	N/A – outgoing correspondence, no response required.	No
729	12/20/2018	Town of Milton	Email from Imperial to Town of Milton staff	<p>In Oct. 2018, Imperial held a three day large-scale emergency response exercise that included internal and external participants (Internal Rec No. 466). The first day of the event comprised of training for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation.</p> <p>A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/20/2018	N/A – outgoing correspondence, no response required.	No
101	5/22/2018	Town of Oakville	Meeting with Mayor of Oakville attended by Imperial	<p>Meeting with Oakville councillors and Mayor to provide a Project briefing. Topics included: Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes.</p>	5/22/2018	N/A – no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
392	6/27/2018	Town of Oakville	Telephone call with Town of Oakville and Imperial.	Telephone meeting with the Town of Oakville. Topics included Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes.	6/27/2018	Imperial informed the Town of Oakville that a letter was sent to CAO and Mayor's offices. Imperial and the Town agreed to identify a point of contact to coordinate outreach to the Town of Oakville.	No
145	6/28/2018	Town of Oakville	Invitation from Imperial to Town of Oakville Mayor	Invitations issued to the Mayor of the Town of Oakville, councillors and key staff for the Oakville Community Information Session.	6/28/2018	N/A – outgoing correspondence, no response required.	No
155	7/5/2018	Town of Oakville	Email from Imperial to Town of Oakville councillors	Email to Town of Oakville councillors to provide an update on the Oakville Community Information Session. Requested input on stakeholder invitations.	7/5/2018	N/A – outgoing correspondence, no response required.	No
154	7/5/2018	Town of Oakville	Email from Imperial to Town of Oakville Commissioner	Email to Town of Oakville Commissioner to provide an update on the Oakville Community Information Session. Requested input on stakeholder invitations.	7/5/2018	N/A – outgoing correspondence, no response required.	No
153	7/5/2018	Town of Oakville	Email from Imperial to Town of Oakville Councillor	Email to Town of Oakville councillors to provide an update on the Oakville Community Information Session. Requested input on stakeholder invitations.	7/5/2018	N/A – outgoing correspondence, no response required.	No
151	7/5/2018	Town of Oakville	Email from Imperial to Town of Oakville Mayor	Email to Town of Oakville Mayor and staff to provide an update on the Oakville Community Information Session. Requested input on stakeholder invitations.	7/5/2018	N/A – outgoing correspondence, no response required.	No
253	8/3/2018	Town of Oakville	Email from Imperial to Town of Oakville staff	Email notification to Town of Oakville staff following the Oakville Community Information Session in July; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session.	8/3/2018	N/A – outgoing correspondence, no response required.	No
252	8/3/2018	Town of Oakville	Email from Imperial to Town of Oakville Councillors	Email notification to Town of Oakville councillors following the Oakville Community Information Session in July; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session.	8/3/2018	N/A – outgoing correspondence, no response required.	No
251	8/3/2018	Town of Oakville	Email from Imperial to Town of Oakville staff	Email notification to Town of Oakville staff following the Oakville Community Information Session in July; Imperial provided a recap of the session, including attendance statistics. Imperial also provided the staff with an update on the upcoming Nov. 2018 Community Information Session.	8/3/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
395	8/20/2018	Town of Oakville	Email from Imperial to Town of Oakville staff	Email response to Town of Oakville staff; indicated several questions related to the Project maps and right-of-way, the approval process, the deactivated pipeline and protective measures for the current pipeline.	9/5/2018	Imperial provided responses based on each of the Oakville staff's questions. These responses can be found in the attached email.  Imperial also committed to provide: <ul style="list-style-type: none"><li>a more detailed map of the right-of-way;</li><li>information from CanACRE on the affected parcel in Oakville; and</li><li>offer for a more detailed briefing if required.</li></ul>	180820 Town of Oakville Response to questions Oakville Info Session
426	9/18/2018	Town of Oakville	Invitation from Imperial to Town of Oakville staff	Imperial reiterated its commitment to safety and invited the Town of Oakville staff to attend an observational tour of its emergency response exercise taking place Oct. 2-4, 2018. Imperial provided Oakville with background information on the event as well as the location, time, length and date.  Imperial requested an RSVP if Oakville would be attending and with the names of individuals who would be representing the municipality.	9/27/2018	A Town of Oakville staff responded and registered to attend the tour. Imperial added the name and information to the RSVP list.	No
466	10/4/2018	Town of Oakville	Imperial emergency response desktop simulation exercise with Town of Oakville	Participants were led on a tour of Imperial's emergency response desktop exercise related to a simulated release from Imperial's Sarnia Products Pipeline in the Humber River. Participants were led by members of the Imperial Americas Regional Response Team (ARRT) through the Command Centre.  Imperial shared how the company is prepared at any point to respond with a fully equipped, trained and resourced team. Imperial demonstrated how they would put their emergency response plan into action, prioritizing the protection of people and the environment. Imperial demonstrated how partnership with the regulatory agencies, governments, emergency services, contractors, Indigenous groups and the community is critical to emergency response training and response.	10/12/2018	Imperial sent a follow-up email to all attendees in Dec. 2018 thanking them for their participation in the exercise.	No
697	10/11/2018	Town of Oakville	Meeting with Town of Oakville attended by Imperial	Meeting with Town of Oakville policy staff to discuss the Project to help ensure Imperial meet the needs of the Town and its residents.  Topics included Project location and timeline, land, regulatory and permitting approvals, environmental planning process, engagement process and other key themes. The Imperial team captured a number of action items. Most importantly, keeping a proactive information flow to the Town's representatives.	10/12/2018	Imperial provided additional project maps via email as well as an invitation to the Oakville Community Information Session.	No
616	10/12/2018	Town of Oakville	Email from Imperial to Town of Oakville	Email Project update to Town of Oakville.  Imperial provided a notification letter and preliminary overview route map of Project in Oakville as well as information about the Community Information Session.	10/12/2018	N/A – outgoing correspondence, no response required.	No
671	10/30/2018	Town of Oakville	Invitation from Imperial to the Town of Oakville's Mayor	Imperial invited the Mayor of Oakville to the Oakville Community Information Session on Nov. 14, 2018. Imperial informed the Mayor what other stakeholders were invited and asked if there was anyone else Imperial should include in its session invitations.	10/30/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
669	10/30/2018	Town of Oakville	Invitation from Imperial to the Town of Oakville's Ward 7 councillors	<p>Imperial invited the Oakville Ward 7 councillors to the Oakville Community Information Session on Nov. 14, 2018.</p> <p>Imperial informed the councillors about the stakeholders that were invited and asked if there was anyone else Imperial should include in its session invitations.</p>	10/30/2018	N/A – outgoing correspondence, no response required.	No
602	11/14/2018	Town of Oakville	Discussion between Imperial, CanACRE and Town of Oakville representatives	<p>Two representatives from the Town of Oakville - one from the Park Operations department and one from the environmental department attended the Oakville Community Information Session. The parks department official asked how many integrity digs were performed last year. They also raised the notion of compensation; which Imperial explained is a process that is addressed directly with tenants. An Imperial representative reviewed the ROW and environmental maps with the parks representative. They asked if Imperial has provided the environmental survey data to Halton. The Town of Oakville's environmental official also noted that Imperial needs to work with the Region of Halton (and thus the Town of Milton) collaboratively. In addition, the representatives from Oakville requested the following:</p> <ul style="list-style-type: none"><li>■ a summary of its Indigenous engagement.</li><li>■ inclusion of the Horizontal Directional Drilling (HDD) and pipeline deactivation video on the Imperial website.</li><li>■ provide a follow-up report on integrity dig findings.</li></ul>	11/16/2018	Imperial informed the parks department official that it performed 30-40 digs last year. Imperial identified park land locations on the environmental map. Imperial informed the official that it has given Halton Region officials the HDD/bore scope, and will continue to work collaboratively with department staff.	No
601	11/14/2018	Town of Oakville	Discussion between CanACRE and Oakville Ward 7 Regional councillor	<p>Discussion with Oakville Ward 7 regional councillor at Community Information Session. The Oakville councillor viewed the municipal map and outlined the 15-20 constituents in her riding. An Imperial representative provided information on the types of fuel products that will be carried in the line, the proactive pipeline inspection processes that are used (technologies that analyze the internal and external characteristics of the pipeline to identify repairs), and how field survey data will be used. In addition, the Imperial representative provided an overview of the deactivation process, and how it is conducted in accordance with industry best practices</p>	11/14/2018	The councillor was happy with the overview she received, and did not request/require any follow up information. The councillor tweeted that she was also happy with Imperial's public engagement efforts to date.	No
737	12/19/2018	Town of Oakville	Email from Imperial to Town of Oakville	<p>In Oct., 2018 Imperial held a three day large-scale response emergency exercise that included internal and external participants (Internal Rec No. 466). The first day of the event comprised of training rotations for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation. A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/19/2018	N/A – outgoing correspondence, no response required.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
729	12/20/2018	Town of Oakville	Email from Imperial to Town of Oakville	<p>In Oct. 2018, Imperial held a three day large-scale emergency response exercise that included internal and external participants (Internal Rec No. 466). The first day of the event comprised of training for participants, which included demonstrations on decontamination, wildlife response, air monitoring systems, resource management technology, field response simulation and a GIS virtual tour of the Humber River. This provided the foundation for the execution of the exercise.</p> <p>The exercise included a simulated diesel release into the Humber River in the Etobicoke area and was followed by two days of mock response. The response included an incident command setup, staffed by Imperial's local operations team, Imperial and ExxonMobil's Americas Regional Response Team, as well as municipal, provincial and federal agencies. Many local government representatives were involved in both scenario planning and execution, as well as participation as actors in the simulation.</p> <p>A highlights video of the exercise can be found on our Waterdown to Finch Project webpage under focused on safety: <a href="http://www.imperialoil.ca/waterdowntofinch">www.imperialoil.ca/waterdowntofinch</a>.</p>	12/20/2018	N/A – outgoing correspondence, no response required.	No
509	10/1/2018	Trans-Northern Pipelines Inc.	Meeting with Sun-Canadian Pipe Line Ltd. and Trans-Northern Pipelines Inc. attended by CanACRE, Imperial, and UPI	<p>Imperial provided Sun-Canadian Pipe Line Ltd. (SCPL) and Trans-Northern Pipelines Inc. (TNPI) with an overview of the Project.</p> <p>Imperial, SCPL and TNPI discussed their facilities affected by the project. Each specific affected SCPL facility was discussed and then TNPI's facilities were. Corridor access permit and utility crossing applications were discussed. A point of contact was established between Imperial and both companies respectively.</p>	10/1/2018	N/A – See attached meeting minutes.	181001_WFP Sun Cdn TNPI CanACRE
775	2/1/2019	City of Burlington	Email from ERM to City of Burlington	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	N/A - outgoing correspondence, no response required	No
775	2/1/2019	City of Hamilton	Email from ERM to City of Hamilton	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	N/A - outgoing correspondence, no response required	No
786	2/8/2019	City of Hamilton	Email from CanACRE to City of Hamilton	Email of draft Environmental Report to an additional person at the City of Hamilton.	2/8/2019	N/A - outgoing correspondence, no response required	No
750	1/16/2019	City of Toronto	Email from Imperial to City of Toronto	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No

Internal Rec No.	Date	Participant	Activity	Description	Response Date	Response	Supporting Document(s)
778	2/1/2019	City of Toronto	Email from ERM to City of Toronto	Email to transmit draft Environmental Report and explanation of comment process.	2/11/2019	Correspondence with City of Toronto to trouble-shoot download of report.	No
781	2/1/2019	City of Toronto	Email from CanACRE to City of Toronto	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	Confirmation that draft was received.	No
775	2/1/2019	IO	Email from ERM to City of Mississauga	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	N/A - outgoing correspondence, no response required	No
752	1/17/2019	PERL	Email from Imperial to PERL	Email correspondence with Protecting Escarpment Rural Land (PERL). The PERL representative requested a copy of the pre-application draft Environmental Report, and responses to 14 questions about the Project in advance of receiving the report.	2/14/2019	Imperial provided the draft Environmental Report on Feb. 14, 2019. See attached responses to PERL's 14 questions.	190214 PERL Q&A
775	2/1/2019	Region of Halton	Email from ERM to Region of Halton	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	N/A - outgoing correspondence, no response required	No
794	2/8/2019	Region of Halton	Email from CanACRE to City of Hamilton	Email from CanAcre transmitting the draft Environmental Report to another person at City of Halton and explanation of comment process.	2/8/2019	N/A - outgoing correspondence, no response required	No
775	2/1/2019	Region of Peel	Email from ERM to Region of Peel	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	N/A - outgoing correspondence, no response required	No
775	2/1/2019	Town of Milton	Email from ERM to Town of Milton	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	N/A - outgoing correspondence, no response required	No
775	2/1/2019	Town of Oakville	Email from ERM to Town of Oakville	Email to transmit draft Environmental Report and explanation of comment process.	2/1/2019	N/A - outgoing correspondence, no response required	No
750	1/16/2019	TSSA	Email from Imperial to TSSA	Email from Imperial to OPCC members providing a copy of Imperial's letter of intent notifying the OEB of Imperial's intention to submit the LTC application for the Project in early 2019. Recipients were notified that the next regulatory milestone included the submission and distribution of the draft Environmental Report for their early review and comment.	1/16/2019	Imperial provided the draft Environmental Report on Feb. 1, 2019.	No

**Jim Chan**

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**From:** Zora Crnojacki <Zora.Crnojacki@oeb.ca>  
**Sent:** Friday, February 23, 2018 10:54 AM  
**To:** Matthew Scoular  
**Cc:** Nancy Marconi; Curtis Campbell  
**Subject:** RE: pipeline LTC prospective application

Thanks Matt:  
I will get back to you early next week.

**Zora Crnojacki**  
Project Advisor  
| Applications | Supply and Infrastructure |



---

P.O. Box 2319  
2300 Yonge Street  
Toronto ON M4P 1E4  
416-440-8104  
zora.crnojacki@oeb.ca

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**From:** Matthew Scoular [mailto:Matthew.Scoular@erm.com]  
**Sent:** Friday, February 23, 2018 9:10 AM  
**To:** Zora Crnojacki <Zora.Crnojacki@oeb.ca>  
**Cc:** Nancy Marconi <Nancy.Marconi@oeb.ca>; Curtis Campbell <Curtis.Campbell@erm.com>  
**Subject:** RE: pipeline LTC prospective application  
**Importance:** High

Hi Zora,

As promised, a high level description of the project is provided below.

Imperial Oil Limited (Imperial)'s Sarnia Products Pipeline (SPPL) carries refined product (gasoline, diesel, and jet fuel). As critical infrastructure, this pipeline operates safely and reliably. In 2019, Imperial plans to conduct pipeline maintenance and replace the SPPL between its Waterdown Booster Station and Finch Terminal (Wat-Finch) in the vicinities of Hamilton and Toronto (the Project).

Imperial will seek a Leave to Construct pursuant to subsection 90(1) of the *Ontario Energy Board Act*. To initiate this process, Imperial wishes to hold an introductory meeting with the Ontario Energy Board. The intent of the meeting will be to discuss the Project in greater detail, review the preliminary permitting and construction schedule, solicit anticipated issues and feedback, identify expectations, and confirm next steps.

At your earliest convenience, please let us know a day and time the OEB can meet with the project team. We are available next week and the first week of March except for March 1, 2, 6, and 9.

Thank-you in advance.

Best Regards,

Matt Scoular, M.E.S., MCIP, RPP  
Senior Consultant

**ERM**

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**From:** Zora Crnojacki [<mailto:Zora.Crnojacki@oeb.ca>]  
**Sent:** Tuesday, February 20, 2018 5:18 PM  
**To:** Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>  
**Cc:** Nancy Marconi <[Nancy.Marconi@oeb.ca](mailto:Nancy.Marconi@oeb.ca)>  
**Subject:** pipeline LTC prospective application

Hi Mat, further to our phone conversation please send me a high level description of the pipeline project you client is proposing. We can set a brief meeting at the OEB (with OEB technical staff) to talk about administrative process and filing requirements for the leave to construct applications.

**Zora Crnojacki**  
Project Advisor  
| Applications | Supply and Infrastructure |



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P.O. Box 2319  
2300 Yonge Street  
Toronto ON M4P 1E4  
416-440-8104  
[zora.crnojacki@oeb.ca](mailto:zora.crnojacki@oeb.ca)

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Please visit ERM's web site: <http://www.erm.com>

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**Imperial**  
**Waterdown to Finch Pipeline Project**  
**March 7, 2018**  
**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Ontario Energy Board (OEB)*

- Zora Crnojacki (ZC)
- Ritchie Murray (RM)
- Nancy Marconi (NM)
- Sandra Fernades (SF) - Absent
- Jaime Sidlofsky (JS)

*Imperial*

- Martin Bates (MB)
- Elias Majdalani (EM)
- Tara Rodrigues (TR)

*Environmental Resource Management (ERM)*

- Curtis Campbell (CC)
- Matt Scoular (MS)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Pipeline Project (the Project)
- Review Imperial's permitting approach and preliminary timeline
- Solicit anticipated issues and feedback from the OEB
- Identify OEB expectations and confirm next steps

Topic	Discussion
Introductions	<ul style="list-style-type: none"> <li>• TR - Regulatory and Environmental Specialist, Imperial</li> <li>• MB - Engineering, Maintenance and Projects Manager, Imperial</li> <li>• EM - Project Manager of Development, ExxonMobil</li> <li>• ZC - Project Advisor, OEB Supply and Infrastructure</li> <li>• RM - Project Advisor, OEB Supply and Infrastructure</li> <li>• NM - Manager, OEB Supply and Infrastructure</li> <li>• JS - Legal Counsel, OEB</li> <li>• MS - Project Manager, ERM</li> <li>• CC - Project Director, ERM</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Overview of meeting agenda</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• MB discussed Imperial's pipeline integrity program</li> </ul>
Objectives	<ul style="list-style-type: none"> <li>• Meeting objectives</li> </ul>
Overview	<ul style="list-style-type: none"> <li>• Background of Sarnia Products Pipeline and Credit River Valley Project</li> <li>• Waterdown to Finch Pipeline Project description: <ul style="list-style-type: none"> <li>○ Proposed route is within Imperial's current pipeline easements or Infrastructure Ontario/Hydro One Networks Inc. corridor for the majority of its length</li> <li>○ Project need is driven by the age of pipeline and results of Imperial's integrity program</li> <li>○ Upon tie-in of new pipeline, the existing pipeline to be deactivated - taken out of service, cleaned, filled with nitrogen and left in place</li> <li>○ Leave to Construct (LTC) is required under Section 90 of the OEB Act</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ Proposed replacement pipeline is approximately 63km long, Nominal Pipe Size of 12-inches in diameter</li> </ul>
Regulatory Overview and Approach	<ul style="list-style-type: none"> <li>• Overview of permitting approach</li> <li>• The OEB has guidelines for the preparation of the Environmental Report</li> <li>• OEB staff stated that Ministry of Energy (MOE) needs to be engaged to determine which Indigenous groups to consult with. MOE will delegate the procedural aspects of the “duty to consult” to Imperial</li> <li>• OEB staff stated that Imperial needs to file “Indigenous Consultation Report” as part of the Leave to Construct (LTC) Application, MOE will provide opinion letter to the Imperial as to whether the Project has adequately consulted Indigenous groups. Imperial will have to file this letter with the OEB in its evidence. OEB gives consideration to MOEs letter when deciding whether “duty to consult” has been met and will be referenced in the OEBs Decision.</li> <li>• OEB and MOE staff (OPCC members) will provide additional guidance around the Indigenous consultation protocol described in the OEB Guidelines</li> <li>• OEB staff confirmed that MOE is an OPCC member</li> <li>• OEB staff confirmed that Conservation Authorities and Municipalities that the Project route crosses are also members of the OPCC</li> <li>• Discussion around whether LTC is required since the Project appears to be a “replacement-in-kind”, however, due to some deviations from the existing route and associated new land easements required, the Project will require a LTC</li> <li>• OEB staff stated that in addition to Six Nations of the Grand River and Mississaugas of the Credit First Nation, we may want to consult with the Métis Nation of Ontario; MOE will determine a list of Indigenous communities that will have to be consulted</li> <li>• OEB staff stated that Ontario Ministry of Transportation (MTO) needs to be added to the stakeholder list as the MTO is member of the OPCC and the Project route will cross 400 series highways</li> <li>• OEB staff discussed OEB’s role in LTC process and the OPCC <ul style="list-style-type: none"> <li>○ OEB staff encouraged Imperial to meet with OPCC members individually and outside of the OEB process interrogatory and hearing phases</li> <li>○ OPCC membership list is provided on OEB website</li> </ul> </li> </ul>
Permitting Timeline	<ul style="list-style-type: none"> <li>• Overview of permitting and Project timelines</li> <li>• Discussion around Constraints Map when reviewing permitting timeline <ul style="list-style-type: none"> <li>○ OEB staff advised that Constraints Map does not need to be filed prior to Environmental Report filing</li> <li>○ OEB staff advised that Constraints Map should be prepared and used for stakeholder engagement and presented to the OPCC and stakeholders, and the route decision should consider stakeholder feedback</li> <li>○ OEB staff confirmed that Constraints Map should be an appendix of the Environmental Report</li> </ul> </li> <li>• OEB staff discussed Environmental Report review timeline <ul style="list-style-type: none"> <li>○ The OPCC has 42 days to provide feedback on the Environmental Report. Proponent then responds to feedback and, if necessary, updates</li> </ul> </li> </ul>

	<p>Environmental Report. Receipt of feedback does not mean 42-day clock resets, but 42 days is not guaranteed</p> <ul style="list-style-type: none"> <li>• OEB staff stated that similar project usually have two rounds of community information sessions, within the communities along the proposed route <ul style="list-style-type: none"> <li>○ Round 1: Introduce Project, gather concerns and required accommodation</li> <li>○ Round 2: Provide additional information, address concerns and accommodations required</li> </ul> </li> <li>• Discussion on typical LTC Application process <ul style="list-style-type: none"> <li>○ 130-days is standard timeline for Written Hearing</li> <li>○ 205-days is a standard timeline for Oral Hearing</li> <li>○ Further details contained in <i>OEB Rules of Practice and Procedure</i></li> </ul> </li> </ul>
Summary of Discussion and Closing	<ul style="list-style-type: none"> <li>• LTC Application should describe the need for the Project, details on deactivation and leaving pipeline in place, and evaluate alternative routes</li> <li>• Pursuant to the OEB Guidelines, MOE should be engaged to determine Indigenous consultation requirements</li> <li>• LTC Application includes Environmental Report (including Constraints Map), Engineering and Economic Feasibility, and Stakeholder and Indigenous Consultation Logs</li> <li>• Project needs to comply with Technical Standards and Safety Authority (TSSA) regulation. Imperial will engage and review the Project with TSSA</li> <li>• ZC will be point of contact for OEB staff</li> <li>• MS will be consultant point of contact for Imperial's Application</li> </ul>
<b>Summary of Actions</b>	
<ul style="list-style-type: none"> <li>• OEB staff to confirm that the list of OPCC members available at the website below is current and complete: <a href="https://www.oeb.ca/about-us/who-we-are/stakeholder-and-consumer-groups">https://www.oeb.ca/about-us/who-we-are/stakeholder-and-consumer-groups</a></li> </ul>	ZC
<ul style="list-style-type: none"> <li>• OEB staff to provide additional guidance on how to engage MOE regarding Indigenous consultation for the Project</li> </ul>	ZC
<ul style="list-style-type: none"> <li>• OEB staff to provide links to other project LTC Applications for Imperial's review</li> </ul>	ZC
<ul style="list-style-type: none"> <li>• Circulate meeting notes as record of pre-application consultation</li> </ul>	MS

## Hydrocarbon Pipeline Leave to Construct (LTC) Application Minimum Requirements

### Exhibit A: Index

1. Provide a listing of the exhibits and their location in the filing using an Exhibit / Tab / Schedule structure.
2. Provide an overview of the application and the approval(s) that are being requested. Make reference to applicable legislation as required (e.g., OEB Act, Franchises Act, Expropriations Act, etc.) and the section (i.e., section 90 for LTC).
3. Provide a listing of interested parties (including the OPCC, government ministries and agencies, aboriginal communities, regions/municipalities/townships, elected officials, etc.).
4. Name and provide a description of any applicable Municipal Franchise Agreements (MFAs) and certificates of public convenience and necessity (certificates).
5. Provide a key map suitable for newspaper publication.
  - a) If appropriate, provide a map of the existing natural gas infrastructure in the vicinity of the area proposed to be served, with major roads and geographic features marked clearly, or
  - b) If appropriate, provide a map of a customer density (a.k.a., heat map) for the existing natural gas infrastructure in the vicinity of the area proposed to be served, with major roads and geographic features marked clearly.

### Exhibit B: Purpose, Need, Proposed Facilities and Timing

1. Provide a brief description of the proposed facilities (locations, lengths, pipeline diameters, and pipeline materials).
2. Provide an explanation of the purpose, need and timing of the proposed facilities.
3. If applicable, compare and contrast the proposed project with any market-based alternatives (i.e., solutions that do not involve constructing facilities) in term of their quantitative and qualitative benefits.
4. If applicable, identify and describe any related projects such as system reinforcements, additional phases, etc., including the timing of said projects.
5. Provide a map(s) illustrating the preferred routing with major roads and geographic features marked clearly.
6. Include any additional information the applicant believes will better enable the OEB to make its decision.

### Exhibit C: Routing and Environmental

1. Describe the process used to determine the preferred routing and/or location.
2. Describe the preferred routing in terms of locations, lengths, pipeline diameters, and pipeline materials.
3. Describe any alternative routes in terms of locations, lengths, pipeline diameters, and pipeline materials.
4. Compare and contrast the preferred route with any alternative routes.
5. Describe how the applicant will incorporate and address recommendations in the ER into an Environmental Implementation Plan.
6. Include a copy of the Environmental Report (ER).
7. If available, include a copy of the Archeological Assessment (AA), both Stage 1 and Stage 2 as applicable.
8. Include copies or descriptions of any applicable correspondence to date (e.g., clearance letter from the Ministry of Tourism, Culture and Sport (MTCS)).
9. Include any additional information the applicant believes will better enable the OEB to make its decision.

### Exhibit D: Facilities and Project Costs

1. Provide the design specifications for all pipe, fittings and associated equipment that are intended to be used to construct the project, including (as applicable):
  - a. Material, size, wall thickness, grade
  - b. Identify any applicable material standards: toughness, coating, cathodic protection, fittings, flanges, valves
  - c. Identify the class location per CSA Z662
  - d. Provide the design pressure and the hoop stress at design pressure
  - e. Provide the maximum operating pressure and hoop stress at MOP
  - f. Provide the minimum depth of cover
  - g. Provide the test medium (water, N<sub>2</sub>, air), the strength test pressure, and the hoop stress at strength test pressure
  - h. Provide the leak test pressure
2. Provide the proposed project's key milestones, including at a minimum estimated dates for:
  - a. LTC approval
  - b. Receipt of various permits and approvals
  - c. Construction start
  - d. Construction end
  - e. Testing and inspection
  - f. Reinstatement end
  - g. In-service
3. Provide commentary on the project's key milestones to the extent that any special considerations are highlighted and addressed (e.g., why there may be a delay in a step, etc.).
4. Provide a description of the testing and inspection methodology and procedures.
5. Provide an itemized table showing the project capital costs including the following (but not including taxes):
  - a. Pipeline material costs
  - b. Pipeline labour and construction costs

c. Pipeline consulting and professional service costs
d. Pipeline contingency
e. Sub-total pipeline costs
f. Station material costs
g. Station labour and construction costs
h. Station consulting and professional service costs
i. Station contingency
j. Sub-total pipeline costs
k. Interest during construction
l. Total project cost
6. Describe how project costs will be allocated between ratepayers and shareholders, across rate classes, and between existing and new customers as applicable. For rate-regulated companies, to the extent that cost impacts on ratepayer impacts can be quantified, provide details of the cost impacts.
7. Provide commentary on the project's capital costs to the extent that any special considerations are highlighted and addressed.
8. Provide an assessment of the project's key financial and technical risks (e.g., project scope, costs, schedule, land use requirements, environment matters, and consultations) as well as the corresponding proposed approach to mitigation.
9. Include any additional information the applicant believes will better enable the OEB to make its decision.
<b>Exhibit E: Economic Feasibility</b>
<i>Note: this section does not apply to non-rate-regulated companies.</i>
1. Confirm that the application conforms to E.B.O. 188 or E.B.O. 134 as applicable.
2. Provide a summary of the feasibility assessment (DCF, NPV) including the resulting Profitability Index (if applicable).
3. Provide a description of key assumptions used in the feasibility assessment including at a minimum:
a. Capital costs
b. Construction timing
c. Revenue horizon
d. Use of an SES or stand-alone rate
4. Provide a summary table of the calculation inputs and results.
5. Provide a copy (flat file) of the spreadsheet used to perform the Discounted Cash Flow (DCF) calculations.
6. Include any additional information the applicant believes will better enable the OEB to make its decision.
<b>Exhibit F: Land Matters</b>
1. Identify and describe the location, size, and purpose of any land purchase, permanent easement or temporary easement requirements.
2. Provide an affidavit of title search attesting to the work that was done to identify affected landowners and listing the affected landowners.
a. Provide a confidential listing of affected landowners, their contact information and a description of their property. For guidance on confidential filings, consult the OEB's Practice Direction on Confidential Filings (refer to Appendix 1: Additional References).
b. For the record, provide a second non-confidential copy of this listing with any personal information redacted.
3. Provide a copy of all forms of land agreement that have or will be offered to each affected landowner. Identify which, if any, of the forms of agreement have previously been approved by the OEB and in what proceeding.
4. Provide a summary of all land negotiations to date including their status. Identify any contentious issues and the applicants proposed approach to resolution.
5. Provide a listing of all permits that are required. Include a description of the purpose or need for each permit. Include the corresponding authorities having jurisdiction and associated contact information. Include the corresponding status of each permit application.
6. Include any additional information the applicant believes will better enable the OEB to make its decision.
<b>Exhibit G: Aboriginal Consultation</b>
1. Provide a summary of the applicant's approach to aboriginal consultation and the status of all efforts to the date of filing the application.
2. Either provide a copy of the MOE's
a. Letter stating no duty to consult is triggered, or
b. Letter stating that the procedural aspects of the Crown's duty to consult have been delegated to the applicant.
3. If applicable (i.e., 2 b above applies), provide a copy of the applicant's Indigenous Consultation Report (ICR), if applicable. The report must include description of the consultation activities that were undertaken and timing, include copies of communication and summary of the rights-based concerns raised by Indigenous communities, and descriptions of what (if any) accommodations were proposed. A matrix can be used to summarize the Indigenous consultation record, documenting the date, time and/or place of the consultations, concerns that were raised, and how they were addressed.
4. Once available, and if applicable (i.e., 2 b above applies), provide a copy of the MOE's letter stating that the applicant's Aboriginal consultation efforts are satisfactory to meet the procedural elements of the Crown's duty to consult.
<b>Supporting Documentation</b>
<i>If not already submitted in a previous section, provide copies of related correspondence, reports, forms, etc., such as:</i>
a) Correspondence from the Ontario Pipeline Coordinating Committee (OPCC)
b) Correspondence from the Technical Safety Standards Authority (TSSA)
c) Correspondence from the Ministry of Energy
d) Letter of support for the project

## Jim Chan

---

**From:** Jim Chan  
**Sent:** Tuesday, December 04, 2018 3:22 PM  
**To:** 'Zora Crnojacki'; Matthew Scoular  
**Subject:** RE: Imperial - Waterdown to Finch update/Q

Hello Zora,

Thank you for the call and clarifications on the few minor items.

- 1) Distribution to OPCC members via electronic format is acceptable and environmentally friendly. No expectation for hardcopies.
  - a. Zora to provide the latest OPCC member list (thank you)
- 2) Section on Exhibit E Project details includes: intro summary, construction method details, design specifications, schedule.
  - a. Project Cost is an item in the checklist and we will complete this section indicating that Imperial is non rate-regulated entity, Imperial will bear reasonability for the costs. Cost details will not be disclosure due to business confidentiality. This is acceptable for the LTC filing.
- 3) Section on Exhibit Archaeological Assessment report (stage 1). We have drafted and received review and comments from the Mississaugas of New Credit First Nation and Six Nations. Awaiting more. Our intent was to provide to MTCS after receiving comments from Indigenous communities.  
In the LTC Application, we may or may not be ready to include a copy of the Stage 1 Archaeological Assessment report. You indicated that this is okay if not available yet and could be part of the IR update request.
- 4) Timing for anticipated filing remains the same as target Q1, 2019.

Thank you very much, Jim

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**From:** Zora Crnojacki <Zora.Crnojacki@oeb.ca>  
**Sent:** Tuesday, December 04, 2018 3:16 PM  
**To:** Jim Chan <Jim.Chan@erm.com>; Matthew Scoular <Matthew.Scoular@erm.com>  
**Subject:** RE: Imperial - Waterdown to Finch update/Q

Hi Jim, please see the OPCC list FYI.

**Zora Crnojacki**  
Project Advisor  
| Applications | Supply and Infrastructure |



---

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[zora.crnojacki@oeb.ca](mailto:zora.crnojacki@oeb.ca)

---

**From:** Jim Chan <[Jim.Chan@erm.com](mailto:Jim.Chan@erm.com)>  
**Sent:** Monday, December 3, 2018 3:56 PM

**To:** Zora Crnojacki <[Zora.Crnojacki@oeb.ca](mailto:Zora.Crnojacki@oeb.ca)>; Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>  
**Subject:** Imperial - Waterdown to Finch update/Q

Hello Zora,

Are you free for a short call tomorrow/ Wednesday? What time would work best?

Matt Scoular and I simply wanted to let you know that we are in the midst of preparing the Environmental Report and preparing/compiling the LTC application for a Q1 2019 submission. Timing remains the same.

We wanted to clarify a few things:

- 1) What is the preference for distribution of the draft Environmental Report to the OPCC - electronic, CD or hardcopy (the version, in advance of the LTC filing).
- 2) Section in the LTC on Project Costs. Recognizing that Imperial is a private, non-rate regulated entity, is this section even required?

**Jim Chan**  
Senior Consultant  
**ERM**

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## Jim Chan

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**From:** Zora Crnojacki <Zora.Crnojacki@oeb.ca>  
**Sent:** Thursday, December 20, 2018 12:34 PM  
**To:** Jim Chan; Malone, Jessie M; Thiessen, Corinne E  
**Subject:** RE: Confirmation of Application Submission for Imperial Oil Limited, Case Number:

Thanks. It's all good. Will do.

**Zora Crnojacki**  
Project Advisor  
| Applications | Supply and Infrastructure |



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P.O. Box 2319  
2300 Yonge Street  
Toronto ON M4P 1E4  
416-440-8104  
zora.crnojacki@oeb.ca

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**From:** Jim Chan <Jim.Chan@erm.com>  
**Sent:** Thursday, December 20, 2018 12:20 PM  
**To:** Zora Crnojacki <Zora.Crnojacki@oeb.ca>; Malone, Jessie M <Jessie.m.malone@esso.ca>; Thiessen, Corinne E <corinne.e.thiessen@esso.ca>  
**Subject:** RE: Confirmation of Application Submission for Imperial Oil Limited, Case Number:

Hello Zora,

Resend:

Please find the attached letter as notification to the Ontario Energy Board (the "Board") of Imperial Oil Limited's intent to file a Leave to Construct application for the Waterdown to Finch Project ("the Project") in early 2019. As requested, two paper copies of the letter will be provided to the attention of the Board Secretary today.

For clarify, please note that the attached letter and hardcopy included Ms. Jessie Malone's contact details. The letter posted to the RESS system included the letter, with the signature redacted, in accordance with OEB requirements.

Please kindly delete the previous email correspondence and could you kindly confirm receipt of this email and via the RESS system.

With my regards, Jim

---

**From:** Jim Chan  
**Sent:** Thursday, December 20, 2018 11:32 AM  
**To:** Zora Crnojacki <[Zora.Crnojacki@oeb.ca](mailto:Zora.Crnojacki@oeb.ca)>; Malone, Jessie M (<[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)> <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>; Thiessen, Corinne E <[corinne.e.thiessen@esso.ca](mailto:corinne.e.thiessen@esso.ca)>  
**Subject:** FW: Confirmation of Application Submission for Imperial Oil Limited, Case Number:

Hello Zora,

Please accept this letter as notification to the Ontario Energy Board (the "Board") of Imperial Oil Limited's intent to file a Leave to Construct application for the Waterdown to Finch Project ("the Project") in early 2019.

Please confirm receipt of this email and via the RESS system.

With my regards, Jim

**Jim Chan**  
Senior Consultant  
**ERM**

Richmond-Adelaide Centre  
120 Adelaide Street West  
20th floor | Suite 2010  
Toronto | ON | Canada | M5H 1T1  
T +1 416 646 3608 (office) | M +1 647 919 9474 (mobile)  
E [jim.chan@erm.com](mailto:jim.chan@erm.com) | W [www.erm.com](http://www.erm.com)



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**From:** OEB Board Secretary <[BoardSec@oeb.ca](mailto:BoardSec@oeb.ca)>  
**Sent:** Thursday, December 20, 2018 11:25 AM  
**To:** Jim Chan <[Jim.Chan@erm.com](mailto:Jim.Chan@erm.com)>  
**Subject:** Confirmation of Application Submission for Imperial Oil Limited, Case Number:

Thank you for using the Ontario Energy Board's online for submitting your application. Your electronic submission to the Ontario Energy Board has been received. Please consider this email and the e-filing reference number 36691 as your confirmation of receipt.

The following file(s) have been uploaded successfully:  
IOL\_Ltr\_Intent\_File\_20181220 FINAL\_no contact.pdf

Please send two paper copies of your submission to the attention of the Board Secretary by the next business day.

This electronic transmission, including any accompanying attachments, may contain information that is confidential, privileged and/or exempt from disclosure under applicable law, and is intended only for the recipient(s) named above. Any distribution, review, dissemination or copying of the contents of this communication by anyone other than the intended recipient(s) is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return e-mail and permanently delete the copy you have received.

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**Ontario Energy  
Board**

P.O. Box 2319  
2300 Yonge Street  
27<sup>th</sup> Floor  
Toronto ON M4P 1E4  
Telephone: 416-481-1967  
Facsimile: 416-440-7656  
Toll free: 1-888-632-6273

**Commission de l'énergie  
de l'Ontario**

C.P. 2319  
2300, rue Yonge  
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Toronto ON M4P 1E4  
Téléphone: 416-481-1967  
Télécopieur: 416-440-7656  
Numéro sans frais: 1-888-632-6273



**BY EMAIL**  
[hdi2@bellnet.ca](mailto:hdi2@bellnet.ca)

January 11, 2019

Mr. R. Aaron Detlor  
Haudenosaunee Development Institute  
Six Nations Grand River Territory  
Suite 600, 16 Sunrise Court  
P.O. Box 714  
Ohsweken, Ontario N0A 1M0

Dear Mr. Detlor:

**Re: Imperial Oil Ltd.  
Waterdown to Finch Project**

The Ontario Energy Board (OEB) is in receipt of a copy of your letter to Jessie Malone of Imperial Oil Ltd. (Imperial) dated November 5, 2018. We understand that your objective in copying the OEB with this letter, which we received on November 26, 2018, is to commence an engagement process relating to Imperial's above-noted project (Project).

To date, no application has been filed with the OEB regarding the Project although it is our understanding that an application is intended to be filed by Imperial. If the Project requires a leave to construct approval under section 90 of the *Ontario Energy Board Act, 1998* (Act), the applicant will be expected to comply with the OEB's [Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario](#) (Environmental Guidelines) before, during and after construction. The Environmental Guidelines inform applicants in respect of the identification, management and documentation of environmental impacts, covering natural, social, economic, cultural and built components. Section 3.3 of the Environmental Guidelines discusses Indigenous consultation, including the roles and responsibilities of the Ministry of Energy, Northern Development and Mines, the applicant and the OEB. The OEB will assess the adequacy of Indigenous consultation as part of the leave to construct proceeding. Although every case is different, we are providing links to three recent examples of OEB decisions under section 90 of the Act: [Bathurst](#) reinforcement project; [Don River](#) pipeline project; and [Scugog Island](#) community expansion project.

A leave to construct application filed under section 90 of the Act is adjudicated by a panel of one or more Board members assigned to hear and decide the application. The OEB will give notice of the application, following which interested parties are allowed an opportunity to ask for intervenor status if they wish to actively participate in the proceeding. These proceedings are open and transparent, with decisions made based on the evidence on the public record. At your request, we would be pleased to place your letter on the public record of any application that Imperial might file for leave to construct the Project.

If we can be of assistance in respect of any questions you might have regarding the Environmental Guidelines or the OEB's leave to construct hearing process generally, please do not hesitate to contact Michael Millar, legal counsel, at [Michael.Millar@oeb.ca](mailto:Michael.Millar@oeb.ca) or 416-440-8111.

Yours truly,

*Original signed by*

Kirsten Walli  
Board Secretary

c: Jessie Malone, Environmental and Regulatory Advisor, Imperial Oil Limited

**Ministry of  
Natural Resources  
And Forestry**

**Ministère des  
Richesses naturelles  
et des Forêts**

Guelph District  
1 Stone Road West  
Guelph, Ontario  
N1G 4Y2

Telephone: (519) 826-4955  
Facsimile: (519) 826-4929



April 3, 2018

Mr. Matt Scoular  
Senior Consultant  
ERM  
120 Adelaide Street West, 20<sup>th</sup> Floor, Suite 2020  
Toronto, ON M5H 1T1  
matthew.scoular@erm.com

**RE: WATERDOWN TO FINCH PIPELINE REPLACEMENT PROJECT  
IMPERIAL OIL LIMITED**

Dear Mr. Scoular,

The Ministry of Natural Resources and Forestry (MNRF), Guelph District Office, has reviewed the natural heritage information available for the portion of the above noted project area that lies mainly within Guelph District (the "study area"), unless otherwise specified in this letter, and offers the following comments:

**WETLANDS**

The Ministry has identified the following provincially significant wetlands (PSWs) within the study area:

- Lake Medad Valley Wetland Complex
- Logies Creek Parkside Drive Wetland Complex

**AREAS OF NATURAL AND SCIENTIFIC INTEREST**

The Ministry has identified the following Areas of Natural and Scientific Interest (ANSIs) within the study area:

- Lake Medad Provincially Significant Life Science ANSI
- Lake Medad Meltwater Channel Provincially Significant Earth Science ANSI

**SPECIES AT RISK**

There are records in the area for the following species at risk (SAR):

- Jefferson Salamander (*Ambystoma jeffersonianum*) (Endangered)
- Blanding's Turtle (*Emydoidea blandingii*) (Threatened)
- Barn Swallow (*Hirundo rustica*) (Threatened)
- Bobolink (*Dolichonyx oryzivorus*) (Threatened)
- Eastern Meadowlark (*Sturnella magna*) (Threatened)
- Snapping Turtle (*Chelydra serpentina*) (Special Concern)
- Eastern Wood Pewee (*Contopus virens*) (Special Concern)

Threatened and Endangered Species receive both individual species and habitat protection under the *Endangered Species Act, 2007* (ESA). SAR habitat prescribed under regulation is listed in Ont. Reg. 242/08 (<https://www.ontario.ca/laws/regulation/080242>).

The Ministry notes that there is known Category 2 and Category 3 habitat of Blanding's Turtle (Threatened) and Jefferson Salamander (Endangered) Habitat within the proposed work area.

Under the ESA, Blanding's Turtle receives both species and general habitat protection. Currently the area of the proposed pipeline replacement between Centre Road and just north of Lake Medad (spanning both Guelph and Aurora Districts) are entirely protected as Category 2 and Category 3 Blanding's Turtle habitat. Category 2 habitat includes all of the wetlands/waterbodies in the area plus a 30 m buffer. Category 3 habitat includes the areas between 30 m and 250 m around suitable Category 2 habitat that may provide movement corridors for the species. The general habitat description for Blanding's Turtle can be viewed on our website: [https://files.ontario.ca/environment-and-energy/species-at-risk/mnr\\_sar\\_ghd\\_bln\\_trtl\\_en.pdf](https://files.ontario.ca/environment-and-energy/species-at-risk/mnr_sar_ghd_bln_trtl_en.pdf).

Jefferson Salamander receives individual species and regulated habitat protection as described in s.28 of Ont. Reg. 242/08. As described in the Regulation, this area includes confirmed breeding ponds/vernal pools plus a 300 m buffer from these areas suitable for dispersal, foraging, migration or hibernation, as well as suitable breeding ponds and dispersal areas within 1 km of confirmed breeding ponds. The proposed pipeline replacement area between Robson Road and north of Lake Medad includes regulated habitat for this species (spanning both Guelph and Aurora District). It is our understanding that additional Jefferson Salamander habitat is also present further east within Aurora District.

To assist with this project, the Guelph District Office can provide habitat mapping for the area described above upon request. Please be aware that SAR habitat mapping may be updated from time to time as new information becomes available.

The MNRF recommends that the project team completes an Information Gathering Form (IGF) that includes Blanding's Turtle and Jefferson Salamander, and submits the completed form to [esa.guelph@ontario.ca](mailto:esa.guelph@ontario.ca). The purpose of the IGF is to provide the MNRF with the necessary information to inform whether or not the proposed activity will likely contravene the ESA, and whether an authorization under the ESA may be required. Since the project area spans two MNRF Districts, the project team should also consult with Aurora District to determine whether a consolidated IGF that includes all SAR potentially impacted by the project within both Districts is the desired approach.

In addition, we recommend that the project team review the eligibility of the activity for registration under s.23.18 (Threats to health and safety, not imminent) of Ont. Reg. 242/08 s.23.18. If the activity is eligible, the proponent must follow the rules in regulation, which includes the preparation of a mitigation plan for each threatened or endangered species identified on the Notice of Activity form. The Natural Resources registration guide is available at: <https://www.ontario.ca/page/natural-resources-registration-guide>. The MNRF can provide guidance on/review proposed mitigation.

Please be advised that because the province has not been surveyed comprehensively for the presence of listed species, the absence of a record does not necessarily indicate the absence of SAR from an area. To determine the presence of SAR for a given study area, the District's recommended approach is as follows:

#### I. Habitat Inventory

The Ministry recommends undertaking a comprehensive botanical inventory of the entire area that may be subject to direct and indirect impacts from the proposed activity. The vegetation communities should be classified as per the "Ecological Land Classification (ELC) for Southern Ontario" system, to either the "Ecosite" or "Vegetation Type" level. For aquatic

habitats in the study area, we recommend that you collect data on the physical characteristics of the waterbodies and inventory the riparian zone vegetation, so that these habitats can be classified as per the Aquatic Ecosites described in the ELC manual.

## II. Potential SAR within the Study Area

A list of SAR that have the potential to occur in the area can be produced by cross-referencing the ecosites described during the habitat inventory with the habitat descriptions of SAR known to occur within the planning area. The list of SAR known to occur in the **CITY OF HAMILTON** is attached for your reference. The species-specific COSEWIC status reports (<https://www.canada.ca/en/environment-climate-change/services/committee-status-endangered-wildlife.html>) are a good source of information on habitat needs and will be helpful in determining the suitability of the study areas ecosites for a given species.

Please note that the Species at Risk in Ontario (SARO) List is a living document that is periodically amended as a result of species assessment and re-assessments conducted by the Committee on the Status of Species at Risk in Ontario (COSSARO). The SARO List can be accessed on the following webpage: <https://www.ontario.ca/environment-and-energy/species-risk-ontario-list>.

COSSARO also maintains a list of species to be assessed in the future. It is recommended that you take COSSARO's list of anticipated assessments into consideration, especially when the proposed start date of an activity is more than 6 months away, or the project will be undertaken over a period greater than 6 months. This list can be viewed at: <https://www.ontario.ca/page/how-comment-protecting-species-risk>.

## III. SAR Surveys

The Ministry recommends that each potential SAR identified under Step II is surveyed for, regardless of whether or not the species has been previously recorded in the area. The survey report should describe how each SAR was surveyed for, and provide a rationale for why certain species were not afforded a survey (e.g., habitat within the study area is not suitable for a specific SAR). Please note that some targeted surveys may require provincial authorizations (e.g., ESA permit or Wildlife Scientific Collector's Permit).

## ADDITIONAL INFORMATION

Natural heritage features (e.g. wetlands, ANSIs) can be viewed for a given study area through the MNRF's "Make a Map" web application: <https://www.ontario.ca/page/make-natural-heritage-area-map>. Digital data layers can be obtained through the Land Information Ontario (LIO) geowarehouse <https://www.ontario.ca/page/land-information-ontario>.

Additionally, the MNRF recommends contacting the municipality and the conservation authority to determine if they have any additional information or records of interest for the study area.

Please be advised that it is your responsibility to comply with all other relevant provincial or federal legislation, municipal by-laws, other MNRF approvals or required approvals from other agencies. If your investigations reveal the presence of Threatened or Endangered species, please contact the MNRF at [esa.guelph@ontario.ca](mailto:esa.guelph@ontario.ca) for further direction.

I trust that the above information is of assistance.

Sincerely,

A handwritten signature in cursive script, appearing to read "AM Laurence".

Anne Marie Laurence  
Management Biologist

cc: Tara McKenna, District Planner, Guelph District MNRF  
Bohdan Kowalyk, District Planner, Aurora District MNRF  
Brianne Brothers, A/Management Biologist, Aurora District MNRF

**Imperial**  
**Waterdown to Finch Pipeline Project**  
**March 20, 2018**  
**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Ministry of Natural Resources and Forestry (MNRF)*

- Bohdan Kowalyk (BK)
- Brianne Brothers (BB)

*Environmental Resource Management (ERM)*

- Mark Welsh (MW)
- Matt Scoular (MS)
- Shelly Lohnes (SL)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Pipeline Project (the Project)
- Confirm planned field surveys approach and methods
- Solicit Species at Risk data from MNRF
- Discuss concurrent OEB Leave to Construct (LTC) and MNRF permitting

**Topic**

**Discussion**

Introductions

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• BK – MNRF District Planner</li> <li>• BB – Integrated Resources Management Technical Specialist</li> </ul> | <ul style="list-style-type: none"> <li>• MS – ERM Project Manager</li> <li>• SL – Savanta Biology Lead</li> <li>• MW – ERM Technical Lead</li> </ul> |
|---|--|

Agenda

- Overview of meeting agenda

Safety Moment

- ERM staff discussed Imperial's pipeline maintenance program

Objectives

- Review and agreement of meeting objectives

Overview

- ERM is working on behalf of Imperial
- Imperial met with the Ontario Energy Board (OEB) to introduce the Project
- Background of Sarnia Products Pipeline (SPPL)
- Waterdown to Finch Pipeline Project description:
  - Proposed route parallels Imperial's current pipeline easements or is within Infrastructure Ontario/Hydro One Networks Inc. corridor for the majority of its length
  - Upon tie-in of new pipeline, the existing pipeline to be deactivated - taken out of service, cleaned, filled with nitrogen, and left in place
  - Proposed replacement pipeline is approximately 65km long, as currently planned.
- MNRF asked if Imperial anticipates this to be a controversial project, and suggested some recent pipelines have been
- MS replied that the SPPL has safely operated for 65 years and the Project is a result of ongoing maintenance work
- MNRF staff stated that a new MNRF Biologist (coming from Ministry of Transportation) will be MNRF's contact for the Project in a few months

Regulatory Overview and Approach	<ul style="list-style-type: none"> <li>• LTC is required under Section 90 of the <i>OEB Act</i>. A major component of that application is the Environmental Report. OEB review process includes hearings, either written or oral</li> <li>• MNRF staff asked if the SPPL will be removed and new pipeline installed in its place</li> <li>• ERM staff stated that a new pipeline will be installed and the SPPL will be left in place and safely deactivated</li> <li>• MNRF staff asked what the anticipated width of the construction footprint would be.</li> <li>• ERM staff stated that construction footprint will be on average 20-25 m wide</li> <li>• MNRF staff asked if Imperial has pipeline right-of-way (ROW) easements for the bed and/or banks of watercourses crossings.</li> <li>• ERM plans to initiate biophysical surveys in April to capture appropriate survey windows for Specie at Risk (SAR)</li> <li>• MNRF staff asked if trenchless crossings are planned for the Project. ERM confirmed that there will be trenchless crossings at for example, major watercourse crossings (e.g., 16-Mile Creek, Bronte Creek) and 400 series highways</li> <li>• MNRF staff will provide ERM with current wetland GIS data (shapefile)</li> <li>• ERM staff provided an overview of how the surveys will be scoped, including SAR, wetlands, rare plants, and Ecological Land Classification</li> <li>• ERM staff to prepare a letter outlining survey protocols for MNRF staff</li> <li>• Discussion around use of eDNA for Jefferson Salamander surveys. MNRF staff stated that they would accept positive ID's, but likely not negative ID's.</li> <li>• Discussion around timing of data transfer. MNRF staff stated they do not have a lot of data. ERM staff requested SAR data beyond the 1km grids that are publically available. MNRF staff requested a list of potential SAR.</li> <li>• MNRF staff stated the pipeline crosses Jefferson Salamander regulated habitat east of Waterdown. ERM requested regulated habitat GIS data</li> <li>• MNRF staff confirmed that Jefferson Salamander is the only regulated habitat other than aquatic species.</li> <li>• Discussion on the Information Gathering Form. Can be an iterative process with some back and forth. MNRF staff would like as close to final as possible when filed.</li> <li>• MNRF staff confirmed that the Information Request form for Aurora is complete (including project description provided in email and Google Earth KMZ file of pipeline route)</li> <li>• MNRF staff asked if there will be public consultation. ERM staff stated that consultation will be initiated soon, and will include First Nations communities and the public.</li> <li>• MNRF staff asked if there has been coordination with the Guelph MNRF district. ERM staff confirmed. (This meeting has since been scheduled for April 4, 2018.)</li> <li>• ERM staff asked for confirmation of whether MNRF will coordinate their review of the project with Conservation Authorities and the Niagara Escarpment Commission</li> <li>• Discussion around constraints mapping and scale requirements for LTC application</li> <li>• MNRF staff stated that the Project falls under the regulations of each individual Conservation Authority and Imperial should initiate consultation early.</li> </ul>
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	<ul style="list-style-type: none"> <li>Sally Renwick represents MNRF on the Ontario Pipeline Coordinating Committee</li> <li>Discussion around tree maintenance on existing ROW. ERM plans to do pre-arborist work to support bat habitat confirmation followed by arborist survey pre-construction. Existing woodlots may be affected. Butternut assessment also required; MNRF staff stated that all sizes of Butternuts should be inventoried/health assessment.</li> <li>Bat surveys: acoustic surveys are planned in June. MNRF staff stated that bat surveys should only be completed for critical habitat if clearing greater than 0.5 hectares of contiguous forest for any given location.</li> <li>Discussion around Areas of Natural or Scientific Interest (ANSI). ERM staff requested that MNRF forward any reports available on ANSIs</li> <li>MNRF staff requested ERM supply them with a GIS data (shapefile) of the pipeline route centreline.</li> </ul>
Permitting	<ul style="list-style-type: none"> <li>ERM's field work is designed to meet the requirements of an Overall Benefit Permit. However, avoidance/protection/timing windows will be considered in planning to reduce or avoid environmental effects on SAR.</li> </ul>

Summary of Actions		Who
ERM staff to provide GIS data (shapefile) of current pipeline route centerline		MS
MNRF staff to provide Jefferson Salamander regulated habitat GIS data (shapefile) for 50 meter buffer either side of assumed 25 meter construction footprint		BW
MNRF staff to provide Natural Heritage System information for a study area of 250m either side of centerline including wetland evaluation files, ANSI check sheet, current and imminent (species that may be listed in 2018/19) Species at Risk, and in-water work timing windows for all watercourses crossed by the pipeline route		BW
ERM staff to provide spring 2018 field survey methods summary (survey design including proposed sampling locations and protocols to be used)		MS
MNRF staff to review and comment on ERM spring 2018 field survey methods		BW
MNRF staff to confirm if MNRF Guelph and Aurora District's to coordinate review or one District to lead the review as suggested by MNRF Aurora		BW
ERM staff to prepare draft IGF form for MNRF review after spring 2018 field surveys. Final to be submitted approx. June 2018		MS
ERM staff to confirm width of existing pipeline ROW where vegetation control/management takes place		MS
ERM staff to confirm if Imperial has pipeline ROW easements for watercourse crossings (i.e., beds and banks of watercourses)		MS



Imperial's Sarnia Products Pipeline:  
Waterdown to Finch Pipeline Project

# Introduction to Hydro One / Infrastructure Ontario

March 2018

Proprietary



## Agenda

1	Introductions and Safety Moment
2	Objectives and Agenda
3	Project Overview
4	Hydro One / IO <ul style="list-style-type: none"><li>• Impacted Lands</li><li>• Approval Timelines and Inputs</li><li>• Compensation</li><li>• Points of Contact</li></ul>
5	Summary of Discussion
6	Closing

Proprietary 2

# Safety minute

Proprietary

## Objectives

- Describe the project
- Discuss current understanding of HONI/IO lands being impacted
- Discuss current understanding of HONI/IO Approval requirements and timelines
- Solicit anticipated issues and feedback
- Identify expectations
- Confirm next steps

Proprietary 4

## Overview

- Imperial's Sarnia Products Pipeline (SPPL) carries refined product, including gasoline, diesel and jet fuel
  - SPPL is critical infrastructure to the Greater Toronto and Hamilton Area (GTHA)
  - SPPL supplies a significant portion of product used at Toronto Pearson International Airport
- Continuous maintenance facilitates ongoing reliable, safe and environmentally protective pipeline operations
  - As part of this program, Imperial plans to conduct pipeline replacement between Waterdown (Hamilton) and Imperial's Finch Terminal (North York) in 2019
  - There are no plans to add new service pipelines, increase capacity or change the product

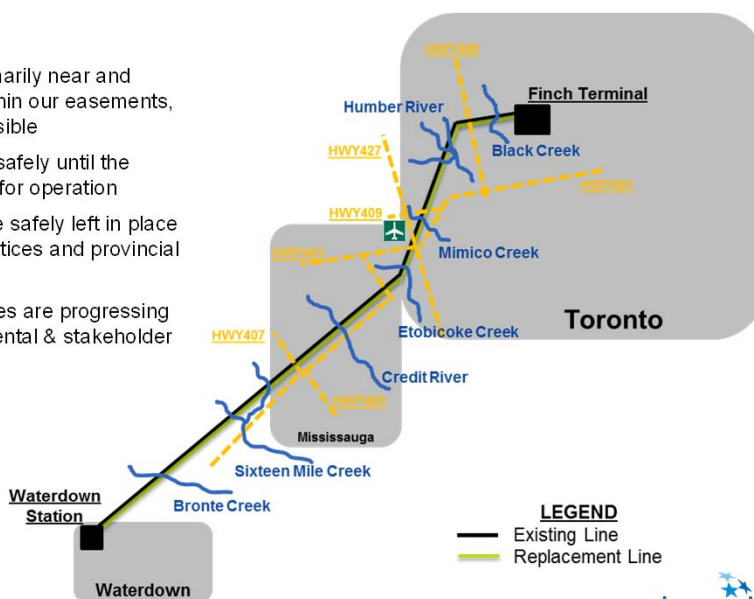
Proprietary 5



## Overview (cont.)

- Replacement activities will occur primarily near and along the existing pipeline's path, within our easements, and as close to existing route as possible
- The pipeline will continue to operate safely until the replacement segments are prepared for operation
- Deactivated pipeline segments will be safely left in place in accordance with industry best practices and provincial regulations
- Engineering and environmental studies are progressing to assess how to minimize environmental & stakeholder impacts

20180309\_Sarnia\_KMZ\_package.kmz



6

## Hydro One / IO Lands

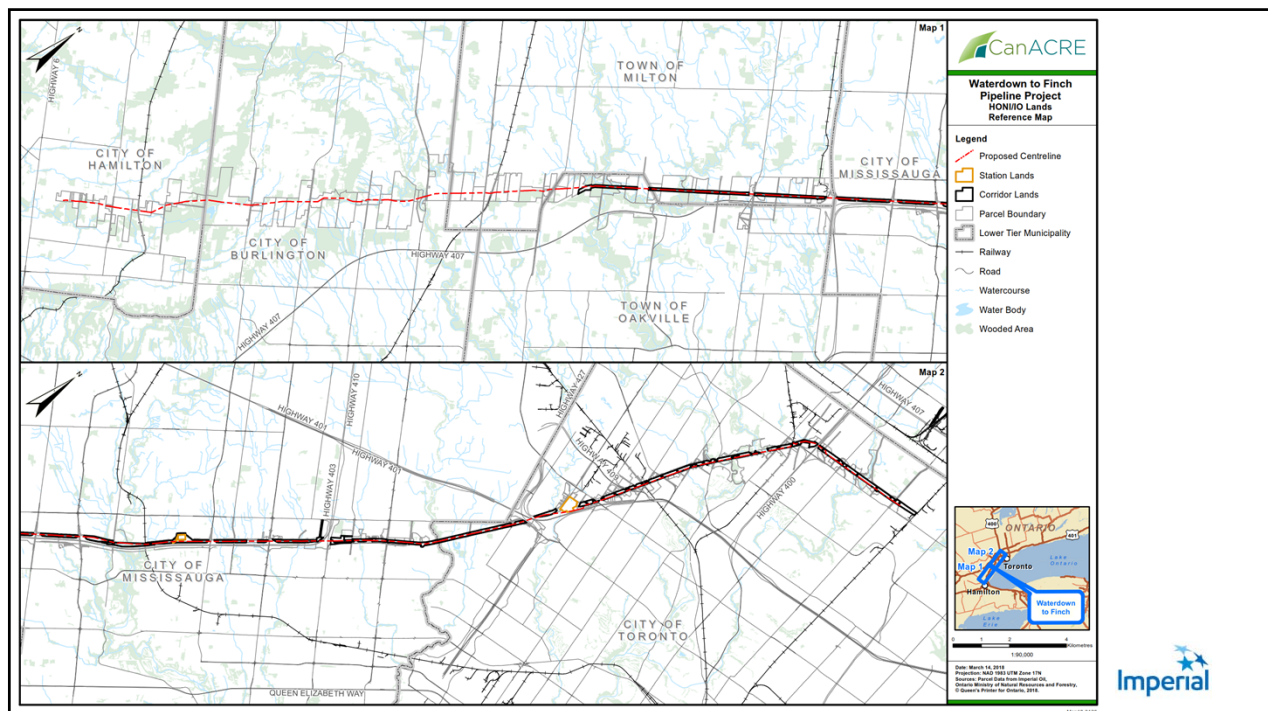
A total of **78 parcels** have been identified as owned by Hydro One/IO but require confirmation:

- 3 of 78 parcels are assumed to be Hydro One Networks Inc. station lands.
- 75 of 78 parcels are assumed to be IO corridor lands (Bill 58).
- **Approximately 43 km of pipeline is proposed within station and corridor lands.**
- Require confirmation of secondary land uses and contact information (**i.e. tenants and DEL Property Management**).

The following types of agreements are expected:

- HONI Grant of Easement (**station lands**)
- **HONI Temporary Use and Access Agreement/License (TUAA) (station lands)**
- **HONI Construction and Encroachment (easement lands)**
- IO Grant of Easement (**corridor lands**)
- IO Temporary Use and Access Agreement/License (TUAA) (**corridor lands**)

7



## Hydro One / IO Approval Timelines and Inputs

Activity Type	Land Tenure Impacted	Documentation Type	Service Fee	Asset Management Review (Yes/No)	Anticipated Review Time	Application Inputs
Surveys - Non-Intrusive (Civil Surveys, Infrastructure sweeps, etc.)	HONI Station Lands	Notice of Entry	N/A	No	1 week for each submission	<ul style="list-style-type: none"> <li>Signed Notice of Entry Permit form, Property Sketch, Property line list</li> <li>Equipment List, Description of Work, Start / End dates, Contractor Contact Information</li> </ul>
	IO (Bill 58) Corridor Lands	Notice of Entry	N/A	No	1 week for each submission	
	HONI Easement	Terms and Conditions Only	N/A	No	1 week for each submission	
Surveys – Intrusive (Archaeological, Geotechnical)	HONI Station Lands	Temporary Use and Access Agreement / License	\$1500 min.	Yes	6-8 weeks for each submission	<ul style="list-style-type: none"> <li>Property Sketch, Property line list, Certificate of Insurance, Security Deposit Cheque</li> <li>Equipment List, Description of Work, Start / End dates</li> </ul>
	IO (Bill 58) Corridor Lands	Temporary Use and Access Agreement / License	\$1500 min.	Yes	6-8 weeks for each submission	
	HONI Easement	Stakeholder Review (Email Consent)	N/A	Yes	6-8 weeks for each submission	
Temporary Use / Temporary Workspace (including HDD Sites)	HONI Station Lands	Temporary Use and Access Agreement / License	\$1500 min.	Yes	6-8 weeks for each submission	<ul style="list-style-type: none"> <li>Property Sketch, Property line list, Certificate of Insurance, Security Deposit Cheque</li> <li>Equipment List, Construction Start / End Dates</li> <li>Description of Work, Construction Methods, Construction Typical Drawings, Detailed Plans / Drawings, Cross-Section Drawings</li> </ul>
	IO (Bill 58) Corridor Lands	Temporary Use and Access Agreement / License	\$1500 min.	Yes	6-8 weeks for each submission	
	HONI Easement	Stakeholder Review (Email Consent)	N/A	Yes	6-8 weeks for each submission	

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## Hydro One / IO Approval Timelines and Inputs (cont'd)

Activity Type	Land Tenure Impacted	Documentation Type	Service Fee	Asset Management Review (Yes/No)	Anticipated Review Time	Application Inputs
Permanent Use - Pipeline	HONI Station Lands	Grant of Easement (HONI)	\$2500 min.	Yes	6-8 weeks for each submission	<ul style="list-style-type: none"> <li>Written Grant of Easement Proposal Letter, Engineering Review Fee Cheque, Appraisal Report, Property Sketch, Property line list</li> <li>Equipment List</li> <li>Pipeline Information (Specifications), AC Mitigation Report, Reference Plan</li> </ul>
	IO (Bill 58) Corridor Lands	Grant of Easement (IO)	\$2500 min.	Yes	6-8 weeks for each submission	<ul style="list-style-type: none"> <li>Written Grant of Easement Proposal Letter, Engineering Review Fee Cheque, PSLUP Form/Municipal Consent, Appraisal Report, Property Sketch, Property line list</li> <li>Equipment List, Description of Work and Construction Methods, Construction Start / End Dates</li> <li>Pipeline Information (Specifications), AC Mitigation Report, Reference Plan</li> <li>IO Class EA, Summary of Consultation with Aboriginal Communities, Stage 1 and 2 Archaeological Assessment Reports, Phase 1 ESA</li> </ul>
	HONI Easement	Construction and Encroachment Agreement	\$1500 min.	Yes	6-8 weeks for each submission	<ul style="list-style-type: none"> <li>Property Sketch, Property Sketch, Crossing Drawing, Property line list</li> <li>Equipment List, Description of Work and Construction Methods, Construction Start / End dates</li> <li>Crossing Drawing, AC Mitigation Report</li> </ul>

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## HONI and IO Easement Timeline

Step	Description	Expected Timeline for Completion	Expected Date of Completion
1	Submission of complete easement deliverables package to HONI and IO	4 months	August 1, 2018
2	Review by HONI/IO and consultation on easement deliverables package	12 months	August 1, 2019
3	Execution of agreements and deliverance of compensation	2 weeks	August 15, 2019
4	Registration of easements by HONI/IO conveyancing team	1 month	September 15, 2019

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## Compensation

### Grant of Easement:

- Area x Unencumbered Across the Fence or General Industrial Land Value (whichever is greater) per acre x \_\_\_% (longitudinal – greater than 300 feet)
- Area x Unencumbered Across the Fence or General Industrial Land Value (whichever is greater) per acre x \_\_\_% (crossings and occupations less than 300 feet)

### Temporary Use and Access Agreement:

- Area x Rate Per Acre x 75% x 6.5% (rate of return) = Annual Fee – pro-rated for the term (1 year or less)

### Appraisal:

- Market Valuation Report to be provided by Imperial

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## Points of Contact

- Roman Dorfman, Senior Real Estate Coordinator – HONI Station and IO Corridor Lands
- Hydro One technical staff
- IO contacts for Environment, Cultural Heritage, Duty to Consult

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## Summary of discussion

Proprietary 14

# Closing

Proprietary



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**April 4, 2018**  
**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Ministry of Natural Resources (MNRF)*

- Tara McKenna (TM)
- Anne Marie Laurence (AML)

*Environmental Resource Management (ERM)*

- Mark Welsh (MW)
- Matt Scoular (MS)
- Shannon Catton (SC)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Pipeline Project (the Project)
- Confirm planned field surveys approach and methods
- Solicit Species at Risk data from MNRF
- Discuss concurrent OEB Leave to Construct (LTC) and MNRF permitting

Topic	Discussion
Introductions	<ul style="list-style-type: none"> <li>• TM – Guelph District Planner</li> <li>• AML – Guelph District Management Biologist</li> <li>• MS – ERM Project Manager</li> <li>• SC – Savanta Biologist</li> <li>• MW – ERM Technical Lead</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Overview of meeting agenda</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• ERM staff discussed Imperial's pipeline maintenance and integrity program</li> </ul>
Objectives	<ul style="list-style-type: none"> <li>• Review and agreement of meeting objectives</li> </ul>
Overview	<ul style="list-style-type: none"> <li>• ERM is working on behalf of Imperial Oil</li> <li>• MNRF staff stated that Information Request Form submitted is acceptable. MNRF Guelph forwarded a response letter to ERM on April 3.</li> <li>• ERM staff indicated that Sally Renwick is the Ontario Energy Board (OEB) Ontario Pipeline Coordinating Committee member representing MNRF</li> <li>• Discussion about the OEB Environmental Report guideline. ERM to provide the 2016 version on the OEBs website to MNRF.</li> <li>• ERM staff indicated that Bohdan Kowalyk (MNRF Aurora) suggested an opportunity for Aurora District to take the lead on file. MNRF Aurora and Guelph will have internal discussions on this point.</li> <li>• Background and route of Sarnia Products Pipeline (SPPL) and critical infrastructure for the region.</li> <li>• Waterdown to Finch Pipeline Project description: <ul style="list-style-type: none"> <li>○ Proposed route is largely within Imperial's current pipeline easements or Infrastructure Ontario/Hydro One Networks Inc. corridor for the majority of its length. Some new easement will be required.</li> <li>○ Project need is driven by Imperial's maintenance and integrity program.</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ Upon tie-in of new pipeline, the existing pipeline to be deactivated - taken out of service, cleaned, purged with nitrogen, and left in place.</li> <li>○ Proposed replacement pipeline is approximately 63 km long</li> <li>○ Construction footprint width is intended to be an average of 20-25 m</li> </ul>
Regulatory Overview and Approach	<ul style="list-style-type: none"> <li>• Imperial met with the Ontario Energy Board (OEB) to introduce the Project.</li> <li>• At this time, the project remains <u>confidential</u>.</li> <li>• A Leave to Construct (LTC) is required under Section 90 of the <i>OEB Act</i>. A major component of that application is the Environmental Report. OEB review process includes hearings, either written or oral.</li> <li>• Imperial will implement a comprehensive public, First Nations, and regulatory consultation program; including the Niagara Escarpment Commission.</li> <li>• MNRF staff asked if the pipe diameter is staying the same or would decrease. MS responded that there are currently no plans to change pipe diameter.</li> <li>• ERM staff indicated that major waterways would be trenchless crossings. Other measures to avoid/mitigate effects on Species at Risk (SAR) will be explored.</li> </ul> <p>Timeline</p> <ul style="list-style-type: none"> <li>• MS provided a high level overview of the schedule</li> <li>• Imperial plans to obtain regulatory permits for the Project (federal, provincial, municipal) concurrently with the OEB Leave to Construct application</li> <li>• The current schedule anticipates a late Fall 2018 submission of Environmental Report to OEB and OPCC</li> <li>• Sally Renwick (MNRF) would be responsible to coordinate review of the ER submission, and may engage MNRF Districts</li> <li>• Imperial plans to issue project notices to OPCC members this spring</li> <li>• ERM plans to submit Information Gathering Forms (IGF) shortly after spring fieldwork and want to confirm that it meets MNRF expectations through an iterative process (draft and final submissions).</li> <li>• MNRF staff indicated there is one potential but unknown area for Jefferson Salamander around KP 1. MNRF stated we have missed the early spring movement of this species to vernal pool breeding areas, and therefore would need to plan for additional surveys in Spring 2019. Three years worth of data may be required for this species. MNRF does not have good data on vernal pools in this area.</li> <li>• ERM staff requested species at risk (SAR), wetland evaluation, and other Natural Heritage spatial data not available on Land Information Ontario (LIO)</li> <li>• ERM staff indicated that opportunities to avoid effects on SAR Regulated Habitat will be evaluated</li> <li>• MNRF staff indicated that the schedule indicates approximately 1.5 years to start of construction. ERM indicated that mid-2019 is the anticipated construction start date.</li> <li>• MNRF staff provided a description of an online registration through exemption regulation 23.18 (Ontario Regulation 242/08) in place of Overall Benefit Permits (<i>Endangered Species Act</i>) if the activity qualifies. Determining whether the project fits under this registration can be completed after self-assessment or MNRF can provide</li> </ul>

guidance once the draft IGF is submitted. If construction footprint within regulated habitat is entirely within existing ROW, exemption may be possible.

#### Field Program

- MS indicated reconnaissance work was completed in 2017 and the focus of 2018 surveys will be species-specific.
- ERM staff to provide survey protocol overview to MNRF for review and acceptance
- Upcoming surveys include wetland identification and delineation, habitat suitability and egg mass survey for Jefferson Salamander, and habitat suitability for Blanding's Turtle. This would bring the field program to the end of May 2018. MNRF staff to provide Blanding's Turtle Protocols to confirm timeline.
- MNRF staff indicated there is no need to conduct Jefferson Salamander surveys in Regulated Habitat. Focus should be on vernal pools in areas where there are data gaps.
- Regarding eDNA for detection of Jefferson Salamander and the Unisexual Ambystoma (Jefferson Salamander dominated population), MNRF has not had the opportunity to review the data collected to date on the effectiveness and reliability of this method. This method is in early stages of development and has not been widely tested. Therefore, at this time, MNRF does not support the use of this method as a standalone method to confirm absence of the species. MNRF recommend that the project team use the protocol currently supported by the MNRF (Sampling Protocol for Determining Presence of Jefferson Salamander – July 2013) and the associated data collection form to sample suitable habitat in study area that are data deficient. The project team may wish to test the eDNA method in conjunction with the above-noted protocol.
- Regarding bats, ERM staff indicated that ecological land classification (ELC), tree reconnaissance, cavity searches, bat acoustics would be conducted in June, focusing on tree removal areas. MNRF staff suggested the Project should continue with acoustic surveys to ID species, and apply timing windows to construction as a mitigation measure where there will be an impact from tree clearing.
  - Regarding the timing window – a timing window for tree removal would only be appropriate to address s.9 of the ESA in cases where MNRF has determined that there is no likely contravention of s.10. If habitat damage or destruction is anticipated, an ESA authorization (or ESA registration, if eligibility requirements can be met) may be required.
- Breeding bird surveys will begin in June 2018. Surveys would be conducted in a variety of habitat types. There are two rounds of surveys planned.
- Discussion on potential new SAR that may be listed in the short term: Monarch Butterfly and Common Nighthawk. MNRF staff will provide survey protocols for Blanding's Turtle and Common Nighthawk.
- MNRF staff requested if the Critical Issues report could be distributed for background. MS responded that the intent of that report was for internal consideration, but results will be updated for 2018 and shared with MNRF through the OEB and permitting process.

	<ul style="list-style-type: none"> <li>• MNRF staff asked if karst habitat would be surveyed. MNRF has no mapping of karst areas.</li> <li>• Discussion on the scope of the ER, and if it covers provincial policy. ERM indicated that ER is focussed on impact assessment, mitigation planning and constraint mapping, however how the Project conforms to land use plans will be discussed. ERM to forward links to previously filed example ER's.</li> <li>• Constraint mapping to be filed with the OEB will not include SAR-specific information because of confidentiality of information.</li> <li>• Because the line is located on HONI land it may trigger a Public Work Class EA. If this is the case, our plan is for the ER to meet Class EA requirements.</li> <li>• MNRF staff requested educational materials on trenchless crossing techniques. ERM informed MNRF that Canadian Energy Pipeline Association has pipeline educational videos <a href="https://cepa.com/en/resources/videos/">https://cepa.com/en/resources/videos/</a></li> </ul>
Summary of Actions	
• ERM staff to provide the current version of OEB Environmental Report guidelines to MNRF.	MS
• MNRF staff to provide Jefferson Salamander Regulated Habitat GIS data (shapefile) for 50 meter buffer either side of assumed 25 meter construction footprint	AML
• ERM staff requested SAR, wetland evaluation, any other Natural Heritage spatial data not available on LIO from MNRF for a study area of 250m either side of pipeline centerline, including wetland evaluation files, ANSI check sheet, current and imminent SAR (species that may be listed in 2018/19), and in-water work timing windows for all watercourses crossed by the pipeline route	AML/ TM
• ERM staff to provide survey protocol overview to MNRF	MS
• MNRF staff will provide survey protocol for Blanding's turtle and Common Nighthawk	AML
• ERM staff to forward MNRF previous examples of filed Environmental Reports	MS
• MNRF staff to review and comment on ERM spring 2018 field survey design and protocols	AML
• MNRF staff to confirm if MNRF Guelph and Aurora Districts to coordinate review or one District to lead the review as suggested by MNRF Aurora	TM/A ML


**FW: Imperial - Waterdown to Finch Pipeline Project**

Matthew Scoular [Matthew.Scoular@erm.com]

**Sent:** Thursday, August 30, 2018 5:06 PM**To:** Imperial Isometrix; Amanda Juric [Amanda.Juric@erm.com]**Attachments:** MNRF Survey Protocol for B~1.pdf (3 MB) ; Blanding's Turtle Nest Sur~1.pdf (23 KB) ; Whip-poor-will\_Common Nigh~1.pdf (149 KB) ; Bobolink & Eastern Meadowl~1.pdf (11 KB) ; Sampling\_Protocol\_for\_Dete~1.pdf (721 KB) ; Jefferson Salamander Field~1.doc (2 MB) ; BLTU\_habitat\_Apr9\_18.JPG (213 KB) ; JESA\_habitat\_Apr9\_18.jpg (160 KB)

Best,

Matt Scoular

**ERM****M** +1 416 567 7126 

---

**From:** Laurence, Anne Marie (MNRF) <annemarie.laurence@ontario.ca>**Sent:** Monday, April 09, 2018 12:59 PM**To:** Matthew Scoular <Matthew.Scoular@erm.com>; Shannon Catton <shannoncatton@savanta.ca>**Cc:** Mark Welsh <Mark.Welsh@erm.com>; McKenna, Tara (MNRF) <Tara.McKenna@ontario.ca>**Subject:** RE: Imperial - Waterdown to Finch Pipeline Project

Hi Matt &amp; Shannon

Thank you for engaging Guelph District MNRF staff in an early discussion for the Waterdown to Finch pipeline upgrade project. As a follow up to our meeting, we are pleased to provide the following information and recommendations:

**Available SAR Habitat Mapping**

(note: maps show the existing pipeline plus a 50m buffer on either side, as requested)

- Jefferson Salamander habitat mapped in accordance with the habitat regulation is attached – the regulated area is shown with a white outline.
- We have provided Blanding's Turtle general habitat mapping (Category 2 and 3). Note: Cat 2 = Orange Hatching; Cat 3 = Yellow Hatching. As per the general habitat description for this species, Cat 2 is the wetland and suitable water features plus a 30m buffer, and Cat 3 is suitable areas between 30-250m from Cat 2. Note that I did not clip the Cat 3 habitat to exclude unsuitable areas (e.g. developed areas), as this is very time consuming, but using the orthophoto you can easily determine areas that would not be suitable for species movement.
- Note that the mapped habitat spans both Districts at this location – the green line on the map shows the boundary between Guelph and Aurora Districts.
- As noted in our letter to you dated April 3, 2018, please be aware that SAR habitat mapping is subject to change/updates as new information becomes available. As discussed at our meeting, these maps are for internal use only, as they show sensitive SAR information.

**Survey Protocols:**

- To assist with upcoming field work, we have attached recommended survey protocols for Blanding's Turtle (separate protocols for basking and nest surveys), Common Nighthawk, Jefferson Salamander (including a standardized datasheet) and Bobolink/Eastern Meadowlark. We understand you are already familiar with methods for SAR Bats.
- Note that for Jefferson Salamander/Unisexual Ambystoma (Jefferson Salamander dominated population) sampling, you will need a ESA B permit, WSCA and approved Animal Care Protocol. As we

## EXHIBIT H

Record of Consultation - Supporting Documents

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Tab 1, Schedule 3

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discussed, e-DNA methods for determining presence/absence are not supported as a reliable method at this time as there are too many uncertainties; however, you may choose to test this method in conjunction with minnow traps/tail clipping and a “positive” result will be accepted by MNRF (we will not accept a “negative” result).

- If you propose to capture or handle Blanding’s Turtles you will also need the same authorizations are above (Not required for visual surveys). In our meeting, we had discussed that in addition to basking surveys, nest surveys are also recommended (e.g. within agricultural fields that may be impacted). We have attached Guelph District’s recommended approach (2016). You will see that the MNRF Survey Protocol for Blanding’s (Aug 2015) does not provide a lot of specific detail on nesting surveys; the Guelph District protocol provides some supplemental information which may assist.
- We’ve given more thought to your question about a recommended methodology for Monarch Surveys. In the absence of a standardized MNRF protocol, we recommend the following approach to determine presence/absence of **breeding** habitat of Monarch:
  - Identify suitable ELC communities
  - Determine if milkweed is present/absent
  - Where milkweed is present, buffer ELC communities by 5m (for seed dispersal along edges)
  - Use GPS to map patches of milkweed
  - Conduct visual surveys to determine presence/absence of Monarch/larvae (June-August) under suitable weather conditions (i.e., temps >15°C, sunny skies, light to calm winds). Note: If the species is not detected during the first survey, up to 2 more surveys under suitable conditions are recommended to confirm presence/absence.

**PPS/Significant Wildlife Habitat:**

As per the Ontario Energy Board guidelines (2016), it is our understanding that the OEB, as part of its approval process, must be consistent with the PPS. Although it was not discussed at our meeting, after reviewing the OEB guidelines, we noted that the document specifically states the need to identify Significant Wildlife Habitat (SWH) – see pg 25. Therefore, we recommend that the project team incorporate any necessary studies related to the identification of SWH into their upcoming field work plan.

**Additional Comments:**

We briefly discussed your plans for identifying Butternut of all diameters. One additional comment is that a Butternut Health Assessment by a certified BH assessor should be conducted in accordance with the Butternut Health Assessment Guidelines for each Butternut tree to be impacted.

I hope the above comments are of assistance. If you have any questions or concerns, please let me know. As discussed in the meeting, Aurora District will be the lead for this file, and our District can provide additional support, as needed. I will forward a copy of this email (without the survey protocol attachments) to Bohdan Kowalyk at Aurora District.

Best regards,

Anne Marie

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**Anne Marie Laurence**

Management Biologist

Ministry of Natural Resources &amp; Forestry


Guelph District

(519) 826-4132 

EXHIBIT H  
Record of Consultation - Supporting Documents

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Please visit ERM's web site: <http://www.erm.com>. To find out how ERM manages personal data, please review our [Privacy Policy](#)

## FW: Imperial - Waterdown to Finch Pipeline Project (Field Survey Methods)

Matthew Scoular [Matthew.Scoular@erm.com]

**Sent:** Thursday, August 30, 2018 5:04 PM


**To:** Imperial Isometrix; Amanda Juric [Amanda.Juric@erm.com]

**Attachments:** Bobolink-MeadowlarkSurveyM~1.pdf (24 KB) ; Ontario Snake Survey Proto~1.pdf (5 MB)

Best,

Matt Scoular

**ERM**

**M** +1 416 567 7126 

---

**From:** Kowalyk, Bohdan (MNRF) <bohdan.kowalyk@ontario.ca>

**Sent:** Monday, April 23, 2018 10:25 AM

**To:** Matthew Scoular <Matthew.Scoular@erm.com>; Laurence, Anne Marie (MNRF) <annemarie.laurence@ontario.ca>; McKenna, Tara (MNRF) <Tara.McKenna@ontario.ca>; Currie, April (MTO) <April.Currie@ontario.ca>

**Cc:** Mark Welsh <Mark.Welsh@erm.com>; Shannon Catton <shannoncatton@savanta.ca>; Katie Kuker <Katie.Kuker@erm.com>; Sean Male <seanmale@savanta.ca>

**Subject:** RE: Imperial - Waterdown to Finch Pipeline Project (Field Survey Methods)

Hello Matthew,

The following comments are provided:

### Plant Surveys

- It is recommended that a tabular list of identified plant species be provided, with accompanying mapping of the specific locations of all S1-3 species and all species with a coefficient of conservatism of 8-10.

### Breeding Bird Surveys

- It is recommended that upcoming field work include targeted surveys for Bobolink and Eastern Meadowlark using the methodology provided by Guelph District (attached).

### Blanding's Turtle

- In addition to what is currently proposed, it is recommended that the project team review the methodology for Blanding's Turtle surveys in vegetated wetlands, e.g., meadow marshes (see page 7 of MNRF's survey protocol of August 2015) and apply this approach if suitable habitat is present.

### Snake Surveys

- MNRF recommends that the attached protocol be followed for the general snake surveys

(visual) and hibernacula surveys. As noted in the protocol, early season surveys for basking snakes near suitable hibernacula can be used to confirm hibernation sites. Although it is unlikely that species at risk snakes will be encountered in the study area, the identification of reptile hibernacula is important for the identification of Significant Wildlife Habitat.

### SAR Bats

Following identification of suitable candidate maternity roosting habitat for SAR bats, it is recommended that the project team consult with MNRF to potentially scope sites where acoustic monitoring may be recommended.

Regards,

Bohdan Kowalyk, R.P.F.

District Planner, Aurora District, Ontario Ministry of Natural Resources and Forestry

50 Bloomington Road, Aurora, Ontario L4G 0L8

Phone: 905-713-7387; Email: [Bohdan.Kowalyk@Ontario.ca](mailto:Bohdan.Kowalyk@Ontario.ca)

---

**From:** Matthew Scoular [<mailto:Matthew.Scoular@erm.com>]

**Sent:** April 18, 2018 12:57 PM

**To:** Laurence, Anne Marie (MNRF); McKenna, Tara (MNRF); Kowalyk, Bohdan (MNRF); Currie, April (MTO); Brothers, Brianne (MNRF)

**Cc:** Mark Welsh; Shannon Catton; Katie Kuker; Sean Male

**Subject:** Imperial - Waterdown to Finch Pipeline Project (Field Survey Methods)

**Importance:** High

Hi all,

As promised, ERM's field survey methods are attached for your review. Please confirm that they meet your expectations for Imperial's Waterdown to Finch Pipeline Project.

Feel free to call me if you have any questions.

Best Regards,

Matt Scoular, M.E.S., MCIP, RPP  
Project Manager / Senior Consultant

### **ERM**

120 Adelaide Street West | 20<sup>th</sup> Floor | Suite 2020  
Toronto, ON | Canada | M5H 1T1

T +1 416 646 3608; M +1 416 567 7126

E [matthew.scoular@erm.com](mailto:matthew.scoular@erm.com) | W [www.erm.com](http://www.erm.com)





**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Patrick Grace  
Director, Lands Transactions, Hydro Corridor & Public Works  
Infrastructure Ontario  
Suite 2000, 1 Dundas Street West  
Toronto, Ontario  
M5G 1Z3

Dear Mr. Grace,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63-kilometres of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

The Waterdown to Finch Project is proactively replacing a segment of pipeline to deliver continued safety and reliability. The existing pipeline will continue to operate until the project is complete.

Environmental and cultural assessments will start in the spring of 2018. Subject to provincial regulatory review and receipt of all permits, Imperial anticipates construction to begin in 2019.

Most replacement work will take place in close vicinity to the existing pipeline. Imperial representatives will also be communicating with landowners where proposed activities may be taking place in the coming weeks. Over the duration of the project, we will work collaboratively and communicate proactively to minimize construction impacts.

**Please accept this letter as a formal notification of Imperial's Waterdown to Finch Project. Imperial would like to schedule a meeting to discuss the Waterdown to Finch Project, share information and answer questions.** If you would like to learn more about the Waterdown to Finch Project, please contact us at [questions@imperialon.ca](mailto:questions@imperialon.ca) or leave a message at 416-586-1915.

In addition to the project brochure and meeting offer, you can also visit our project website at [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch) for an overview of the proposed replacement work, including project facts, work schedule, construction practices and community engagement efforts.

We look forward to connecting.

Sincerely,

Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Paul Martin  
Supervisor, Air, Pesticides and Environmental Planning  
Ministry of the Environment and Climate Change  
9<sup>th</sup> Floor, 5775 Yonge Street  
Toronto, Ontario  
M2M 4J1

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In addition to the project brochure and meeting offer, you can also visit our project website at [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch) for an overview of the proposed replacement work, including project facts, work schedule, construction practices and community engagement efforts.

We look forward to connecting.

Sincerely,

Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Joseph Vecchiolla  
Policy Lead  
Ministry of Infrastructure (formerly 'Ministry of Economic Development, Employment and Infrastructure')  
4<sup>th</sup> Floor, Suite 425, 777 Bay Street  
Toronto, Ontario  
M5G 2E5

Dear Mr. Vecchiolla,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63-kilometres of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

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Safety Security Health and Environment, Imperial Oil Limited



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Ross Lashbrook  
Manager, Community Planning and Development (East)  
Ministry of Municipal Affairs and Housing  
13<sup>th</sup> Floor, 777 Bay Street  
Toronto, Ontario  
M5G 2E5

Dear Mr. Lashbrook,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

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Sincerely,

Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Sally Renwick  
Team Lead  
Ministry of Natural Resources and Forestry  
3rd Floor S, 300 Water Street  
Peterborough, Ontario  
K9J 8M5

Dear Ms. Renwick,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

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Sincerely,

Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Shereen Smithanik  
Senior Policy Advisor  
Indigenous Energy Policy  
Ministry of Energy  
6<sup>th</sup> Floor, 77 Grenville Street  
Toronto, Ontario  
M7A 1B3

Dear Ms. Smithanik,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

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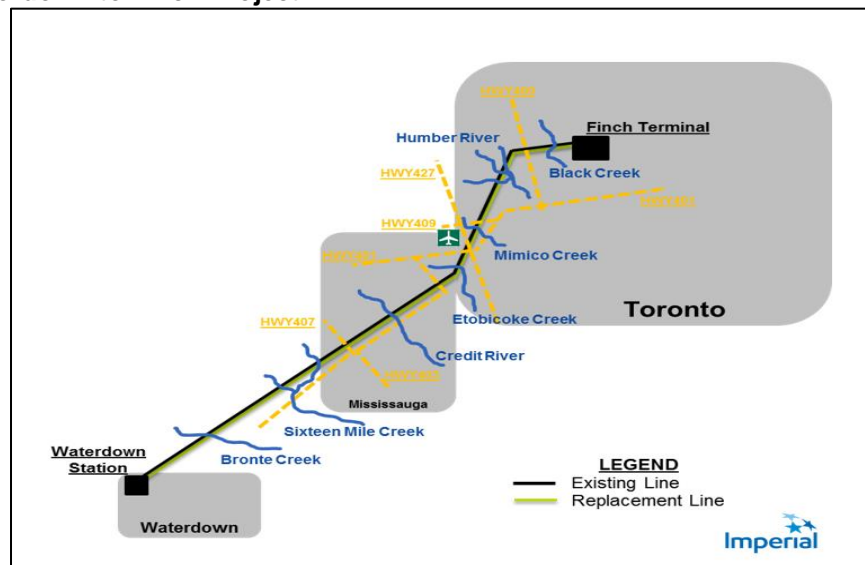
Environmental and cultural assessments will start in the spring of 2018. Subject to provincial regulatory review and receipt of all permits, Imperial anticipates construction to begin in 2019.

Most replacement work will take place in close vicinity to the existing pipeline. In the coming weeks, Imperial representatives or designates will be directly contacting Indigenous groups and landowners to schedule a meeting. Over the duration of the Project, we will work collaboratively and communicate proactively to minimize construction impacts.

The Project will require an application to the Ontario Energy Board (OEB) for Leave to Construct under subsection 90(1) of the *Ontario Energy Board Act*, in addition to other federal, provincial and municipal regulatory requirements. Imperial will work with the OEB, the members of the Ontario Pipeline Coordinating Committee, and other regulators to comply with all applicable law, regulation and associated approval and permit requirements.

**Please accept this letter as a formal notification of Imperial's Waterdown to Finch Project.** In accordance with the Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition, 2016 (the Guidelines) issued by the OEB, Imperial requests that the Ministry determine if a duty to consult obligation is required for the Project. Figure 1 provides the general location of the Project.

**Figure 1: Waterdown to Finch Project**



Consistent with Imperial's commitment to establishing cooperative relationships based on mutual respect and early communications, the following Indigenous groups have been identified for engagement on the basis that they may have interests or may have constitutionally protected Aboriginal or treaty rights.

**Table 1: Indigenous and Métis Groups**

Mississaugas of the New Credit First Nation	2789 Mississauga Road R.R. #6 Hagersville, ON N0A 1H0
Six Nations of the Grand River	PO Box 5000, Ohsweken, ON N0A 1M0
Huron Wendat Nation	255, place Chef Michel Laveau Wendake, QC G0A 4V0
Métis Nation of Ontario	Lands, Resources and Consultation 75 Sherbourne Street, Suite 311 Toronto, ON M5A 2P9

As you are aware, the duty to consult Indigenous peoples rests with the Crown, so this letter seeks the Ministry's direction, in accordance to the Guidelines, on whether procedural aspects of consultation will be delegated to Imperial and seeks the Ministry's direction on the identification of Indigenous communities to be engaged.

In addition, you can also visit our project website at [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch) for an overview of the proposed replacement work, including project facts, work schedule, construction methods, community engagement efforts and our full project brochure.

Should you have questions, I would be pleased to discuss this further with you.

Sincerely,

Christopher Plain  
Indigenous Relations Lead – Ontario Region  
Imperial Oil Limited

c.c.: Serge Imbrogno, Deputy Minister of Energy  
Jessie Malone, Environmental and Regulatory Advisor, Imperial Oil Limited



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Karla Barboza  
Team Lead, Heritage Program Unit  
Ministry of Tourism, Culture, Sport  
401 Bay Street  
Toronto, Ontario  
M7A 0A7

Dear Ms. Barboza,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

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We look forward to connecting.

Sincerely,

Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited

c.c.: James Hamilton



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Tony Difabio  
Team Lead, Highway Corridor Management Section  
Ministry of Transportation  
2nd Floor, 301 St. Paul Street  
St. Catharines, Ontario  
L2R 7R4

Dear Mr. Difabio,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

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Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited



**Waterdown to Finch General Inquiries**  
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416.586.1915

May 22, 2018

Zora Crnojacki  
Project Advisor, Natural Gas and Electricity Infrastructure & OPCC Chair  
Ontario Energy Board  
27<sup>th</sup> Floor, 2300 Yonge Street  
Toronto, Ontario  
M2N 6A5

Dear Ms. Crnojacki,

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Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Linda Pim  
Policy Advisor  
Ministry of Agriculture, Food, Rural Affairs  
1 Stone Road West  
Guelph, Ontario  
N1G 4Y2

Dear Ms. Pim,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

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Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited



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[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Kourosh Manouchehri  
Engineer  
Technical Standards and Safety Authority  
14<sup>th</sup> Floor, 3300 Bloor Street West  
Toronto, Ontario  
M8X 2X4

Dear Mr. Manouchehri,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

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Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited

**Imperial**  
**Waterdown to Finch Pipeline Project**  
**June 28, 2018**  
**Introductory Meeting with MTCS**  
**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

**MTCS**

- John Dunlop, Archaeology Review Officer (JD)
- Laura Hatcher, Heritage Planner (LH)

**Imperial**

- Jessie Malone (JM)

**ERM**

- Curtis Campbell (CC)
- Jim Chan (JC)
- Daniel Walker (DW) - teleconference

**Past Recovery**

- Brenda Kennett (BK)
- Jessalyn Miller (JRM) - teleconference

**Meeting Objectives**

**Primary Objectives:**

- Introduction to Imperial's Waterdown to Finch Project
- Confirm MTCS archaeology requirements
- Discuss OEB leave to construct application regulatory permitting
- Discuss cultural studies

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• MTCS office, 401 Bay St, 17th Floor, Cloud Garden Boardroom</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Meeting to introduce the Project and confirm MTCS archaeology requirements.</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial: Powerpoint presentation to MTCS June 28, 2018</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>• Imperial (JM) thanked everyone for making time to attend the meeting. We wanted to take the time to introduce the Project and discuss archaeology planning.</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• JM provided a safety moment to open the meeting. When driving to a destination that is unfamiliar, it is a useful pre-planning step to review a map of the location instead of solely relying on following the GPS coordinates.</li> </ul>
Project Overview	<ul style="list-style-type: none"> <li>• We wanted to provide MTCS with a Project overview.</li> <li>• JM indicated that Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.</li> <li>• SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA)</li> </ul>

	<ul style="list-style-type: none"> <li>• SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline and diesel that keeps people, goods and services moving.</li> <li>• SPPL has operated safely in the region for many years. It has been in operation since the 1950s. The line is ~65 years old and as a proactive measure, Imperial is planning to replace approximately 63 km of the 12" line with 12" new pipe. The pipeline will continue to operate safely until the replacement segments are prepared for operation. The existing line will be cleaned, tested and deactivated in- place.</li> <li>• Imperial has initiated discussions with the Ontario Energy Board (OEB). The major regulatory process will be the filing of the leave to construct application with the OEB.</li> <li>• Imperial has kicked off engagement with regulators, landowners and Indigenous communities. At the same time, we have initiated the engineering design process. As a result of our early engagement, we look to incorporate feedback into the project design process.</li> <li>• We have started environmental field surveys in order to ensure we capture the field work during the seasonal windows. Field work is planned for summer and fall. Archaeology field work is timed for the summer.</li> <li>• We are planning Community Information Sessions in July and November to inform the public and provide opportunities for feedback. The purpose of the Info Sessions is to 1) to introduce the project; 2) to receive feedback to incorporate into the project design.</li> <li>• Overview of timelines (as described in the PowerPoint presentation), Spring 2018 project launch; Summer/Fall 2018 Community Information Sessions; Winter/Spring 2019 submission to OEB; Summer 2019 engineering design complete; Late Fall 2019 pre-construction communication. 2020 is the potential start date.</li> </ul>
Archaeological Assessment	<ul style="list-style-type: none"> <li>• Past Recovery (BK) provided an overview of the archaeological assessment planning. Draft Stage 1 report for the corridor is nearly complete and needs a final review. We are planning to provide to Indigenous communities for review and comment and planning to submit results of the Stage 1 report to MTCS.</li> <li>• BK confirmed that the western part of the corridor is mainly rural and the eastern part is more industrial/commercial/residential. ~2/3 of the corridor is on the existing Hydro One (HONI) corridor.</li> <li>• BK confirmed that through the Stage 1 review much of the study corridor contains archaeological potential for both pre-Contact and post-Contact archaeological resources.</li> <li>• BK confirmed that sections exhibiting areas of extensive subsurface disturbance and therefore no longer hold potential were identified in Stage 1.</li> <li>• BK confirmed that some sections have been subject to previous archaeological assessments that have cleared these areas of archaeological concerns.</li> <li>• ERM (CC) added that the Project would stay mainly within the existing pipeline corridor and HONI easement, which has other sub-surface utilities and has already been partially disturbed.</li> <li>• BK confirmed that 11 registered archaeological sites were identified within, or in close proximity, to the project area including the Parsons site (AkGv-8);</li> </ul>

	<ul style="list-style-type: none"> <li>• BK stated that lands associated with the Niagara Escarpment and 15 major river crossings are considered to have a high potential for Indigenous archaeological sites;</li> <li>• The Credit River Valley, a designated cultural landscape;</li> <li>• BK stated that historical mapping between 1858 and 1878 indicates historical settlements and associated features, including farmsteads, houses, churches, blacksmith shops, schoolhouses, Orange Halls and mills.</li> <li>• BK confirmed that a small number of pioneer cemeteries were noted on lots associated with the corridor, but for which no detailed locational information appears to exist. Imperial (JM) noted that there are two proposed types of construction methods to minimize impacts, open cut construction and trenchless Horizontal Direction Drilling (HDD).</li> <li>• JM indicated that at a high level, HDD is planned for ~1/3 of the line. Construction method will be informed by geotechnical information and environmental considerations. Imperial will look to avoid major watercourses, major road crossings, and important archaeological features by using directional drilling as much as possible.</li> </ul>
Indigenous	<ul style="list-style-type: none"> <li>• ERM (CC) indicated that communities with an interest in the project area are anticipated to include the following. Imperial is reaching out to all three communities for participation in archaeology program. <ul style="list-style-type: none"> <li>◦ Mississaugas of the New Credit</li> <li>◦ Six Nations of the Grand River</li> <li>◦ Huron-Wendat (archaeology to be discussed)</li> </ul> </li> <li>• CC confirmed that all three communities will have an opportunity to review and comment on the Stage 1 assessment. CC commented on possibility of submitting a draft Stage 1 report to MTCS for reference in advance of FN review completion, pending timeline.</li> <li>• MTCS indicated there is flexibility on submission of the Stage 1 in advance of FN review, however if this is the preferred approach then Imperial should incorporate a report on the consultation/engagement planning.</li> <li>• Team confirmed that Indigenous monitors will be included in the Stage 2 Archaeological fieldwork.</li> <li>• MTCS recommended that we engage with HDI. HCCC is the traditional government for the HDI. HDI has experience in field monitoring and will be expecting to provide FLRs for the archaeology scope.</li> <li>• MTCS recommends presenting all distinct Indigenous community narratives into the Consultation Report.</li> </ul>
Archaeological Assessment	<ul style="list-style-type: none"> <li>• Past Recovery (BK) discussed the proposed Archaeology Stage 2 method and timeline - will likely start in mid to late July. BK discussed project mitigations. Proposal is to do trenchless HDD boring beneath the Parsons site (AkGv-8) to reduce impacts. Imperial recognizes that Huron-Wendat have interest in the site as well.</li> <li>• MTCS recommended HDD drilling of the Parsons site to avoid the archaeological area. MTCS is able to work collaboratively to provide advice on depth requirements after the geotechnical assessment.</li> </ul>

	<ul style="list-style-type: none"> <li>• Trenchless HDD boring at major river crossing will help mitigate impacts to potential archaeological sites.</li> <li>• BK noted that the proposed Stage 2 methodology and plan is comprehensive. Assessment of all areas of archaeological potential that will be subject to open cut trenching within the corridor through shovel testing at 5 m intervals or field ploughing and surveying.</li> <li>• MTCS acknowledged that strict adherence to the 5 m grid may not be feasible given other pipelines in corridor. Will work with Imperial and Past Recovery to adjust interval as required.</li> <li>• MTCS confirmed that ploughing on pasture will not be required. Test pitting only.</li> <li>• MTCS will advise on a case by case basis when a farmer refuses to plow. Imperial will need to provide evidence of communication and area will still need to be assessed by test pit.</li> <li>• MTCS confirmed that a letter from the MOECC confirming restricted areas (i.e. environmentally sensitive areas) is acceptable and this area will not require a MTCS archaeology field assessment. MTCS recognizes that this may be confidential information. If proof of engineered golf courses, soccer fields is provided, MTCS confirmed that test pitting may not be required.</li> <li>• MTCS suggested submitting 6 Project Information Forms (PIFs), one for each municipality, for Stage 2 to make reviewing easier.</li> <li>• MTCS acknowledged that TRCA may want to conduct their own archaeological assessment on their lands. They would submit their own PIF. JM confirmed that Imperial has engaged TRCA.</li> <li>• MTCS recommended archaeological surveys along HDD sections including to the top of the bank for drilling under watercourses.</li> <li>• MTCS advised having a soils engineer review geotech results ensure that the proposed HDD path does not slump and create a sinkhole.</li> <li>• For HDD construction, MTCS requested that the project step back far enough for the HDD to avoid the archaeology potential. The depth, step back, angle for construction will be determined as a result of the geotechnical investigation. MTCS should be engaged further to understand set back requirements.</li> <li>•</li> </ul>
Archaeology Assessment related to Geotechnical Program	<ul style="list-style-type: none"> <li>• ERM (CC) noted that trenchless HDD design methods require geotechnical assessment. Geotechnical assessment would like to start in summer. Part of the discussion today is to understand MTCS's expectation for archaeological assessment for the geotechnical program .</li> <li>• MTCS confirmed Imperial's proposed approach for two boreholes in proximity to the Parsons site: boreholes will be preceded by a 1 x 1 m unit at each borehole location. CC confirmed that tracked, geotech drilling rigs will be used for any borehole locations that require off-road access.</li> <li>• MTCS noted that access with this equipment to the Parsons site and other sites does not require assessment in advance of geotechnical assessment. MTCS advised that outside of known sites, (i.e. Parsons site), if existing conditions are conducive, a visual assessment</li> </ul>

	<p>can be conducted on ploughed land. For non-agricultural lands (or agricultural lands that have not yet been ploughed) test pit will be dug at exact location of proposed borehole to determine presence or absence of archaeological materials or features. The number and alignment of the test pit(s) will be determined at each location.</p> <ul style="list-style-type: none"> <li>• MTCS does not expect immediate communication in the field. Positive test results can be mitigated onsite by avoidance. Protocol and findings will be reported in the Stage 2 report.</li> <li>•</li> <li>•</li> <li>• MTCS (LH) advised conducting a screening checklist assessment in advance of cultural heritage assessment. MTCS has sent the screening checklist assessment to ERM (DW). Stage 1 has included a review of the principal cultural heritage features associated with the corridor. A summary of the checklist can be sent to MTCS for review, but they will not issue clearance.</li> </ul>
Regulatory Overview	<ul style="list-style-type: none"> <li>• ERM (CC) indicated that we have met with the Conservation Authorities in the area. We are also informing the Ontario Pipeline Coordination Committee regulatory members.</li> <li>• MTCS request to add JD and LH to the distribution list of mailings for OPCC.</li> <li>• Potential environmental permitting includes: <ul style="list-style-type: none"> <li>Federal <ul style="list-style-type: none"> <li>○ DFO: Self-assessment</li> <li>○ TC: <i>Navigation Protection Act</i> screening</li> </ul> </li> <li>Provincial <ul style="list-style-type: none"> <li>○ OEB: Leave to Construct, Environmental Report</li> <li>○ IO: Public Works Class EA (potential)</li> <li>○ MNRF: Species at Risk permitting (potential)</li> <li>○ MOECC: Water Taking Permit (potential)</li> <li>○ MTCS: Stage 2 Archaeology and Cultural Heritage Evaluation</li> </ul> </li> <li>Regional/Municipal <ul style="list-style-type: none"> <li>○ Conservation Authorities: Development, Interference with Wetlands and Alterations to Shorelines and Watercourses</li> <li>○ NEC: Development Permit</li> <li>○ Municipalities: Tree damage/removal permits</li> </ul> </li> </ul> </li> </ul>
<b>Summary of Actions</b>	
<ul style="list-style-type: none"> <li>• Add JD and LH, MTCS to the distribution list of the OPCC</li> <li>•</li> </ul>	JC
A summary of the screening level checklist assessment for cultural heritage assessment to be submitted to MTCS in advance of geotech program.	DW

Potential topics to record for Isometrix reporting:

- |  |   |
|--|---|
| <input type="checkbox"/> Accidents and Malfunctions                                | <input type="checkbox"/> Aquatic Resources and species  |
| <input type="checkbox"/> Air Emissions and Noise                                   | <input checked="" type="checkbox"/> Archaeology         |
| <input type="checkbox"/> Alternatives  | <input type="checkbox"/> Community Contribution Request |
| <input checked="" type="checkbox"/> Cultural Heritage Resources                    | <input type="checkbox"/> Groundwater                    |
| <input type="checkbox"/> Emergency Response  | <input checked="" type="checkbox"/> Operational Issue   |
| <input checked="" type="checkbox"/> Excavation/Damage Prevention/Pipeline Location |   |
| <input type="checkbox"/> Right-of-Way/Access Agreement                             | <input type="checkbox"/> Traditional use                |
| <input type="checkbox"/> Safety, Health and Environment                            | <input type="checkbox"/> Vegetation                     |
| <input type="checkbox"/> Socioeconomic (labour, economy, social)                   | <input type="checkbox"/> Wetlands                       |
|  | <input type="checkbox"/> Wildlife and Habitat           |



Imperial's Sarnia Products Pipeline

# Waterdown to Finch Project

June 2018



# Agenda

- Safety moment
- Sarnia Products Pipeline
- Project overview
- Timeline
- Archaeology Stage 1 Results
- Indigenous Engagement
- Planned Stage 2 Methods
- Geotechnical Assessment
- Minimizing construction impacts
- Regulatory approvals and permitting
- Environmental surveys
- Community engagement
- Imperial in Ontario
- Q&A



# Safety moment

# Imperial's Sarnia Products Pipeline

- Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area
- SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA)
  - SPPL supplies a significant portion of product used at Toronto Pearson International Airport, and gasoline and diesel that keeps people, goods and services moving
- SPPL has operated safely in the region for many years

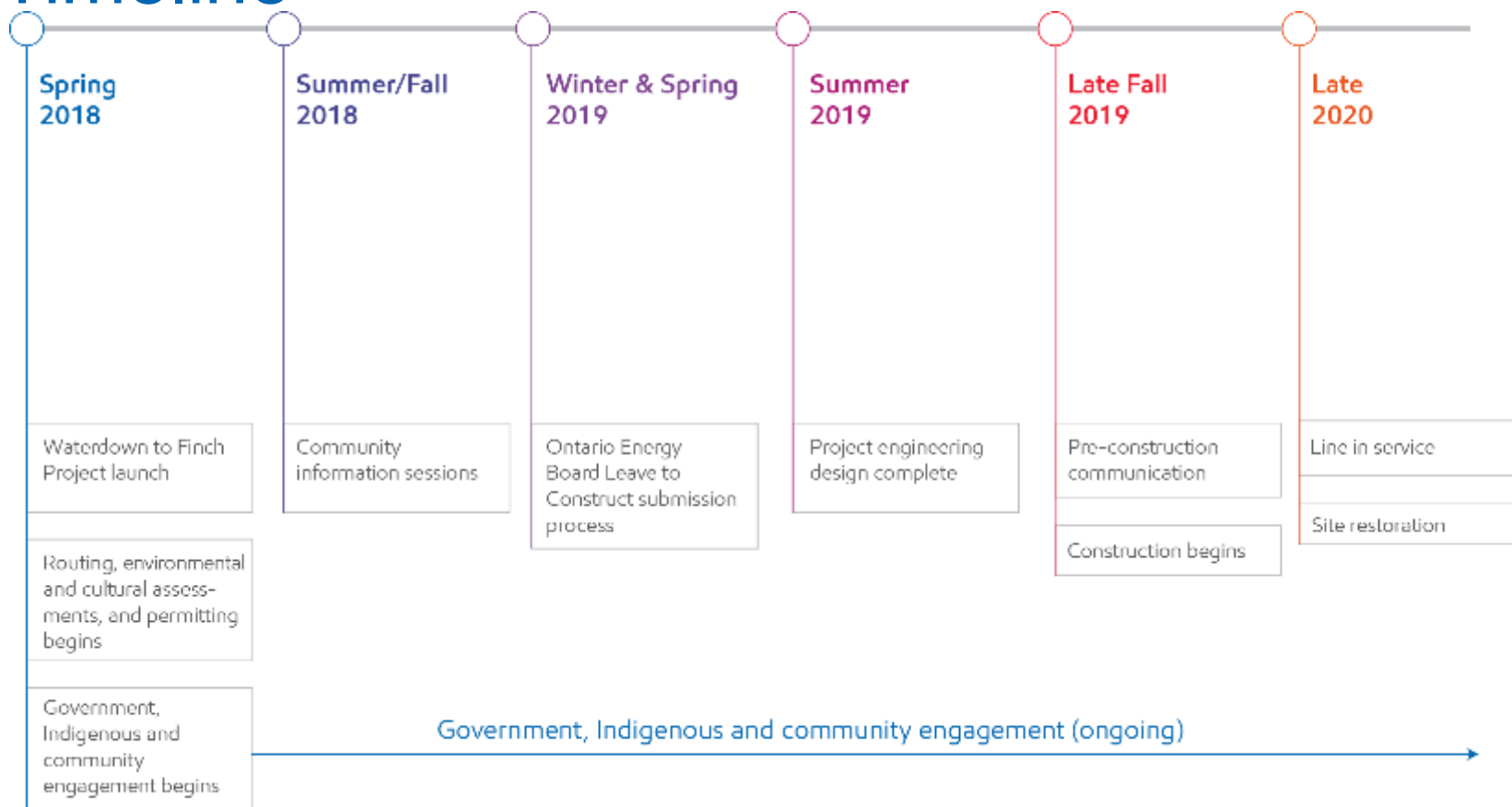


## Continued safety and reliability for the GTHA

- Imperial is planning to replace approximately 63 km of the line with new pipe
- The pipeline will continue to operate safely until the replacement segments are prepared for operation
- Imperial will apply for a Leave to Construct from the Ontario Energy Board, which includes an assessment of environmental effects and engagement with landowners, communities and Indigenous groups
  - Imperial will respect landowners' property and will seek to minimize disruptions
  - Imperial recognizes the importance of collaboration with Indigenous groups, municipalities and other community stakeholders



# Timeline\*



6 \* Subject to regulatory and permitting approvals

# Preliminary Archaeological Stage 1 Results

## Archaeological Potential

- Much of the study corridor contains archaeological potential for both pre-Contact and post-Contact archaeological resources
- Sections of the corridor exhibit areas of extensive subsurface disturbance and therefore no longer hold potential
- Some sections have been subject to previous archaeological assessments that have cleared these areas of archaeological concerns



# Preliminary Archaeological Stage 1 Results

## Archaeological Concerns

- 11 registered archaeological sites were identified within, or in close proximity, to the project area including the Parsons site (AkGv-8)
- Lands associated with the Niagara Escarpment and 15 major river crossings are considered to have a high potential for Indigenous archaeological sites
- The Credit River Valley, a designated cultural landscape
- Historical mapping between 1858 and 1878 indicates historical settlements and associated features, including farmsteads, houses, churches, blacksmith shops, schoolhouses, Orange Halls and mills
- A small number of pioneer cemeteries were noted on lots associated with the corridor, but for which no detailed locational information appears to exist



# Proposed Archaeological Stage 2 Methods

## Project Impact Mitigations

- Trenchless HDD boring beneath the Parsons site (AkGv-8) to reduce impacts
- Trenchless HDD boring at major river crossing
- Assessment of all areas of archaeological potential that will be subject open cut trenching within the corridor through shovel testing at 5 m intervals or field ploughing and survey

## Factors Limiting Archaeological Potential

- Visible disturbance down to subsoils (described in Stage 1)
- Soil disturbances associated with the placement of previous utilities
- Areas of previous archaeological assessments and cleared of further archaeological concerns;
- Permanently wet areas



# Indigenous Engagement

## Indigenous Engagement

- Communities with an interest in the project area are anticipated to include the following:
  - Mississaugas of the New Credit
  - Six Nations of the Grand River
  - Huron-Wendat
- Communities will have an opportunity to review and comment on the Stage 1 assessment
- Indigenous monitors will be included in the Stage 2 Archaeological fieldwork



# Geotechnical Assessment

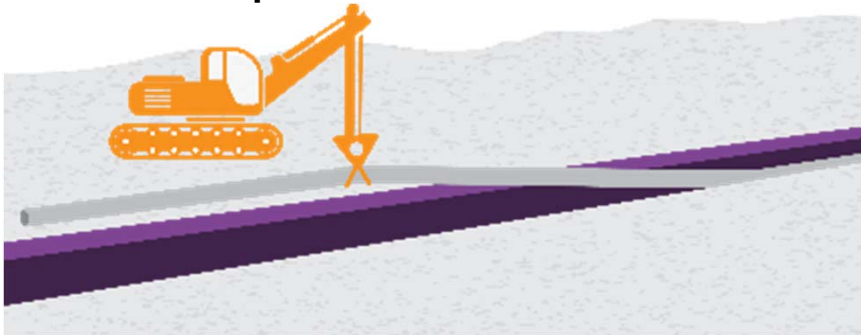
- ~140 geotechnical bore hole locations within existing utility corridor
  - ~97 are located within areas of archaeological potential
- Existing infrastructure will be used as much as possible for access (e.g., roads, driveways, paths, etc.)
- No soil stripping
- Equipment:
  - Low ground pressure wide track or tired rigs (hollow stem auger)
  - Tired support vehicle
- Drilling scheduled July to September 2018



# Minimizing construction impacts

- Imperial will work with landowners, permitting authorities and different levels of government so construction impacts are as limited as possible
- Engineers and environmental surveyors work together to develop the pipeline route that minimizes impact to the environmental and community
- Deactivated pipe will be removed from service, cleaned, filled with nitrogen and left in place to reduce environmental impacts
- Based on engineering and environmental surveys, Imperial will perform one of two construction techniques:

**Open cut construction**



**Trenchless technology**



# Regulatory approvals and permitting

- In addition to landowner access and Indigenous collaboration, Imperial will require regulatory approval, permits or project information sharing from the following entities listed in alphabetical order

## Federal

- Environment and Climate Change Canada
- Fisheries and Oceans Canada
- Transport Canada

## Provincial

- Infrastructure Ontario
- Ontario Energy Board
- Ontario Ministry of Indigenous Relations and Reconciliation
- Ontario Ministry of Environment and Climate Change
- Ontario Ministry of Natural Resources and Forestry
- Ontario Ministry of Tourism, Culture and Sport

## Regional

- Conservation Halton
- Credit Valley Conservation Authority
- Hamilton Conservation Authority
- Niagara Escarpment Commission
- Toronto and Region Conservation Authority

## Municipalities (construction permitting)

- City of Burlington
- City of Hamilton
- City of Mississauga
- Town of Milton
- Town of Oakville
- City of Toronto

# Environmental Permitting

## Federal

- DFO: Self-assessment
- TC: *Navigation Protection Act* screening

## Provincial

- OEB: Leave to Construct, Environmental Report
- IO: Public Works Class EA (potential)
- MNRF: Species at Risk permitting (potential)
- MOECC: Water Taking Permit (potential)
- MTCS: Stage 2 Archaeology and Cultural Heritage Evaluation

## Regional/Municipal

- Conservation Authorities: Development, Interference with Wetlands and Alterations to Shorelines and Watercourses
- NEC: Development Permit
- Municipalities: Tree damage/removal permits



# Bio-Physical/Cultural Field Program

- Imperial engaged MNRF early in the planning process with respect to study scope and design
- Focus of bio-physical survey work is identification of Species at Risk and associated habitat

## Completed Studies

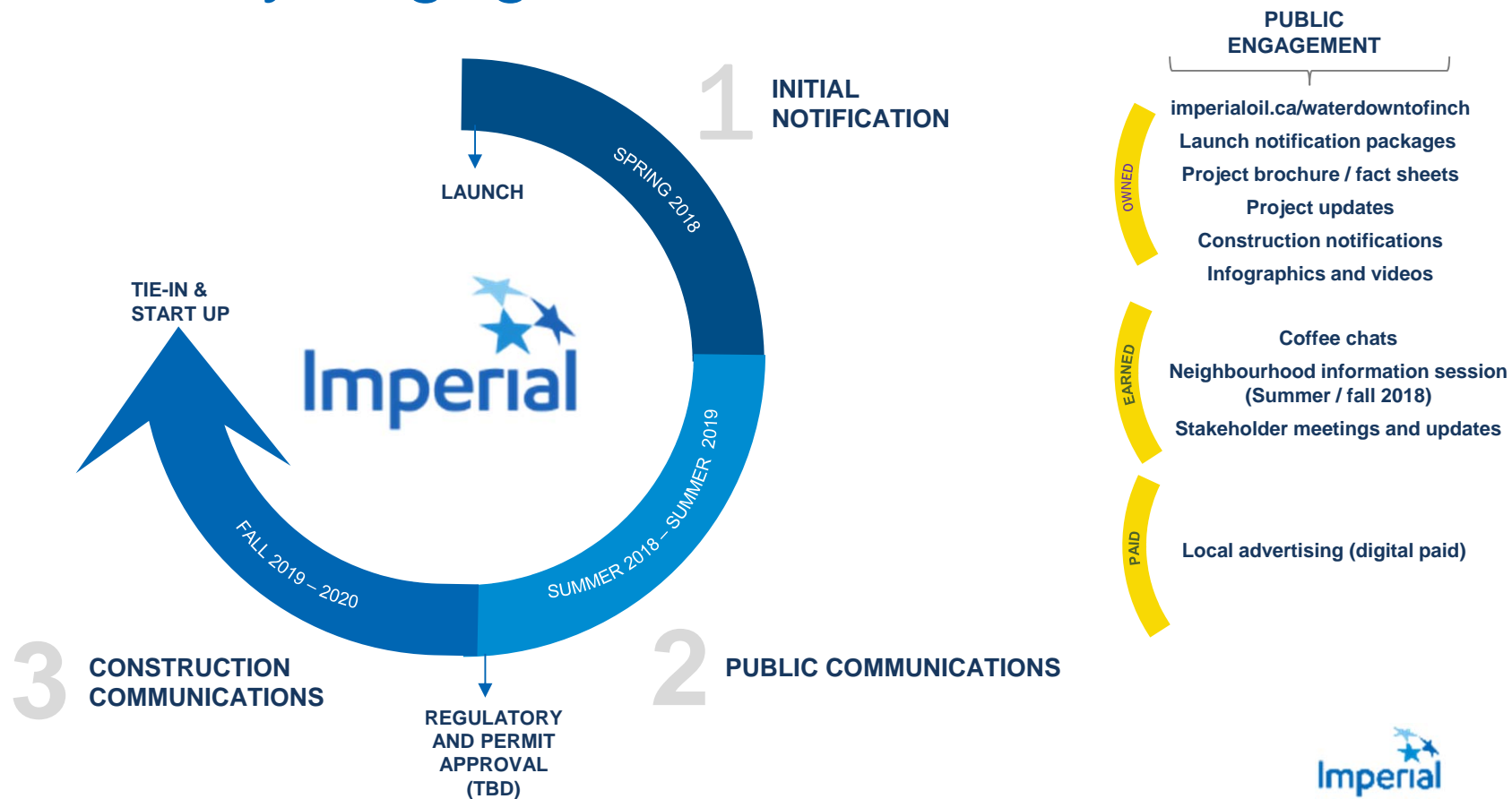
- Stage 1 archaeological assessment (awaiting First Nations review and comments)
- Jefferson salamander habitat and egg mass
- Reptile emergence (turtle, snake)
- Spring botanical survey and preliminary ELC mapping
- Breeding bird and wetland callback (ongoing)
- Bat habitat and acoustic monitoring (ongoing)

## Upcoming Studies

- Summer/Fall botanical survey and final ELC mapping
- Fisheries barrier and habitat assessment
- Stage 2 archaeological assessment
- Cultural heritage - existing conditions survey



# Community engagement



# Imperial in Ontario

## Founded in Ontario:

- Canada's largest refiner of petroleum products
- 130 years of providing reliable and affordable products

## Supporting Ontario households:

- Employs approximately 1,200 employees and up to 3,500 contractors a day

## Major capital projects:

- \$750 million in capital investments at Sarnia and Nanticoke refineries in the last decade

## R&D in Ontario:

- Invested more than \$300 million in research and development

## Imperial's Contributions in Ontario (2016)\*



\*Business Council of Canada 2016 Total Tax Contribution Survey

# Questions?

## For more information

W: [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)

T: 416.586.1915

E: [questions@imperialon.ca](mailto:questions@imperialon.ca)

**Ministry of the Environment  
and Climate Change**

**Deputy Minister**

77 Wellesley Street West  
11th Floor, Ferguson Block  
Toronto ON M7A 2T5  
Tel.: 416 314-6753  
Fax: 416 314-6791

**Ministère de l'Environnement  
et de l'Action en matière de  
changement climatique**

**Sous-ministre**

77, rue Wellesley Ouest  
11<sup>e</sup> étage, édifice Ferguson  
Toronto ON M7A 2T5  
Tél.: 416 314-6753  
Télec.: 416 314-6791

**JUN 28 2018**

**ENV1173DC-2018-59**

**George Vincent  
Senior Regulatory Affairs Advisor  
Policy and Advocacy, Commercial and Corporate Development  
Imperial Oil Limited  
100 5th Concession East  
Waterdown ON L0R 2H1**

**Dear George Vincent:**

Thank you for your letter of May 22, 2018 about Imperial Oil Limited's proposed Waterdown to Finch Project to replace 63 kilometres of pipeline from Hamilton to Toronto's North York area.

The replacement of pipelines may require provincial environmental permission such as Permits to Take Water, Environmental Compliance Approvals, and/or an Environmental Activity Sector Registry for supporting infrastructure and construction activities.

Should you want to discuss details related to environmental permissions, ministry staff would be pleased to meet with you. Please contact Eugene Macchione, Director of the ministry's Client Services and Permissions Branch, at 416-314-8171 or by email at [Eugene.Macchione@ontario.ca](mailto:Eugene.Macchione@ontario.ca) to set up a convenient time.

Thank you, again, for sharing information about the Waterdown to Finch Project with me.

Sincerely,



**Paul Evans  
Deputy Minister**

c: Eugene Macchione  
Director  
Client Services and Permissions Branch



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**July 5, 2018**  
**Teleconference Call Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA)*

- Jackie Van de Valk (JV), Rural Planner, Land Use Policy and Stewardship

*Imperial*

- Jessie Malone (JM), Environmental and Regulatory Advisor
- Ron Tourigny (RT), Right of Way and Claims Coordinator

*ERM*

- Jim Chan (JC), Senior Consultant

**Meeting Objectives**

- Introduction to Imperial's Waterdown to Finch Project
- Explain Imperial's land matters consultation process
- Provide information on the upcoming Community Information Sessions
- Discussion

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Teleconference call</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Introduction to Imperial's Waterdown to Finch Project</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• None</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>• Participants introduced themselves.</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• Imperial (RT) thanked everyone for participating on the call and started the meeting with a safety moment.</li> <li>• RT explained that Imperial has a comprehensive pipeline safety process. Imperials uses a specialized inline inspection tool called Smart Pigs that confirm both internal and external characteristics of the pipeline. The Smart Pigs can determine changes in line pressure, gouges, dents and corrosion and is a key part of regular maintenance to provide safe and reliable operations.</li> </ul>
Overview	<ul style="list-style-type: none"> <li>• Imperial (RT) indicated that Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.</li> <li>• SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA).</li> <li>• SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline and diesel that keeps people, goods and services moving.</li> <li>• SPPL has operated safely in the region for many years. It has been in operation since the 1950s. The line is ~65 years old and due to its age, as a proactive measure,</li> </ul>

Topic	Discussion
	<p>Imperial is planning to replace approximately 63 km of the 12" line with 12" new pipe. The pipeline will continue to operate safely until the replacement segments are prepared for operation.</p> <ul style="list-style-type: none"> <li>• Overview of timelines: Spring 2018 project launch, routing, environmental and cultural studies; Summer/Fall 2018 Community Information Sessions in 6 municipalities; Winter/Spring 2019 submission to OEB; Summer 2019 engineering design complete; Late Fall 2019 pre-construction communication. 2020 is the potential in-service start date.</li> <li>• Imperial (JM) provided an explanation on the two types of installation methods. <ul style="list-style-type: none"> <li>○ Trenchless technology, e.g., horizontal directional drill (HDD) is a method of installing underground pipe using a drilling rig at the surface level. It is best used at sensitive areas, or in dense residential or commercial areas, major watercourse crossings, etc.</li> <li>○ Open cut construction is a method of pipeline installation. Pipe will be lowered into a trench and covered for protection. We are conducting geotechnical, environmental, and archaeology surveys to help determine the appropriate design consideration for open cut and HDD installation methods.</li> </ul> </li> <li>• Notionally, about 1/3 will be drilled as a measure to avoid sensitive areas and congestion in the Toronto area.</li> </ul>
Regulatory Approval and Consultation	<ul style="list-style-type: none"> <li>• Imperial (JM) explained the regulatory approvals and environmental field surveys.</li> <li>• Imperial has initiated discussions with regulators, landowners and Indigenous communities. At the same time, we have initiated the engineering design process. The purpose of early engagement is to incorporate feedback from stakeholders and communities into the project design process.</li> <li>• The major regulatory process will be the filing of the leave to construct application with the Ontario Energy Board (OEB). In support of the leave to construct application, we will be submitting an Environmental Report, which will include public, agency and Indigenous consultation records.</li> <li>• We have started environmental field surveys in order to ensure we capture the field work during the seasonal windows. Field work is planned for summer and fall 2018 (including birds, bats, wildlife (reptiles), wetlands). Archaeology field work is timed for the summer 2018.</li> <li>• JM explained that another regulatory requirement will be the fulfillment of the Infrastructure Ontario Class EA. The west end of the Project is currently on Imperial owned easement through agricultural lands. From approximately Mississauga to the east, this portion of the line is on the Hydro One (HONI) easement corridor. For this portion on Hydro One's easement corridor, it will require an assessment in accordance to the Infrastructure Ontario Class EA.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>• JM explained that as part of the planning process, Imperial will combine the information needs of both and provide one body of documentation to meet requirements.</li> <li>• JM indicated that Imperial will also be applying in parallel for federal and municipal permitting requirements.</li> <li>• JM noted that we have met with the Conservation Authorities (Hamilton, Halton, Credit Valley and Toronto Region) and we have met with the Niagara Escarpment Commission. JM noted that we will be applying to the Niagara Escarpment Commission for a Development Permit.</li> <li>• JM noted that Imperial has initiated all stakeholder engagement, political, municipal, landowners to introduce the Project and to provide opportunities to receive feedback.</li> <li>• JM noted that as part of our mailing notification process, we have informed all Ontario Pipeline Coordinating Committee (OPCC) members and are following-up with early outreach to OPCC members and Ministries to understand their interests and include input into the project design.</li> </ul>
Discussion Questions	<ul style="list-style-type: none"> <li>• OMAFRA (JVV) asked what the plan is for the existing pipeline.</li> <li>• Imperial (JM) responded that the existing pipeline will be kept operational to ensure reliability of supply to the GTHA. This is critical infrastructure and it is important that there is no interruption in supply.</li> <li>• JM responded that the new pipeline will be a replacement of the existing 12" for 12", like for like. The new pipeline will be installed in the existing easement corridor. Then, the old pipeline will be deactivated, clean it out, cut, capped and maintained with cathodic protection. It will be filled with inert gas to maintain pressure and monitored. Should there be pressure fluctuations in the line, this will be detected by the monitoring system.</li> <li>• OMAFRA (JVV) asked about upcoming Community Information Sessions.</li> <li>• Imperial (JM) explained that in accordance to direction from the OEB, we are planning two series of Community Information Sessions. The first will include 6 Information Sessions, one in each municipality, in July 2018. The purpose is to present information on the project and receive feedback.</li> <li>• The second series of sessions will be held in November 2018 timeframe and the purpose will be to describe how feedback has been incorporated and changes made to the Project.</li> <li>• OMAFRA (JVV) asked about engagement with landowners.</li> <li>• Imperial (RT) responded that we have a team, CanAcres, that is responsible for meeting with all landowners to understand their concerns. With respect to agricultural landowners, CanAcres will help to understand their crop usage and timing considerations. Imperial will enter into an easement or land interest agreement with the landowner.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>• OMAFRA (JVV) asked if there is sufficient room in the existing easement corridor.</li> <li>• Imperial (RT) explained that there is sufficient room in Imperial's existing corridor and in the HONI corridor for the Project.</li> <li>• OMAFRA (JVV) asked if all of the pipeline will be in the easement.</li> <li>• Imperial (RT) responded that this is the plan in advance of detailed designed, however, we may have adjustments along the alignment.</li> <li>• OMAFRA (JVV) asked where the setback applies from.</li> <li>• Imperial (RT) responded that this is usually from the boundaries of the easement. RT noted that the easement boundaries are not expected to change. Farmers/landowners will maintain the use of their land. Imperial will work with the farmers when maintenance is required. The pipeline will be placed at a depth that won't impact farming activities.</li> <li>• OMAFRA (JVV) asked what has been the approach to contact farmers.</li> <li>• Imperial (RT) explained that CanAcres will be contacting all landowners and setting up individual landowner meetings.</li> <li>• RT explained that should OMAFRA receive inquiries about the Project, this can be redirected to Imperial to respond.</li> <li>• OMAFRA (JVV) asked if temporary use outside of the easement is required.</li> <li>• Imperial (RT) responded that temporary workspace for construction will be required.</li> <li>• OMAFRA (JVV) asked what is the standard being applied for construction?</li> <li>• Imperial (RT) responded that we will take topsoil and separate it for fill replacement use. There are protocols to minimize construction impacts and we will be using CSA standards as well as Imperial's own constructions standards. Mitigation measures to minimize soil erosion will be addressed in the Environmental Report.</li> <li>• OMAFRA (JVV) indicated that a draft proposed agricultural impact assessment guideline is available on Ontario's e-Registry. This draft document will provide advice on agricultural impact assessment. OMAFRA's preference is to identify agricultural impacts separately.</li> <li>• Imperial (JM) responded that we will look at the draft guidelines and incorporate this into the Environmental Report, where applicable.</li> <li>• Imperial (JM) inquired if there are agriculture interest groups OMAFRA would recommend we include in the Project distribution list?</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>OMAFRA (JV) suggested the Ontario Federation of Agriculture, Christian Farmers Federation and the Municipal agricultural advisory committees may wish to be notified.</li> </ul>
Summary of Actions	Who
No further action items	

Potential topics to record for Isometrix reporting:

- |   |   |
|---|---|
| <input type="checkbox"/> Accidents and Malfunctions                     | <input type="checkbox"/> Aquatic Resources and species  |
| <input type="checkbox"/> Air Emissions and Noise                        | <input type="checkbox"/> Archaeology                    |
| <input type="checkbox"/> Alternatives                                   | <input type="checkbox"/> Community Contribution Request |
| <input type="checkbox"/> Cultural Heritage Resources                    | <input type="checkbox"/> Groundwater                    |
| <input type="checkbox"/> Emergency Response                             | <input checked="" type="checkbox"/> Operational Issue   |
| <input type="checkbox"/> Excavation/Damage Prevention/Pipeline Location |   |
| <input checked="" type="checkbox"/> Right-of-Way/ Access Agreement      | <input type="checkbox"/> Traditional use                |
| <input checked="" type="checkbox"/> Safety, Health and Environment      | <input type="checkbox"/> Vegetation                     |
| <input type="checkbox"/> Socioeconomic (labour, economy, social)        | <input type="checkbox"/> Wetlands                       |
|   | <input type="checkbox"/> Wildlife and Habitat           |

**Imperial**  
**Waterdown to Finch Pipeline Project**  
**July 17, 2018**  
**Ministry of Transportation – Technical Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Ministry of Transportation (MTO)*

- Tina Angelone, Real Estate Officer (TA)
- Christian Singh, Senior Project Manager (CS)
- Bernard O'Brien, Corridor Management Officer (BO)
- Wan Chi Ma, Senior Project Engineer, Planning & Design (WM)
- Sandro, Planning & Design
- Vlamir

*407 ETR*

- Dragan Mrkela, Engineering Technician – Highway Engineering Services (DM)

*ExxonMobil (EM)*

- Amir Taherivand, Consultant (AT)

*UniversalPegasus International (UPI)*

- David Bui, Senior Engineer I (DB)
- Hernan Castedo, Engineer III (HC)

*CanACRE (CA)*

- Haseeb Amirzada (HA)
- John Yu (JY)

*Stantec Consulting (SC)*

- Adam Hatch (AH)
- Jeremy Matthews (JM)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Project (the Project)
- Discuss Affected MTO Lands and Requirements
- Confirm MTO Corridor Management Section Permitting Requirements and Approvals
- Confirm MTO Property Section Requirements and Approvals
- Establish Point(s) of Contact for MTO

Topic	Discussion
Introductions	<ul style="list-style-type: none"> <li>• Participants introduced themselves.</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• JY started the meeting with a safety moment related to safe driving on provincial highways especially within construction zones.</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's (IOL) Sarnia Products Pipeline (SPPL) Waterdown to Finch Powerpoint presentation July 2018</li> <li>• Google Earth KMZ of project mapping</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>▪ Waterdown to Finch Project Overview (10 min)</li> <li>▪ Affected MTO Lands and Requirements (60 min)</li> <li>▪ Designated Lands (and Highway Crossings) – Corridor Management                             <ul style="list-style-type: none"> <li>○ Encroachment Permit</li> <li>○ Drawing Requirements</li> <li>○ Geotechnical &amp; Settlement Monitoring Requirements</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ Foundations</li> <li>▪ Building and Land Use Permit (BLUP)</li> <li>▪ Entrance Permits</li> <li>▪ Non-designate Lands – Property, if required               <ul style="list-style-type: none"> <li>○ Grant of Easement</li> <li>○ Legal Survey Requirements</li> </ul> </li> <li>▪ Point(s) of Contact (5 min)               <ul style="list-style-type: none"> <li>○ Corridor Management</li> <li>○ Property, if required</li> </ul> </li> <li>▪ Questions (10 min)</li> </ul>
Waterdown to Finch Project Overview	<ul style="list-style-type: none"> <li>• JY indicated that Imperial’s Sarnia Products Pipeline (SPPL) runs from Imperial’s Waterdown pump station in rural Hamilton to the company’s terminal storage facility in Toronto’s North York area.</li> <li>• SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA).</li> <li>• SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline, diesel and jet fuel that keeps people, goods and services moving.</li> <li>• SPPL has operated in the region for many years. Imperial is planning to replace approximately 63 km of the 12” line with new 12” pipe. The pipeline will continue to operate until the replacement segments are prepared for operation.</li> <li>• The current pipeline will be deactivated and removed from service. It will be cleaned, filled with nitrogen, maintained, monitored and left in place.</li> <li>• Overview of timelines: Spring 2018: project launch, routing, environmental and cultural studies; Summer/Fall 2018: Community Information Sessions in 6 municipalities; Winter/Spring 2019: LTC submission to OEB; Summer 2019: engineering design complete; Late Fall 2019: pre-construction communication. Late 2020 is the potential in-service start date.</li> <li>• JY provided an explanation on the two types of installation methods: Trenchless, including Horizontal Direction Drill (HDD), and Open cut.</li> <li>• CS asked if the pipeline is regulated by the National or Ontario Energy Boards (OEB). JY confirmed that the pipeline is regulated by the OEB.</li> <li>• DM asked about the size of the pipe, as well as whether the alignment of the pipeline may change in the future. DM also asked if the new pipeline will be closer to the provincial highways than the existing IOL pipeline. JY confirmed that the replacement pipeline will be 12 inches, and stated that the pipeline will stay parallel to the existing pipe, with some deviations. AT also explained that the vicinity of the existing pipeline will be the same for the new pipeline.</li> </ul>
Existing MTO projects	<ul style="list-style-type: none"> <li>• EM explained that construction will occur in phases to ensure that there are no conflicts with existing projects on MTO’s rights-of-way (ROW). IOL will do its best to conduct construction in stages while gathering input on schedules for other projects (e.g. Finch LRT, Highway 400/Finch Avenue, Highway 427) to avoid conflicts and find scheduling solutions.</li> </ul>

	<ul style="list-style-type: none"> <li>DM stated that IOL should reach out to Metrolinx regarding the Hurontario LRT. The Hurontario LRT is in its design stages, and is already in the bidding process. DM believes the project is slated to start construction in November of 2019 and it will be about 8 months so it would be best to avoid conflicts with that project. JY confirmed that the Project has been in touch with Metrolinx and has been working to schedule a meeting in the near future.</li> </ul>
Affected MTO Lands and Requirements	<p><u>Crossing #1</u></p> <ul style="list-style-type: none"> <li>Highway 407 Transitway is a future project occurring in this area. Construction schedule is still unknown.</li> <li>CA will apply for an encroachment permit from MTO which will also be subject to review and approval from 407 ETR. One permit will be needed for preliminary geotechnical surveys, and another separate permit will be required for the pipeline crossing itself.</li> <li>Once crossing drawings are circulated, a legal agreement may need to be established between 407 ETR and IOL. If Highway 407 needs to be widened in the future, costs for relocation will need to be accounted for. 407 ETR would also have to review to determine possible constraints for bridge widening at this location.</li> <li>BO stated that entry and exit pits should be outside of the Highway 407 corridor. As well, 407 ETR will not permit an open cut construction method.</li> <li>AT advised that there are extra boreholes proposed at this location which go beyond what IOL needs for the design of the pipeline but are needed to comply with MTO's Corridor Management Office guidelines.</li> </ul> <p><u>Crossing #2</u></p> <ul style="list-style-type: none"> <li>MTO staff asked if there are preferred alternative borehole locations at this crossing. AH indicated that the boreholes are very close to the centre of the pipeline to get as accurate a result as possible.</li> </ul> <p><u>Crossing #3</u></p> <ul style="list-style-type: none"> <li>MTO indicated that the angle of the crossing at the ramp may be an issue. CS asked what the depth the pipe would be at this crossing. HC responded that HDDs will be generally 30-40m deep.</li> </ul> <p><u>Crossing #4</u></p> <ul style="list-style-type: none"> <li>MTO indicated that concerns here are like those of Crossing #3.</li> </ul> <p><u>Crossing #5</u></p> <ul style="list-style-type: none"> <li>MTO advised that the GO transit stations by this crossing are owned by Metrolinx. UPI will need to request the foundational information from MTO at this crossing. The bridge at this location may be taken down when Metrolinx starts their project, and a new bridge structure may be built. MTO has minimum setback requirements from their pilons. A new bridge and possible ramp realignment will be of concern for this crossing.</li> </ul> <p><u>Crossing #6</u></p> <ul style="list-style-type: none"> <li>MTO advised that there are no physical conflicts between the abutment and the pipeline; however, if bridge is going to be replaced for example, MTO will need IOL's setback/clearance requirements up front and as soon as possible. Standard clauses</li> </ul>

would be included in permit/agreements to ensure MTO retains appropriate rights to their ROW.

#### Crossing #7

- AH stated that a lot of geotechnical work will be needed at this crossing but are hoping to reduce the amount. DB advised that there will be difficulty proceeding under the highway at the existing pipeline crossing as there is no room within the same tunnel. HDD method is therefore preferable here. DM would like to be provided with documents on idling the existing pipeline. AT stated that pipeline will be deactivated as per TSSA requirements and will continue to be monitored in perpetuity.
- MTO asked about the possibility of this existing segment of the pipeline being used here. AT responded that it will be difficult to maintain reliability as the existing pipeline was built in 1950s.
- MTO also asked if construction can be done in phases. IOL responded that constructing the new pipeline in sections can be looked into. The plan is to start at one end, and finish on the other. HDDs can be done in multiple crews at the same time, which means there is flexibility in construction schedules. However, as the construction will last a long period of time, it is not likely that construction will occur from one end to the other in a linear fashion. As there are MTO projects on going, this can be considered in the construction schedule with the potential contractor. HDD method will not affect any surfacing work that MTO has going on.
- MTO asked if the HDD entry/exit pits can be outside of the MTO ROW. AH and UPI advised that the primary goal is to have the pits outside of the ROW. However, there may be fencing or temporary workspace needed within the ROW, otherwise all pits will be outside.
- AT said that there is an existing valve site on the north side of this crossing and Hydro One has advised that they would like IOL to use this valve site. This will mean encroaching onto MTO ROW.
- MTO indicated that for the settlement monitoring, the equipment being placed upon the highway will get knocked out during surface repaving work and IOL should consider that possibility.

#### Crossing #8

- MTO asked if data related to the existing pipeline location is available? IOL advised that surveys are currently being undertaken and that this data can be provided.
- There is a PDR (427/401 area) that has been issued by MTO at this location and IOL can request preliminary drawings to be looked at to ensure there is no conflict with the ongoing MTO project.

#### Crossing #9

- MTO advised that there are no major concerns, other than construction scheduling to ensure MTO and IOL contractors are maintaining work separation. DB asked for geomatics information: CS asked to submit a request and he will look into this.

#### Crossing #10

	<ul style="list-style-type: none"> <li>• MTO indicated that MTO is replacing the Finch LRT in 2019 or 2020. Currently MTO is only aware that the bridge is being replaced and that the current pipelines are being requested to go deeper.</li> <li>• MTO asked if construction method at Finch Avenue will be an open cut method. Any closures on Finch Ave would cause problems and would be a major concern as traffic will be backed up from Highway 400 all the way to Highway 407. IOL and UPI responded that for this project, if there is a paved road HDD will generally be used – however, open cuts will be used if this is not feasible.</li> <li>• MTO stated that MTO jurisdiction ends at Signet Drive, but will comment on Signet Drive crossing.</li> </ul>
Permitting Discussion and Requirements	<ul style="list-style-type: none"> <li>• CA asked if encroachment permits would be individual to each crossing. This was confirmed by MTO.</li> <li>• CA wanted to confirm that all drawings are to be submitted as attachment to the new system application. This was confirmed. DM stated for Highway 407, you can still apply online through the MTO website, but it would be best to have a parallel submission to DM to save time.</li> <li>• DM asked when the construction tender date is. IOL advised that they are not aware at this time. MTO advised that the permits should be obtained in time for tender so that the conditions are known and pushed onto the contractor. MTO may allow for daytime shoulder lane closures, but geotechnical surveys will most likely need to occur during night shifts.</li> <li>• AH said that SC will want to make sure the geotechnical scope is confirmed with MTO foundational engineers and to have this conversation as soon as possible. CS requested to be contacted about scheduling a meeting with the foundational engineers as they couldn't make it to this meeting.</li> <li>• DM noted that 407 ETR does not have a geotechnical team in house, and will advise IOL on the Highway 407 geotechnical surveys and crossing requirements to see which boreholes can be removed. The crossing looks straight forward and all drawings will need to be stamped.</li> <li>• DM asked if the new pipeline will still be within the same easement footprint, as 407 ETR does not provide easement agreements. HA confirmed this understanding and that an encroachment permit would suffice as the approval for the crossing.</li> <li>• MTO advised that easements on non-designated lands could take 8-12 months. MTO Geomatics can use the KMZ to identify if there are any surplus lands impacted by the centreline. TA expects that there are some surplus lands. HA advised that there has been a number of recent projects requiring pipeline easements and an agreement template should already be available to MTO to get the process started.</li> <li>• MTO advised that the Building and Land Use permits may be grouped.</li> <li>• MTO indicated that there are no issues with temporary access off of the highway but new permanent entrances will not be granted on 400 series highways.</li> <li>• MTO asked whether the new pipe will be deeper than the existing pipeline. IOL answered that the new pipeline will generally be deeper.</li> </ul>

Point(s) of Contact	<ul style="list-style-type: none"> <li>MTO's one-window contact should be CS or BO; for Highway 407 related inquiries, DM is the contact but Corridor Management should be copied on correspondence. Coordination on IOL's end will be with JY or CanACRE.</li> </ul>
Next Steps	<ul style="list-style-type: none"> <li>AH indicated that currently the priority item for IOL is to get the geotech scope finalized and would like CS to coordinate a meeting.</li> <li>DM and MTO indicated a number of new projects by MTO and Metrolinx that are taking place and IOL should consider during their design: Ridgeway Drive to 407 (Metrolinx); and 407/403 and Winston Churchill area where there is an approved EA from 2013 (MTO). IOL can use the preliminary design for that project to incorporate in their drawings. IOL to submit a request for this.</li> <li>CS would like to get the linework for the existing pipeline. DB to get back to MTO.</li> </ul>
Summary of Actions	
<ul style="list-style-type: none"> <li>MTO to schedule a meeting with foundational engineers to finalize scope for geotechnical surveys</li> </ul>	MTO
<ul style="list-style-type: none"> <li>IOL to prepare an RFI for information needed from MTO and 407 ETR. This is to include preliminary drawings for ongoing, future projects; GIS data for projects and Title Record designations; etc.</li> </ul>	UPI/CA
<ul style="list-style-type: none"> <li>DB to provide linework for the existing pipeline centreline to CS</li> </ul>	DB



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**July 18, 2018**  
**HONI/IO Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Hydro One (HONI)*

- Roman Dorfman, Sr. Real Estate Coordinator (RD)

*Infrastructure Ontario (IO)*

- Patrick Grace (PG), Infrastructure Ontario
- Rita Kelly (RK), Infrastructure Ontario Real Estate Public Works
- Cory Ostrowka (CO), Infrastructure Ontario Environmental Lead
- Abby Flower (AF), Infrastructure Ontario Heritage Specialist (via teleconference)

*Imperial*

- Elias Majdalani (EM), Project Director
- Jessie Malone (JM), Environmental and Regulatory Advisor
- Ron Tourigny (RT), Right of Way and Claims Coordinator
- Leanne Dohy (LD), Socio-economic Advisor

*ERM*

- Jim Chan (JC), Senior Consultant

*CanACRES*

- Haseeb Amirzada (HA), Director Planning and Permitting

**Meeting Objectives**

- Introduction to Imperial's Waterdown to Finch Project
- Confirm Infrastructure Ontario Class EA requirements
- Confirm Infrastructure Ontario Duty to Consult requirements
- Discussion

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Hydro One office</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Environmental discussion with HONI/ IO</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's Sarnia Products Pipeline Waterdown to Finch Powerpoint presentation July 2018</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>• Participants introduced themselves.</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• Imperial (RT) thanked everyone for participating on the call and started the meeting with a safety moment.</li> <li>• RT explained that Imperial has a comprehensive pipeline safety process. Imperials uses a specialized inline inspection tool called Smart Pigs that confirm both internal and external characteristics of the pipeline. The Smart Pigs can determine changes in line pressure, gouges, dents and corrosion and is a key part of regular maintenance to provide safe and reliable operations.</li> </ul>
Overview	<ul style="list-style-type: none"> <li>• Imperial (RT) indicated that Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>• SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA).</li> <li>• SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline, diesel and jet fuel that keeps people, goods and services moving.</li> <li>• SPPL has operated in the region for many years. It has been in operation since the 1950s. The line is ~65 years old and due to its age, as a proactive measure, Imperial is planning to replace approximately 63 km of the 12" line with new 12" pipe. The pipeline will continue to operate until the replacement segments are prepared for operation.</li> <li>• The current pipeline will be deactivated and removed from service. It will be cleaned, filled with nitrogen (inert gas to detect pressure monitoring), maintained with cathodic protection, monitored and left in place. In addition, along the HONI corridor, there are other lines and infrastructure. We do not want to impact the other lines. Deactivation is undertaken to avoid impacts.</li> <li>• Overview of timelines: Spring 2018 project launch, routing, environmental and cultural studies; Summer/Fall 2018 Community Information Sessions in 6 municipalities; Winter/Spring 2019 submission to OEB; Summer 2019 engineering design complete; Late Fall 2019 pre-construction communication. 2020 is the potential in-service start date.</li> <li>• RT provided an explanation on the two types of installation methods. <ul style="list-style-type: none"> <li>○ Trenchless technology, e.g., horizontal directional drill (HDD) is a method of installing underground pipe using a drilling rig at surface level. It is used to avoid sensitive areas, in dense residential or commercial areas, major watercourse crossings, etc.</li> <li>○ Open cut construction is a method of pipeline installation. Pipe will be lowered into a trench and covered for protection.</li> <li>○ We are conducting geotechnical, environmental, and archaeology surveys to help determine the appropriate design consideration for open cut and HDD installation methods.</li> </ul> </li> <li>• HONI (RD) asked what is the length of the pipeline in the HONI corridor.</li> <li>• Imperial (RT) responded that it is approximately 2/3 of the Waterdown to Finch Project, about 40 km is within the HONI corridor. Notionally, about 1/3 of the total line replacement will use HDD installation as a measure to avoid sensitive areas, major waterbodies, major road crossings, provincially significant wetlands.</li> <li>• Imperial (RT) has sent out 2500 notifications to landowners and nearby owners.</li> <li>• Notification and direct communication with landowners is undertaken by CanAcres, lands team on behalf of Imperial.</li> <li>• Imperial (RT), yes, we will keep HONI/IO informed of the sub-contractor companies working on the Project.</li> <li>• IO (PG) asked about the status of the OEB filing.</li> <li>• Imperial (JM) responded that we have we done early consultation with OEB. We have not formally filed a notice with the OEB. The current timeline is to file an application for a leave to construct in Q1 2019.</li> <li>• IO (PG) asked if Metrolinx has been consulted.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>Imperial (RT) responded that have been made aware of the Hurontario transit and Finch LRT corridors and plan to set-up a meeting with Metrolinx shortly.</li> <li>IO (PG) asked if the Ministry of Municipal Affairs and Housing has been consulted regarding the Parkway Belt West Plan. [The Parkway Belt West Plan was initiated in July 1978. The objective of the land-use plan is to reserve land for future linear facilities and links between urban areas in the GTHA to enable the movement of people, energy, goods]. Imperial (JM) has sent notifications to the Ontario Pipeline Coordinating Committee, including the Ministry of Municipal Affairs and Housing. We will take this back and engage with the Ministry of Municipal Affairs regarding the Parkway Belt West Plan.</li> </ul>
IO land matters	<p><u>Land Matters</u></p> <ul style="list-style-type: none"> <li>Imperial (RT) will engage HONI (RD) and IO (RK) related to land matters. Various easement types are potentially required:</li> <li>Easement related to Bill 58 related lands; <ul style="list-style-type: none"> <li>[Bill 58, the Reliable Energy and Consumer Protection Act, amended the Electricity Act resulting in the transfer of lands owned by Hydro One for its transmission system (about 50,000 acres) to the government of Ontario.]</li> </ul> </li> <li>Easement on Hydro One lands;</li> <li>Construction encroaching agreement with Hydro One; and</li> <li>Easement for IO lands, adjacent to the corridor.</li> </ul>
IO requirements for Class EA, archaeology, cultural heritage, Duty to Consult discussion	<p><u>Archaeology and Cultural Heritage</u></p> <ul style="list-style-type: none"> <li>Imperial (JM) has completed a draft Stage 1 to be submitted to Indigenous communities and MTCS. Stage 2 will be initiated and includes test pitting and agricultural field ploughing. Test pitting will be mainly used in the HONI corridor. In addition, Indigenous participation of Field Monitors are involved in the field work.</li> <li>IO (AF) – Infrastructure Ontario has Heritage Specialists and will be involved as reviewers for the archaeology work. IO requested a copy of the draft Stage 1 report for review once finalized. IO is interested in the Stage 2 work to be conducted on the easement corridor.</li> <li>IO (AF) noted that there are not many built cultural heritage sites however, there are a few historical heritage buildings that are in close proximity to the corridor.</li> <li>Imperial (JM) replied that in addition to archaeology work, cultural heritage is part of the scope of work. Imperial has engaged an expert consultant to conduct a pre-screening for cultural heritage. Imperial will keep IO involved to review the assessment.</li> </ul> <p><u>Duty to Consult</u></p> <ul style="list-style-type: none"> <li>IO (AF) noted that the Ministry of Energy (MOE) will provide direction on the determination of the Duty to Consult. Ministry of Infrastructure and IO will rely on MOE's determination of the Duty to Consult. IO requested that the Duty to Consult letter is sent to IO for review once received from MOE. Abbey Flower, Heritage Specialist, Infrastructure Ontario will be the IO contact point for Duty to Consult.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>Imperial (JM) elaborated on Imperial's engagement to date. We have engaged: <ul style="list-style-type: none"> <li>MNCNF</li> <li>Six Nations</li> <li>Huron-Wendat Quebec</li> <li>Métis Nation of Ontario</li> <li>Haudenosaunee Confederacy Chiefs Council via the Haudenosaunee Development Institute (HDI), [request by the Ministry of Tourism, Culture and Sport to engage HDI].</li> </ul> </li> <li>Imperial (JM) explained that direction on the Duty to Consult was requested to the Ministry of Energy MOE (Indigenous Energy Policy) as part of the OEB notification process. Imperial is meeting with MOE this week.</li> <li>IO (AF) will review the adequacy of consultation prior to the posting of the Notice of Completion of the Class EA - Category B.</li> <li>IO (AF) request that consultation should communicate that easements on MOI owned lands will be used for the purposes of the Undertaking. Communication should also indicate the intended use of the easements.</li> </ul> <p><u>Class EA – Category B</u></p> <ul style="list-style-type: none"> <li>IO (CO) – Infrastructure Ontario confirmed that Cory Ostrowka, Environmental Specialist will be the direct contact point for environment related discussions.</li> <li>Imperial (JM) explained that the proposed undertaking is part of ongoing requirements due to the aging infrastructure.</li> <li>JM noted that the scope of the Undertaking for the Class EA – Category B is comprised of easements over the HONI and IO lands.</li> <li>Imperial (JM) reviewed the Class EA guidance and based on the screening matrix, the proposed Undertaking will be likely subject to a Class EA, Category B, with a requirement to complete the Consultation and Documentation Report (C&amp;D Report).</li> <li>IO (CO) will confirm the Class EA – Category B and provide the Category B template package for the Consultation and Documentation Report.</li> <li>Imperial (JM) noted that the major regulatory application is the filing of the leave to construction with the Ontario Energy Board. There are no federal EA triggers -- not described in the Project List subject to CEAA 2012.</li> <li>JM inquired about the possibility of drafting a combined leave to construct Environmental Report and Class EA. IO (CO) confirmed that the IO template must be used to facilitate online posting of Class EA. Imperial will look at the template and work with IO to ensure their formatting requirements are met.</li> <li>JM noted that in discussions with the Conservation Authorities and the Niagara Escarpment, Imperial intends to apply for environment related permits in parallel as the leave to construction application.</li> <li>Imperial (JM) is proposing to use the Ontario Pipeline Coordination Committee's list of agencies to provide notification of the Project. The notification includes provincial</li> </ul>

Topic	Discussion
	<p>ministries, Conservation Authorities and the Niagara Escarpment Commission, plus more.</p> <ul style="list-style-type: none"> <li>JM asked if HONI / IO would have any data layers to share (environmental/archaeology/ contaminated sites). IO (CO) indicated that there is limited data to share.</li> <li>JM noted that a Phase 1 Environmental Site Assessment has been completed.</li> </ul>
Summary of Actions	Who
<ul style="list-style-type: none"> <li>IO (CO) – Infrastructure Ontario confirmed that Cory Ostrowka, Environmental Specialist will be the direct contact point or environment related discussions.</li> </ul>	CO
<ul style="list-style-type: none"> <li>IO (AF) – Infrastructure Ontario confirmed that Abbey Flower, Heritage Specialist will be the direct contact point for archaeology, cultural heritage and Duty to Consult for the Ministry.</li> </ul>	AF
<ul style="list-style-type: none"> <li>Provide Infrastructure Ontario (AF) with the Duty to Consult letter from Ministry of Energy once received.</li> </ul>	JM
<ul style="list-style-type: none"> <li>Infrastructure Ontario to provide Class EA template package.</li> </ul>	CO
<ul style="list-style-type: none"> <li>Imperial to provide a summary of the preliminary analysis of Class EA – Category B.</li> </ul>	JM
<ul style="list-style-type: none"> <li>Infrastructure Ontario (CO) to confirm preliminary determination of Class EA category B.</li> </ul>	CO
<ul style="list-style-type: none"> <li>Imperial (JM) to provide Infrastructure Ontario (AF) with the draft Stage 1 archaeological report, after this has been provided to communities and MTCS.</li> </ul>	JM
<ul style="list-style-type: none"> <li>Imperial will engage with the Ministry of Municipal Affairs regarding the Parkway Belt West Plan.</li> </ul>	JM

Potential topics to record for Isometrix reporting:

- |   |   |
|---|---|
| <input type="checkbox"/> Accidents and Malfunctions                     | <input type="checkbox"/> Aquatic Resources and species  |
| <input type="checkbox"/> Air Emissions and Noise                        | <input type="checkbox"/> Archaeology                    |
| <input type="checkbox"/> Alternatives                                   | <input type="checkbox"/> Community Contribution Request |
| <input type="checkbox"/> Cultural Heritage Resources                    | <input type="checkbox"/> Groundwater                    |
| <input type="checkbox"/> Emergency Response                             | <input checked="" type="checkbox"/> Operational Issue   |
| <input type="checkbox"/> Excavation/Damage Prevention/Pipeline Location |   |

Topic	Discussion
<input checked="" type="checkbox"/> Right-of-Way/ Access Agreement	<input type="checkbox"/> Traditional use
<input checked="" type="checkbox"/> Safety, Health and Environment	<input type="checkbox"/> Vegetation
<input type="checkbox"/> Socioeconomic (labour, economy, social)	<input type="checkbox"/> Wetlands
	<input type="checkbox"/> Wildlife and Habitat



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**July 20, 2018**  
**Meeting with Ontario Ministry of Energy Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Ontario Ministry of Energy (Indigenous Energy Policy)*

- Shereen Smithanik (SS)
- Shannon McCabe (SM)
- Sarah Edmunds, co-op student (SE)

*Ontario Ministry of Transportation*

- Leslie Currie, Indigenous Liaison Specialist (LC) via teleconference

*Imperial*

- Robert Ballinger, Area Manager, East Canada, Canada Fuel Operations (RB)
- Chris Plain, Indigenous Relations Lead – Ontario Region (CP)
- Kelly Williams, Indigenous Relations (KW)
- Leanne Dohy, Socio-economic Advisor (LD)
- Jessie Malone, Environment and Regulatory Advisor (JM)

*ERM*

- Jim Chan, Senior Consultant (JC)

**Meeting Objectives**

- Overview presentation of Imperial's Waterdown to Finch Project (the Project)
- Seek the Ministry's direction on the Duty to Consult with respect to which communities to notify and consult

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Meeting held at Ontario Ministry of Energy's office, 77 Grenville Street, Toronto, Ontario</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Welcome</li> <li>• Introductions</li> <li>• Safety Moment</li> <li>• Overview of Waterdown to Finch Project</li> <li>• Imperial's Indigenous Engagement Approach</li> <li>• Duty to Consult</li> <li>• Meeting Adjourned</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's Sarnia Products Pipeline Waterdown to Finch Powerpoint presentation July 2018 and map of treaties</li> <li>• Ontario Ministry of Energy provided document titled, "Indigenous Consultation Report Requirements"</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• Imperial (RB) started the meeting with a safety moment.</li> <li>• RB explained that during the recent Community Information Sessions, the public inquired how Imperial safely operates the pipeline. RB explained that Imperial has a comprehensive pipeline safety process that uses inline tools and integrity digs. Imperials uses a specialized inline inspection tool called Smart Pigs that confirm both internal and external characteristics of the pipeline. The Smart Pigs can determine changes in line</li> </ul>

Topic	Discussion
	<p>pressure, gouges, dents and corrosion and is a key part of regular maintenance to provide safe and reliable operations. In addition, Imperial will be engaging the MNCFN Field Monitors to support upcoming integrity dig work.</p> <ul style="list-style-type: none"> <li>• RB explained that the SPPL pipeline is a critical piece of infrastructure for the GTHA. It is a distributor of refined products for many Ontario retail sites including jet fuel for Toronto Pearson International airport and the Toronto Billy Bishop Island airport.</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>• Participants introduced themselves.</li> <li>• Imperial (CP) opened the discussion by thanking everyone for the opportunity to meet. Imperial (JM) will provide a Project overview. Imperial (CP) will describe Imperial's approach and current work with communities, including the community Field Monitors. ERM (JC) will discuss Duty to Consult.</li> </ul>
Project Overview	<ul style="list-style-type: none"> <li>• Imperial (JM) provided a Project overview. Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.</li> <li>• SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA)</li> <li>• SPPL supplies a significant portion of refined product used at Toronto Pearson International airport, including gasoline and diesel that keeps people, goods and services moving.</li> <li>• SPPL has operated in the region for many years. It has been in operation since the 1950s. The line is ~65 years old and as a proactive measure, Imperial is planning to replace approximately 63 km of the 12" line with new 12" pipe. The pipeline will continue to operate until the replacement segments are prepared for operation. The existing line will be cleaned, tested and deactivated in-place.</li> <li>• Imperial has initiated discussions with the Ontario Energy Board (OEB). The major regulatory process will be the filing of the leave to construct application with the OEB. There is no federal EA process triggered.</li> <li>• Imperial has kicked off engagement with regulators, landowners and Indigenous communities. At the same time, we have initiated the engineering design process. As a result of our early engagement, we look to incorporate feedback into the project design process.</li> <li>• Imperial has started environmental field surveys to capture the field work during the seasonal windows. Continuing field work is planned for summer and fall. Archaeology field work is timed for the summer/fall.</li> <li>• Overview of timelines (as described in the PowerPoint presentation), Spring 2018 project launch; Summer/Fall 2018 Community Information Sessions; Winter/Spring 2019 submission to OEB; Summer 2019 engineering design complete; Late Fall 2019 pre-construction communication. 2020 is the potential start date.</li> <li>• Imperial is hosting community information sessions in each municipality this week and next week. We have extended the invitations to the Indigenous Groups as a courtesy, but have also offered to host similar information sessions in their communities, at their discretion.</li> <li>• There are two proposed types of construction methods: open cut construction and trenchless Horizontal Direction Drilling (HDD). JM indicated that notionally, HDD is</li> </ul>

Topic	Discussion
	<p>planned for ~1/3 of the total line replacement. Construction method will be informed by geotechnical information and environmental considerations. Imperial will look to avoid major watercourses, major road crossings, provincially significant wetlands and important archaeological features by using HDD.</p> <ul style="list-style-type: none"> <li>Imperial (JM) explained that the current pipeline will remain in operation until planning, testing and new line is in service. The old pipeline will be deactivated and removed from service. It will be cleaned, filled with nitrogen (inert gas to detect pressure monitoring), maintained with cathodic protection, monitored and left in place.</li> </ul>
Engagement Approach	<ul style="list-style-type: none"> <li>Imperial (CP) explained that he is a former Chief of Aamjiwnaang First Nation, near Sarnia, ON. Imperial's approach is guided by four pillars: Consultation, Community Relations/Investment, Workforce Development and Business Development.</li> <li>Imperial conducts its business in a manner that respects the land, the environment, and the rights and cultures of Indigenous communities, in accordance with the laws of Canada and corporate policies and guidelines that underlie the company's commitment to ethics, equity, environment and safety.</li> <li>(CP) explained that we have met with the Mississaugas of the New Credit First Nation, Six Nations of the Grand River and Huron-Wendat Nation. We just met with the Huron-Wendat earlier in the week and met with the communities of MNCFN and Six Nations again to discuss archaeology planning and to introduce the archaeology sub-contractor. Agreements established for participation of Indigenous Field Monitors in the field work.</li> <li>(CP) Imperial has made an initial request to the Haudenosaunee Development Institute and offered a willingness to engage.</li> <li>(CP) Imperial has provided notification to the Métis Nation of Ontario (MNO) and have offered a willingness to engage. The MNO Manager of Lands and Resources responded via email that they have received our notification information and will take it back to their community councils to determine if a follow-up meeting is desired. Imperial remains open to meeting the MNO based on their preferences and in accordance to their protocols.</li> </ul>
Duty to Consult	<ul style="list-style-type: none"> <li>ERM (JC) noted that the Crown has a duty to consult and, where appropriate, accommodate when the Crown contemplates conduct that might adversely impact potential or established Aboriginal or Treaty rights.</li> <li>Imperial (JM) noted that the Crown's duty arises because of the application to seek approval for leave to construct by the Ontario Energy Board. In addition, Infrastructure Ontario requires approval relating to the assessment of the Undertaking within the existing Hydro One Networks Inc. corridor in accordance with Ministry of Infrastructure Public Work Class Environmental Assessment process (Category B).</li> <li>Imperial stated that it was confirmed by Infrastructure Ontario that the Ministry of Infrastructure will align with the Ministry of Energy's Duty to Consult direction, they do not conduct their own evaluation of Duty to Consult.</li> <li>Imperial confirmed that Niagara Escarpment Commission requires an Application for a Development Permit under the <i>Niagara Escarpment Planning and Development Act</i>. No change in land use required.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>• (JC) noted that Ontario will likely delegate the procedural aspects of consultation to Imperial. Crown will remain involved and will assess the adequacy of consultation.</li> <li>• (JC) noted that consultation is triggered when there is: 1) proposed Crown conduct (e.g. environmental approvals); 2) the Crown has knowledge of existing or asserted Aboriginal or treaty right; and 3) there is a potential to adversely affect those rights. The degree of consultation is based on a spectrum and depends on the strength of the claim to particular rights, and the potential harm that could be caused to those existing or asserted rights by the proposed Crown decision or activity.</li> <li>• (JC) provided a map of the treaties and the Waterdown to Finch Project alignment. From Waterdown, the western portion, ~1/3 of the total replacement is on an Imperial owned easement over private lands. The remaining ~2/3 is on an easement within the Hydro One corridor to Finch.</li> <li>• (JC) noted that this is a shared territory and the communities' have a broader recognition of their asserted traditional territory across southern Ontario.</li> <li>• (JC) explained that an Environmental Report will be prepared for the leave to construct filing. The early preliminary analysis is: <ul style="list-style-type: none"> <li>○ The existing Imperial owned easement will be on private lands and an easement on HONI lands. Currently, the land is used as an existing, cleared, right-of-way for multiple utilities. There is no likely change to effects on nor restrictions on hunting, fishing, trapping.</li> <li>○ There are 15 major crossings (i.e. 8 are major watercourse and 7 permanent watercourse). (i.e. Black Creek, Humber, Credit, Etobicoke, Sixteen Mile, Bronte, etc.). From west to east, the surrounding land use generally increases in anthropogenic intensity and density from primarily agricultural to suburban and light industrial to urban. Imperial will implement construction mitigation horizontal directional drilling under major waterbodies that will avoid potential impacts to fish and fish habitat and potential impacts to fishing rights.</li> <li>○ There is direct Indigenous involvement in archaeological planning to avoid and mitigate potential effects to culturally significant areas. Approach is to meet Ontario Ministry of Tourism, Sport and Culture (MTSC) requirements and incorporate Indigenous protocols. Imperial has accommodated the community request for Indigenous Field Monitor participation on-site during archaeology work. Imperial has accommodated scheduling changes to enable participation in archaeology. Field Monitors will support onsite field identification of potential traditional medicinal plants of interest to the community and sharing of archaeological knowledge.</li> <li>○ The potential impact of activities on lands and resources, water and cultural resources will be addressed as part of the planning process to avoid and mitigate effects to Aboriginal and treaty rights.</li> </ul> </li> </ul>
Discussion	<ul style="list-style-type: none"> <li>• MTO (LC) asked if the Project would potential impact the River or Pengilley archaeological sites.</li> <li>• ERM (JC) subsequent to the meeting, reviewed the Archaeological Sites Database maintained by MTCS regarding the River and Pengilley sites. The River and Pengilley</li> </ul>

Topic	Discussion
	<p>sites are located 8 km north of the Project corridor, near the 407 and the Credit River, and therefore would not be likely impacted by the Project activities.</p> <ul style="list-style-type: none"> <li>• MOE (SS) asked what concerns have we heard from communities' to-date.</li> <li>• Imperial (RB) at the public Community Information Sessions, landowners are interested in the potential impacts of the Project (traffic inconvenience, etc.) to their land during construction.</li> <li>• (CP) Communities are interested in archaeology planning and want to be directly involved with onsite Field Monitors. Imperial is supportive of the request for Field Monitors. Six Nations asked about our plans to replace trees, including offset ratios and where to replant trees. Community members at MNCFN asked about Imperial's emergency response planning in the event of spills. Communities wanted to know the type of product transported. [The pipeline is transporting refined products such as gasoline, diesel and jet fuel.] Our outreach and education process has helped the communities understand the Project.</li> <li>• MOE (SS) reiterated that it is useful to provide communities with a detailed understanding of the Project and project planning. Imperial (CP) noted that we have offered to the communities a willingness to share information and provide an Info Session directly in communities, if desired.</li> <li>• MOE (SS) noted that the Ministry will provide a letter on the Ministry's expectations on the Duty to Consult and will provide direction to Imperial on which communities to notify and consult.</li> <li>• MOE (SS) stated that a once the delegation of Duty to Consult has been sent to the proponent, a notification must also be sent to the Indigenous Groups. Imperial confirmed that the preference is if MOE sends out the notification letters to the communities, using the individual contacts provided by Imperial for each community.</li> <li>• MOE (SM) shared the Ministry's document titled, "Indigenous Consultation Report Requirements" to assist with the leave to construct application filing.</li> </ul>
Summary of Actions	Who
MOE (SS) noted that the Ministry will provide a letter on the Ministry's expectations on the Duty to Consult and will provide direction to Imperial on which communities to notify and consult.	SS
<ul style="list-style-type: none"> <li>• Imperial to send kmz and shapefile of pipeline centerline to MOE.</li> </ul>	JC
<ul style="list-style-type: none"> <li>• Imperial to send list of contacts to MOE to send out notification letters to communities.</li> </ul>	KW

Potential topics to record for Isometrix reporting:

Topic		Discussion	
<input type="checkbox"/>	Accidents and Malfunctions	<input type="checkbox"/>	Aquatic Resources and species
<input type="checkbox"/>	Air Emissions and Noise	<input checked="" type="checkbox"/>	Archaeology
<input type="checkbox"/>	Alternatives	<input type="checkbox"/>	Community Contribution Request
<input checked="" type="checkbox"/>	Cultural Heritage Resources	<input type="checkbox"/>	Groundwater
<input type="checkbox"/>	Emergency Response	<input type="checkbox"/>	Operational Issue
<input type="checkbox"/>	Excavation/Damage Prevention/Pipeline Location		
<input type="checkbox"/>	Right-of-Way/ Access Agreement	<input type="checkbox"/>	Traditional use
<input type="checkbox"/>	Safety, Health and Environment	<input type="checkbox"/>	Vegetation
<input type="checkbox"/>	Socioeconomic (labour, economy, social)	<input type="checkbox"/>	Wetlands
		<input checked="" type="checkbox"/>	Wildlife and Habitat



Imperial's Sarnia Products Pipeline

# Waterdown to Finch Project

Presentation to  
Ontario Ministry of Energy  
Indigenous Energy Policy

July 2018



# Agenda

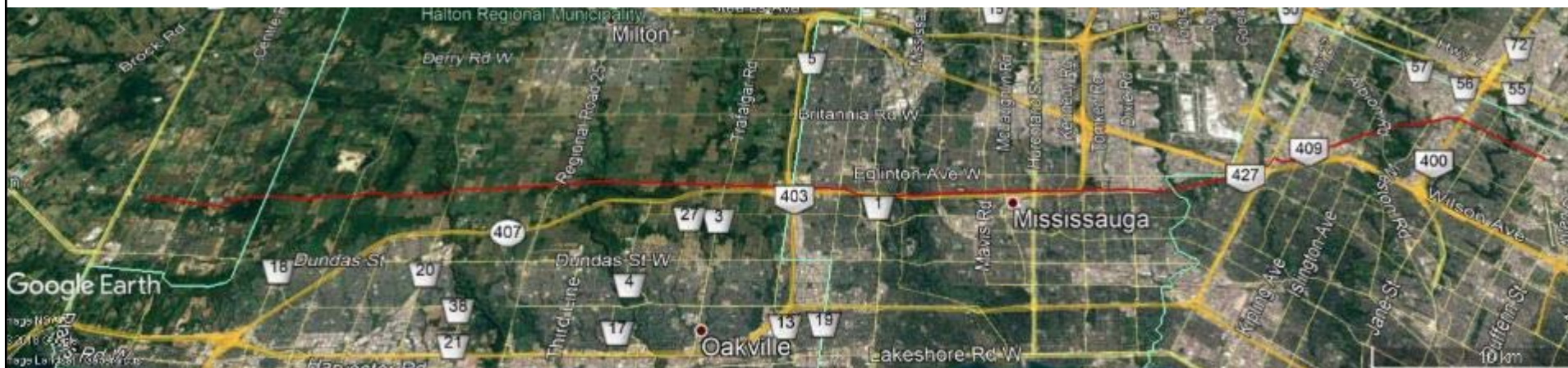
- Safety moment
- Sarnia Products Pipeline
- Project overview
- Imperial engagement approach
- Duty to Consult
- Minimizing construction impact
- Avoiding, minimizing and mitigating effects
  - Biophysical/ physical/ cultural
  - Archaeology planning
  - Field programs
- Imperial in Ontario
- Q&A



# Safety moment

# Imperial's Sarnia Products Pipeline

- Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area
- SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA)
  - SPPL supplies a significant portion of product used at Toronto Pearson International Airport, and gasoline and diesel that keeps people, goods and services moving
- SPPL has operated in the region for many years



## Continued safety and reliability for the GTHA

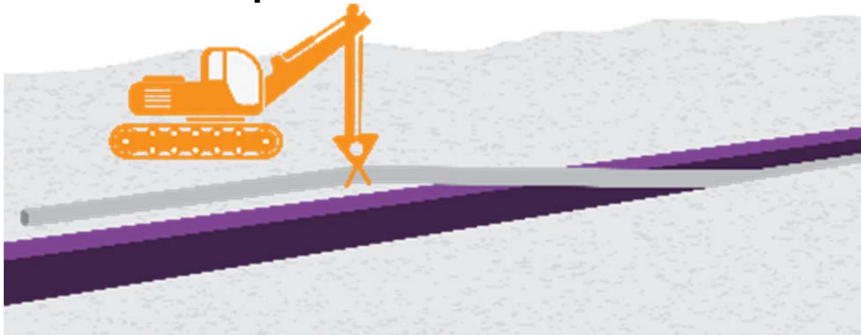
- Imperial is planning to replace approximately 63 km of the line with new pipe
- The pipeline will continue to operate until the replacement segments are prepared for operation
- Imperial will apply for a Leave to Construct from the Ontario Energy Board, which includes an assessment of environmental effects and engagement with landowners, communities and Indigenous groups
  - Imperial will respect landowners' property and will seek to minimize disruptions
  - Imperial recognizes the importance of collaboration with Indigenous groups, municipalities and other community stakeholders



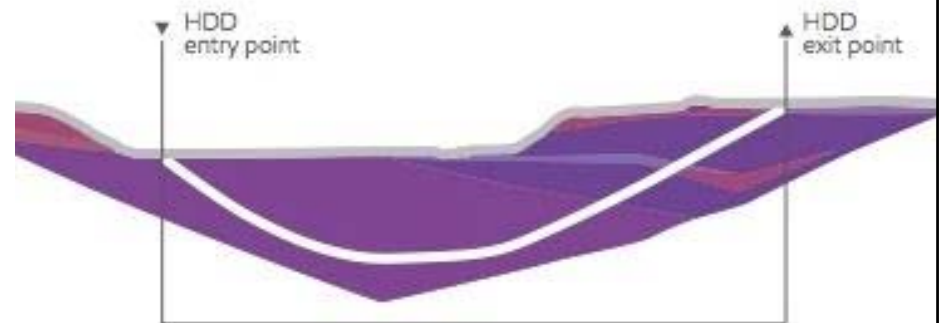
# Minimizing construction impacts

- Imperial will work with landowners, permitting authorities and different levels of government so construction impacts are as limited as possible
- Engineers and environmental surveyors work together to develop the pipeline route that minimizes impact to the environmental and community
- Deactivated pipe will be removed from service, cleaned, filled with nitrogen and left in place to reduce environmental impacts
- Based on engineering and environmental surveys, Imperial will perform one of two construction techniques:

**Open cut construction**



**Trenchless technology**

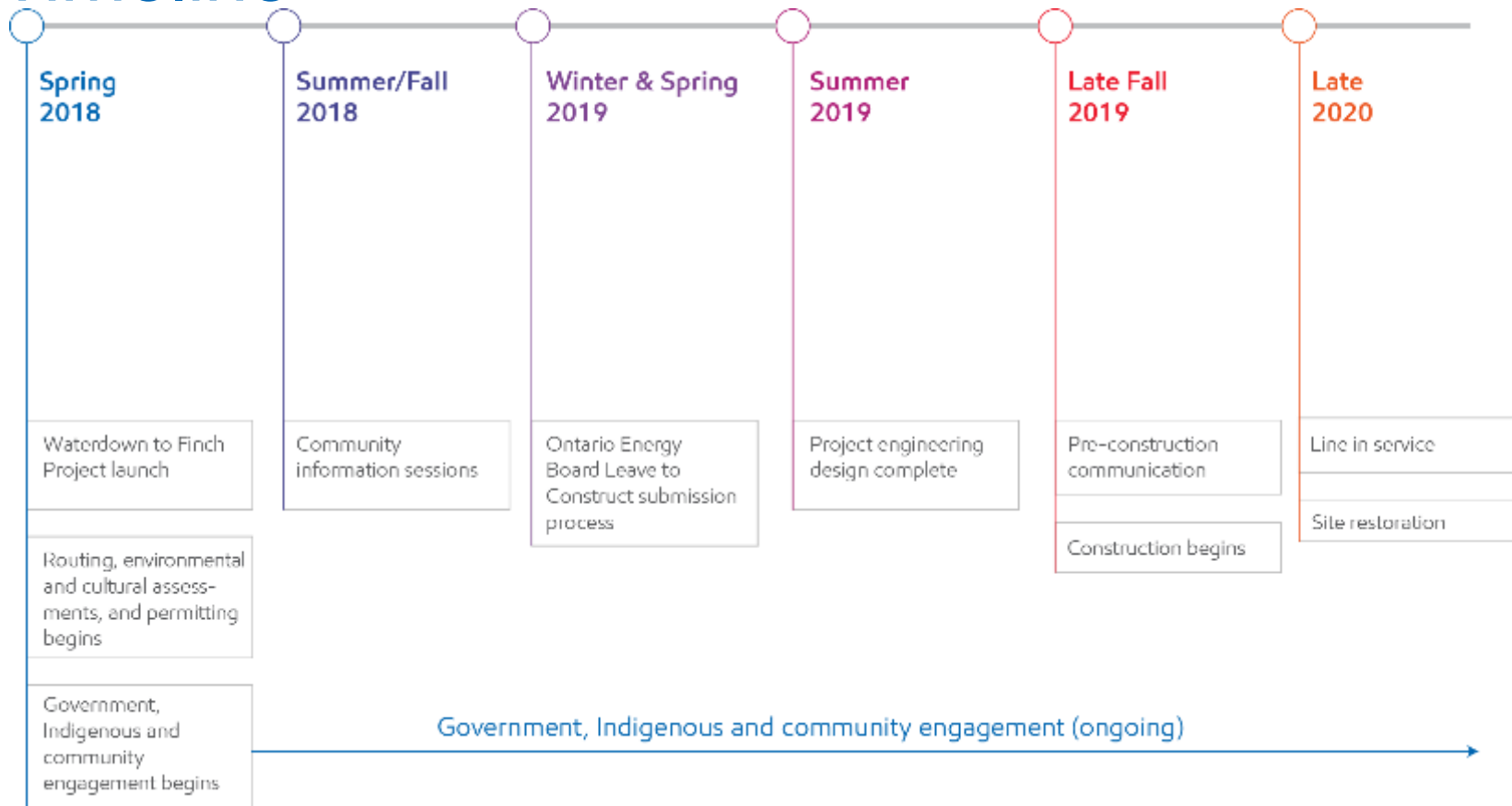


# Regulatory approvals and permitting

- In addition to landowner access and Indigenous collaboration, Imperial will require regulatory approval, permits or project information sharing from the following entities listed in alphabetical order



# Timeline\*



8 \* Subject to regulatory and permitting approvals

# Discussion

## Imperial engagement approach (4 Pillars)

- Respect for the land, environment, rights and cultures of indigenous communities, in accordance with the laws of Canada and corporate policies and guidelines underlie the company's commitment to ethics, equity, environment and safety.
- **Consultation:**
  - Respect for the land, the environment and rights and cultures of Indigenous communities
  - Open and forthright consultation
  - Seek to understand indigenous perspectives on issues of mutual interest and to deal constructively with differing views
  - Ensuring timely discussions
  - Respecting the legal rights of indigenous people and adhering to government requirements
  - Treating all parties fairly
  - Respecting traditional practices, decision-making processes, cultural activities and language
  - Coordinating with Crown consultation
- **Community Relations:** capacity building, community investment and participating in community events
- **Workforce Development:** developing and supporting educational programs
- **Business Development:** fosters the development of indigenous businesses in ways that benefit the company and the community



# Indigenous engagement

## Notification and meetings

- Mississaugas of the New Credit First Nation
- Six Nations of the Grand River
- Huron-Wendat Nation

## Early notification and offer to meet.

- Métis Nation of Ontario

Photo:

Early morning bird survey with MNCFN Field Liaison  
Monitor along right-of-way, near Waterdown, ON



# Duty to Consult

- The Crown has a duty to consult and, where appropriate, accommodate when the Crown contemplates conduct that might adversely impact potential or established Aboriginal or Treaty rights.



# Proposed Crown conduct

## Environmental Approval Details

### **Ontario Energy Board**

- Application to seek approval for leave to construct under the *Ontario Energy Board Act*.
- To complete this, Imperial will be required to prepare an Environmental Report and Indigenous consultation report for submission to the Ontario Energy Board.

### **Infrastructure Ontario**

- Assessment of the Undertaking within the existing Hydro One Networks Inc. corridor in accordance with Ministry of Infrastructure Public Work Class Environmental Assessment process (Category B).
- The *Environmental Assessment Act* provides for the protection, conservation and sound management of Ontario's environment.

### **Niagara Escarpment Commission**

- Application for a Development Permit under the *Niagara Escarpment Planning and Development Act*.
- The purpose is to review the development proposal and ensure it is carried out in an environmentally compatible way with the Escarpment landscape and environment.

- Imperial will meet all other regulatory approvals and permitting necessary for construction.

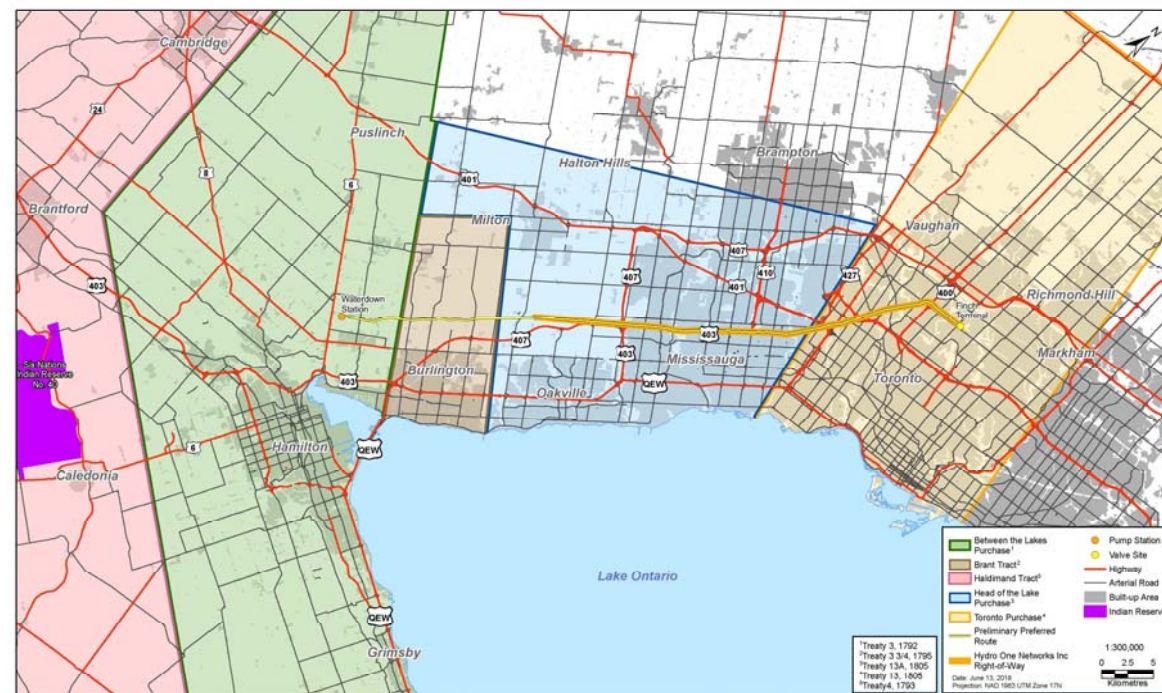
# Map of treaties

## Map of Greater Toronto and Hamilton Area (GTHA) treaties and location of Waterdown to Finch Project

- Treaty 3 Between the Lakes Purchase
  - Current communities of Hamilton, Guelph, etc.
- Treaty 3 ¾ Brant Tract
  - Current communities of Burlington, Oakville
- Treaty 13A Head of the Lake Purchase
  - Current communities of Milton, Oakville, Mississauga
- Treaty 13 Toronto Purchase
  - Current communities of Toronto

Source: Ontario Ministry of Indigenous Affairs  
<https://www.ontario.ca/page/map-ontario-treaties-and-reserves#treaties>

Waterdown-Finch Project



# Potential and existing Aboriginal and treaty rights

Please consult the Lands and Resources of:

- Mississaugas of the New Credit First Nation
- Six Nations of the Grand River
- Huron-Wendat Nation
- Métis Nation of Ontario

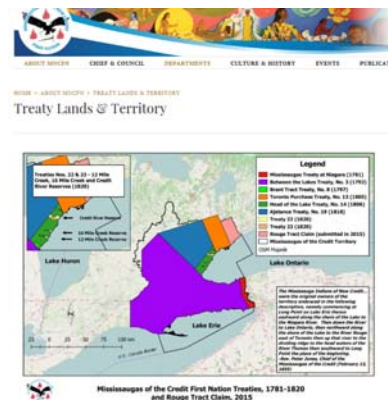
Source:

<http://mncfn.ca/media-communications/treaty-lands-and-territory-recognition-statements/>

<http://www.sixnations.ca/LandsResources/>

<http://www.wendake.com/history.html>

<sup>15</sup>  
<http://www.metisnation.org/registry/harvesting/harvesting-map/>



## Preliminary analysis of potential adverse impacts of Crown conduct

### Lands and Resources (Wildlife and Vegetation)

- Not Crown public land
- Existing Imperial owned private land easement and HONI land easement
- Lands currently used as existing, cleared, right-of-way for multiple utilities
- Environment baseline studies and Environmental Report required
- No change to effects on nor restrictions on hunting, fishing, trapping
- Implement construction mitigation horizontal directional drilling under major waterbodies will avoid potential impacts to fish and fish habitat

16

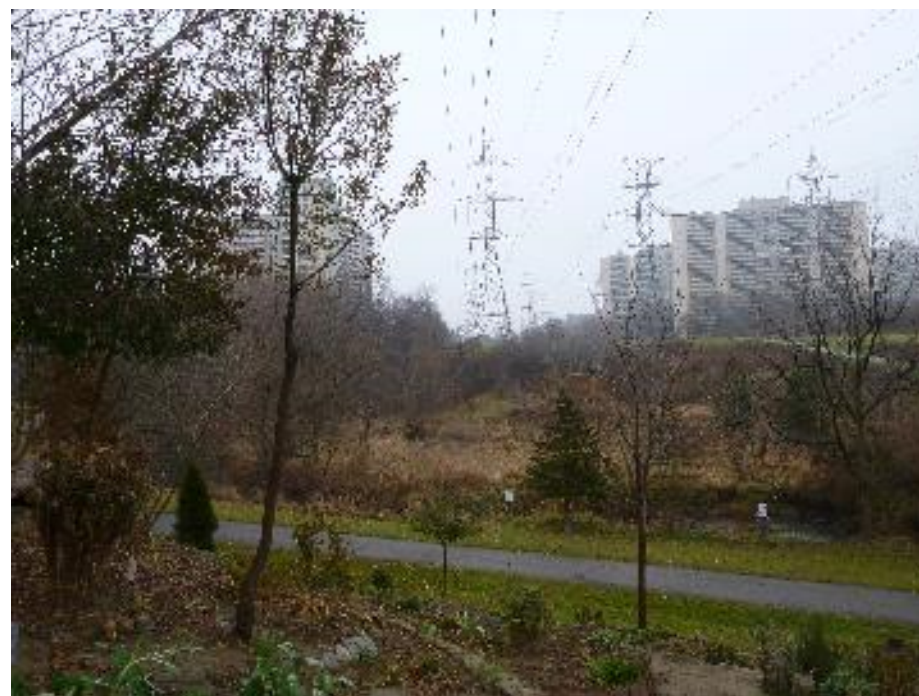
### Surface Water

- 15 major crossings (i.e. 8 are major watercourse and 7 permanent watercourse). (i.e. Black Creek, Humber, Credit, Etobicoke, Sixteen Mile, Bronte)
- From west to east, the surrounding land use generally increases in anthropogenic intensity and density from primarily agricultural to suburban and light industrial, to urban
- Implement construction mitigation of horizontal directional drilling under major waterbodies avoids potential impacts to fish and fish habitat --recognizing that effects on surface water are closely connected to impacts to Aboriginal and treaty rights in that fish, waterfowl, and other aquatic species could be impacted as a result of changes in quality or quantity of surface waters.

### Culturally Significant Areas

- Meeting MTSC requirements and incorporating Indigenous protocols
- Direct Indigenous involvement in archaeological planning to avoid and mitigate potential effects to culturally significant areas
- Accommodate community request for Indigenous Field Monitor participation on-site during all archaeology work
- Accommodate schedule to enable participation in archaeology
- Onsite Field Monitors will support identification traditional medicinal plants
- Sharing of archaeological findings and seeking of feedback
- Establish protocols to enable archaeological findings to be returned to communities, per their preferences.

## Corridor photos



## Preliminary breadth and depth of consultation

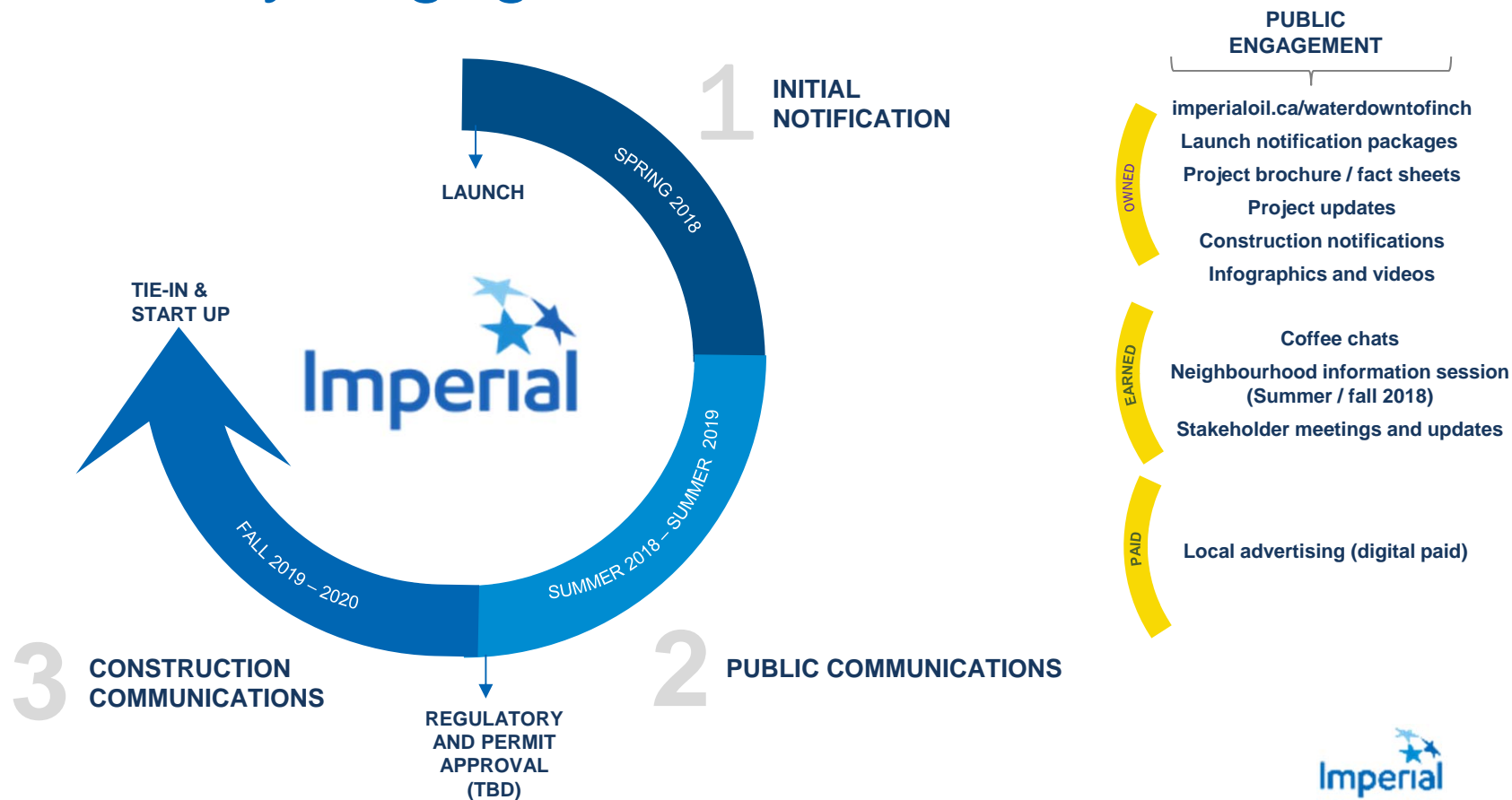
### Preliminary Breadth and Depth of Consultation includes:

- Mississaugas of the New Credit First Nation
- Six Nations of the Grand River
- Huron-Wendat Nation
- Métis Nation of Ontario

### Consultation process activities may include:

- Early notification of project information
- Proactive solicitation of Indigenous involvement and active listening
- Open, flexible and responsive
- Offer to meet and discuss with communities based on their preferences and according to their protocols
- With communities with a direct interest, direct involvement in archaeology planning to inform and influence Project planning
- Capacity funding assistance to support Indigenous communities' meaningful participation
- Timely information sharing. Clear and direct responses on how concerns have been/will be addressed or why they cannot be addressed
- Avoid, minimize, mitigate adverse impacts on Aboriginal and treaty rights
- <sup>18</sup> Consideration of accommodation as part of a meaningful consultation process

# Community engagement



# Imperial in Ontario

## Founded in Ontario:

- Canada's largest refiner of petroleum products
- 130 years of providing reliable and affordable products

## Supporting Ontario households:

- Employs approximately 1,200 employees and up to 3,500 contractors a day

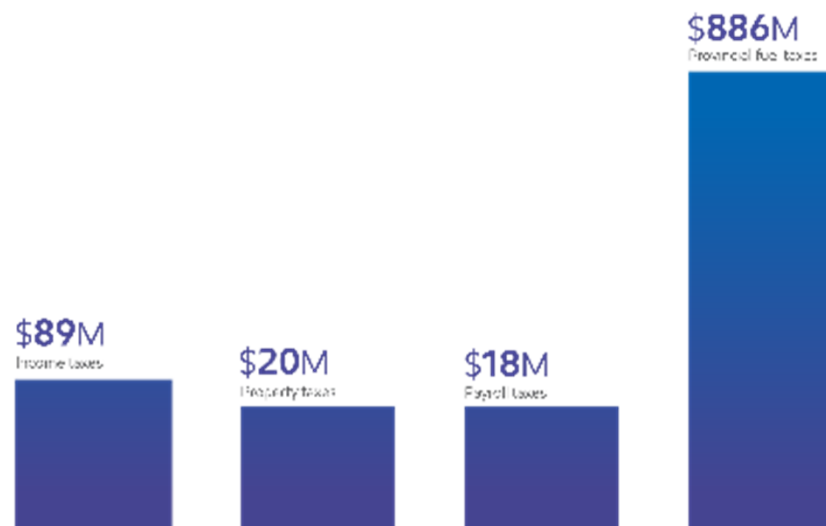
## Major capital projects:

- \$750 million in capital investments at Sarnia and Nanticoke refineries in the last decade

## R&D in Ontario:

- Invested more than \$300 million in research and development

## Imperial's Contributions in Ontario (2016)\*



\*Business Council of Canada 2016 Total Tax Contribution Survey

# Questions?

## For more information

W: [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)

T: 416.586.1915

E: [questions@imperialon.ca](mailto:questions@imperialon.ca)



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**August 3, 2018**  
**HONI/IO Process Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Hydro One (HONI)*

- Roman Dorfman, Sr. Real Estate Coordinator (RD)

*Infrastructure Ontario (IO)*

- Patrick Grace, Director, Infrastructure Ontario (PG)

*Imperial (IOL)*

- Ron Tourigny, Right of Way and Claims Coordinator (RT)

*CanACRE (CA)*

- Haseeb Amirzada, Director – Planning and Permitting (HA)

**Meeting Objectives**

- Confirm the HONI/IO process and timelines for approvals within HONI/IO Corridor lands

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Hydro One office (185 Clegg Road)</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• HONI/IO process and timelines</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's Waterdown to Finch Pipeline Project list of Activities leading up to HONI/IO technical approvals and Grant of Easement</li> </ul>
Discussion of process and timelines for HONI/IO approvals	<p><u>Activity List</u></p> <ul style="list-style-type: none"> <li>• RT thanked RD and PG for meeting to discuss our list of activities leading up to the anticipated approvals from HONI/IO. This meeting is to ensure we are not missing any steps along the way and to present some general expected timelines for various IOL submissions to HONI/IO and approvals expected to be received from HONI/IO.</li> <li>• HA provided hard copies of the list of activities and started to describe each to RD and PG.</li> <li>• RD stated that IOL's appraiser will need to have a meeting with IO's appraiser so that everyone is on board with IO's terms of reference. An official proposal needs to be submitted for the project before this meeting can take place.</li> <li>• HA indicated that an official submission is expected to happen next week, August 8. RD notified HA and RT that he would be away next week and that the submission would not start being reviewed until August 13th, when he comes back.</li> <li>• PG would like a summary of which stakeholders, government or otherwise, the project has contacted to date.</li> <li>• PG informed RT and HA that IO is no longer under the jurisdiction of the Ministry of Infrastructure but instead under the Ministry of Government and Consumer Services (MGCS). The realty branch of IO has been moved under MGCS under an Order in Council that was passed last Wednesday, July 25, 2018.</li> <li>• HA continued and informed that the Provincial Secondary Land Use Program (PSLUP) process was started but we have been informed by IO's Planner that this project would</li> </ul>

Topic	Discussion
	<p>be exempt from the Planning Act requirements as it is under the jurisdiction of the Ontario Energy Board. A declaration form will need to be signed and the municipal consultation aspect of this process will not be needed.</p> <ul style="list-style-type: none"> <li>• PG requested that the Ministry of Municipal Affairs and Housing should know about this project, if they have not been engaged yet. The project impacts the Parkway Belt West Plan and the Ministry may have some comments about it. RT will confirm if this Ministry has been engaged and get back to PG.</li> <li>• HA continued describing the expected appraisal process and timelines. RD stated that IOL should not rush with the appraisal since it is only effective 1 year from the date of the appraisal report. RD suggested to have the appraisal completed early in 2019. A meeting with both IOL and IO appraisers should be planned for early Fall 2018.</li> <li>• RD and PG started to discuss IOL's proposed easement. RT confirmed that a meeting will be scheduled with HONI/IO in late September to have a specific discussion related to the easement. RD indicated that a 10ft width will be the minimum that HONI/IO will accept for the pipeline. Other pipelines in the province are taking 30ft/60ft to ensure there is enough space for access to the pipeline for maintenance, integrity digs, etc. This helps avoid regular request for approvals from HONI/IO to perform any work once the pipe is in operation.</li> <li>• RD mentioned that him and the engineers would like to know what kind and how much information is going to be submitted for this project at various iterations and the anticipated schedule for it. HONI engineers want to see what the packages are going to look like and determine how much staffing and resources will be needed for this project. Then the various relevant parties (i.e. HONI, IO, IOL, CA, etc.) can reconvene to determine if there will be a need for a third-party and external reviewer.</li> <li>• PG reiterated from the last meeting that HONI/IO will always prioritize public infrastructure projects, such as municipal or Metrolinx proposals over these private proposals.</li> <li>• RD mentioned that IOL may potentially want to have a general agreement with HONI/IO for occupation of the HONI/IO corridor lands to conduct intrusive studies for a long period of time with a deposit.</li> <li>• RD stated that once the initial submission has been received by HONI for a technical review, HONI will have a meeting with internal stakeholders and establish the appropriate fee for the engineering review.</li> <li>• RD mentioned that their engineering teams may ask for a fee upfront to develop the AC Mitigation Report terms of reference and prepare the study with UPI. This would be determined after the initial project submission.</li> <li>• RD wanted to make sure that HONI/IO's existing secondary land uses have been contacted. RT and HA confirmed that we have already received a list of tenants on the HONI/IO corridor lands and the project has been consulting with them. RD indicated that there may need to be some rent relief for the existing secondary land users once the easement is approved.</li> <li>• HA started to describe the IO Class EA activities and proposed timelines. PG would like the Duty to Consult process as a separate line item in this process. It has been a major</li> </ul>

Topic	Discussion
	<p>concern in the past and goes through a different process since it needs to go to MGCS for approval and not IO.</p> <ul style="list-style-type: none"> <li>PG mentioned that an activity item for the legal review of agreements should be added to make sure it is completed in due time. HA indicated that this has been considered as part of the completion of agreements and appraisals process but can be made more explicit in the list. PG informed HA and RT that there will be some commercial changes to the IO agreement templates taking place soon.</li> <li>PG cautioned that the signing of IO's agreements might take a long time. There are three committees that PG must go through for approvals prior to executing the agreements. HA mentioned we are expecting all the appraisal and easement values will be finalized in the first quarter of 2019. The approvals process through each committee would be able to start at that time. RD suggested to add a buffer at the end of the process for easement approval and registration.</li> <li>PG requested a digital copy of the Activity list that was provided at this meeting.</li> </ul>
Next Steps	<ul style="list-style-type: none"> <li>RT will get back to RD and PG for a proposed meeting to discuss the pipeline easement width in late September as well as scheduling a meeting with the appraisers.</li> </ul>
Summary of Actions	
Summary of Actions	Who
<ul style="list-style-type: none"> <li>IOL/CA and IOL's appraiser to schedule a meeting with IO's appraiser once a formal project submission has been received by HONI/IO. Ideally in early Fall 2018.</li> </ul>	RT/CA
<ul style="list-style-type: none"> <li>IOL to provide a summary/list of all government and other stakeholders that the project has engaged, to-date.</li> </ul>	RT
<ul style="list-style-type: none"> <li>RT to confirm if the Ministry of Municipal Affairs and Housing has been engaged for this project.</li> </ul>	RT
<ul style="list-style-type: none"> <li>CA to prepare a list of all deliverables expected at each iteration of drawings and submissions to HONI/IO and the timelines for each.</li> </ul>	CA
<ul style="list-style-type: none"> <li>CA to add a separate item for Duty to Consult and Legal Review to the HONI/IO Activity list and provide to RD and PG in a digital form.</li> </ul>	CA
<ul style="list-style-type: none"> <li>RT to schedule a meeting with HONI, IO, and CA to discuss proposed pipeline easement in late September.</li> </ul>	RT



Potential topics to record for Isometrix reporting:

- |  |   |
|--|---|
| <input type="checkbox"/> Accidents and Malfunctions                                | <input type="checkbox"/> Aquatic Resources and species  |
| <input type="checkbox"/> Air Emissions and Noise                                   | <input type="checkbox"/> Archaeology                    |
| <input type="checkbox"/> Alternatives  | <input type="checkbox"/> Community Contribution Request |
| <input type="checkbox"/> Cultural Heritage Resources                               | <input type="checkbox"/> Groundwater                    |
| <input type="checkbox"/> Emergency Response  | <input checked="" type="checkbox"/> Operational Issue   |
| <input checked="" type="checkbox"/> Excavation/Damage Prevention/Pipeline Location |   |
| <input checked="" type="checkbox"/> Right-of-Way/Access Agreement                  | <input type="checkbox"/> Traditional use                |
| <input checked="" type="checkbox"/> Safety, Health and Environment                 | <input type="checkbox"/> Vegetation                     |
| <input type="checkbox"/> Socioeconomic (labour, economy, social)                   | <input type="checkbox"/> Wetlands                       |
|  | <input type="checkbox"/> Wildlife and Habitat           |


**FW: OEB project Waterdown to Finch pipeline**

Matthew Scoular [Matthew.Scoular@erm.com]

**Sent:** Tuesday, August 07, 2018 10:36 AM**To:** Imperial Isometrix

Best,

Matt Scoular

**ERM****M** +1 416 567 7126 

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**From:** Barboza, Karla (MTCS) <Karla.Barboza@ontario.ca>**Sent:** Tuesday, August 07, 2018 10:16 AM**To:** umcarubm@pathcom.com**Cc:** Daniel Walker <Daniel.Walker@erm.com>; Matthew Scoular <Matthew.Scoular@erm.com>; Hatcher, Laura (MTCS) <Laura.E.Hatcher@ontario.ca>**Subject:** RE: OEB project Waterdown to Finch pipeline



Hi Richard,

The proposed approach is satisfactory and consistent with other gas pipeline projects. I'm copying Laura Hatcher, MTCS Heritage Planner, who is assigned to this file (MTCS File# 0009034).

We look forward to receiving a copy of the Cultural Heritage Assessment Report for review. If you have any additional questions, please do not hesitate to contact me or Laura.

Regards,

Karla

Karla Barboza MCIP, RPP, CAHP | (A) Team Lead, Heritage  
Ministry of Tourism, Culture and Sport  
Culture Division | Programs and Services Branch | Heritage Program Unit  
T. 416.314.7120  | fax: 416.212.1802  | Email: [karla.barboza@ontario.ca](mailto:karla.barboza@ontario.ca)

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**From:** [umcarubm@pathcom.com](mailto:umcarubm@pathcom.com) [<mailto:umcarubm@pathcom.com>]**Sent:** August-03-18 3:57 PM**To:** Barboza, Karla (MTCS)**Cc:** Daniel Walker; Matthew Scoular**Subject:** OEB project Waterdown to Finch pipeline

Hi Karla

We meet with the client ERM Consultants to discuss the project. Laura Hatcher had attended an earlier meeting with ERM to discuss the Archaeology component.

The construction corridor will be 25m in width - 12.5m on either side of the centre line with two-thirds of the study being completed on HON1 corridor lands.

As we discussed earlier, UMcA will apply a 50m study buffer to either side of the 25m construction

EXHIBIT H  
Record of Consultation - Supporting Documents

Filed: 2019-02-22  
EB-2019-0007  
Tab 1, Schedule 3  
Page 111 of 167

zone to review cultural heritage resources of interest and significance that may receive affects from the project. Each municipality will be contacted through the study area to review listed or designated properties on municipal registers. A windshield survey will be completed to prepare an existing conditions study and identify potential sensitivities.

We trust this is satisfactory and look forward to discussing the project with MTCS in the future.

Have a good long weekend.


Richard

*Richard Unterman, Principal,  
Unterman McPhail Associates  
M.A. Conservation Studies,  
Dipl. Restoration Technology, CAHP  
540 Runnymede Road, Toronto, ON M6S 2Z7  
Tel. 416.766.7333* 

Email: [umcarubm@pathcom.com](mailto:umcarubm@pathcom.com)

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

77 Grenville Street  
6<sup>th</sup> Floor  
Toronto ON M7A 2C1

Tel: (416) 314-2599

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

77 rue Grenville  
6<sup>es</sup> étage  
Toronto ON M7A 2C1

Tél: (416) 314-2599



**Indigenous Energy Policy**

VIA EMAIL

September 10, 2018

Kelly Williams  
Imperial Indigenous Relations-Ontario Region  
Imperial Oil Limited  
100 5<sup>th</sup> Conc E, Waterdown,  
ON L0R 2H1

**Re: Waterdown to Finch Pipeline Project**

Dear Kelly Williams:

Thank you for your email dated May 23, 2018 notifying the Ministry of Energy, Northern Development and Mines of Imperial Oil's intention to apply for Leave to Construct for the Waterdown to Finch Station Pipeline project and requesting clarification on duty to consult requirements.

I understand that Imperial Oil is planning to redevelop a pipeline in order to provide fuel across the Greater Toronto and Hamilton Area, including jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel. The project consists of approximately 63 kilometers of the existing line with new pipe. The proposed pipeline will commence at Waterdown Station [43.33500° N, 79.93248° W], and will end at the company's terminal storage facility at North York's Finch Terminal [43.76652° N, 79.48878° W]. If approved, construction is anticipated to begin in 2019.

The Ministry has reviewed the information provided relative to its current understanding of the interests of First Nation and Métis communities in the area and has determined that it may have the potential to affect First Nation communities who hold or claim Aboriginal or treaty rights protected under Section 35 of Canada's *Constitution Act* 1982.

As you are aware, the Government of Ontario (the "Crown") has a constitutional duty to consult and accommodate First Nation and Métis communities when Crown project approvals may lead to an appreciable adverse impact on established or asserted Aboriginal or treaty rights. While the legal duty to consult falls on the Crown, the Crown

may delegate the day-to-day, procedural aspects of consultation to project proponents. The Ministry of the Energy, Northern Development and Mines is delegating the procedural aspects of consultation to Imperial Oil through this letter.

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

Community	Mailing Address
Mississaugas of the New Credit First Nation	2789 Mississauga Road R.R. #6 Hagersville, ON N0A 1H0
Six Nations of the Grand River *	Six Nations of the Grand River Elected Council PO Box 5000 Ohsweken, Ontario N0A 1M0  Haudenosaunee Confederacy Chiefs Council P.O Box 714 Ohsweken, ON N0A 1M0
Huron Wendat**	255, place Chef Michel Laveau Wendake, QC G0A 4V0

Note:

\*Please note, proponents are required to consult with both, Six Nations Elected Council and Haudenosaunee Confederacy Chiefs Council (HCCC). Please copy Haudenosaunee Development Institute (HDI) on all correspondence to Haudenosaunee Confederacy Chiefs Council (HCCC).

\*\*interests are specific to archeological resources

This rights-based consultation list is based on information that is subject to change. First Nation and Métis communities may make new rights assertions at any time, and other developments (e.g. the discovery of Aboriginal archaeological sites) can occur that may require additional First Nation and/or Métis communities to be notified and/or consulted. If you become aware of potential rights impacts on communities that are not listed above at any stage of the consultation and approval process, kindly bring this to the attention of the Ministry with any supporting information regarding the claim. The Ministry will then assess whether it is necessary to include the community on the rights-based consultation list above.

It is the Ministry's expectation that Imperial Oil will communicate directly with the communities listed above, and that Imperial Oil will:

- Notify the communities that Imperial Oil has been delegated the procedural aspects of consultation by the Ministry of Energy, Northern Development and Mines on behalf of Ontario.
- Notify the communities that they may contact the Crown directly should they have any questions or concerns.
- Provide the communities with the following contact information should they wish to communicate directly with the Ministry:

Raina Crasto  
Policy Advisor, Indigenous Energy Policy  
Ministry of Energy, Northern Development and Mines  
416-326-4571/[raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca)

Shannon McCabe  
Senior Advisor, Indigenous Energy Policy  
Ministry of Energy, Northern Development and Mines  
416-212-6704 / [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca)

- Please copy the Ministry contact when communicating the above information.

The Ministry relies on consultation conducted by proponents when it assesses the Crown's obligations and directs proponents during the regulatory process. Imperial Oil's responsibilities for procedural aspects of consultation include:

- Providing the First Nation communities with timely notice of the project for the purposes of considering possible impacts on their Aboriginal and/or treaty rights;
- In that notice, clearly stating that Imperial Oil has been delegated the procedural aspects of consultation by the Ministry of Energy, Northern Development and Mines on behalf of Ontario for the project.
- Providing First Nation communities with information about the project including anticipated impacts, and information on project timelines;
- Following up with First Nation communities to ensure they have received project information and that they are aware of the opportunity to express comments and concerns about the project;
- Explaining the regulatory and approval processes that apply to the project;
- Gathering information about how the project may adversely impact the relevant Aboriginal and/or treaty rights (for example, hunting, fishing) or sites of cultural significance (for example, burial grounds, archaeological sites);
- Considering the comments and concerns raised by First Nation communities and providing responses;
- Where appropriate, discussing accommodation, including mitigation or other measures to address potential adverse impacts on Aboriginal and/or treaty rights;

- Where appropriate, developing and discussing with the Crown appropriate accommodation measures;
- Taking reasonable steps to foster positive relationships with the First Nation communities;
- Bearing the reasonable costs associated with these procedural aspects of consultation; and
- Maintaining records of activities in relation to carrying out the delegated procedural aspects of consultation and providing information to the Ministry.

If you have any questions about this letter or require any additional information please contact Raina Crasto at 416-326-4571 or [raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca) and Shannon McCabe at 416-212-6704 or [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca).

Sincerely,



Morgan Owen  
A/Manager  
Indigenous Energy Policy

C: Ontario Pipeline Coordinating Committee (OPCC)  
Jessie Malone, Environmental and Regulatory Advisor, Safety Security Health and Environment, Imperial Oil Limited

**Imperial**  
**Waterdown to Finch Pipeline Project**  
**September 12, 2018**  
**MOECP ECA and Water Taking Permit Meeting Notes**

**Participants**

*Ontario Ministry of Environment, Conservation & Parks*

- Steven McAvoy (SM) – Program support Coordinator
- Karoly Tajnay – Supervisor, Surface Water Unit – Central Region, Technical Support Section
- Barb Slattery – Environmental Resource Planner & EA Coordinator
- Natalie Stacey – Supervisor; Air, Pesticides and Environmental Planning; West-Central Region
- Trevor Bell – Environmental Resource Planner & EA Coordinator; Central Region
- Adedoyin Adenowo – Senior Waste Water Engineer
- Gemma Connolly

Regrets:

- Paul Martin

*Imperial*

- Jessie Malone (JM)

*UPI*

- Hernan Castedo (HC)

*ERM*

- Matthew Scoular (MS)
- Amanda Juric (AJ)
- Elizabeth Sherlock (ES)
- Piotr Rzepecki (PR)

**Meeting Objectives**

- Pre-submission consultation meeting to discuss the Project, associated water taking permit requirements for Imperial's Waterdown to Finch Project.

Topic	Discussion
Location	5th Floor Boardroom, 135 St. Clair Avenue West
Agenda	<ul style="list-style-type: none"> <li>• Overview of Imperial's Waterdown to Finch Project</li> <li>• Project Description and Timeline</li> <li>• Engagement and Consultation</li> <li>• Water use associated with the Project</li> <li>• Anticipated MECP Permit Requirements</li> <li>• Identify permits needed from MECP</li> <li>• Guidance on water taking permit requirements</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial: PPT presentation, Pipeline route map</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>• Roundtable introductions between room and teleconference</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• JM shared a safety moment on an overview of activities for safe pipeline operation.</li> </ul>

Project Description & Timelines	<ul style="list-style-type: none"> <li>• JM provided a description of the SPPL operations at a high level – the SPPL takes product from Sarnia to Waterdown and then Waterdown to Finch. The pipeline moves refined product (gasoline, diesel, and jet fuel), and is considered to be “critical infrastructure” as it is one of the major suppliers to Pearson Airport. The pipeline has been in operation since the 1950’s.</li> <li>• JM provided details on the project: <ul style="list-style-type: none"> <li>○ The replacement project is focusing on the Waterdown to Finch segment of the pipeline. It is a 12” pipeline that will be replaced with a 12” pipeline. The new pipeline will be built parallel to the existing pipeline. Once the new pipeline is operational, the old one will be deactivated and left in place. The impact of removing the pipeline would be highly disruptive. The deactivated pipeline will be monitored and maintained similar to an operational pipeline</li> <li>○ The segment of the pipeline that runs between Waterdown to Oakville is through an Imperial owned easement. The section through Oakville/ Mississauga/Toronto area is within the HONI corridor.</li> <li>○ The overarching regulatory approval for the project is through the OEB leave to construct (LtC). The timeline for submitting the LtC is early 2019. The Environmental report is submitted in support of the LtC which includes a consultation report.</li> <li>○ The pipeline is being installed through a mix of construction methods - trench/ open cut and trenchless/HDD. It is anticipated that approximately one third of the entire pipeline length will be installed using HDD.</li> <li>○ Detailed engineering has been kicked off, but it is in the early stages.</li> <li>○ Community sessions hosted in July 2018 and another round planned for November</li> </ul> </li> <li>• Gemma – Inquired whether OEB submission will be concurrent to other applications?</li> <li>• JM – Confirmed that the process will be conducted in parallel due to compressed schedule</li> <li>• SM – Inquired as to which Indigenous communities have been engaged in the project?</li> <li>• JM – Listed the Indigenous Communities that are being engaged: The Mississauga’s of the New Credit First Nation, Six Nations, Huron-Wendat, and the Haudenosaunee Confederacy Chiefs Council</li> </ul>
Water Use Associated with the Project	<ul style="list-style-type: none"> <li>• JM – Reviewed the table of the 3 major water uses for the project on slide 10. JM stated that the initial plan is to source the water needs from the municipalities for drilling and hydrostatic testing, and that it is not anticipating a permit from the Ministry would be needed as the project is not intending to source this water from a natural water sources (surface or groundwater).</li> <li>• JM – water taking permit needed for dewatering during construction and no permit needed for operations. Intending to obtain one permit for the Project.</li> <li>• JM-Would like to know what the permit process is if we need an alternate plan involving the Ministry &amp; permit.</li> <li>• AA – Inquired about the intended plan to discharge water?</li> </ul>

- JM confirmed that water used for drilling mud would be sent to an approved disposal facility and the hydro test water would be discharged into the municipal sewage system.
- AA – Stated that if the water is to be discharged to the sanitary sewer, the discussion would have to be with each affected municipality to ensure they have capacity to treat the water and handle the volumes. If any water is discharging into a storm sewer, there is a need for an ECA – whether the water is pre-treated or not. The project would also need an approval from the municipality for using the storm sewer. As part of the process for getting an ECA, the project has to identify which contaminants of concern will be present in the water, what the proposed approach is for treating it before discharging, and an assessment of the impacts.
- Gemma – There are resources available for the information needed to apply for an ECA. This permit can include discharge to storm sewer and if none available, discharge to local environment. Note that the Project crosses two regions so different ECAs may be needed
- KT – Stated that the inquiry about the project being able to occur under one water taking permit or several, depended on multiple factors such as: the length of the project, and the number and type of sources water is being taken from. No definitive decision can be made on this based on the current information.
- PR- Recapped the methodology for the water estimated provided for construction dewatering. An assumption in the calculations is that no more than 5 km of the pipeline will be “open” at any one point in time.
- HC – Confirmed that the project construction will occur in two spreads with 2km of open trench in each plus 1km for trenchless/HDD.
- AA – Inquired whether precipitation/ rain water was included in water removal estimates.
- PR – Rain is not included in the volumes for water removed from the water system.
- AA – Advised to revise the estimated dewatering to include rain water/snowfall.
- JM – there is no more than 5km of the project open at any time. As the installation proceeds the sections are covered.
- AA – Inquired when any testing would occur, and how repairs would be conducted.
- HC – Confirmed that a pre-test will occur on any pipeline segments to be HDD’d prior to installation and then segment testing of trenched pipeline after it has been backfilled. If any failures are identified during the hydrostatic testing, then it would be repaired accordingly.
- PR – Provided an overview of the Category 3 application rationale, and the proposal to install 14 groundwater monitoring wells along corridor to capture a range of depths to water table. Data on groundwater is also being compiled in parallel to the ecological surveys being conducted on the watercourses.
- AA – Advise that regional MOECP offices should be engaged in the development of groundwater monitoring programs.
- SM – Commented that Source Protection Plans should be assessed in water discussions as the project crosses event-based areas for fuel spills. Also, for an ECA, screen any

	<p>discharges to intake protection zones and develop mitigation and monitoring requirements.</p> <ul style="list-style-type: none"> <li>• KT – Suggested a coordinated meeting between the project team and the Central and West-Central regions on details of the application process for a water taking permit. The Permit is administered by MOECP regional offices.</li> <li>• AA – Shared information that there are “Mobile Sewage Works” contractors who hold an ECA to treat any type of water and discharge it, anywhere in the province. These contractors may present an alternative to the project applying for a separate ECA. These contractors are not limited to a volume, provided that effluent limits in their ECA are met. These contractors still work with the regional MOECP office to demonstrate the contaminants of concern for the project, the treatment plan, and how monitoring requirements are being met. The contractors must submit a performance report to the regional office.</li> <li>• KT – Provided clarification that the water taking permit is about the TAKING of the water. Additional approval (in the form of an ECA) is required to discharge the water.</li> </ul>
Anticipated MOECP Permit Requirements	<ul style="list-style-type: none"> <li>• AA – Stated that the ground water monitoring plan should be reviewed by the regional offices, especially if it is in support of the Permit to Take Water.</li> <li>• KT – Added that both Central and West-Central regions should be engaged in the groundwater monitoring plan development.</li> <li>• MS – engineering team is currently developing construction plan to outline water sourcing and discharge locations; will send materials before meeting to support discussion and identify any ‘red flags’.</li> <li>• Gemma – Stated that a timeline on the ECA review cannot be provided as it depends on how complete the information in the application. The Water Taking Permit is issued and reviewed at the regional office, and the service standard is 90 days, contingent on a complete application. Service standard for an ECA is 12 months.</li> </ul>
Engagement and Consultations	<ul style="list-style-type: none"> <li>• AA – advised that in the engagement record with Indigenous communities to include copies of the materials that were shared during each engagement.</li> <li>• Approval of groundwater field program by the Regional offices important before implementing; suggest meeting week of Oct 2</li> </ul>
Summary of Actions	
<ul style="list-style-type: none"> <li>• MOECP will send ECA checklist and guidance documents, and Enbridge ECA as an example.</li> </ul>	SM (MOECP)
<ul style="list-style-type: none"> <li>• Imperial to send draft groundwater monitoring plan (depths, Hydraulic conductivity and GW quality parameters) memo for MOECP Regional offices (Central and West-Central) technical support for their endorsement.</li> <li>• Schedule a meeting for the week of October 2 to discuss details and whether one WTP for the Project or two (depends on the #, type, and location of water taking sources)</li> </ul>	ERM

<ul style="list-style-type: none"> <li>Imperial to send project water requirements and management plan for water taking sources and discharge locations to MOECP in advance of next meeting week of October 2.</li> </ul>	UPI
<ul style="list-style-type: none"> <li>Look on MOECPs Access Environment website for private companies that have ECAs to support WFP construction water treatment to stormwater or environment</li> </ul>	ERM
<ul style="list-style-type: none"> <li>Incorporate rain water from storm water/overland systems into dewatering calculation</li> </ul>	ERM
<ul style="list-style-type: none"> <li>Look into provincial policy (and regional government and CA mandates) for the consideration of source water protection for water taking / disposal activities – this policy should be incorporated into OEB ER, MOECP ECAs/WTP, CA applications</li> </ul>	ERM
<ul style="list-style-type: none"> <li></li> </ul>	
<ul style="list-style-type: none"> <li></li> </ul>	
<ul style="list-style-type: none"> <li></li> </ul>	

Potential topics to record for Isometrix reporting:

- |   |   |
|---|---|
| <input type="checkbox"/> Accidents and Malfunctions                     | <input type="checkbox"/> Aquatic Resources and species  |
| <input type="checkbox"/> Air Emissions and Noise                        | <input type="checkbox"/> Archaeology                    |
| <input type="checkbox"/> Alternatives                                   | <input type="checkbox"/> Community Contribution Request |
| <input type="checkbox"/> Cultural Heritage Resources                    | <input checked="" type="checkbox"/> Groundwater         |
| <input type="checkbox"/> Emergency Response                             | <input type="checkbox"/> Operational Issue              |
| <input type="checkbox"/> Excavation/Damage Prevention/Pipeline Location |   |
| <input type="checkbox"/> Right-of-Way/ Access Agreement                 | <input type="checkbox"/> Traditional use                |
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|   | <input type="checkbox"/> Wildlife and Habitat           |



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**September 13, 2018**  
**Ministry of Natural Resources and Forestry (MNRF) Aurora and Guelph Meeting Notes**

**Participants**

*MNRF Aurora District*

- Bohdan Kowalyk (BK)
- April Currie (AC)

*MNRF Guelph District (Phone)*

- Anne-Marie Laurence (AML)
- Tara McKenna

*Imperial*

- Jessie Malone (JM)

*ERM*

- Matthew Scoular (MS)
- Mark Welsh (MW)
- Amanda Juric

*Savanta*

- Tom Hilditch (TH)
- Sara Ross

**Meeting Objectives**

- Pre-submission consultation meeting to provide Project update, discuss Information Gathering Form (IGF), and other MNRF requirements/guidance for Imperial's Waterdown to Finch Project

Topic	Discussion
Location	MNRF Aurora District Office; 50 Bloomington Rd. Aurora, ON.
Agenda	<ul style="list-style-type: none"> <li>• Project Update</li> <li>• Ongoing/planned environmental studies</li> <li>• Field Program Results and Mitigation</li> <li>• MNRF Permitting Requirements/Advice</li> <li>• Engagement and Consultation</li> <li>• Summary/Closing</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial: PowerPoint presentation, Pipeline route map with Ecological Land Classification (ELC) and Species at Risk (SAR) observations</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>• Roundtable introductions conference room and teleconference</li> </ul>
Project Update	<ul style="list-style-type: none"> <li>• JM provided a high-level overview of the field work completed to date, noting that the summer programs were either complete or nearing completion – for example there are some fisheries and fall vegetation surveys to complete. The other large field program that has been kicked off is the Stage 2 archeology assessments (AA). Additionally, the project has completed a preliminary delineation of trenched vs. trenchless pipe installation scope to develop environmental mitigation plans. JM briefly spoke to the consultation that is occurring, noting that the project has received the Ministry of Energy duty to consult delegation to consult with the Mississaugas of the New Credit First Nation (MNCFN), Six Nations, Haudenosaunee Confederacy, and Huron Wendat. Field monitors from MNCFN, Six Nations, and Huron Wendat are currently participating in the archeology program.</li> <li>• BK – Inquired whether any public consultation have been occurring.</li> <li>• JM – Noted that there have been public information sessions in July across the impacted municipalities, and that a second round of sessions is scheduled to occur in November as per OEB direction.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>• BK – Inquired as to the concerns raised in the first round of public information session.</li> <li>• JM – Summarized that the concerns were centered on private land owner access and impact, and that there is a contractor (CanAcres) working on land issues. It was also noted that general noise and traffic concerns were raised in Toronto and Mississauga.</li> <li>• MS - Added that there has also been consultation with the 4 conservation authorities and Niagara Escarpment Commission, Ministry of Energy, Ministry of Tourism, Culture and Sport (MCTS), Ministry of Environment, Conservation, and Parks (MOECP), Ministry of Government and Consumer Services (MGCS), and Hydro One.</li> <li>• BK – Asked whether another notice of commencement will be issued by the MGCS.</li> <li>• JM- Replied that a notice of commencement may be issued if a Class EA is required.</li> <li>• JM – Provided a brief overview of the pipeline installation methods for background on the discussion of trench (open-cut) vs. trenchless installation (Borehole and Horizontal Directional Drilling [HDD])</li> <li>• MS - Stated that approximately 1/3 of the pipeline length will be installed via trenchless methods at major watercourses, highways, roads, other infrastructure.</li> </ul>
Field Program Results and Mitigation	<ul style="list-style-type: none"> <li>• MS – Provided an overview of the Biophysical Cultural studies slide</li> <li>• MW – Discussed JESA slides of PowerPoint presentation. The following was highlighted: <ul style="list-style-type: none"> <li>○ Regulated habitat demonstrated in the mapping was based on MNRF district maps. The data was digitized from PDF maps as shape files were unavailable.</li> <li>○ The black lines on the mapping denotes trenchless drilling (JM indicated that thick line = HDD, thin line = Borehole methods); yellow overlay indicates the disturbance footprint.</li> <li>○ Existing and replacement pipeline easement is within JESA regulated habitat at 5 locations. The mitigation measures proposed for construction in these locations includes the construction timing. The project is targeting installation in these regulated habitats between January and March.</li> <li>○ AML – Advised that the project should consider starting work as early as December 1<sup>st</sup>, and aim to have a mid-February cut-off as a precaution for an early spring/JESA migration to breeding habitat.</li> <li>○ AC noted that restoration activities would also have to comply with timing windows.</li> </ul> </li> <li>• For KP 4.55 – 5.4 it was noted that: <ul style="list-style-type: none"> <li>○ Enbridge pipeline that crosses Imperial's pipeline, and there is a residential property along this segment.</li> <li>○ This is the boundary between Guelph and Aurora Districts.</li> <li>○ No Blanding turtle regulated areas identified by MNRF in this segment.</li> </ul> </li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>○ The work in this segment is within the existing easement and private property, and the set up for the drilling will be on private property.</li> <li>○ AML – Commented that this area of the project may be one where the timing window should be set firmly within the winter period.</li> <li>• For KP 7.9 – 8.45 it was noted that: <ul style="list-style-type: none"> <li>○ MS - Timing restrictions will be in place during this area.</li> <li>○ MS - Trenched areas will be restored to conditions set out with agricultural land owners and best practice.</li> </ul> </li> <li>• For KP 9.4-9.8 it was noted: <ul style="list-style-type: none"> <li>○ MS- Open cut trenching was planned because this area is an already disturbed area.</li> <li>○ There are some forested areas in this segment and that there is a need to look at right of way and landownership.</li> <li>○ BK – Commented that it would be good to have pictures in these areas to visualize the habitat.</li> <li>○ JM- Stated that the corridor has had some vegetation management in past 10 years in accordance with TSSA and CSA pipeline code.</li> <li>○ BK –asked for Savanta to provide details of the vegetation species when classified as Cultural thicket vs Cultural Meadow in ELC mapping.</li> </ul> </li> <li>• TH – Commented that based on 1-year of observations, the absence of JESA cannot be made to inform the installation plans. Vernal ponds have been flagged as important. TH asked whether MNRF knows of suitable JESA habitat that the project should be preemptively be planning for trenchless installation.</li> <li>• BK – Added that trenchless methods would be a way to avoid the requirement to obtain an overall benefit permit (OBP).</li> <li>• TH – Stated the intention to share the plan and draft IGF</li> <li>• AML – Recommended the project consider section 23.18 of <i>Endangered Species Act</i> (ESA) exemption regulation O.Reg. 242/08 – threats to health and safety to explore whether SAR mitigation plans can go through that process vs. OBP.</li> <li>• BK – Commented that the regulated habitat areas were established 10 years ago using 300m buffer of confirmed habitat, and project should consider 1000m. Also advised to consider vernal pools and the forested areas as potential habitat.</li> </ul>
MNRF Permitting Requirements/ Advice	<ul style="list-style-type: none"> <li>• TH provided an overview of other SAR, noting that: <ul style="list-style-type: none"> <li>○ Field survey work is still underway;</li> <li>○ 4 threatened bird species, 26 Butternut trees, Blandings turtle in Lake Medad area have been identified.</li> <li>○ S3 species also have been flagged, such as mapped monarch use areas, terrestrial crayfish areas - no results mapped, but observations have been made.</li> <li>○ The habitat of 3 sensitive species: Monarch, Eastern Peewee, and Wood Thrush are being considered in the restoration plans.</li> <li>○ BK –Inquired about bat monitoring approach.</li> <li>○ TH- sated that bat monitoring has used acoustic surveys, as per locations provided by MNRF during consultations.</li> </ul> </li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>• MS - Stated that all PSWs were planned to be trenchless installation, and that the project is consulting with the MOECP about water taking permit(s).</li> <li>• AC - Commented that wetlands (un-evaluated wetland crossings) may require dewatering. Advised evaluating the unevaluated wetland crossings to see about drilling these areas to avoid the water taking permits and dewatering requirements.</li> <li>• AC - Inquired out of curiosity about the cost between trenched vs. trenchless installation.</li> <li>• JM - Stated that the cost of trench vs trenchless varies depending on the area, the depth of the drilling, but in ideal conditions the difference is an order of magnitude more expensive for trenchless.</li> <li>• BK - Inquired about the distance of trenched areas in wetland crossings.</li> <li>• MS - Stated that detailed tables with distances will be provided as part of the regulatory application. Including drawings for the different types of open cut approaches will be provided (i.e., dry or frozen to bottom vs. flowing water). A request for review will be submitted to DFO in advance of OEB filing with this anticipated to occur mid/late November.</li> <li>• MS - stated that for SAR, all watercourse crossings would be trenchless with exception of some of the tributaries and that fisheries field work will be looking at all watercourse</li> <li>• AC - Warned that crossing some of the tributaries may require a permit for Redside dace, and advised strongly to avoid the Redside dace habitat.</li> <li>• BK - Advised that if the Redside dace habitat information source was the NHIC, the data is likely outdated (i.e., Redside dace in Bronte Creek)</li> <li>• Re: watercourse discussion:             <ul style="list-style-type: none"> <li>○ JM - noted that 4 of the licenses of occupation for watercourse crossings from the original pipeline have been located in archives, and that the licenses of occupation were specific to a 10" and a 12" line.</li> <li>○ JM - asked whether the MNRF thought the project should amend the licenses, apply for new ones, or was the discussion irrelevant because the conservation authority permits cover the issue.</li> <li>○ BK - Recommended referring the question to the lands person at MNRF (Alexander Gawlina   Lands and Waters Technical Specialist   905-713-7410   <a href="mailto:alexander.gawlina@ontario.ca">alexander.gawlina@ontario.ca</a>). Stated that the MNRF usually does not require license of occupation for trenchless installation if the pipeline is under the bed of the watercourse.</li> </ul> </li> <li>• JM- Raised a question about managing JESA habitat during the archeology program, noting that MTCS told project that if MNRF said it was JESA habitat, test pits would not be required by the MTCS for those areas.             <ul style="list-style-type: none"> <li>○ AC - Asked whether a sample letter could be provided by MTCS for MNRF. MNRF could prepare this letter with the Guelph and Aurora districts collaborating.</li> </ul> </li> <li>• Re: JESA next step - a draft IGF will be submitted to MNRF for review, and will include the other SAR as well.</li> <li>• AC- Commented that if section 23 fits, an IGF may not be required.</li> <li>• JM - Suggested that the project will look into section 23 and submit a self-assessment to the MNRF in parallel to the IGF.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>BK – Inquired if the next version of mapping would include un-evaluated wetland mapping areas.</li> <li>MS – Stated that map books for the OEB submission will be developed and will include all environmental constraints</li> </ul>
<b>Summary of Actions</b>	
ERM to send MNRF draft mapping of 2018 SAR observations	MS
Imperial to solicit a sample letter from MTCS where the MNRF could state that they would prefer that archaeological test pitting is not conducted within JESA regulated habitat	JM
ERM/Savanta to provide photos of forest within JESA regulated habitat that would be disturbed during construction	MS
Imperial to explore ESA exemption regulation vs. IGF and OBP process for SAR and provide letter to MNRF	JM/MS
ERM to provide MNRF with draft watercourse crossing tables for MNRF to confirm SAR presence and in-water timing windows	MS
ERM to provide MNRF with draft wetland crossing tables including PSWs and unevaluated wetlands in advance of OEB filing	MS
Imperial to consider JESA timing window of December 1 – mid February in construction planning for regulated habitat and suitable habitat	JM
Imperial to explore feasibility of trenchless crossings of Redside dace habitat watercourses and unevaluated wetlands to avoid OBP and WTP requirements, respectively. Bronte Creek will be removed as Redside dace habitat as per MNRF recommendation.	JM
Imperial to follow up with MNRF lands group regarding need for LOs. Not likely required due to trenchless installation of major watercourses.	JM

Potential topics to record for Isometrix reporting:

- |   |   |
|---|---|
| <input type="checkbox"/> Accidents and Malfunctions                     | <input checked="" type="checkbox"/> Aquatic Resources and species |
| <input type="checkbox"/> Air Emissions and Noise                        | <input type="checkbox"/> Archaeology                              |
| <input type="checkbox"/> Alternatives                                   | <input type="checkbox"/> Community Contribution Request           |
| <input type="checkbox"/> Cultural Heritage Resources                    | <input type="checkbox"/> Groundwater                              |
| <input type="checkbox"/> Emergency Response                             | <input type="checkbox"/> Operational Issue                        |
| <input type="checkbox"/> Excavation/Damage Prevention/Pipeline Location |   |
| <input type="checkbox"/> Right-of-Way/Access Agreement                  | <input type="checkbox"/> Traditional use                          |
| <input type="checkbox"/> Safety, Health and Environment                 | <input checked="" type="checkbox"/> Vegetation                    |
| <input type="checkbox"/> Socioeconomic (labour, economy, social)        | <input checked="" type="checkbox"/> Wetlands                      |
|   | <input checked="" type="checkbox"/> Wildlife and Habitat          |

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

77 Grenville Street  
6<sup>th</sup> Floor  
Toronto ON M7A 2C1

Tel: (416) 314-2599

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

77 rue Grenville  
6<sup>ème</sup> étage  
Toronto ON M7A 2C1

Tél: (416) 314-2599



**Indigenous Energy Policy**

VIA EMAIL

September 10, 2018

Kelly Williams  
Imperial Indigenous Relations-Ontario Region  
Imperial Oil Limited  
100 5<sup>th</sup> Conc E, Waterdown,  
ON L0R 2H1

**Re: Waterdown to Finch Pipeline Project**

Dear Kelly Williams:

Thank you for your email dated May 23, 2018 notifying the Ministry of Energy, Northern Development and Mines of Imperial Oil's intention to apply for Leave to Construct for the Waterdown to Finch Station Pipeline project and requesting clarification on duty to consult requirements.

I understand that Imperial Oil is planning to redevelop a pipeline in order to provide fuel across the Greater Toronto and Hamilton Area, including jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel. The project consists of approximately 63 kilometers of the existing line with new pipe. The proposed pipeline will commence at Waterdown Station [43.33500° N, 79.93248° W], and will end at the company's terminal storage facility at North York's Finch Terminal [43.76652° N, 79.48878° W]. If approved, construction is anticipated to begin in 2019.

The Ministry has reviewed the information provided relative to its current understanding of the interests of First Nation and Métis communities in the area and has determined that it may have the potential to affect First Nation communities who hold or claim Aboriginal or treaty rights protected under Section 35 of Canada's *Constitution Act* 1982.

As you are aware, the Government of Ontario (the "Crown") has a constitutional duty to consult and accommodate First Nation and Métis communities when Crown project approvals may lead to an appreciable adverse impact on established or asserted Aboriginal or treaty rights. While the legal duty to consult falls on the Crown, the Crown

may delegate the day-to-day, procedural aspects of consultation to project proponents. The Ministry of the Energy, Northern Development and Mines is delegating the procedural aspects of consultation to Imperial Oil through this letter.

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

Community	Mailing Address
Mississaugas of the New Credit First Nation	2789 Mississauga Road R.R. #6 Hagersville, ON N0A 1H0
Six Nations of the Grand River *	Six Nations of the Grand River Elected Council PO Box 5000 Ohsweken, Ontario N0A 1M0  Haudenosaunee Confederacy Chiefs Council P.O Box 714 Ohsweken, ON N0A 1M0
Huron Wendat**	255, place Chef Michel Laveau Wendake, QC G0A 4V0

Note:

\*Please note, proponents are required to consult with both, Six Nations Elected Council and Haudenosaunee Confederacy Chiefs Council (HCCC). Please copy Haudenosaunee Development Institute (HDI) on all correspondence to Haudenosaunee Confederacy Chiefs Council (HCCC).

\*\*interests are specific to archeological resources

This rights-based consultation list is based on information that is subject to change. First Nation and Métis communities may make new rights assertions at any time, and other developments (e.g. the discovery of Aboriginal archaeological sites) can occur that may require additional First Nation and/or Métis communities to be notified and/or consulted. If you become aware of potential rights impacts on communities that are not listed above at any stage of the consultation and approval process, kindly bring this to the attention of the Ministry with any supporting information regarding the claim. The Ministry will then assess whether it is necessary to include the community on the rights-based consultation list above.

It is the Ministry's expectation that Imperial Oil will communicate directly with the communities listed above, and that Imperial Oil will:

- Notify the communities that Imperial Oil has been delegated the procedural aspects of consultation by the Ministry of Energy, Northern Development and Mines on behalf of Ontario.
- Notify the communities that they may contact the Crown directly should they have any questions or concerns.
- Provide the communities with the following contact information should they wish to communicate directly with the Ministry:

Raina Crasto  
Policy Advisor, Indigenous Energy Policy  
Ministry of Energy, Northern Development and Mines  
416-326-4571/[raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca)

Shannon McCabe  
Senior Advisor, Indigenous Energy Policy  
Ministry of Energy, Northern Development and Mines  
416-212-6704 / [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca)

- Please copy the Ministry contact when communicating the above information.

The Ministry relies on consultation conducted by proponents when it assesses the Crown's obligations and directs proponents during the regulatory process. Imperial Oil's responsibilities for procedural aspects of consultation include:

- Providing the First Nation communities with timely notice of the project for the purposes of considering possible impacts on their Aboriginal and/or treaty rights;
- In that notice, clearly stating that Imperial Oil has been delegated the procedural aspects of consultation by the Ministry of Energy, Northern Development and Mines on behalf of Ontario for the project.
- Providing First Nation communities with information about the project including anticipated impacts, and information on project timelines;
- Following up with First Nation communities to ensure they have received project information and that they are aware of the opportunity to express comments and concerns about the project;
- Explaining the regulatory and approval processes that apply to the project;
- Gathering information about how the project may adversely impact the relevant Aboriginal and/or treaty rights (for example, hunting, fishing) or sites of cultural significance (for example, burial grounds, archaeological sites);
- Considering the comments and concerns raised by First Nation communities and providing responses;
- Where appropriate, discussing accommodation, including mitigation or other measures to address potential adverse impacts on Aboriginal and/or treaty rights;

- Where appropriate, developing and discussing with the Crown appropriate accommodation measures;
- Taking reasonable steps to foster positive relationships with the First Nation communities;
- Bearing the reasonable costs associated with these procedural aspects of consultation; and
- Maintaining records of activities in relation to carrying out the delegated procedural aspects of consultation and providing information to the Ministry.

If you have any questions about this letter or require any additional information please contact Raina Crasto at 416-326-4571 or [raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca) and Shannon McCabe at 416-212-6704 or [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca).

Sincerely,



Morgan Owen  
A/Manager  
Indigenous Energy Policy

C: Ontario Pipeline Coordinating Committee (OPCC)  
Jessie Malone, Environmental and Regulatory Advisor, Safety Security Health and Environment, Imperial Oil Limited

**RE: Imperial Waterdown to Finch Project - land inquiry**

Malone, Jessie M [jessie.m.malone@esso.ca]

**Sent:** Thursday, September 20, 2018 1:58 PM**To:** Gawlina, Alexander (MNRF) [Alexander.Gawlina@ontario.ca]**Cc:** Matthew Scoular [Matthew.Scoular@erm.com]; Harvard, Jennifer (MNRF) [Jennifer.Harvard@ontario.ca]; Tourigny, Ron [ron.tourigny@esso.ca]

Hi Alex,

In response to the two questions raised in yesterday's meeting, please see below.

In consultation with our Landman, it would be helpful if you could provide us with the following in advance of our next discussion:

- A copy of a typical easement application for watercourse crossings
- Legislative background for easement application requirements (or guideline for easement requirements?)

Assessment and additional information that supports in situ de-activation of the existing pipeline:  
*After the new pipeline is safely installed and operation is switched over, the existing pipeline will be deactivated and left in place. This deactivation will consist of cleaning the line to remove residual hydrocarbon, disconnecting power where appropriate, segmenting the pipeline by removing block valves and installing blind flanges and CP bonding cables, filling the segments with nitrogen to a pressure that can be monitored (e.g. 50 psig), and isolating the ends of the pipeline with blind flanges. Cathodic protection will be maintained to mitigate the potential for corrosion. The deactivation will follow all TSSA requirements as well as CSA Z662 code. Imperial will include the deactivated pipeline as part of the ongoing monitoring program, including both pressure monitoring and as well as visual inspections of the pipeline right of way. If ROW monitoring indicates a potential depth of cover issue, corrective actions will be taken.*

*The existing Imperial pipeline is located in a shared corridor in close proximity to other existing pipelines owned and operated by other pipeline companies. The removal of the Imperial line may impact these other lines causing additional work in the area and additional disturbance. The removal of the existing line will increase the construction footprint along the right of way beyond what is proposed for the new pipeline installation. This increases the potential for environmental effects for all Valued Components including wildlife, vegetation, archaeology and others.*

*Finally, the duration of construction will be longer if the existing pipeline is removed and as such, there will be additional requirements for access through both private and public lands. Other construction effects such as noise, light, dust, will increase in duration. Leaving the existing pipeline in place allows for less disruption to the community and therefore less overall socio-economic impacts.*

Date of de-activation of 10" pipeline:

*I haven't been able to confirm the exact date, but the 10" pipeline was de-activated around the 1970s. There would not have been a need to amend the LoC as it was not abandoned, only idling (as per above) in case it is needed in the future.*

Thanks,

**Jessie Malone, P.Eng****Environmental and Regulatory Advisor**Safety Security Health and Environment, Imperial  
505 Quarry Park Blvd. SE, Calgary, AB T2C 5N1 | W5C.244[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca) | P 587.476.4799 | C. 403.826.5491  
[imperialoil.ca](http://imperialoil.ca) | [Twitter](#) | [YouTube](#)

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**From:** Malone, Jessie M

**Sent:** Wednesday, September 19, 2018 2:54 PM

**To:** 'Gawlina, Alexander (MNRF)' <Alexander.Gawlina@ontario.ca>

**Cc:** Matthew Scoular <Matthew.Scoular@erm.com>; Harvard, Jennifer (MNRF) <Jennifer.Harvard@ontario.ca>;  
Tourigny, Ron <ron.tourigny@esso.ca>

**Subject:** RE: Imperial Waterdown to Finch Project - land inquiry

Alex,

Please see attached LOs for the watercourse crossings for Imperial's SPPL pipeline – these are the 4 we've found in our archives to date, we believe there are 3 additional.

As discussed, please let me know once you've taken a look and let me know when you'd like to schedule a follow up meeting to discuss next steps.

Thanks,

**Jessie Malone, P.Eng**

**Environmental and Regulatory Advisor**

Safety Security Health and Environment, Imperial  
505 Quarry Park Blvd. SE, Calgary, AB T2C 5N1 | W5C.244

[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca) P 587.476.4799 | C. 403.826.5491  
[imperialoil.ca](http://imperialoil.ca) | [Twitter](#) | [YouTube](#)

---

**From:** Gawlina, Alexander (MNRF) [<mailto:Alexander.Gawlina@ontario.ca>]

**Sent:** Tuesday, September 18, 2018 1:33 PM

**To:** Malone, Jessie M <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>

**Cc:** Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>; Harvard, Jennifer (MNRF) <[Jennifer.Harvard@ontario.ca](mailto:Jennifer.Harvard@ontario.ca)>

**Subject:** RE: Imperial Waterdown to Finch Project - land inquiry

Hi Jessie,

If you could send both file types that would be great.

Alex Gawlina

Lands and Waters Technical Specialist

Ministry of Natural Resources and Forestry

Aurora District

50 Bloomington Road 4<sup>th</sup> Floor

Aurora ON L4G 0L8

Tel: 905-713-7410

[alexander.gawlina@ontario.ca](mailto:alexander.gawlina@ontario.ca)

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**From:** Malone, Jessie M [<mailto:jessie.m.malone@esso.ca>]

**Sent:** Tuesday, September 18, 2018 2:38 PM

**To:** Gawlina, Alexander (MNRF) <[Alexander.Gawlina@ontario.ca](mailto:Alexander.Gawlina@ontario.ca)>

**Cc:** Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>; Harvard, Jennifer (MNRF) <[Jennifer.Harvard@ontario.ca](mailto:Jennifer.Harvard@ontario.ca)>

**Subject:** RE: Imperial Waterdown to Finch Project - land inquiry

Great, sounds good Alex.

Do you have the ability to read a kmz (Google Earth) or shapefile? We have a PDF of the map, but the kmz and shapefiles are much more comprehensive if you're able to read them. Let me know and I will pass the appropriate format along.

Thanks,  
Jessie

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**From:** Gawlina, Alexander (MNRF) [<mailto:Alexander.Gawlina@ontario.ca>]  
**Sent:** Tuesday, September 18, 2018 11:16 AM  
**To:** Malone, Jessie M <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>  
**Cc:** Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>; Harvard, Jennifer (MNRF) <[Jennifer.Harvard@ontario.ca](mailto:Jennifer.Harvard@ontario.ca)>  
**Subject:** RE: Imperial Waterdown to Finch Project - land inquiry

Hi Jessie,

3 PM will work for myself and the Lands and Waters Technical Specialist from Guelph district Jennifer Harvard. I will send out a meeting request with a conference line number for you to call into tomorrow afternoon. Before our meeting tomorrow would it be possible for you to send me any maps showing the exact location of the existing pipe and the proposed new location?

Thank you

Alex Gawlina  
Lands and Waters Technical Specialist  
Ministry of Natural Resources and Forestry  
Aurora District  
50 Bloomington Road 4<sup>th</sup> Floor  
Aurora ON L4G 0L8  
Tel: 905-713-7410   
[alexander.gawlina@ontario.ca](mailto:alexander.gawlina@ontario.ca)

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**From:** Malone, Jessie M [<mailto:jessie.m.malone@esso.ca>]  
**Sent:** Tuesday, September 18, 2018 10:57 AM  
**To:** Gawlina, Alexander (MNRF) <[Alexander.Gawlina@ontario.ca](mailto:Alexander.Gawlina@ontario.ca)>  
**Cc:** Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>  
**Subject:** Imperial Waterdown to Finch Project - land inquiry

Hi Alex,

I'm reaching out on behalf of Imperial and the proposed Waterdown to Finch pipeline replacement project - I received your contact information from Bohdan Kowalyk. I was hoping you'd have some time available for a phone call to discuss land matters related to watercourse crossings for the replacement pipeline. Would you have some time available this week to discuss? Would Wednesday at 3pm work?

EXHIBIT H  
Record of Consultation - Supporting Documents

Filed: 2019-02-22  
EB-2019-0007  
Tab 1, Schedule 3  
Page 133 of 167


I can provide an overview of the project over the phone, but if you'd like to review any information ahead of time, our website contains the most up to date info [HERE](#).

**Jessie Malone, P.Eng**

**Environmental and Regulatory Advisor**

Safety Security Health and Environment, Imperial

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**Imperial**  
**Waterdown to Finch Pipeline Project**  
**October 3, 2018**  
**Ministry of Transportation – Permitting Follow-Up Call**  
**Conference Call Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Ministry of Transportation (MTO)*

- Christian Singh, Senior Project Manager (CS)

**Regrets:**

- John Yu, Manager, Planning and Permitting (JY)
- Ryo Kikuchi, Planner, Planning and Permitting (RK)

*Imperial (IOL)*

- Ron Tourigny, Right of Way and Claims Coordinator (RT)

*CanACRE*

- Haseeb Amirzada, Director, Planning and Permitting (HA)

**Meeting Objectives**

- Determine current progress and next steps on applications submitted for archaeological/geotechnical surveys and the initial Lands submission related to the proposed route.
- Determine progress on requests for information related to ongoing/future MTO projects along the proposed project route, GIS data, and as-built information for highway crossing locations.

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Conference Line</li> </ul>
Introductions	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Status update on the following: <ul style="list-style-type: none"> <li>▪ Geotechnical surveys application, including Soil Bore Location Review document provided on Sep 19, 2018;</li> <li>▪ Archaeological surveys application;</li> <li>▪ Initial submission to MTO sent on Aug 28, 2018;</li> <li>▪ Information on ongoing/future MTO projects along the proposed project route;</li> <li>▪ Title Record GIS data;</li> <li>▪ Existing as-built drawings/designs for all MTO crossings</li> </ul> </li> </ul>
Applications for archaeological/geotechnical surveys and initial Lands submission.	<ul style="list-style-type: none"> <li>• CS confirmed that two permits were issued electronically last week. HA and RT confirmed they have not received an electronic confirmation. CS will investigate this and follow up.</li> <li>• HA said if we received the permits, CanACRE can call the Corridor Management Officer today and pay for the permits.</li> </ul>

	<ul style="list-style-type: none"> <li>HA confirmed that the proposed borehole locations were identified based on the Ministry's CMO guidelines and the Project Manager from Stantec would like to speak with MTO's Foundations group to get confirmation on certain details.</li> <li>CS asked to be provided with a list of questions to be forwarded to the Foundations group. If the responses would require a verbal discussion then CS will try and coordinate a meeting between the Foundations Group and CanACRE/Imperial, as they are a very busy department.</li> <li>CS asked HA and RT to give him a day to follow up on where permits are sitting.</li> <li>HA asked CS to inform CanACRE on whether any of the initial Lands submission or survey deliverables are insufficient or could be formatted easier for the MTO staff and CanACRE will endeavour to provide whatever information helps their review.</li> <li>HA clarified with CS that Imperial is aiming to start construction towards the end of 2019.</li> <li>CS requested information on the timeline and phasing of the construction since it would help MTO with timing and coordinating Imperial's project with MTO's active construction. RT confirmed Imperial doesn't have a timeline for phased construction yet. 2 crews for pipeline construction are expected to be working on different areas of the route but all of this would be confirmed once the contractor is on board.</li> <li>CS cautioned that, from 2020-2021 onwards, MTO project schedules can be fluid and Imperial should keep MTO informed of their proposed schedule.</li> </ul>
Requests for Information	<ul style="list-style-type: none"> <li>HA said CanACRE is waiting to hear back on the GIS data requested from MTO to inform of their Title Record designations. CS confirmed that their geomatics team is reviewing the route to determine the designations. This would help inform the need for Encroachment permits and Building and Land Use permits. CS would follow up with the Property Section related to the surplus lands designations and if any were found along the proposed route.</li> <li>HA requested preliminary designs of future MTO projects where they may be occurring (i.e. Highways 401, 427, and 409) and as-built drawings for current MTO crossing locations. CS would follow up.</li> <li>HA confirmed that Metrolinx has been consulted in terms of the Hurontario LRT project occurring at Highway 403 and Hurontario Street.</li> </ul>

Summary of Actions		Who
<ul style="list-style-type: none"> <li>CS to determine status of permits that were electronically issued earlier this week.</li> </ul>		CS
<ul style="list-style-type: none"> <li>CanACRE to call Corridor Management Officer regarding payment of permits.</li> </ul>		HA
<ul style="list-style-type: none"> <li>CanACRE to provide list of questions for MTO Foundations group and CS to coordinate a meeting between the Foundations Group and CanACRE/Imperial, to discuss geotechnical investigations, if needed.</li> </ul>		HA/CS
<ul style="list-style-type: none"> <li>Follow up with MTO Geomatics to determine status of review of the proposed route and the request for Title Record data.</li> </ul>		CS
<ul style="list-style-type: none"> <li>Follow up with Property Section regarding MTO surplus lands designations.</li> </ul>		CS

<ul style="list-style-type: none"><li>• Keep MTO informed of project construction schedule and phasing, once available.</li></ul>	HA/RT
<ul style="list-style-type: none"><li>• Provide preliminary MTO designs where pipeline project may be impacted by future MTO projects and as-built information for current highway crossing locations.</li></ul>	CS

**Imperial**  
**Waterdown to Finch Pipeline Project**  
**October 10, 2018**  
**Introductory Meeting with TSSA**  
**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

**TSSA**

- Kourosh Manouchehri, Engineer, Fuels Safety (KM)
- Zenon Fraczkowski, Manager, Engineering, Fuel Safety (ZF)

**Imperial**

- Jessie Malone, Environment and Regulatory Advisor (JM)
- [jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)
- Omri Viner (OV), Terminal Superintendent, Nanticoke Terminal and SPPL
- [omri.m.viner@exxonmobil.com](mailto:omri.m.viner@exxonmobil.com)

**ERM**

- Jim Chan (JC), Environment, Social, Regulatory
- [jim.chan@erm.com](mailto:jim.chan@erm.com)
- Matthew Scoular (MS), Project Manager - teleconference
- [matthew.scoular@erm.com](mailto:matthew.scoular@erm.com)

**UPI**

- James Watson (JW), Project Manager Engineering - teleconference
- [James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)
- Hernan Castedo (HC), Pipeline Engineer - teleconference
- [Hernan.Castedo@hii-upi.com](mailto:Hernan.Castedo@hii-upi.com)

**Meeting Objectives**

**Primary Objectives:**

- Provide TSSA with a Project overview and address Q&As
- Confirm with TSSA Licence to Operate requirements from existing pipeline to new pipeline
- Understand potential construction audit scope and expectations

Topic	Discussion
Location	• TSSA office, 345 Carlingview Drive, Toronto, Ontario M9W 6N9
Agenda	• Meeting to introduce the Project and discuss TSSA areas of interest and requirements.
Materials	• Imperial: Powerpoint presentation to TSSA October 10, 2018
Introduction	• Imperial (JM) thanked everyone for making time to attend the meeting. We wanted to take the time to introduce the Project and answer questions that the TSSA may have.
Safety Moment	• JM provided a safety moment to open the meeting. As driving is a high-risk activity, when driving to a destination that is unfamiliar, it is a useful to pre-plan the journey. A

	<p>useful safety tip is to review a map of the location instead of solely relying on following the GPS coordinates, especially if unfamiliar with a new location/city.</p>
Project Overview	<ul style="list-style-type: none"> <li>• JM indicated that Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.</li> <li>• SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA).</li> <li>• SPPL supplies a significant portion of jet fuel used at Toronto Pearson International Airport, as well as gasoline and diesel that keeps people, goods and services moving in the GTHA.</li> <li>• SPPL has operated safely in the region for many years. It has been in operation since the 1950s. The line is ~65 years old and as a proactive measure, Imperial is planning to replace approximately 63 km of the 12" line with 12" new pipe. For the first 1/3, the new line will parallel the existing Imperial owned right-of-way. The remaining 2/3, the line will be within a new easement on the HONI utility corridor.</li> <li>• The pipeline will continue to operate safely until the replacement segments are prepared for operation.</li> <li>• JM indicated that Imperial kicked off engagement with regulators, landowners, the public, and Indigenous communities and held the first Community Information Sessions in July 2018.</li> <li>• Environmental field surveys were started in order to ensure we capture the field work during the seasonal windows. Field work occurred in the spring, summer and fall. Archaeology field work is starting. The geotechnical program is starting in order to help determine depth to bedrock and depth to the groundwater table to support engineering design and project planning.</li> <li>• Imperial has initiated the engineering design process. As a result of our early engagement, we look to incorporate feedback into the project design process.</li> <li>• We are planning the 2<sup>nd</sup> set of Community Information Sessions in November to inform the public and provide opportunities for feedback.</li> <li>• JM provided an overview of timelines (as described in the PowerPoint presentation), Spring 2018 project launch; Summer/Fall 2018 Community Information Sessions; Winter/Spring 2019 submission to OEB; Summer 2019 engineering design complete; Late Fall 2019 pre-construction communication. Late 2020 is the potential start date.</li> <li>• JM noted that Imperial has initiated discussions with the Ontario Energy Board (OEB). The major overarching regulatory process will be the filing of the leave to construct application with the OEB.</li> <li>• Other secondary regulatory approvals (Conservation Authorities, MECP, etc.) will be concurrent permit application submissions.</li> </ul>
Construction Methods	<ul style="list-style-type: none"> <li>• JM described the two proposed types of construction methods: open cut construction and trenchless construction using Horizontal Direction Drilling (HDD) or Horizontal Direction Boring (HD Bore).</li> <li>• JM indicated that notionally, trenchless construction methods are planned for ~1/3 of the total line replacement. The construction method will be informed by geotechnical</li> </ul>

	<p>information and environmental considerations. Imperial will look to avoid major watercourses, major road crossings, provincially significant wetlands and important archaeological features by using trenchless construction methods.</p> <ul style="list-style-type: none"> <li>• KM noted he will forward to the Imperial Project team the recent NEB notice/information regarding HDD construction safety measures and communication protocols between parties as it is useful information to be aware of.</li> </ul>
Imperial's Contributions	<ul style="list-style-type: none"> <li>• JM mentioned, in brief, that Imperial is one of Canada's largest refiner of petroleum products with over 130 years of providing reliable and affordable products for Ontario households. Imperial provides a contribution to the economy through hiring people, hiring suppliers and major capital investments. The Waterdown to Finch Project is an important infrastructure project to support the movement of goods and people in the GTHA.</li> </ul>
Discussion	<ul style="list-style-type: none"> <li>• TSSA (KM) – What is the plan for the existing line?</li> <li>• JM -- The existing line will be cleaned, filled with nitrogen and deactivated in-place. Imperial's Integrity group will lead the deactivation as a separate scope of work. Recognizing the congestion of the corridor of other lines and infrastructure, undertaking deactivation will minimize net environmental impacts.</li> <li>• KM is there sufficient space in the corridor?</li> <li>• JM responded that Imperial's easement is 50ft wide and the new pipeline will be located within this easement. Within the HONI corridor, the replacement pipeline will be located within the corridor, however a new easement with HONI will be obtained.</li> </ul>
TSSA requirements and advice	<ul style="list-style-type: none"> <li>• 1) TSSA (KM) noted that Imperial will be required to complete and submit TSSA's Engineering Design Approval -- Application for Review of Pipeline Project FS09563 form (including fee payment).</li> <li>• 2) KM noted that the CSA Standard Z662-15 (Oil and Gas Pipeline Systems) describes the required standards and procedures to review.</li> <li>• 3) In addition, TSSA Code Adoption to CSA Z662, called FS-238-18 Oil and Gas Pipelines CAD Amendment published on the TSSA website is required as well. Please kindly consult these documents.</li> <li>• In general, KM pointed out two major amendments in the TSSA Code Adoption, 1) requirement for an analysis of high consequence areas – currently in the Code Adoption FS-238-18 2 document, pg.4); 2) revised/ different design factors for different class locations.</li> <li>• TSSA noted that these code adoptions will be included in the updated CSA Z662, planned to be release in the near term.</li> <li>• TSSA is planning a new code adoption to be adopted in parallel to the CSA Z662 revision that will address motorized valve requirements on pipeline. Timeline is undefined, but they suggest working closely to ensure open lines of communication to exchange information and to develop a working relationship. This will also help to plan resources for the Project review.</li> </ul>

	<ul style="list-style-type: none"> <li>UPI (JW) noted that Imperial will follow all applicable CSA Z662 and TSSA Code Adoption requirements in designing the Project.</li> <li>TSSA (ZF) noted that pipeline projects, in general, have received increased community attention. TSSA has received a letter from a stakeholder regarding concerns raised on potential environmental impacts and encroachments to highly congested areas (i.e. Weston high-rise). TSSA's review of the Project will take into consideration not only operating design conditions but also how stakeholder concerns have been addressed.</li> <li>JW - Imperial would be pleased to be aware of concerns raised in order to review them and properly respond and address concerns. We proactively engage local municipalities and stakeholders so that they are aware of the Project and have an avenue to raise concerns.</li> <li>OV noted that the public is able to direct inquiries and concerns to Imperial's dedicated inquiry line through the <a href="http://imperialoil.ca/waterdowntofinch">http://imperialoil.ca/waterdowntofinch</a> website, via 416-586-1915 or by sending an email to <a href="mailto:questions@imperialon.ca">questions@imperialon.ca</a></li> <li>OV noted that the letter from the mentioned stakeholder can be directed to him for review and response.</li> <li>TSSA (ZF) would like to receive a description of the rationale for why the line is being replaced (i.e. is it due to age, potential failure, line thickness consideration, integrity, etc.) in order to understand how this information may inform other oil and gas fuel pipelines. Environmental concerns are in the forefront, when a line is deactivated in-place, it needs to ensure no contamination is left in-place.</li> </ul>
Licence to Operation	<ul style="list-style-type: none"> <li>JM inquired if there are other additional requirements to be aware of relating to licencing.</li> <li>TSSA (KM) responded that Imperial has an existing Licence to Operation in-place, no additional requirements with respect to licencing.</li> </ul>
Audit of SPPL	<ul style="list-style-type: none"> <li>OV noted that SPPL has a network of lines (active and deactivated). The two major active lines are from Waterdown to Finch and the line south to Nanticoke.</li> <li>OV noted that he is the lead contact on behalf of Imperial for the audit and looks forward to discussing this further separately.</li> <li>KM is pleased that the Waterdown to Finch Project pipeline replacement is moving forward to replace the existing line as a proactive measure.</li> </ul>
Summary of Actions	
<ul style="list-style-type: none"> <li>TSSA requests that Imperial review the following: CSA Standard Z662-15 (Oil and Gas Pipeline Systems) describes the required standards and procedures and the TSSA Code Adoption to CSA Z662 called FS-238-18 Oil and Gas Pipelines CAD Amendment. This document is published on the TSSA website.</li> </ul>	Imperial

<ul style="list-style-type: none"> <li>TSSA requests that Imperial complete and submit the Engineering Design Approval -- Application for Review of Pipeline Project FS09563 form (including fee payment). To be submitted in parallel to Leave to Construct application, directly to TSSA.</li> </ul>	Imperial
<ul style="list-style-type: none"> <li>TSSA requests that Imperial provide a description of the rationale for why the line is being replaced in order to understand how this information may inform other oil and gas fuel pipelines.</li> </ul>	Imperial
<ul style="list-style-type: none"> <li>KM to forward to the Imperial Project team the recent NEB notice/information regarding HDD safety measures and communication protocols between parties as it is useful information to be aware of.</li> </ul>	KM
<ul style="list-style-type: none"> <li>TSSA to forward to Imperial (OV) the letter from the stakeholder to review.</li> </ul>	KM
<ul style="list-style-type: none"> <li>Imperial to provide the TSSA with the contact information for participants from the meeting. Action completed: Names and emails are included in the meeting minutes.</li> </ul>	JC
<ul style="list-style-type: none"> <li></li> </ul>	

Potential topics to record for Isometrix reporting:

- |  |   |
|--|---|
| <input type="checkbox"/> Accidents and Malfunctions                                | <input type="checkbox"/> Aquatic Resources and species  |
| <input type="checkbox"/> Air Emissions and Noise                                   | <input type="checkbox"/> Archaeology                    |
| <input type="checkbox"/> Alternatives  | <input type="checkbox"/> Community Contribution Request |
| <input type="checkbox"/> Cultural Heritage Resources                               | <input type="checkbox"/> Groundwater                    |
| <input type="checkbox"/> Emergency Response  | <input checked="" type="checkbox"/> Operational Issue   |
| <input checked="" type="checkbox"/> Excavation/Damage Prevention/Pipeline Location |   |
| <input type="checkbox"/> Right-of-Way/ Access Agreement                            | <input type="checkbox"/> Traditional use                |
| <input type="checkbox"/> Safety, Health and Environment                            | <input type="checkbox"/> Vegetation                     |
| <input type="checkbox"/> Socioeconomic (labour, economy, social)                   | <input type="checkbox"/> Wetlands                       |
|  | <input type="checkbox"/> Wildlife and Habitat           |



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**November 05, 2018**  
**MECP Water Taking and ECA Permit Meeting Notes DRAFT**

**Participants**

Ontario Ministry of Environment, Conservation & Parks

- Lubna Hussain – Technical Support Unit Manager Central Region
- Cynthia Doughty, Groundwater Unit, a/Supervisor
- Mihran Aslan, Hydrogeologist, Technical Support Section, Central Region
- Lisai Shen, Surface Water Specialist, Central Region
- Steven McAvoy – Program support Coordinator (phone)
- Adedoyin Adenowo – Senior Waste Water Engineer (phone)
- Barb Slattery – Environmental Resource Planner & EA Coordinator (phone)
- Abdul Quyum, Hydrogeologist, Technical Support Section, West Central Region (phone)

Regrets:

- Fariha Pannu
- Yousouf Kalogo
- Trevor Bell
- Karoly Tajnay

Imperial

- Jessie Malone (phone)

UPI

- James Watson (phone)

ERM

- Matthew Scoular
- Elizabeth Sherlock
- Tonia Robb (phone)
- Piotr Rzepecki (phone)

**Meeting Objectives**

- Technical consultation meeting to review water taking calculations and site- specific field program for Imperial's Waterdown to Finch Project.

Topic	Discussion
Location	Newtonbrook Boardroom, 8th floor, 5775 Yonge Street
Agenda	<ul style="list-style-type: none"> <li>• Welcome, safety moment and introductions</li> <li>• Meeting objectives &amp; agenda review</li> <li>• Project location and protected water source areas</li> <li>• 2018 proposed field program</li> <li>• Estimating water taking</li> <li>• Estimating water discharges, management, and permit requirements</li> <li>• MECP application requirements and process (WTP and ECA)</li> <li>• Summary/closing</li> </ul>

Topic	Discussion
Materials	<ul style="list-style-type: none"> <li>Imperial: PPT presentation</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>Project overview presented:</li> <li>Pipeline replacement originating at the Sarnia refinery (not part of scope) from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area [originally built in 1950s and recognize need for replacement]</li> <li>12 inch pipeline currently and will be replaced with 12 inch</li> <li>Associated infrastructure is valve stations</li> <li>Trenchless construction techniques such as Horizontal Directional Drilling and boring will be used to cross sensitive areas (e.g. major watercourse crossings)</li> <li>MECP – how will existing pipeline be deactivated? <ul style="list-style-type: none"> <li>IOL - replacement pipeline will be located parallel to the existing pipeline; once the replacement line is constructed, operation will be transferred over to the new line and the existing line will be cleaned, filled with nitrogen and left in place. The deactivated line will continue to be monitored similar to the operational pipeline.</li> </ul> </li> <li>MECP - what is involved in emptying out pipeline? <ul style="list-style-type: none"> <li>IOL – all product contained in the pipeline will be shipped to Finch Terminal. Specialized tools, called 'pigs' will be used to push any remaining product into the receiving terminal. No water is used to clear the line.</li> </ul> </li> <li>ERM indicated that deactivation is not part of the scope of this project.</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>Change in time zones related to vehicle accidents</li> <li>Be aware of light changes and weather changes give yourself more time</li> </ul>
Project Location and protected water source areas	<ul style="list-style-type: none"> <li>[slide 5] Source Protection Area - Centerline on interactive map with: <ul style="list-style-type: none"> <li>Vulnerable aquifer in the pink</li> <li>Event-base area in the light green</li> <li>Recharge areas in the dark green</li> </ul> </li> <li>ERM question – request for download of the information [shapefile] <ul style="list-style-type: none"> <li>MECP indicated that this is likely be doable and please work with MECP to obtain</li> </ul> </li> <li>[slide 6] Description of map (slide 5) content</li> <li>[slide 7] Water Well records</li> <li>MECP Question - Why has Imperial chosen to study groundwater wells within a 200 m buffer? <ul style="list-style-type: none"> <li>ERM - this is based on a preliminary estimate of drawdown cone which is estimated at 150 m. Since this is only an estimate, a 200 m buffer provides contingency. Precedent from other pipeline projects was also used to determine the number.</li> </ul> </li> <li>MECP Question - What is the max depth of the project excavations? <ul style="list-style-type: none"> <li>UPI - In general, the installation depth to top of pipe is approximately 4 ft thus excavation for trenches will be approximately 5 ft total. Trenchless construction will have excavations at the entry/exit points (i.e. "bellholes") approximately 4m deep and the depth of the installation will be variable depending on the crossing</li> </ul> </li> </ul>

Topic	Discussion
	<p>but will range from 5 m to 60m; will have drawings in the application to outline these details</p> <ul style="list-style-type: none"> <li>MECP Question regarding the water well records obtained and reviewed- What is the one municipal water supply identified within the database? <ul style="list-style-type: none"> <li>ERM indicated that there were 8 records within the 200 m of the Project centerline that did not have static wells information available. One of theses was identified as a municipal water supply located near Albion Rd., and it was suspected that is a decommissioned well. MECP recommended confirming the location with site visit</li> </ul> </li> </ul>
Proposed field program	<ul style="list-style-type: none"> <li>[slide 8] ERM presented regarding the field program and water taking</li> <li>[slide 9] shows proposed groundwater (GW) monitoring locations <ul style="list-style-type: none"> <li>Grey areas where may encounter GW that will need to be pumped out</li> <li>Will be confirmed with ongoing geotechnical drilling program with request to note the depth of water table at each location during field program</li> </ul> </li> <li>MECP Question – in general, approach seems reasonable for determining site-specific conditions. Water taking is based on calculations using 5 km/day, why? <ul style="list-style-type: none"> <li>ERM - indicated that this is the maximum combined length of excavation/works including construction at trench and trenchless</li> </ul> </li> </ul>
Estimation of water taking	<ul style="list-style-type: none"> <li>[slide 10] Conservative estimates provided for water use and associated discharges.</li> <li>Hydrostatic testing accounts for a larger proportion of amount of water taking when compared to drilling mud for trenchless construction. Municipal sources will be used for hydrostatic testing and for drilling mud requirements ; no water taking permit required.</li> <li>Construction dewatering activities will require a water taking permit. The estimate was revised to include both groundwater and surface water (precipitation).</li> <li>[slide 11] summary of assumptions and how calculated inflow rates</li> <li>MECP Question - Will the shallow overburden actually relate to 11 M/day? <ul style="list-style-type: none"> <li>ERM response was that this is not likely but this value is based on conservative assumptions and other operator's experience. MECP indicated to check with Ministry information because hydrogeologic conditions description doesn't seem correct and should not result in such a high volume</li> </ul> </li> <li>MECP question - 5 km/day seems to be too much for excavation lengths; is this possible? <ul style="list-style-type: none"> <li>UPI indicated that construction will occur in spreads with trench construction occurring simultaneously in two areas (two crews) as well as at least one crew conducting trenchless construction. Combined excavation area is estimated to be 5 km/day</li> </ul> </li> <li>MECP suggests breaking the corridor into sections to outline the overall water taking per section; this may be a better volume estimate to use for permitting (11 M/day may not be reasonable for permitting). With this, indicate discharge location in each section</li> <li>MECP indicated that there are a max 25 water sources allowed within a permit, thus source and discharge locations should be indicated [and classification of each section] to split the corridor into sections.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>ERM - proposed to break this 11 M/day down further in permit based on section along with reasons why and provide to MECP for review</li> <li>ERM question – at previous meeting with MECP (September), two permit applications based on MECP regions was suggested. One region would lead the review. <ul style="list-style-type: none"> <li>MECP stated that separate permit applications per region would be easy to manage, however, West Central only has a small section (~10km) within their region. MECP will work internally to support one permit being issued for the project that would cross both regions. MECP to identify one point of contact for the project to lead permit application and review.</li> </ul> </li> <li>MECP Question – Will there be field studies to determine how many wells are within the 150 m buffer? <ul style="list-style-type: none"> <li>ERM – Considering additional work within the 200 m to contact current database well owners and adjacent landowners to determine location and status of wells on their respective properties.</li> </ul> </li> <li>MECP indicated that for permit application, Imperial should assume there are wells in rural areas (and will need to complete a water well survey) at the shallow water table areas (i.e., less than excavation depth). There is no need to contact rural well owners, if their wells are outside the 200m buffer or have water levels below the excavation depth</li> <li>[slide 12] cross-section of ROW</li> <li>MECP - will need to provide the sediment and erosion control measures i.e., what is going to be done to prevent sediment loss. <ul style="list-style-type: none"> <li>ERM indicated that this will be presented in permit application</li> </ul> </li> <li>[slide 13] Estimation of surface water runoff rates</li> <li>[slide 14] graphic of surface water runoff</li> <li>[slide 15] summary of water taking includes surface water as requested and considers worst case scenario and very conservative. This will be basis of OEB environment report and anticipate that as project planning and design progresses information will be refined.</li> <li>MECP indicated that these estimates were too conservative.</li> </ul>
Estimation of water discharge	<ul style="list-style-type: none"> <li>[slide 16] summary of water discharge</li> <li>MECP suggests that for permit application, Imperial should apply for average the precipitation and request an exception for extreme amounts if required. MECP will look into other projects and provide examples</li> <li>MECP suggestion that if looking at managing stormwater separately (as extreme events), Imperial will need to provide in the application how volumes are estimated, how it will be discharged (e.g., collected in trench and discharged), and where it will be discharged. The water quality of the discharge should also be considered for stormwater management.</li> <li>MECP comment that discharge may have oil/grease contamination from equipment but expect most would be unaffected stormwater.</li> <li>MECP suggestion to outline possible areas where contamination may be present (surface and groundwater). Need groundwater quality in this case. Note that discharge to land will need reduction of TSS to meet provincial water quality prior to release. If ponds are</li> </ul>

Topic	Discussion
	<p>proposed within corridor to help meet PWQG, this should be clearly outlined in the application</p> <ul style="list-style-type: none"> <li>• MECP outlined that discharge to creeks will require permits and approvals from water 'owner' /manager. In general MECP will not issue any permits unless agreements with landowner /ROW owner /CA /etc are in place and demonstrated to MECP</li> <li>• MECP comment that if stormwater is directed into the trench, dewatering would be covered by WTP; if stormwater is managed separately, an ECA may be required.</li> <li>• MECP comments – in general construction dewatering is addressed under WTP; ECA is only needed if treatment is to meet discharge water quality criteria is required beyond TSS. Suggest outlining water taking and discharge for construction dewatering based on the sections of the corridor and if additional treatment is anticipated to be needed in certain areas, bring in 3<sup>rd</sup> party ECA mobile service providers or vacuum and transport offsite for disposal.</li> </ul>
MECP permit requirements and process	<ul style="list-style-type: none"> <li>• [slide 17/18]</li> <li>• MECP question - Who have you been engaging with in terms of Indigenous communities? <ul style="list-style-type: none"> <li>• ERM – Imperial has received the delegation for the Duty to Consult on behalf of the Crown from the Ministry of Energy. Consultation has been directed with 4 First Nations: Mississaugas of the New Credit, Six Nations of the Grand River, Haudenosaunee Confederacy Chiefs Council and Huron-Wendat. Early engagement has begun, and all groups have been provided with an initial project overview. Additionally, all four Nations are currently participating as monitors in archaeological field assessments. Imperial has also reached out to the Metis Nation of Ontario and has provided initial project information.</li> </ul> </li> <li>• MECP indicated the following general points when submitting the permit: <ul style="list-style-type: none"> <li>○ that the permit requires full detailed consultation for permit applications [need to provide detail of what will be completed to the community, record any questions/concerns and provide how the proponent responded; incomplete records will not be approved and permits may be delayed if details of all permitted activities are not provided to the First Nations]</li> <li>○ for the surface water assessment will need to consider impacts on water quality</li> <li>○ 90 days to get permit from application submission (thus must be completed by March 2019 )</li> <li>○ Provide actual dates to take water. This may be different from high-level construction timeline</li> <li>○ Permit must be signed by Professional Registered Ontario Engineer/Geoscientist</li> <li>○ need to provide signed approvals for all landowners taking water from</li> </ul> </li> <li>• MECP suggested to prepare in sections and make edits accordingly to avoid having to re-do entire application</li> <li>• ERM to provide additional follow-up on how permit will be provided.</li> </ul>
Closing	<ul style="list-style-type: none"> <li>• No further questions</li> <li>• After the meeting ended, ERM indicated to those in the Newtonbrook boardroom that MECP has representatives within the OPCC including:</li> </ul>

Topic	Discussion		
	Paul Martin	Central Region	Supervisor, APEP
	Crystal Lafrance	Southwest Region	Supervisor, APEP
	Natalie Stacey	West Central Region	Acting Supervisor, APEP
Summary of Actions			Who
<ul style="list-style-type: none"> <li>MECP to confirm if Central Region will take the lead for WTP permit application (with West Central reviewing) and provide Imperial with primary point of contact. Also confirm if one WTP application can be submitted and therefore one WTP be issued for the Project.</li> </ul>			MECP
<ul style="list-style-type: none"> <li>MECP to look into sharing source protection GIS data available on their website (access environment) : <a href="http://www.accessenvironment.ene.gov.on.ca/">http://www.accessenvironment.ene.gov.on.ca/</a></li> </ul>			Steve McAvoy
<ul style="list-style-type: none"> <li>ERM to develop a breakdown of the pipeline corridor into sections with associated surface and groundwater calculations for MECP review in advance of filing WTP application</li> </ul>			ERM
<ul style="list-style-type: none"> <li>MECP suggests that for permit application, Imperial should apply for average precipitation and include a contingency plan for extreme weather events. Permit conditions will include an exception for extremes. MECP will look into other projects and provide examples</li> </ul>			Lubna Hussain
<ul style="list-style-type: none"> <li>Imperial to submit Erosion and Sediment Control Plans for water taking and discharge in WTP application</li> </ul>			Imperial/ERM
<ul style="list-style-type: none"> <li>Imperial to undertake water well survey for submission with WTP application</li> </ul>			Imperial/ERM
<ul style="list-style-type: none"> <li>Imperial to confirm in their WTP application that agreements with all landowners are in place for water taking and discharge locations</li> </ul>			Imperial

#### Potential topics to record for Isometrix reporting:

- |   |   |
|---|---|
| <input type="checkbox"/> Accidents and Malfunctions                     | <input type="checkbox"/> Aquatic Resources and species  |
| <input type="checkbox"/> Air Emissions and Noise                        | <input type="checkbox"/> Archaeology                    |
| <input type="checkbox"/> Alternatives                                   | <input type="checkbox"/> Community Contribution Request |
| <input type="checkbox"/> Cultural Heritage Resources                    | <input checked="" type="checkbox"/> Groundwater         |
| <input type="checkbox"/> Emergency Response                             | <input type="checkbox"/> Operational Issue              |
| <input type="checkbox"/> Excavation/Damage Prevention/Pipeline Location |   |
| <input type="checkbox"/> Right-of-Way/Access Agreement                  | <input type="checkbox"/> Traditional use                |
| <input type="checkbox"/> Safety, Health and Environment                 | <input type="checkbox"/> Vegetation                     |
| <input type="checkbox"/> Socioeconomic (labour, economy, social)        | <input type="checkbox"/> Wetlands                       |
|   | <input type="checkbox"/> Wildlife and Habitat           |



Imperial's Sarnia Products Pipeline

# Waterdown to Finch Project

November 2018



# Agenda

- Safety moment
- Sarnia Products Pipeline
- Project overview
- Timeline
- Regulatory approvals and permitting
- Minimizing construction impacts
- Community engagement
- Imperial in Ontario
- Q&A



# Safety moment

- Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area
- SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA)
  - SPPL supplies a significant portion of product used at Toronto Pearson International Airport, and gasoline and diesel that keeps people, goods and services moving
- SPPL has operated safely in the region for many years

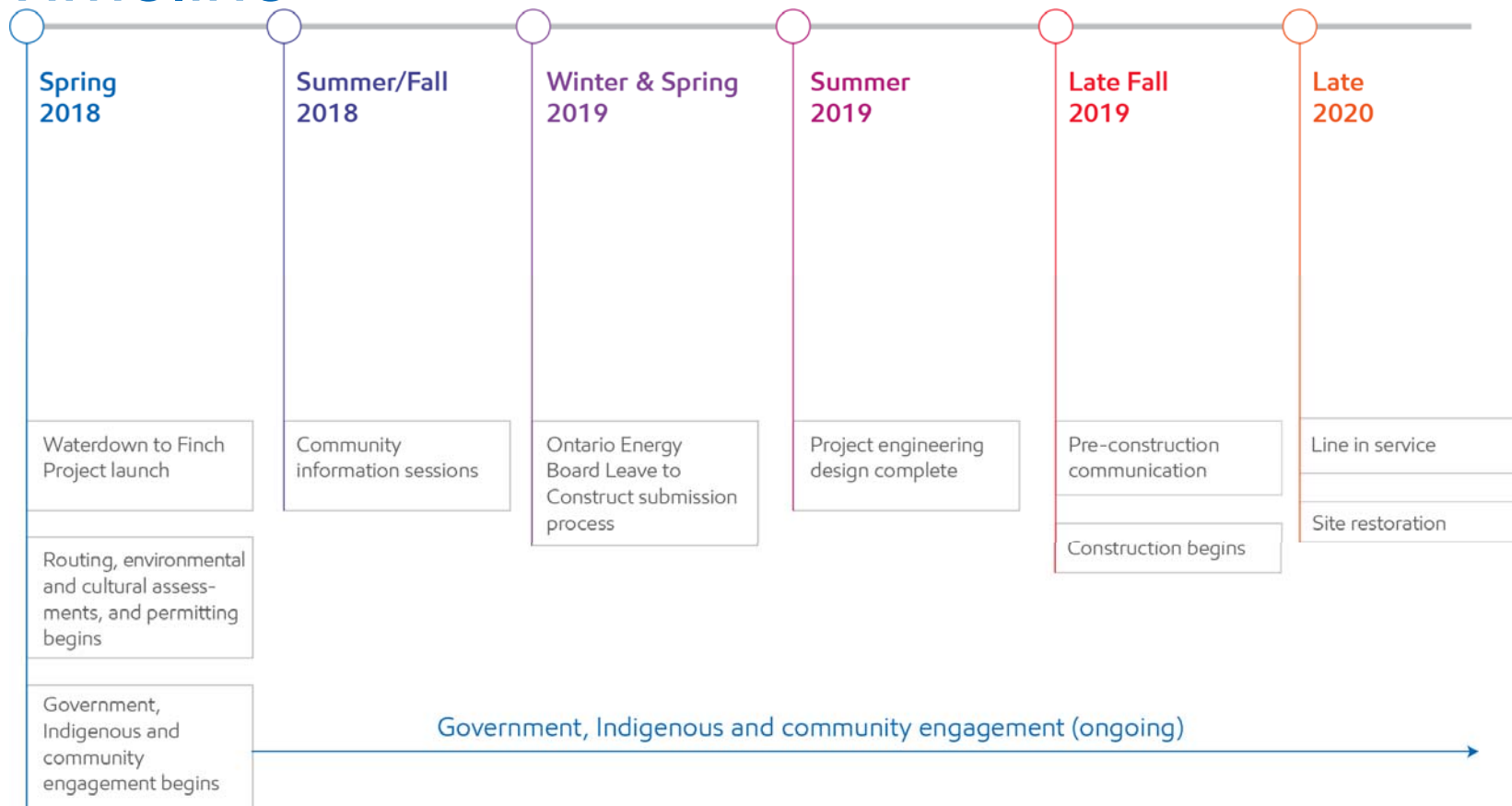


## Continued safety and reliability for the GTHA

- Imperial is planning to replace approximately 63 km of the line with new pipe
- The pipeline will continue to operate safely until the replacement segments are prepared for operation
- Imperial will apply for a Leave to Construct from the Ontario Energy Board, which includes a assessment of environmental effects and engagement with landowners, communities and Indigenous groups
  - Imperial will respect landowners' property and will seek to minimize disruptions
  - Imperial recognizes the importance of collaboration with Indigenous groups, municipalities and other community stakeholders



# Timeline\*



<sup>6</sup> \* Subject to regulatory and permitting approvals

# Regulatory approvals and permitting

- In addition to landowner access and Indigenous collaboration, Imperial will require regulatory approval, permits or project information sharing from the following entities listed in alphabetical order

## Federal

- Environment and Climate Change Canada
- Fisheries and Oceans Canada
- Transport Canada

## Provincial

- Infrastructure Ontario
- Ontario Energy Board
- Ontario Ministry of Indigenous Relations and Reconciliation
- Ontario Ministry of Environment and Climate Change
- Ontario Ministry of Natural Resources and Forestry
- Ontario Ministry of Tourism, Culture and Sport

## Regional

- Conservation Halton
- Credit Valley Conservation Authority
- Hamilton Conservation Authority
- Niagara Escarpment Commission
- Toronto and Region Conservation Authority

## Municipalities (construction permitting)

- City of Burlington
- City of Hamilton
- City of Mississauga
- Town of Milton
- Town of Oakville
- City of Toronto

# Environmental Permitting

## Federal (potential)

- DFO: Self-assessment
- TC: *Navigation Protection Act* screening

## Provincial

- OEB: Leave to Construct, Environmental Report
- IO: Public Works Class EA (potential)
- MNRF: Species at Risk permitting (potential)
- MOECC: Water Taking Permit (potential)
- MTCS: Stage 2 Archaeology and Cultural Heritage Evaluation

## Regional/Municipal

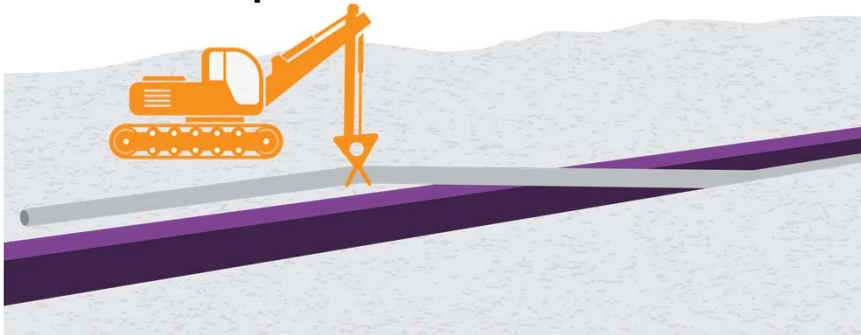
- Conservation Authorities: Development, Interference with Wetlands and Alterations to Shorelines and Watercourses
- NEC: Development Permit
- Municipalities: Tree damage/removal permits



# Minimizing construction impacts

- Imperial will work with landowners, permitting authorities and different levels of government so construction impacts are as limited as possible
- Engineers and environmental surveyors work together to develop the pipeline route that minimizes impact to the environmental and community
- Deactivated pipe will be removed from service, cleaned, filled with nitrogen and left in place to reduce environmental impacts
- Based on engineering and environmental surveys, Imperial will perform one of two construction techniques:

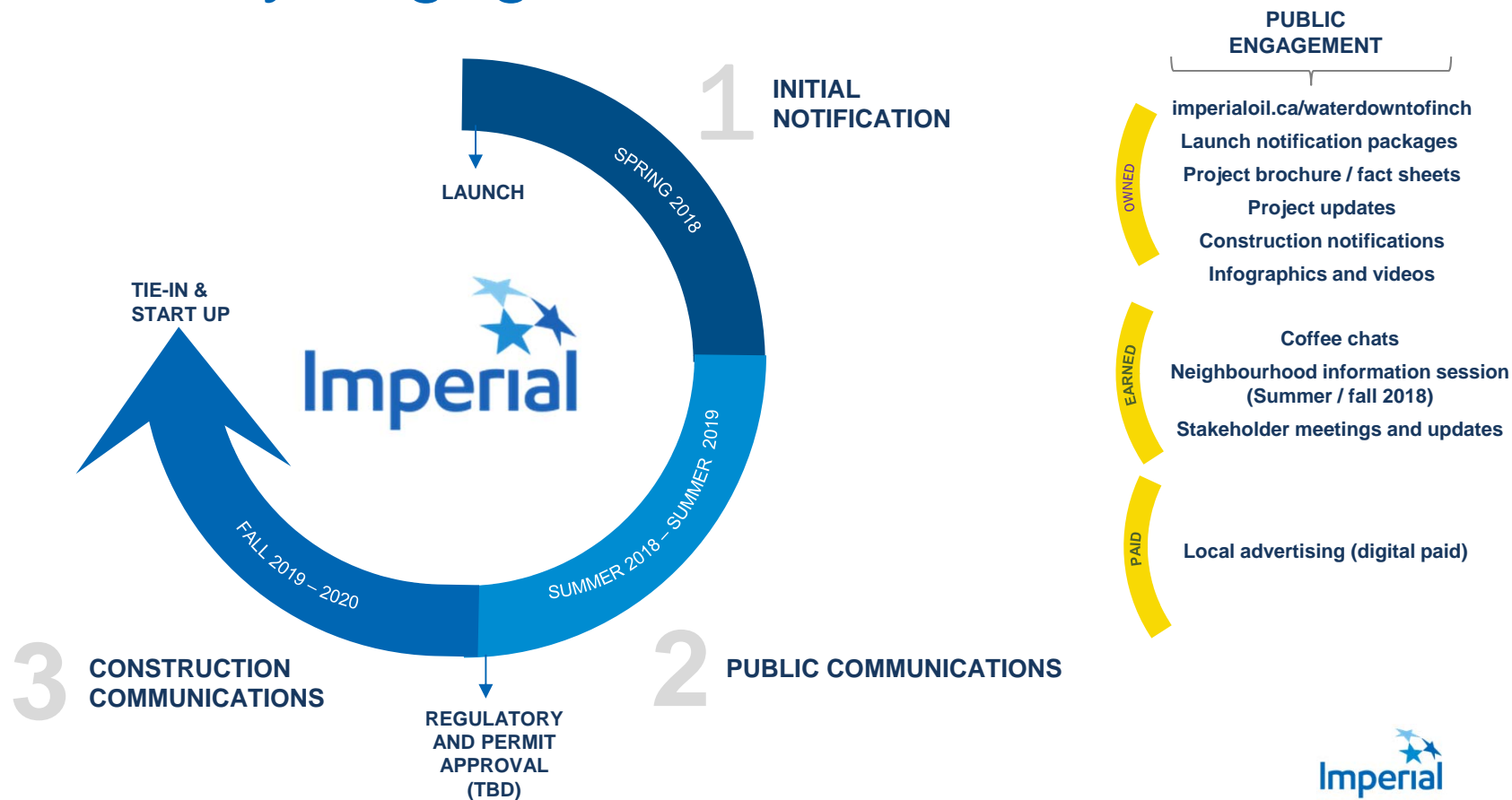
**Open cut construction**



**Trenchless technology**



# Community engagement



# Imperial in Ontario

## Founded in Ontario:

- Canada's largest refiner of petroleum products
- 130 years of providing reliable and affordable products

## Supporting Ontario households:

- Employs approximately 1,200 employees and up to 3,500 contractors a day

## Major capital projects:

- \$750 million in capital investments at Sarnia and Nanticoke refineries in the last decade

## R&D in Ontario:

- Invested more than \$300 million in research and development

## Imperial's Contributions in Ontario (2016)\*



\*Business Council of Canada 2016 Total Tax Contribution Survey

# Questions?

## For more information

W: [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)

T: 416.586.1915

E: [questions@imperialon.ca](mailto:questions@imperialon.ca)

<p style="text-align: center;"><b>Imperial</b></p> <p style="text-align: center;"><b>Waterdown to Finch Pipeline Project</b></p> <p style="text-align: center;"><b>November 15, 2018, 2:00pm</b></p> <p style="text-align: center;"><b>Teleconference Meeting with MOE Summary Notes</b></p> <p><i>*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.</i></p>	
<p><b>Participants</b></p> <p>MOE</p> <ul style="list-style-type: none"> <li>• Raina Crasto-Policy Advisor, Indigenous Energy Policy</li> <li>• Shannon McCabe-Senior Advisor</li> </ul>	<p>Imperial</p> <ul style="list-style-type: none"> <li>• Jessie Malone, Environment and Regulatory Advisor</li> <li>• Jennifer Liddell-Workforce Development</li> <li>• Elias Majdalani-Project Manager</li> <li>• Belinda Fox-Indigenous Collaboration Manager</li> <li>• Andrew Goldie-Imperial Legal</li> <li>• Kelly Williams, Community Relations Officer</li> </ul>
<p style="text-align: center;"><b>Meeting Objectives</b></p>	
<ul style="list-style-type: none"> <li>• To inform the MoE on the events related to the consultation and engagement of the Haudenosaunee Confederacy Chiefs Council via the Haudenosaunee Development Institute as the proponent of the Waterdown to Finch SPPL Project, and to seek advice on next steps of engagement.</li> </ul>	
<b>Topic</b>	<b>Discussion</b>
Introductions:	Teleconference commenced with introductions of the Imperial project team and MoE staff.
Notes:	<ul style="list-style-type: none"> <li>• Review of meetings with HDI Staff to date: <ul style="list-style-type: none"> <li>○ First in-person meeting held August 15. HDI declined the project presentation. Project overview was not provided. HDI requested submission of application form and fee prior to any project-related discussions.</li> <li>○ Imperial sent HDI response letter on September 20<sup>th</sup> stating that we would not submit application, but provided answers to all questions contained in application form and offered capacity funding for future meetings and review of project information.</li> <li>○ Second in-person meeting held October 25<sup>th</sup>. Project overview document was provided, however Imperial did not have the opportunity to speak to it. HDI re-iterated request for submission of application form and would not engage in project discussions until this was completed. Imperial requested formal response to September 20<sup>th</sup> letter.</li> <li>○ Received response letter from Aaron Detlor on November 7<sup>th</sup>.</li> </ul> </li> <li>• Application template is located on HDI's website</li> <li>• MoE staff indicated that Imperial's efforts to engage and consult to date are aligned with their expectations.</li> <li>• HDI has been providing field monitors for all archaeological work starting late-September. They have also participated in environmental protection compliance assessment on geo-tech program.</li> </ul>

- Capacity funding agreements have been signed for monitoring work.
- Imperial confirmed that we have been in consultation with MTCS regarding Archaeology guidelines and protocols and are conducting field work in alignment with these guidelines. We are working to resolve the issue raised regarding ploughing – Imperial's preference is also to plough and conduct pedestrian surveys where possible, but it is highly dependent on soil type (can't plough an area that is not amenable to ploughing) and also requires landowner consent. In the few cases where ploughing can't be completed, Imperial is documenting engagement with landowner and providing justification to MTCS.
- Conversations at the October 25<sup>th</sup> meeting indicated that HDI may take steps to stop archaeological/geo-tech field activities if they are not satisfied with Imperial's actions.
- It has been an overall positive experience working with the HDI field monitor and for the most part seems to be working well.
- Imperial requested MoE to confirm that delegation of duty to consult is valid for all permitting and approval applications related to the project. Also requested that MoE follow up with the listed regulatory agencies to clarify duty to consult requirements to avoid confusion and clarify responsibilities. Imperial committed to provide a list of all regulatory agencies being engaged and to specify which permits are being sought (see below).
  - Imperial committed to following up with TSSA to clarify decision action. .  
Post-meeting follow-up: The TSSA does **not** provide a decision regarding the Project. They do not issue a permit or approval. Imperial submits an Engineering Design Approval Application form to the TSSA in parallel to the Leave to Construct, but this form is only to facilitate the review of the Project and to guide TSSA's input into the Leave to Construct review. If the TSSA had any major objection to the project, they would feed that in to the OEB to influence the OEB's decision, they would not provide a separate decision.
- Imperial asked MoE for recommendations on next steps for engagement. MoE suggested that Imperial should continue with offers to meet with HDI to present project information and to continue to offer capacity.
- Imperial asked if MoE had suggestions for if/when engagement stalls. MoE stated that if Imperial has made all efforts to progress consultation and capacity funding, we can reach out the MoE to conduct/continue consultation. Although procedural aspects of consultation has been delegated, the Crown still holds the ultimate responsibility.

Regulatory agencies and requested permits:

- Ontario Energy Board: Leave to Construct and Environmental Report
- Infrastructure Ontario: Public Works Class Environmental Assessment
  - IO/MGCS/HONI: we will also be seeking easements with these agencies (real estate transaction)
- Ministry of Tourism, Culture and Sport: Clearance letter to confirm that archaeological requirements have been completed to avoid contravention of Heritage Act
- Ministry of Natural Resources and Forestry: Overall Benefit Permit
- Ministry of Environment, Conservation and Parks: Permit to Take Water

	<ul style="list-style-type: none"><li>• Niagara Escarpment Commission: Development Permit</li><li>• Conservation Authorities (Toronto &amp; Region, Credit Valley, Conservation Halton, Hamilton Conservation Authority): Development, Interference with Wetlands and Alterations to Shorelines and Watercourses</li><li>• TSSA: License to Operate (existing – no additional decision)</li><li>• Federal:<ul style="list-style-type: none"><li>○ Department of Fisheries and Oceans: Request for review will be submitted, no authorization requirement anticipated</li><li>○ Transport Canada: No authorization anticipated under the Navigable Waters Act, however, engagement is being conducted</li></ul></li></ul>
--	--

**From:** Bui, David <david.bui@hii-upi.com>  
**Sent:** Thursday, February 7, 2019 1:06 PM  
**To:** Sirjue, David /C  
**Cc:** 24255 Waterdown to Finch Project; Watson, James; Castedo, Hernan; Lewis, Jasmine; Beatty, Michael; Evans, John; Majdalani, Elias; Malone, Jessie M; Curtis Campbell; Matthew Scoular; Mark Welsh; Jim Chan; Elizabeth Sherlock; Amanda Juric  
**Subject:** FW: 24255 - Imperial - TSSA Questions and Meeting Notes

David,

Please review Kourosh's comments below. I will summarize our discussion with meeting minutes and formally issued to the team by early next week.

Sincerely,

**David Bui, PE | Senior Engineer I**

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[www.universalpegasus.com](http://www.universalpegasus.com)

UEI Project Number: 24255

**From:** Kourosh Manouchehri [mailto:KManouchehri@tssa.org]  
**Sent:** Thursday, February 7, 2019 11:54 AM  
**To:** Bui, David <David.Bui@hii-upi.com>  
**Cc:** 24255 Waterdown to Finch Project <24255@hii-upi.com>; Watson, James <James.Watson@hii-upi.com>; Castedo, Hernan <Hernan.Castedo@hii-upi.com>; Lewis, Jasmine <Jasmine.Lewis@hii-upi.com>; Jim Chan <Jim.Chan@erm.com>  
**Subject:** RE: 24255 - Imperial - TSSA Questions and Meeting Notes

Hi David,

Please see below my comment in blue. Following replies depend on the timing of the project design submittal, review and construction. If TSSA reviews the design to the current standards and the construction is not very far into the future, then current standard and codes applies.



Regards,

**Kourosh Manouchehri, P.Eng., PMP | Engineer**

Fuels Safety

345 Carlingview Drive

Toronto, Ontario M9W 6N9

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[www.tssa.org](http://www.tssa.org)

**From:** Bui, David <[David.Bui@hii-upi.com](mailto:David.Bui@hii-upi.com)>  
**Sent:** January 25, 2019 11:34  
**To:** Kourosh Manouchehri <[KManouchehri@tssa.org](mailto:KManouchehri@tssa.org)>  
**Cc:** 24255 Waterdown to Finch Project <[24255@hii-upi.com](mailto:24255@hii-upi.com)>; Watson, James <[James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)>; Castedo, Hernan <[Hernan.Castedo@hii-upi.com](mailto:Hernan.Castedo@hii-upi.com)>; Lewis, Jasmine <[Jasmine.Lewis@hii-upi.com](mailto:Jasmine.Lewis@hii-upi.com)>; Jim Chan <[Jim.Chan@erm.com](mailto:Jim.Chan@erm.com)>  
**Subject:** 24255 - Imperial - TSSA Questions and Meeting Notes

Kourosh,

Thank you for spending the time with me Monday to briefly discuss the Imperial pipeline project.

Below is a summary of our discussion and several follow-up questions for your review.

- The three main documents and their version that may govern our proposed pipeline project are:
  - O. Reg. 210/01: Oil and Gas Pipeline Systems (Technical Standards and Safety Act, 2000, S.O. 2000, c. 16)
  - CSA Standard Z662-15 (Oil and Gas Pipeline Systems)
  - TSSA FS-238-18 (Oil and Gas Pipeline Systems Code Adoption Document Amendment)
- Canadian Standards Association (CSA Group) will begin in the summer 2019 to review CSA Standard Z662-15 (Oil and Gas Pipeline Systems) for an update due out 2020. This revision will then need to be adopted by O. Reg. 210/01: Oil and Gas Pipeline Systems later in that year. If the currently proposed Imperial pipeline project has been reviewed by TSSA within 2019, these updated regulatory codes/standards will not apply.

[CSA Z662 already gone through public comments and will be issue in 2019 and my guess is summer 2019. However it takes time for TSSA to adopt this standard. My best guess is early 2020 for TSSA to adopt the 2019 version of the standard.](#)

- Regulatory codes/standards to address motorized valve requirements will not be proposed/enforced until 2020. If the currently proposed Imperial pipeline project has been reviewed by TSSA within 2019, these updated regulatory codes/standards will not apply.

[Agree. If I review the design to the current standard, then construction will be to the current standard.](#)

- It is recommended to submit the 'TSSA Application for Review of Pipeline Project' form as soon as possible even if there are still parts of the application that are in development, namely the 'Calculation of High Consequence Area'.

[Agree. The HCA calculation can be submitted later.](#)

Below are questions and clarifications we would like to present to TSSA (I have done my best to answer a couple questions based on our discussion, **in green**, please revised as needed):

1. Will there be addition revisions/code adoptions to the 'CAN/CSA-Z662-15' that pertain to design and construction of refined product pipelines? **There will be an update to 'CAN/CSA-Z662' released next year, 2020. The standard will be issue in 2019, however it takes time for TSSA to adopt it as explained above.**

2. Will there be addition revisions to the 'TSSA Pipeline Regulation 2018 Oil-and-Gas-Pipelines-CAD-Amendment\_FIX – FS-238-18'?



[Not until early 2020.](#)

3. Will there be revisions to the valve spacing requirements for refined product pipelines?  
**Not until early 2020.**
4. Will there be new code adoptions to that will address motorized valve requirements? **There will be guidelines released next year, 2020. Most probably early 2020.**
5. Will there be revisions to the definition of a major 'water body'? **Not if TSSA does not adopt CSA Z662-19, which I guess should be in early 2020.**
6. Will there be additional revisions to 'Class Location Factors'? **see above.**
7. Will there be revisions to 'Design Factors'? **see above**
8. Will there be clarification of High Consequence Areas? **At this point of time, HCA is defined in FS-238-18 - Oil and Gas Pipelines CAD Amendment (February 15, 2018)**
9. Will there be adoptions to pipeline crossing requirements? **See above.**

Please let me know there are any additional comments, questions, or clarifications you would like to add. Once I receive your [response](#), I will issue a set of meeting minutes to the team.

Sincerely,


**David Bui, PE | Senior Engineer I**

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[www.universalpegasus.com](http://www.universalpegasus.com)

UEI Project Number: 24255

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Imperial Oil - Waterdown to Finch Project  
MTO - Initial Land/Crossings Submission - Comment Tracker - General Comments

Client: Imperial Oil  
Project: Waterdown to Finch Project  
Project Manager: James Dekryger  
Permitting Director: Haseeb Amirzada  
Date: January 31, 2019

UPI (Engineering) / General Contractor (GC)  
NATIONAL (Stakeholder Engagement)  
ERM (Environmental)  
CanACRE (Land/ROW)  
IOL/EM

CanACRE			Tracking			MTO
COMMENT ID	MTO DEPARTMENT	TOPIC	COMMENT ADDRESSED (Y / N / PENDING)	RESPONSIBILITY	IMPERIAL COMMENT	MTO COMMENT
MTO_G1	Engineering Office	Existing Pipeline	N	CanACRE	IOL/EM - please confirm if the existing IOL SPPL KMZ can be provided to MTO.	From the KMZ file, the existing pipeline is not shown.
MTO_G2	Engineering Office	MTO ROW Limits	PENDING	CanACRE/UPI	Preliminary drawings will include MTO's ROW limits and the Building and Land Use setback/buffer, per MTO's Title Records.	Information should overlap/include the ministry's ETR plates (ROW limits) and the 14.0m building land use setback limit.
MTO_G3	Engineering Office	Pipeline Centreline	N	UPI		Please show the depth of the existing and proposed pipeline.
MTO_G4	Engineering Office	Existing Pipeline	Y	CanACRE/IOL	There are currently 2 existing pipelines. The 10-inch pipe (used for fuel oil) was built in 1952 and was decommissioned a few years later; the 12-inch pipe was built in 1956 and is currently operating.	When was the existing pipeline installed?
MTO_G5	Engineering Office	Proposed Pipeline	N	IOL/EM; UPI	IOL/EM; UPI - Please review: The new proposed pipeline will be designed to be in service for at least 50 years; however, as long as the pipe is maintained, the service life can be much longer. Improved materials and cathodic protection (FBE coating) will be used, and the design specifications are very conservative.	What is the service life of this new proposed pipeline?
MTO_G6	Engineering Office	Pipeline Construction	N	IOL/EM; UPI	IOL/EM; UPI - Please review: This project is a proactive replacement, as the existing pipe is over 70-years old. Although there have been no leaks detected to-date, and the pipe likely has an additional 15 years to its lifespan, Imperial has determined that it is time for the pipeline to be proactively replaced.	Have you explored other options rather than replacing existing pipeline with a new line?
MTO_G7	Strategic Highway Management Office	Proposed Pipeline	N/A	N/A	N/A	No objection to the alignment at this time.
MTO_G8	Strategic Highway Management Office	407 ETR	Y	CanACRE	Dragan Mrkela was invited to our initial meeting with MTO last July 2018, and Imperial (through CanACRE) will continue to include him in meetings/submissions related to this project.	407 ETR should be included in any upcoming meetings. Please include Mr. Dragan Mrkela (Dmrkela@407etr.com), on any future meetings/submissions and to contact them directly for Highway 407 infrastructure information.
MTO_G9	General	MTO Highway Corridor Management Manual	N	UPI	UPI - please review for your information.	Link to ministry's new online Highway Corridor Management Manual. See Encroachments Chapter, Section 3.15.7 – "Placing of Utilities" and subsection 3.19 - "Pipelines" (starts at p.159)  <a href="https://www.library.mto.gov.on.ca/SydneyPLUS/Sydney/Portal/default.aspx?component=AAAAIY&amp;record=af9e17eb-ffc0-4143-b739-69af5835eb68">https://www.library.mto.gov.on.ca/SydneyPLUS/Sydney/Portal/default.aspx?component=AAAAIY&amp;record=af9e17eb-ffc0-4143-b739-69af5835eb68</a>
MTO_G10	General	MTO Highway Corridor Management Website	N	UPI	UPI - please review for your information.	Link to ministry's Highway Corridor Management public website.  <a href="http://www.mto.gov.on.ca/english/highway-bridges/highway-corridor-management/index.shtml">http://www.mto.gov.on.ca/english/highway-bridges/highway-corridor-management/index.shtml</a>



Imperial Oil - Waterdown to Finch Project  
MTO - Initial Land/Crossings Submission - Comment Tracker - Specific Comments

Client: Imperial Oil  
Project: Waterdown to Finch Project  
Project Manager: James Dekryger  
Permitting Director: Haseeb Amirzada  
Date: January 31, 2019

UPI (Engineering) / General Contractor (GC)  
NATIONAL (Stakeholder Engagement)  
ERM (Environmental)  
CanACRE (Land/ROW)  
IOL/EM

CanACRE				Tracking			MTO
COMMENT ID	MTO DEPARTMENT	AREA / INTERSECTION	KP(s)	COMMENT ADDRESSED (Y / N / PENDING)	RESPONSIBILITY	IMPERIAL COMMENT	MTO COMMENT
MTO_S1	Engineering Office	Highway 403: from QEW to Highway 407 (see attached plan)	27.6 to 28.6	N	UPI	UPI - see attached plan "HIGHWAY 403 - S-E RAMP.pdf" found within Environmental Study Report, available online. The proposed pipe centreline runs north of the S-E Ramp at Highways 403/407, so there should not be any impacts.	MTO's current Environmental Assessment (EA) for our Highway 403 and QEW Widening Projects (QEW - From Trafalgar Road to East of Winston Churchill Boulevard and Highway 403 - From QEW to Highway 407 and beyond Winston Churchill Boulevard) should not be impacted by this project. Note that one of the EA's recommendations was to improve the S-E Ramp at Highways 403/407.
MTO_S2	Engineering Office	All Highway 403 Ramp Crossings	27.4 to 27.6 29.6 to 29.8 31.1 to 31.4 35.8 to 36.1 37.9 to 38.3 39.9 to 40.3	N	UPI		Protection for future Highway 403 widening is required. Please indicate what the minimum cover is for the pipeline under all of the Highway 403 ramp crossings.
MTO_S3	Engineering Office	Highway 401/427 Interchange	47.2 to 47.6	N	UPI		The proposed line crosses the Highway 401/427 Interchange. There are future MTO improvement plans at this location but the timing is unknown at this time. In addition, MTO will be looking at a further study of the interchange for additional improvements and/or refining the previously identified improvements. Examples of the type of improvements include a new larger ramp to provide better access from Highway 427 northbound to Highway 401 westbound and a new loop ramp from Highway 401 westbound to Highway 427 southbound. The proposed line would not be permitted to preclude MTO's future interests, so setbacks will be critical as well as protection for future MTO expansion.
MTO_S4	Engineering Office	Highway 409 and Airport Road	N/A (outside of project area)	N	UPI		The proposed line crosses Highway 409. Please be aware that the GTAA has proposed improvements on Highway 409, closer to Airport Road.
MTO_S5	Engineering Office	Highway 401/Highway 427 area	47.2 to 47.6	N	UPI		MTO has plans to initiate an Environmental Assessment/Preliminary Design Report study to assess the feasibility and protect for the potential for a future ultimate Express/Collector system in the Highway 401/427 area. As a result, the proposed line will have to consider MTO's ultimate plans on a conservative approach and not preclude any future works by this ministry.
MTO_S6	Engineering Office	Highway 400/Finch Avenue	57.4 to 57.5	N	UPI		The proposed line crosses Highway 400 just north of Finch. At this time Infrastructure Ontario (IO) is working on the Finch LRT project which includes the replacement of the Finch Avenue bridge on Highway 400. This work is expected to commence later in 2019. Again, any proposed work or permanent line cannot preclude or conflict with MTO's plans or IO's project (see comment <b>MTO_S7</b> from the Route Planning and Transit Initiative Office).
MTO_S7	Route Planning and Transit Initiative Office	Highway 400/Finch Avenue	57.4 to 57.5	N	UPI	UPI - is the Finch Avenue IOL crossing complete/close to being complete?	The proposed pipeline proposes to cross Highway 400 north of Finch Avenue and it is within the Metrolinx Finch LRT proposed work zone. Please ensure Metrolinx is contacted for coordination/review of this work. Here is a link to their website:  <a href="http://www.metrolinx.com/en/greaterregion/projects/finchwest-lrt.aspx">http://www.metrolinx.com/en/greaterregion/projects/finchwest-lrt.aspx</a>
MTO_S8	Route Planning and Transit Initiative Office	Highway 407/Highway 403	27.1 to 27.5	N	UPI	UPI - see attached "407TW4 - PIC.pdf" for alignment options.	The proposed new pipeline will have impacts to the on-going 407 Transitway in the area of Highway 407/Highway 403 interchange on the Mississauga/Oakville/Milton border. For background purposes, see attached plans presented at MTO's recent PIC.
MTO_S9	Route Planning and Transit Initiative Office	Highway 407/Highway 403	27.1 to 27.5	PENDING	UPI	UPI - see attached "407TW4 - PIC.pdf" for alignment options. Preliminary drawing should provide more details for MTO to determine if a conflict exists.	More details will be required to fully understand if the proposed pipeline will have a direct conflict with the 407 Transitway alignment that will be designed to cross under the interchange ramps and the connection from the Mississauga Transitway to the 407 Transitway between the interchange and Ridgeway Drive.



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Hassaan Basit  
Chief Administrative Officer  
Conservation Halton  
2596 Britannia Road West  
Burlington, Ontario  
L7P 0G3

Dear Mr. Basit,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63-kilometres of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

The Waterdown to Finch Project is proactively replacing a segment of pipeline to deliver continued safety and reliability. The existing pipeline will continue to operate until the project is complete.

Environmental and cultural assessments will start in the spring of 2018. Subject to provincial regulatory review and receipt of all permits, Imperial anticipates construction to begin in 2019.

Most replacement work will take place in close vicinity to the existing pipeline. Imperial representatives will also be communicating with landowners where proposed activities may be taking place in the coming weeks. Over the duration of the project, we will work collaboratively and communicate proactively to minimize construction impacts.

**Please accept this letter as a formal notification of Imperial's Waterdown to Finch Project. Imperial would like to schedule a meeting to discuss the Waterdown to Finch Project, share information and answer questions.** If you would like to learn more about the Waterdown to Finch Project, please contact us at [questions@imperialon.ca](mailto:questions@imperialon.ca) or leave a message at 416-586-1915.

In addition to the project brochure and meeting offer, you can also visit our project website at [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch) for an overview of the proposed replacement work, including project facts, work schedule, construction practices and community engagement efforts.

We look forward to connecting.

Sincerely,

Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited

c.c.: Michelle Caissie



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Deborah Martin-Downs  
Chief Administrative Officer  
Credit Valley Conservation Authority  
1255 Old Derry Road  
Mississauga, Ontario  
L5N 6R4

Dear Ms. Martin-Downs,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

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We look forward to connecting.

Sincerely,

Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited

c.c.: Gary Murphy



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Lisa Burnside  
Chief Administrative Officer  
Hamilton Conservation Authority  
838 Mineral Springs Road  
Ancaster, Ontario  
L9G 4X1

Dear Ms. Burnside,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

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We look forward to connecting.

Sincerely,

Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited

c.c.: Scott Peck



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

David Ayotte  
Director  
Niagara Escarpment Commission  
232 Guelph Street  
Georgetown, Ontario  
L7G 4B1

Dear Mr. Ayotte,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

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We look forward to connecting.

Sincerely,

Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited

c.c.: Debbie Ramsay



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

John MacKenzie  
Chief Executive Officer  
Toronto and Region Conservation Authority  
101 Exchange Avenue  
Vaughan, Ontario  
L4K 5R6

Dear Mr. MacKenzie,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

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We look forward to connecting.

Sincerely,

Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited

c.c.: Beth Williston

**Imperial**  
**Waterdown to Finch Pipeline Project**  
**June 11, 2018**  
**Conservation Halton and Niagara Escarpment Commission**  
**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Conservation Halton (CH)*

- Leah Chishimba (LC)
- Allan Newell (AN)
- Jonathan Pounder (JP)
- Charles Priddle (CP)
- Ben Davis (BD)
- Lesley Matich (LM)
- Kellie McCormack (KM)

*Niagara Escarpment Commission (NEC)*

- Kim Peters (KP)

*Imperial*

- Jessie Malone (JM)

*Environmental Resources Management*

- Matthew Scoular (MS)
- Amanda Juric (AJ)

*Savanta*

- Sean Male (SM)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Project (the Project)
- Describe ongoing/planned bio-physical and cultural studies
- Discuss concurrent OEB Leave to Construct (LTC) and CA/NEC permitting
- Confirm CA/NEC permit requirements
- Solicit a data sharing agreement, if applicable

Topic	Discussion
Introductions	LC (planning) and BD (permitting) will be the main points of contact at CH for the project. KP will be the main point of contact for NEC. JM will be the main point of contact for Imperial and MS for ERM.
Agenda	<ul style="list-style-type: none"> <li>• Safety Moment</li> <li>• Overview of Agenda</li> <li>• Review of Meeting Objectives</li> <li>• Project Overview and Timeline</li> <li>• Regulatory and Community Engagement Overview</li> <li>• Anticipated CA/NEC Permit Requirements</li> <li>• Ongoing/Planned Bio-physical and Cultural Surveys</li> <li>• Next Steps</li> </ul>
Safety Moment	JM shared a safety moment on pipeline operation related to proactive and regularly scheduled inspections

Objectives	<ul style="list-style-type: none"> <li>• Review and agreement of meeting objectives</li> </ul>
Project Overview & Timeline	<ul style="list-style-type: none"> <li>• JM stated that ERM is working on behalf of Imperial, and Savanta is supporting ERM with field work</li> <li>• Project is in the early stages of planning</li> <li>• Imperial intends to submit Ontario Energy Board (OEB) Leave to Construct application (including Environmental Report) in late 2018</li> <li>• JM provided high-level overview of pipeline, product transported, and project importance. Emphasis that the project is to build a replacement pipeline, switch the operation to the new pipeline, and deactivate the former pipeline that will be left in place</li> <li>• Preliminary estimate is 1/3 of the replacement pipeline will be installed via trenchless methods (e.g. Horizontal Directional Drilling), with remaining via trenched methods (e.g., open cut)</li> <li>• CH staff asked what the current depth of the pipeline is and what the depth of the replacement pipeline will be. Imperial confirmed that the depth of the existing pipeline varies between 3 to 4 ft. The depth of the trenched replacement pipeline will be 4 ft to the top of the pipe. The drilled sections of the pipeline will be much deeper (&gt;30 ft).</li> <li>• JM confirmed that they are attempting to obtain all original easement documentation to confirm parameters (e.g., width, if beds of watercourse crossings are included)</li> <li>• MS confirmed that vegetation management is limited within Imperial's exiting ROW/easement. Weed spraying is conducted at the above ground valve stations and grass mowing is conducted along the length of the pipeline within Imperial's easement. Brush clearing is not included in the terms of the pipeline easement, but may be conducted with landowner's consent. In shared ROWs, Imperial will share vegetation management costs with other pipeline owners.</li> <li>• MS stated that the construction disturbance footprint is assumed to be a buffer of 25m of the pipeline centreline for the OEB Environmental Report</li> <li>• JM stated that the placement of temporary workspace is being planned and MNRF/CAs/NEC will be consulted on it when it is available</li> <li>• JM stated that aboveground valve stations will be replaced like-for-like. Engineering design is in early stages. Once location of proposed valve station placement is confirmed, Imperial will provide</li> <li>• Alternative pipeline routes have been evaluated and a summary will be included in the OEB Environmental Report</li> </ul>
Regulatory Overview & Community Engagement	<ul style="list-style-type: none"> <li>• Imperial intends to submit OEB application and regulatory permitting applications concurrently</li> <li>• Community information sessions planned for end of July and in the fall across all Municipalities, including Burlington and Oakville</li> <li>• MS confirmed that consultation with OEB and Ontario Pipeline Coordination Committee (OPCC) has begun. OPCC does not sit as a committee, and therefore engagement with each member has been initiated</li> </ul>

	<ul style="list-style-type: none"> <li>• MS stated that Ministry of Energy will likely delegate duty to consult to Imperial as part of OEB process</li> <li>• MS confirmed that Imperial will consult with Infrastructure Ontario for the portion of the pipeline in Hydro One's right-of-way to determine Class EA requirements. Intent is to file one Environmental Report to meet OEB and Class EA requirements.</li> <li>• JM confirmed that Municipalities and Regional governments not yet engaged at a technical level, however, engagement is planned (e.g., arborist inventory for tree removal permits)</li> </ul>
CA/NEC Permitting	<ul style="list-style-type: none"> <li>• KP confirmed that drilling of boreholes for geotechnical work is exempt from NEC Development Permit; however, NEC would like to be notified a few days in advance of borehole work to manage any community comments.</li> <li>• KP stated that Development Permit Process will likely be sufficient for this project</li> <li>• KP confirmed that the NEC Development Permit needs to be issued after other permits (e.g., MNRF, MTCS, and CA issued permits). Exception is the OEB leave to construct.</li> <li>• KP confirmed that NEC Development Permit will not be issued until they are comfortable that other agency concerns are satisfied. For example, if archeological assessment needs to advance to Stages 3-4, the NEC Development Permit cannot be issued until MTCS receives and verifies survey.</li> <li>• KP stated that LTC application will fulfill requirement to justify the need for the project. MS stated that Imperial can include an NEC-specific concordance table in the LTC application, if required.</li> <li>• CH requested a site walk to familiarize themselves with areas of interest to assist in their permitting review</li> <li>• CH staff asked what Imperial's plan would be for environmental effects compensation (e.g., tree removal). MS responded by stating that the plan for the project would be to look at compensation/offsetting requirements across all CA jurisdictions and prepare a plan focused on ecosystems including trees, wetlands, wildlife habitat, if required vs. separate plans for each resource feature. Once a plan has been drafted, Imperial will engage the appropriate regulators (e.g., MNRF, CAs, and Municipalities). CH staff confirmed that this would be their preference as well</li> </ul>
Bio-physical and Cultural Surveys	<ul style="list-style-type: none"> <li>• Imperial consulted with the Aurora and Guelph Districts of the MNRF (Bohdan Kowalyk and Anne-Marie Laurence) for review of field survey methods</li> <li>• SM stated that surveys completed to date include: reptile emergence features, spring botanical survey, summer botanical survey (upcoming), breeding bird survey, cursory bat habitat assessment</li> <li>• SM stated that potential bat habitat areas identified, acoustic monitoring detectors deployed in early June</li> <li>• SM stated that preliminary bio-physical results for the 63 km route include 15 butternut trees, and S3-listed Virginia Blue Bells</li> </ul>

	<ul style="list-style-type: none"> <li>JM confirmed that avoidance of natural heritage features is preferred through early identification and planning vs. disturbance to and mitigation of environmental effects.</li> <li>CH staff confirmed that they do not conduct their own archeological assessments</li> <li>CH staff asked if geomorphology surveys are planned if watercourse banks will require cutting for construction access. ERM confirmed that they were not currently planned. Imperial's Engineers and ERM can contact Allan Newell for additional technical discussion once scope of HDDs is defined.</li> </ul>
Next Steps	<ul style="list-style-type: none"> <li>CH staff recommended that Imperial consult with the Region of Halton on their source protection plan for intake protection zones</li> <li>ERM staff to submit data request to CH</li> <li>Imperial /ERM staff to hold a workshop with CH to review the route via Google Earth once route has been refined to examine project disturbance footprint including construction access points. Imperial can also facilitate a drive of the ROW with interested CH and NEC representatives.</li> <li>CH staff suggested that Imperial present a high-level overview for Conservation Authority's and the NEC's board members once detailed routing has been determined.</li> <li>Any discussion related to land and crossing agreements will be conducted by Imperial's Land team and will initially be stewarded through CH point of contact. Land representatives (Imperial and CH) should be included in meetings going forward.</li> </ul>

Summary of Actions		Who
• CH to provide website URL for data-sharing request form		LC
• ERM to submit data-sharing request form		MS
• Imperial to confirm existing easement ownership and widths		JM
• Imperial to confirm strategy for valve station replacement and if existing valve stations will be removed.		JM
• Imperial to provide mapping of route centerline with delineation of trenchless vs. trenched segments, construction disturbance footprint and ROW access plans for construction		JM
• Imperial to notify NEC a few days in advance of Geotechnical borehole drilling work		JM
• CH to invite their Land team to next meeting. Imperial to do the same.		LC/JM
• Imperial and ERM to discuss the potential need for Geomorphology field surveys with CH once preliminary pipe installation methods and construction access is confirmed		JM

<p style="text-align: center;"><b>Imperial</b> <b>Waterdown to Finch Pipeline Project</b> <b>June 13, 2018</b> <b>Hamilton Conservation Authority</b> <b>Meeting Summary Notes</b></p> <p><i>*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.</i></p>	
<p><b>Participants</b></p> <p><i>Hamilton Conservation Authority</i></p> <ul style="list-style-type: none"> <li>• Scott Peck (SP)</li> <li>• Darren Kenny (DK)</li> </ul>	<p><i>Imperial</i></p> <ul style="list-style-type: none"> <li>• Jessie Malone (JM)</li> </ul> <p><i>Environmental Resources Management</i></p> <ul style="list-style-type: none"> <li>• Matthew Scoular (MS)</li> </ul> <p><i>Savanta</i></p> <ul style="list-style-type: none"> <li>• Sean Male (SM)</li> </ul>
<p style="text-align: center;"><b>Meeting Objectives</b></p> <ul style="list-style-type: none"> <li>• Describe Imperial's Waterdown to Finch Project (the Project)</li> <li>• Describe ongoing/planned bio-physical and cultural studies</li> <li>• Discuss concurrent OEB Leave to Construct process (LTC) and CA permitting</li> <li>• Confirm HCA permit requirements</li> <li>• Solicit a data sharing agreement, if applicable</li> </ul>	
Topic	Discussion
Introductions	<ul style="list-style-type: none"> <li>• DK will be HCAs point of contact for project. MS/JM will be the main points of contact for the project.</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Safety Moment</li> <li>• Overview of Agenda</li> <li>• Review of Meeting Objectives</li> <li>• Project Overview and Timeline</li> <li>• Regulatory and Community Engagement Overview</li> <li>• Anticipated CA Permit Requirements</li> <li>• Ongoing/Planned Bio-physical and Cultural Surveys</li> <li>• Next Steps</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• JM provided a safety moment reminding all to plan your route prior to driving a vehicle and not solely relying on GPS. GPS are not always accurate and reliable especially around Toronto Pearson International Airport.</li> </ul>
Objectives	<ul style="list-style-type: none"> <li>• Review and agreement of meeting objectives</li> </ul>
Project Overview & Timeline	<ul style="list-style-type: none"> <li>• JM stated that ERM is working on behalf of Imperial, and Savanta is supporting ERM with field work</li> <li>• Project is in the early stages of planning</li> <li>• Imperial intends to submit Ontario Energy Board (OEB) Leave to Construct application (including Environmental Report) in late 2018</li> </ul>

	<ul style="list-style-type: none"> <li>JM provided high-level overview of pipeline, product transported, and project importance. Emphasis that the project is to build a replacement pipeline, switch the operation to the new pipeline, and deactivate the former pipeline that will be left in place</li> <li>Preliminary estimate is 1/3 of the replacement pipeline will be installed via trenchless methods (e.g. Horizontal Directional Drilling), with remaining via trenched methods (e.g., open cut)</li> <li>SP asked to confirm how long pipeline deactivation and site restoration activities along ROW will take after the start of operation of new pipeline. DK assumes planting cannot be conducted until the following spring.</li> <li>JM confirmed that Enbridge owns pipeline that takes refined product from Sarnia refinery to Waterdown station. SP asked which Enbridge pipeline it is. JM will follow up on this.</li> <li>MS stated that Imperial has protocol set up with certain CAs for notification of high water. SP confirmed that this is not in place for HCA since Imperial pipeline crosses only small tributaries. Imperial to confirm which CAs this protocol is set up with.</li> <li>MS confirmed that Imperial will provide HCA with delineation of trenched/trenchless pipeline construction once available.</li> <li>MS/JM noted that Imperial wants to work with regulators to identify locations for construction temporary workspace.</li> <li>DK commented that the depth to bedrock is shallow in some areas, so understand the challenges with trenchless construction methods. HCA is open to trenching (depending on site conditions), but will require appropriate mitigation (e.g. isolation, restricted activity periods, etc.). DK indicated that their core concern will be the preservation of flows.</li> <li>SP asked how long segments would be between cut &amp; cap of deactivated pipeline. JM committed to following up on this.</li> <li>JM indicated that they will confirm whether any valve stations will be situated within HCA jurisdiction.</li> </ul>
<i>Regulatory Overview &amp; Community Engagement</i>	<ul style="list-style-type: none"> <li>MS outlined the OEB's LTC process and expected written hearing. Confirmed that pipeline is within OEB's (provincial) jurisdiction (not NEB) because it does not cross provincial/international boundaries.</li> <li>DK stated that HCA will want to see proof of landowner authorization for temporary workspace <u>and any access required located</u> outside of Imperial's existing easement.</li> <li>SP confirmed that HCA does not own any land in the area of Imperial's pipeline, therefore no crossing agreements with them will be required.</li> </ul>
<i>CA Permitting</i>	<ul style="list-style-type: none"> <li>Imperial staff should send an email request to DK outlining what data Imperial is looking for - HCA will request Imperial to sign a data sharing agreement and provide what data they have available. SP noted that their legal name is Hamilton Region Conservation Authority.</li> </ul>

**Commented [AJ1]:** Minor change indicated by Darren Kenny at Hamilton Conservation Authority via email on 19 June 2018 to Matt Scoular.

	<ul style="list-style-type: none"> <li>MS mentioned that a PSW is located within 120m of the project. DK stated that MNRF has jurisdiction over PSWs but he would talk with HCA ecologists regarding the PSW. <u>HCA does regulate activities within and surrounding wetlands (within 120m of PSWs), but MNRF staff have to be involved in any adjustment of PSW boundaries.</u></li> <li>SP noted that HCA is interested in continuing to enhance their relationship with pipeline operators.</li> <li>HCA noted that regulatory limits in the project area would need to be determined</li> </ul>
Bio-physical and Cultural Surveys	<ul style="list-style-type: none"> <li>SM stated that the project has met with MNRF Guelph and Aurora to discuss ESA requirements. MS stated that MNRF has reviewed and endorsed field program protocols.</li> <li>MS asked if HCA knew if any of the tributaries within their jurisdiction are fish bearing. DK was not sure and was doubtful that HCA had data for those watercourses; this area is within the Greenbelt and therefore development is restricted. DK noted that the watercourses in this area are predominantly headwater tributaries, likely with intermittent flow.</li> <li>SM indicated that the ELC mapping will likely show some wetlands in the area. Suggested that it would be a good idea to look at these wetlands as well during a site visit.</li> <li>DK stated that he will coordinate with HCA ecologists and suggest dates for a field trip. Potential to align with ERM fisheries field assessments</li> <li>SP noted that a City of Hamilton Environmentally Significant Area extends up into the vicinity of the pipeline.</li> </ul>
Next Steps	<ul style="list-style-type: none"> <li>DK has not been to the pipeline ROW to understand drainage and aquatics of the area. HCA would benefit from a site visit to be able to give Imperial a better idea of HCA requirements.</li> </ul>

**Commented [AJ2]:** Text addition indicated by Darren Kenny at Hamilton Conservation Authority via email on 19 June 2018 to Matt Scoular.

Summary of Actions		Who
<ul style="list-style-type: none"> <li>Send out dates and results of preliminary reconnaissance-level field surveys for ROW within HCA jurisdiction, if available.</li> </ul>		MS
<ul style="list-style-type: none"> <li>Imperial to confirm Enbridge pipeline number/name for segment of pipeline between Sarnia and Waterdown.</li> </ul>		JM
<ul style="list-style-type: none"> <li>Provide information on how long segments would be between cut &amp; cap of deactivated pipeline.</li> </ul>		JM
<ul style="list-style-type: none"> <li>Imperial staff should send an email request to HCA, DK outlining what environmental data Imperial is looking for.</li> </ul>		JM

<ul style="list-style-type: none"><li>• DK to work with HCA ecologists to suggest dates for a field trip.</li></ul>	<i>DK</i>
<ul style="list-style-type: none"><li>• Imperial and ERM staff to arrange site visit to pipeline ROW to understand drainage and aquatics of area for HCA staff to provide comments on HCA requirements.</li></ul>	<i>MS/JM</i>
<ul style="list-style-type: none"><li>• Imperial to provide HCA with delineation of trenched/trenchless pipeline construction once it is developed.</li></ul>	<i>JM</i>
<ul style="list-style-type: none"><li>• Protocol for notifying CA's of high water. Imperial to follow up with which CAs this protocol is set up with.</li></ul>	<i>JM</i>
<ul style="list-style-type: none"><li>• Imperial staff to confirm how long pipeline deactivation and site restoration activities along ROW will take after the start of operation of new pipeline.</li></ul>	<i>JM</i>

**Imperial**  
**Waterdown to Finch Pipeline Project**  
**June 14, 2018**  
**Toronto and Region Conservation Authority**  
**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

<p><b>Participants</b></p> <p><i>Toronto and Region Conservation Authority (TRCA)</i></p> <ul style="list-style-type: none"> <li>Beth Williston, Associate Director, Planning Team (BW)</li> <li>Annette Lister, Planner II EA Planning (AL)</li> <li>Sintnujan Navaratvanel (SN) Geotechnical Engineer</li> <li>Jairo Morelli (JaM) Water Resources Engineer</li> </ul>	<p><i>Imperial</i></p> <ul style="list-style-type: none"> <li>Jessie Malone (JM)</li> </ul> <p><i>Environmental Resources Management</i></p> <ul style="list-style-type: none"> <li>Matthew Scoular (MS)</li> <li>Amanda Juric (AJ)</li> </ul> <p><i>Savanta</i></p> <ul style="list-style-type: none"> <li>Sean Male (SM)</li> </ul>
<b>Meeting Objectives</b>	
<ul style="list-style-type: none"> <li>Describe Imperial's Waterdown to Finch Project (the Project)</li> <li>Describe ongoing/planned bio-physical and cultural studies</li> <li>Discuss concurrent OEB Leave to Construct (LTC) and CA permitting</li> <li>Confirm CA permit requirements</li> <li>Solicit a data sharing agreement, if applicable</li> </ul>	
<b>Topic</b>	<b>Discussion</b>
Introductions	<ul style="list-style-type: none"> <li>AL will be main point of contact at TRCA. JM will be the main point of contact for Imperial and MS for ERM.</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>Safety Moment</li> <li>Overview of Agenda</li> <li>Review of Meeting Objectives</li> <li>Project Overview and Timeline</li> <li>Regulatory and Community Engagement Overview</li> <li>Anticipated CA Permit Requirements</li> <li>Ongoing/Planned Bio-physical and Cultural Surveys</li> <li>Next Steps</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>JM provided a safety moment reminding all to plan your route prior to driving a vehicle and not solely relying on GPS. GPS are not always accurate and reliable especially around Toronto Pearson International Airport</li> </ul>
Objectives	<ul style="list-style-type: none"> <li>Review and agreement of meeting objectives</li> </ul>

<p>Project Overview &amp; Timeline</p>	<ul style="list-style-type: none"> <li>• JM noted the project is in the early stages of planning</li> <li>• BW inquired as to whether other Conservation Authorities have been consulted. JM stated Halton and Hamilton Conservation Authority and Niagara Escarpment Commission have been consulted earlier in week; Credit Valley Conservation is scheduled for next week.</li> <li>• JM provided high-level overview of pipeline route, product transported (refined product), and project importance. Emphasis that the project is to build a replacement pipeline, switch the operation to the new pipeline, and deactivate the former pipeline that will be left in place. The project is an “infrastructure renewal” with no plan to increase capacity of pipeline</li> <li>• JM confirmed existing and replacement pipeline is 12” and made of steel, further technical questions on materials/ construction can be answered by Engineers upon request.</li> <li>• Preliminary estimate is 1/3 of the replacement pipeline will be installed via trenchless methods (e.g., Horizontal Directional Drilling), with remaining via trenched methods (e.g., open cut)</li> <li>• Imperial intends to submit Ontario Energy Board (OEB) Leave to Construct application (including Environmental Report) in late 2018.</li> <li>• BW provided an overview on the CA’s in that they are quasi-provincial. With the National Energy Board there is a “duty to consult” as permits are secured from TRCA and also through the broader NEB process. Functionally, the CEO of the TRCA reports to a Board (referred to as the “Authority”). The Board is comprised of appointed Councillors or members of the public from each of the major municipalities, and it meets monthly to provide direction to the TRCA. TRCA’s approach is to proactively supply information to the Board on projects. Under the Board is the Executive, which consists of a group of 2 councillors from each municipality. The Executive is responsible for approving major permits</li> <li>• BW noted that TRCA is part of the Greater Golden Horseshoe Group with Halton, Hamilton and the Credit Valley Conservation Authorities. Also noted that the Waterdown to Finch Project has been brought to the attention of that group and they will likely coordinate respective responses</li> <li>• JM&amp; MS clarified that the project is under provincial jurisdiction. OEB submission, not NEB, although a similar process. Likely will be a written hearing.</li> <li>• JM stated that the project is in early consultation phase to address concerns and propose mitigate measures prior to OEB leave to construct application submission.</li> <li>• BW inquired whether the Environmental Report to the OEB will include a commentary of the CA’s concerns and the proponent’s response. MS confirmed a public, Indigenous and government consultation report and consultation logs will be part of the application and issues and responses relevant to the environmental assessment will be summarized in the Environmental Report.</li> </ul>
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<p><i>Regulatory Overview &amp; Community Engagement</i></p>	<ul style="list-style-type: none"> <li>• Imperial intends to submit OEB application and regulatory permitting applications concurrently. Aiming for approval in mid-2019 with construction commencing in fall 2019</li> <li>• JM confirmed upcoming community engagement sessions scheduled for the end of July, with a second set at end of November (after municipal elections). As per recommendation from OEB, first session is to solicit feedback/ concerns to incorporate into project planning with second session to demonstrate follow-up actions to raised concerns.</li> <li>• MS confirmed that Imperial will consult with Infrastructure Ontario for the portion of the pipeline in Hydro One's right-of-way to determine Class EA requirements. Intent is to file one Environmental Report to meet OEB and Class EA requirements.</li> </ul>
<p><i>CA Permitting</i></p>	<ul style="list-style-type: none"> <li>• MS stated that <i>Fisheries Act</i> self-assessments and <i>Navigation Protection Act</i> screenings will be completed.</li> <li>• BW commented that the TRCA screens source water protection areas (CTC Source Protection Plan contact is Alyssa Roth (alyssa.roth@trca.on.ca)) and coordinates with Regional governments. BW recommended the project team engage the Regions on this.</li> <li>• MS confirmed that consultation with MNRF was undertaken for field program, and MOECC will be consulted regarding water taking permits</li> <li>• MS stated that Stage 1 archeological assessment is complete and is planned to be submitted to the MTCS shortly, with plans for stage 2 archaeological assessments to be conducted this summer. Assessments will be sent to Indigenous stakeholders for comment before submission to MTCS.</li> <li>• AL noted that TRCA staff archaeologist only needs to be engaged for any disturbance to TRCA lands. If all disturbance is limited to the utility corridor, then TRCA staff archaeologist does not need to be engaged. TRCA staff archaeologist may be engaged to complete archaeological work off TRCA lands (i.e. on the utility corridor) upon request, but is not required.</li> <li>• JM confirmed that Imperial has an easement, which the new pipeline is planned to stay within</li> <li>• AL noted that the TRCA has developed a Guideline for Determining Ecosystem Compensation protocol for loss of ecosystem services, set to be approved at the end of June 25<sup>th</sup> ( <a href="https://trca.ca/app/uploads/2018/07/TRCA-Guideline-for-Determining-Ecosystem-Compensation-June-2018.pdf">https://trca.ca/app/uploads/2018/07/TRCA-Guideline-for-Determining-Ecosystem-Compensation-June-2018.pdf</a> )</li> <li>• SN commented that there may be concerns about steep slopes in the area and the need to stay 15m away from long term stable top of slopes, as determined through a long-term slope stability assessment.</li> <li>• JM confirmed pipeline is currently at depths between 3 to 4 feet, new construction will have 4 feet of overburden when trenched and &gt;30 feet when drilled. Pipeline is operated under pressure, and is not a gravity feed</li> <li>• BW commented that once engineering information is available, having a presentation to TRCA would facilitate permitting review</li> </ul>

	<ul style="list-style-type: none"> <li>• JM stated that once project route and temporary workspace/access mapping available and shared with regulators, comments will be collected and addressed</li> <li>• AL stated a concern about down-cutting in watercourses in the future, slope stability, bank stability, and any potential for pipeline to be exposed. Vertical and horizontal alignment of the new pipeline will have to consider these issues.</li> <li>• JaM noted a requirement to maintain a minimum distance of 2 m below the invert of the channel bed for channel crossing with defined bed banks. For smaller streams the ideal is 2 m, but depending on size and location, it may be variable. However, if less than 2 m, a fluvial geomorphology assessment may be required. TRCA can screen the alignment mapping to identify where the 2 m overburden would not be sufficient</li> <li>• BW noted that there is no tree clearance permit from TRCA that needs to be secured. However, TRCA has previously provided a letter stating the TRCA has reviewed tree clearance. BW commented that this helps from a public perception perspective, but ultimately TRCA prefers trees stay in the ground</li> </ul>
<i>Bio-physical and Cultural Surveys</i>	<ul style="list-style-type: none"> <li>• Imperial consulted with the Aurora and Guelph Districts of the MNRF (Bohdan Kowalyk and Anne-Marie Laurence) for review of field survey methods</li> <li>• MS stated that surveys completed to date include: reptile emergence features, spring botanical survey, breeding bird survey, cursory bat habitat assessment</li> <li>• SM stated that potential bat habitat areas identified, acoustic monitoring detectors deployed in early June – one is stationed with in TRCA jurisdiction. Working with MNRF regarding SAR aspect for detector placement (sent to them for review)</li> <li>• SM stated that preliminary bio-physical results for the 63 km route include 15 butternut trees, and S3-listed Virginia Blue Bells – one butternut in TRCA, Humber could be turtle nesting habitats however directional drilling is planned therefore minimal interference with turtles</li> <li>• AL noted that the TRCA will work with the proponent who signs the data request agreement to provide additional information. AL will provide a link to TRCA open data page.</li> <li>• BW commented that previous pipeline projects provided Enbridge typical drawings of HDD and contingency plans which may be available for sharing with Imperial and aid in consultation discussions</li> <li>• AL inquired whether all watercourse, wetland and other natural feature and hazard crossings have been identified</li> <li>• MS stated that a desktop review was conducted, but still pending field work</li> <li>• AL stated that TRCA also completed a preliminary desktop analysis with mapped regulated areas, however they can review Imperial Oil mapping of features along pipeline alignment (once confirmed) to identify smaller areas of concern and participate in a potential field walk. As part of data request, TRCA desktop review (GIS shape files) can be provided (note: TRCA mapping is not 100% accurate, and the text of O.Reg. 166/06 prevails over mapping)</li> </ul>

	<ul style="list-style-type: none"> <li>• MS confirmed that there is a sub-surface clearance process for utility locates. ERM undertakes a standard process through Ontario One call and incorporates private utility clearance prior to any ground penetrating work.</li> <li>• AL inquired about the access during construction – will it be occurring at each crossing? TRCA’s preference is to access from either side of a watercourse with no temporary crossing of watercourses</li> <li>• MS confirmed that engineers are looking at access plan in addition to temporary workspace needs &amp; JM iterated that the pipeline will be located within existing corridor, and therefore access points will largely remain unchanged</li> </ul>
<i>Next Steps</i>	<ul style="list-style-type: none"> <li>• MS inquired as to TRCA expectations for geotechnical borehole drilling to determine feasibility for trenchless pipeline installation. Iterated 1/3 of the pipeline is estimated to be trenchless (water crossings, railroads, highways). Aiming to initiate borehole work in the next month and MNRF/MTCS will be consulted on borehole locations</li> <li>• AL stated that TRCA issues permits depending on the borehole location and plan. If a borehole is within regulated areas, the TRCA may issue a permit. Best practice is to consult with TRCA on borehole locations to confirm permit requirements</li> <li>• BW inquired broadly about the risk of the existing pipeline. Citing that concerns to spills into a river will likely be of high concern to the Board and community</li> <li>• JM confirmed that there is an emergency spill response plan in place for the existing, operating pipeline which will be reviewed for the newly installed pipeline. Also cited that there is an upcoming coordinated emergency response practice drill in October for the existing pipeline</li> <li>• BW inquired whether there have been any breaches to the pipeline</li> <li>• JM provided information that no known leaks on the pipeline. Commented that there is a proactive replacement along Credit River that will be integrated into the newer build that was identified as critical to the pipelines integrity</li> <li>• MS confirmed that ERM conducted a Phase 1 Environmental Site Assessment and no spills were identified from the pipeline</li> <li>• BW inquired about the location and sufficiency of shut-off valves for the pipeline</li> <li>• JM confirmed that a series of above ground valve stations exist which are a mixture of automated and manual valves. Plan is to match existing, however an engineering study is occurring to assess existing locations and determining if they are sufficient</li> <li>• BW requested a copy of the spill response plan for the existing pipeline</li> <li>• AL noted special interest/potential concern in section 42 to 56.4 (west of Weston Rd) where watercourse meanders in the utility corridor – Humber Main River and confluence with Main and Emory creek (designated Provincial Significant Wetland). This area is bordered by TRCA lands</li> <li>• MS stated that PSWs and major watercourses are currently planned to be drilled, and JM indicated that a plan is being developed for this area</li> <li>• BW inquired about dewatering requirements and TRCA hydrogeologist (Don Ford) may be a good resource to engage</li> </ul>

	<ul style="list-style-type: none"> <li>MS stated the engineers are looking at water requirements for hydrostatic testing and potential dewatering needs</li> </ul>
<i>Summary of Actions</i>	<i>Who</i>
<ul style="list-style-type: none"> <li>Imperial staff to share the list of political stakeholders from Peel and Toronto which have been engaged for TRCA to flag as stakeholders (complete)</li> </ul>	JM
<ul style="list-style-type: none"> <li>Imperial staff to consider invitation to affected municipalities and CAs to participate in and observe October spill response drill</li> </ul>	JM
<ul style="list-style-type: none"> <li>TRCA staff to share draft compensation protocol, set to be approved at the end of June 25<sup>th</sup>.</li> </ul>	AL
<ul style="list-style-type: none"> <li>Imperial staff to provide preliminary plans trenchless (e.g., HDD) vs. trenched (open cut) pipeline installation methods once available. Identify all TRCA regulated features (i.e. watercourses, wetlands, valleys and any other natural features and hazards) on this plan as well</li> </ul>	JM
<ul style="list-style-type: none"> <li>Imperial staff to provide geotechnical borehole locations for TRCA staff to determine permitting requirements</li> </ul>	JM
<ul style="list-style-type: none"> <li>Imperial staff to consider a briefing presentation to the TRCA Board on the project. TRCA staff can scope out if this would be necessary and suggested level of participation from project team</li> </ul>	JM
<ul style="list-style-type: none"> <li>TRCA staff to provide a link to TRCA open data page (complete)</li> </ul>	AL

**Imperial**  
**Waterdown to Finch Pipeline Project**  
**June 20, 2018**  
**Credit Valley Conservation Authority**  
**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Credit Valley Conservation Authority*

- Liam Marray (LM), Manager, Planning Ecology
- Rizwan Haq (RH), Senior Manager, Engineering Plan Review

*Environmental Resources Management*

- Matthew Scoular (MS)
- Amanda Juric (AJ)

*Imperial*

- Jessie Malone (JM)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Project (the Project)
- Describe ongoing/planned bio-physical and cultural studies
- Discuss concurrent OEB Leave to Construct (LTC) and CA/NEC permitting
- Confirm CA/NEC permit requirements
- Solicit a data sharing agreement, if applicable

Topic	Discussion
Introductions	LM will be the primary point of contact for the CVC. MS will be the primary point of contact for ERM and JM for Imperial
Agenda	<ul style="list-style-type: none"> <li>• Safety Moment</li> <li>• Overview of Agenda</li> <li>• Review of Meeting Objectives</li> <li>• Project Overview and Timeline</li> <li>• Regulatory and Community Engagement Overview</li> <li>• Anticipated CA/NEC Permit Requirements</li> <li>• Ongoing/Planned Bio-physical and Cultural Surveys</li> <li>• Next Steps</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• JM provided a safety moment reminding all to plan your route prior to driving a vehicle and not solely relying on GPS. GPS are not always accurate and reliable especially around Toronto Pearson International Airport.</li> </ul>
Objectives	<ul style="list-style-type: none"> <li>• Review and agreement of meeting objectives</li> </ul>
Project Overview & Timeline	<ul style="list-style-type: none"> <li>• JM stated that ERM is working on behalf of Imperial, and Savanta is supporting ERM with field work</li> <li>• Project is in the early stages of planning</li> <li>• Imperial intends to submit Ontario Energy Board (OEB) Leave to Construct application (including Environmental Report) in late 2018</li> </ul>

	<ul style="list-style-type: none"> <li>• JM provided high-level overview of pipeline, product transported, and project importance. Emphasis that the project is to build a replacement pipeline, switch the operation to the new pipeline, and deactivate the former pipeline that will be left in place</li> <li>• Preliminary estimate is 1/3 of the replacement pipeline will be installed via trenchless methods (e.g. Horizontal Directional Drilling), with remaining via trenched methods (e.g., open cut)</li> <li>• JM stated that the Credit River crossing was flagged with a higher priority for replacement than the entire pipeline project. New pipeline will tie into this segment for which the permitting is underway, exact status is unknown at this time. JM confirmed that the pipeline is being drilled under the river.</li> <li>• JM stated that the construction schedule will account for sensitive timing windows and activity restrictions.</li> <li>• RH inquired about the rationale for where the footprint of proposed pipeline deviates from the existing pathway on the map (black vs. red line). JM explained Imperial's easement and the Hydro One corridor location. JM highlighted section between KM 30-35 where highway crossings and historic changes in development make re-routing a better option.</li> <li>• LM inquired on the depth of the pipeline.</li> <li>• JM confirmed that the depth of the existing pipeline varies between 3 to 4 ft. The depth of the trenched replacement pipeline will be 4 ft to the top of the pipe. The drilled sections of the pipeline will be much deeper (&gt;30 ft).</li> <li>• JM stated data regarding the planned depth of drill can be shared with CVC for screening for geomorphology requirements.</li> <li>• RH stated that CVC depends on proponent to identify required pipeline depths based on an identified technical standard.</li> <li>• MS confirmed that a borehole drilling program will be conducted to assess feasibility of drilling plans.</li> <li>• JM confirmed that vegetation management is limited within Imperial's exiting ROW/easement. Weed spraying is conducted at the above ground valve stations. Brush clearing and grass mowing is not included in the terms of the pipeline easement, but may be conducted with landowner's consent. In shared ROWs, Imperial will share vegetation management costs with other pipeline owners.</li> <li>• JM stated that aboveground valve stations will be replaced like-for-like. Engineering design is in early stages. Once location of proposed valve station placement is confirmed, Imperial will provide to CVC.</li> </ul>
Regulatory Overview & Community Engagement	<ul style="list-style-type: none"> <li>• Imperial intends to submit OEB application and regulatory permitting applications concurrently</li> <li>• Community information sessions planned for end of July and in the fall across all Municipalities</li> </ul>

	<ul style="list-style-type: none"> <li>MS confirmed that consultation with OEB and Ontario Pipeline Coordination Committee (OPCC) has begun. OPCC does not sit as a committee, and therefore engagement with each member has been initiated</li> <li>MS confirmed that Imperial will consult with Infrastructure Ontario for the portion of the pipeline in Hydro One's right-of-way to determine Class EA requirements. Intent is to file one Environmental Report to meet OEB and Class EA requirements.</li> </ul>
CA Permitting	<ul style="list-style-type: none"> <li>MS stated that the project will be applying for a NEC Development Permit</li> <li>JM inquired about CVC crossing agreements. LM to confirm with lands group at CVC, stated that most of lands are leased to City of Mississauga which will require the project to work with both CVC and the city.</li> <li>LM stated that CVC would like to see consultation with MNRF for consistency for discussion around potential effects on wetland and watercourses and permitting</li> <li>LM inquired whether the NEC considered the entire pipeline to be one project. Iterated that CVC cannot issue permits until NEC issues theirs, noting however the portion in the CVC is not in Niagara Escarpment.</li> <li>JM indicated the need to follow up with the NEC for the procedure in place when jurisdictions don't overlap (i.e., CVC and NEC)</li> <li>LM stated CVC's priority on trenchless installations in all wetlands and if not, provide an appropriate rationale. Stated that financial rationales may be considered, but the preference is not to use these as the primary deciding factor.</li> </ul>
Bio-physical and Cultural Surveys	<ul style="list-style-type: none"> <li>Imperial consulted with the Aurora and Guelph Districts of the MNRF (Bohdan Kowalyk and Anne-Marie Laurence) for review of field survey methods</li> <li>MS reviewed bio-physical surveys completed to date, including: reptile emergence features, spring botanical survey, summer botanical survey (upcoming), breeding bird survey, cursory bat habitat assessment</li> <li>MS stated that potential bat habitat areas identified, acoustic monitoring detectors deployed in early June. One located in CVC jurisdiction.</li> <li>MS stated that preliminary bio-physical results for the 63 km route include 15 butternut trees (1 in CVC jurisdiction), and S3-listed Virginia Blue Bells</li> <li>LM noted a species at risk in the area is monarchs. This may be a focus for meeting significant wildlife habitat (i.e. milkweed).</li> <li>LM stated that CVC is moving in the direction of creating a compensation protocol, but nothing in place at the moment. CVC is working with Halton Region to create a plan, however it will likely will be heavily based on the TRCA document.</li> <li>CVC staff confirmed that they do not conduct their own archeological assessments</li> <li>RH inquired what environmental studies would be provided to the CVC for review.</li> <li>MS stated that reports will be shared as available to solicit comments and clarify requirements.</li> <li>JM added that survey results would be compiled in submission report.</li> </ul>

Next Steps	<ul style="list-style-type: none"><li>LM indicated that data request can be send directly to him. LM will send data sharing agreement.</li><li>MS stated that the TRCA sends high water flow event notifications to Imperial, and inquired if CVC has similar processes.</li><li>LM &amp; RH stated that CVC has a notification process, and Imperial’s operations can easily be included.</li><li>RH stated a CVC concern during construction is erosion and sediment control plans – specifically the area of disturbance and duration of disturbances.</li><li>JM inquired as to the frequency of construction communications CVC would like to observe. Stated there will be an environmental point of contact for the construction kick-off.</li><li>RH indicated that daily communication is not necessary, but would need an understanding of the project.</li><li>LM stated that CVC can have concerns at times regarding leaving infrastructure in place because is may be exposed in the future and create a barrier, etc.</li><li>RH added that decommissioning and removal of segments may need to occur. Geomorphology report may need to evaluate the 100-year plan. Stated that there needs to be a discussion on the planned approach for the removal of the pipeline. It doesn’t necessarily have to occur immediately, it could be deferred 20-30 years, but evaluation needs to occur.</li><li>LM noted that monthly meetings occur between CVC and MNRF. Indicated it may be beneficial to have both parties together at the same discussion to ensure alignment on approach.</li></ul>
<b>Summary of Actions</b>	
<ul style="list-style-type: none"><li>LM to provide Data Sharing agreement</li></ul>	LM
<ul style="list-style-type: none"><li>ERM to submit data-sharing request form</li></ul>	MS
<ul style="list-style-type: none"><li>Imperial to provide mapping of route centerline with delineation of trenchless vs. trenched segments, construction disturbance footprint and ROW access plans for construction</li></ul>	JM
<ul style="list-style-type: none"><li>Send consultation with MNRF to CVC</li></ul>	MS
<ul style="list-style-type: none"><li>LM to confirm with lands group at CVC re: land crossing agreements.</li></ul>	LM
<ul style="list-style-type: none"><li>Include CVC in consultations with MNRF</li></ul>	MS

BY EMAIL ONLY

July 9, 2018

Matt Scoular  
Project Manager  
ERM  
120 Adelaide Street West, Suite 2020  
Toronto, ON  
M5H 1T1

**Re: Imperial's Sarnia Products Pipeline: Waterdown to Finch Project**

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In follow up to our meeting on June 11, 2018, Niagara Escarpment Commission (NEC) staff would like to provide you with a list of Niagara Escarpment Plan (NEP) policies that should be addressed in the Environmental Report as part of the Ontario Energy Board (OEB) Leave to Construct Application.

The NEP land use designations in the study area are Escarpment Rural Area, Escarpment Protection, Area and Escarpment Natural Area. Infrastructure (including an oil and gas pipeline) is a permitted use in these designations; however, any new or expanded infrastructure in Escarpment Natural Area must be deemed necessary to the public interest after all other alternatives have been considered (Part 2.12.5 of the NEP). The consideration of alternatives through the Environmental Report and OEB process can be used to demonstrate that this criterion has been achieved.

In addition to this key policy, the following NEP development criteria should also be addressed through the EA process:

NEP Policy		Comments
Part 2.2.1	General Development Criteria	The Escarpment environment should be protected, restored and where possible enhanced for the long term. Negative impacts on the Escarpment environment should be avoided, and opportunities for enhancement of the Escarpment environment should be explored through the Environmental Report.
Part 2.2.2	General Development Criteria	The site shall not be prone to natural hazards, and the development shall not impact the control of these natural hazards. NEC staff recognizes that the proposed pipeline is a replacement pipeline, and


EXHIBIT H Record of Consultation – Supporting Documents	NEP Policy	Comments
		will likely need to cross lands that are prone to natural hazards. However, natural hazards including flooding and erosion should not be exacerbated by construction or the location of the pipeline.
Part 2.5	Development Affecting Steep Slopes and Ravines	Development should be compatible with the Escarpment environment and not result in unsafe conditions. An engineering report will be required to for areas where construction may impact steep slopes.
Part 2.6	Development Affecting Water Resources	Refer to policies 2.6.3 through 5, and 2.6.9 through 12. Essential infrastructure is an exception to the NEP prohibition on development in key hydrologic features. Any key hydrologic features that will be impacted directly or indirectly by the proposed roadworks should be inventoried and the potential impacts should be addressed in the Environmental Report, including how these impacts will be avoided or mitigated.
Part 2.7	Development Affecting Natural Heritage	Refer to policies 2.7.3 through 9, and 2.7.12. Essential infrastructure is an exception to the NEP prohibition on development in key natural heritage features. The objective is to protect and where possible enhance natural heritage features and functions.
Part 2.12	Infrastructure	Infrastructure should be designed and located so that the least possible impact occurs on the Escarpment environment. Refer to policies 2.12.1 through 6. Part 2.12.6 requires an agricultural impact assessment or equivalent analysis for infrastructure proposed in prime agricultural areas. Although this is a buried pipeline, efforts should be made during construction to ensure agricultural operations are not negatively impacted. Agricultural lands should be returned to an agricultural condition following construction. NEC staff expects that potential impacts on agriculture, including mitigation measures, will be addressed in the Environmental Report.
Part 2.13	Scenic Resources and Landform Conservation	The visual impact of the pipeline right of way should be minimized to the greatest extent possible by minimizing the amount of vegetation clearing and tree removal required. Native species should be used when replanting. Escarpment landforms should be maintained; cutting and filling should be minimized and must be clearly shown on construction drawings. Excess soil or other excavated material should not be disposed

EXHIBIT H Record of Consultation – Supporting Documents	NEP Policy	Comments
		of in the NEP Area unless a NEC Development Permit has been issued for the receiving site.

Prior to submitting the Environmental Report to the OEB, NEC staff expects that there will be an opportunity to review the Environmental Report, and that the above-noted policies will be addressed to the satisfaction of NEC staff. The Development Permit Application and Environmental Report can be reviewed concurrently. Once the OEB Leave to Construct is issued, the NEC may proceed with issuing Development Permit, subject to NEP policies being met. A finalized pipeline corridor and detailed construction drawings will be required prior to the issuance of an NEC Development Permit. Other agency approvals (e.g., Conservation Halton, municipalities, MNRF) cannot be issued until the NEC Development Permit has been approved.

Should you require additional clarification, please contact Kim Peters at [kim.peters@ontario.ca](mailto:kim.peters@ontario.ca) or 905-877-6425.

Sincerely,



Kim Peters, MCIP, RPP  
Senior Strategic Advisor

- c. Jessie Malone, Imperial
- Leah Chishimba, Conservation Halton

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**RE: Imperial Waterdown to Finch Project - Geotechnical Investigation**

Murray, Liam [Liam.Murray@cvc.ca]

**Sent:** Wednesday, July 18, 2018 2:46 PM**To:** Matthew Scoular [Matthew.Scoular@erm.com]**Cc:** Malone, Jessie M [jessie.m.malone@esso.ca]; Watson, James [james.watson@hii-upi.com]; Majdalani, Elias [elias.majdalani@exxonmobil.com]; Imperial Isometrix**Categories:** Green Category

Matthew – as we discussed since there is no grading or fill placement or expected vegetation removal associated with the boreholes no permit is required from CVC.

When available please submit the PDF maps for our records.

If you have any additional questions do not hesitate to contact me.

Liam

**Liam Murray**

Senior Manager, Planning Ecology| Credit Valley Conservation

905.670.1615  ext 239 | C: 416.896.1064 | 1.800.668.5557 [liam.murray@cvc.ca](mailto:liam.murray@cvc.ca) | [cvc.ca](http://cvc.ca)

---

**From:** Matthew Scoular [mailto:Matthew.Scoular@erm.com]**Sent:** July 18, 2018 2:27 PM**To:** Murray, Liam**Cc:** Malone, Jessie M; Watson, James; Majdalani, Elias; Imperial-isometrix@national.ca**Subject:** Re: Imperial Waterdown to Finch Project - Geotechnical Investigation

Hi Liam,

As discussed on the phone today, we are close to being able to send PDF maps of the proposed borehole locations.

We can also confirm that clearing and grading is not planned for the Geotechnical investigation.

Matt

Get [Outlook for iOS](#)

---

**From:** Murray, Liam <liam.murray@cvc.ca>**Sent:** Wednesday, July 18, 2018 1:54 PM**To:** Matthew Scoular**Cc:** Malone, Jessie M**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

Mathew

Can you please provide the borehole locations in a pdf format.



CVC does not typically issue a permit for boreholes unless there is grading require to install the boreholes or vegetation removal.

If you have any additional questions, do not hesitate to contact me.

Yours truly,

Liam

**Liam Marray**

Senior Manager, Planning Ecology| Credit Valley Conservation  
905.670.1615  ext 239 | C: 416.896.1064 | 1.800.668.5557   
[liam.marray@cvc.ca](mailto:liam.marray@cvc.ca) | [cvc.ca](http://cvc.ca)

---

**From:** Matthew Scoular [mailto:Matthew.Scoular@erm.com]

**Sent:** July 17, 2018 2:55 PM

**To:** Imperial-isometrix@national.ca

**Cc:** Malone, Jessie M (jessie.m.malone@esso.ca); Mark Welsh; Curtis Campbell; Watson, James (James.Watson@hii-upi.com)

**Subject:** Imperial Waterdown to Finch Project - Geotechnical Investigation

**Importance:** High

Hi all,

Imperial's Waterdown to Finch Project Geotechnical Investigation borehole locations and access plans are attached for your review. The investigation is planned to start the end of July/early August 2018 and take approximately three months to complete. We will send our Environmental Protection Plan for the investigation shortly.

Please let me know if you need to discuss anything.

Best Regards,

Matt Scoular, M.E.S., MCIP, RPP  
Project Manager / Senior Consultant

**ERM**

120 Adelaide Street West | 20<sup>th</sup> Floor | Suite 2020  
Toronto, ON | Canada | M5H 1T1

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**FW: Imperial Waterdown to Finch Project - Geotechnical Investigation**

Matthew Scoular [Matthew.Scoular@erm.com]

**Sent:** Wednesday, July 25, 2018 10:26 AM**To:** Imperial Isometrix**Categories:** Green Category

Best,

Matt Scoular

**ERM****M** +1 416 567 7126 

---

**From:** Kenny, Darren <Darren.Kenny@conservationhamilton.ca>**Sent:** Friday, July 20, 2018 10:18 AM**To:** Matthew Scoular <Matthew.Scoular@erm.com>**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

Matthew,

There are two borehole locations and one short access road connecting them that are within our watershed. As only the easterly borehole is within our regulated area and the access is along the cleared portion of the pipeline ROW (no additional disturbance should be required), we will not require that Imperial obtain written approval from our office for the completion of the one borehole.

I will provide further regulated area information, mapping and HCA requirements for the larger pipeline replacement project to you next week.



Thank you

**Darren Kenny, B.Sc. (Hons.), CAN-CISEC****Watershed Officer, Badge # 113**

Hamilton Conservation Authority

P.O. Box 81067, 838 Mineral Springs Road

Ancaster, Ontario L9G 4X1

Tel - 905-525-2181 , ext. 131Fax - 905-648-4622 [darren.kenny@conservationhamilton.ca](mailto:darren.kenny@conservationhamilton.ca)Website - [www.conservationhamilton.ca](http://www.conservationhamilton.ca)

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Thank you.

---

**From:** Matthew Scoular [<mailto:Matthew.Scoular@erm.com>]  
**Sent:** Tuesday, July 17, 2018 2:55 PM  
**To:** [Imperial-isometrix@national.ca](mailto:Imperial-isometrix@national.ca)  
**Cc:** Malone, Jessie M ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)) <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>; Mark Welsh <[Mark.Welsh@erm.com](mailto:Mark.Welsh@erm.com)>; Curtis Campbell <[Curtis.Campbell@erm.com](mailto:Curtis.Campbell@erm.com)>; Watson, James ([James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)) <[James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)>  
**Subject:** Imperial Waterdown to Finch Project - Geotechnical Investigation  
**Importance:** High

Hi all,

Imperial's Waterdown to Finch Project Geotechnical Investigation borehole locations and access plans are attached for your review. The investigation is planned to start the end of July/early August 2018 and take approximately three months to complete. We will send our Environmental Protection Plan for the investigation shortly.

Please let me know if you need to discuss anything.

Best Regards,

Matt Scoular, M.E.S., MCIP, RPP  
Project Manager / Senior Consultant

**ERM**

120 Adelaide Street West | 20<sup>th</sup> Floor | Suite 2020  
Toronto, ON | Canada | M5H 1T1


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**RE: Imperial Waterdown to Finch Project - Geotechnical Investigation**

Dunlop, John (MTCS) [John.Dunlop@ontario.ca]

**Sent:** Wednesday, August 01, 2018 10:31 AM**To:** Matthew Scoular [Matthew.Scoular@erm.com]; Imperial Isometrix**Cc:** Malone, Jessie M (jessie.m.malone@esso.ca); Mark Welsh [Mark.Welsh@erm.com]; Curtis Campbell [Curtis.Campbell@erm.com]; Watson, James (James.Watson@hii-upi.com); Imperial Isometrix

Good Morning Matt,

Thank you for your email. I've reviewed the attached document as well as the mapping for the geotechnical boreholes. MTCS has no comment at this time.

Thank you,

Regards,

John

**John Dunlop**

Archaeology Review Officer

Archaeology Programs Unit

Programs and Services Branch | Ministry of Tourism, Culture and Sport

[Archaeology@ontario.ca](mailto:Archaeology@ontario.ca)Tel: 416-212-8442 [www.ontario.ca/archaeology](http://www.ontario.ca/archaeology)

---


**From:** Matthew Scoular [mailto:Matthew.Scoular@erm.com]**Sent:** July 31, 2018 2:05 PM**To:** Imperial-isometrix@national.ca**Cc:** Malone, Jessie M (jessie.m.malone@esso.ca) <jessie.m.malone@esso.ca>; Mark Welsh <Mark.Welsh@erm.com>; Curtis Campbell <Curtis.Campbell@erm.com>; Watson, James (James.Watson@hii-upi.com) <James.Watson@hii-upi.com>; Imperial-isometrix@national.ca**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

All,

As promised, our Environmental Protection Plan for the Geotechnical investigation is also attached for your records.

Best,

Matt Scoular

**ERM****M** +1 416 567 7126 

---

**From:** Matthew Scoular**Sent:** Tuesday, July 17, 2018 2:55 PM**To:** [Imperial-isometrix@national.ca](mailto:Imperial-isometrix@national.ca)**Cc:** Malone, Jessie M ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)) <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>; Mark Welsh <[Mark.Welsh@erm.com](mailto:Mark.Welsh@erm.com)>; Curtis Campbell ([Curtis.Campbell@erm.com](mailto:Curtis.Campbell@erm.com)) <[Curtis.Campbell@erm.com](mailto:Curtis.Campbell@erm.com)>; Watson, James ([James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)) <[James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)>

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**Subject:** Imperial Waterdown to Finch Project - Geotechnical Investigation

**Importance:** High

Hi all,

Imperial's Waterdown to Finch Project Geotechnical Investigation borehole locations and access plans are attached for your review. The investigation is planned to start the end of July/early August 2018 and take approximately three months to complete. We will send our Environmental Protection Plan for the investigation shortly.

Please let me know if you need to discuss anything.

Best Regards,

Matt Scoular, M.E.S., MCIP, RPP  
Project Manager / Senior Consultant

**ERM**

120 Adelaide Street West | 20<sup>th</sup> Floor | Suite 2020  
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**RE: Imperial Waterdown to Finch Project - Geotechnical Investigation**

Malone, Jessie M [jessie.m.malone@esso.ca]

**Sent:** Wednesday, August 01, 2018 4:19 PM**To:** Annette Lister [alister@trca.on.ca]**Cc:** Matthew Scoular [Matthew.Scoular@erm.com]

Thanks Annette. Just acknowledging receipt of your comments – we will look to provide answers shortly.

**Jessie Malone, P.Eng****Environmental and Regulatory Advisor**

Safety Security Health and Environment, Imperial

505 Quarry Park Blvd. SE, Calgary, AB T2C 5N1 | W5C.244

[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca) P 587.476.4799 | C. 403.826.5491[imperialoil.ca](http://imperialoil.ca) | [Twitter](#) | [YouTube](#)**From:** Annette Lister [mailto:alister@trca.on.ca]**Sent:** Wednesday, August 1, 2018 12:58 PM**To:** Matthew Scoular <Matthew.Scoular@erm.com>**Cc:** Malone, Jessie M <jessie.m.malone@esso.ca>**Subject:** Re: Imperial Waterdown to Finch Project - Geotechnical Investigation

Hello Matthew,

Thank you for providing the borehole site and access location plans in the form of shape files for our review. It was very helpful to be able to overlay the proposed boreholes and accesses directly onto our own mapping layers. Please see the attached letter for our comments on the TRCA regulated boreholes.

Please let me know if you have any questions.

Thank you,  
Annette

**Annette Lister, M.A.Sc.**

Planner

Environmental Assessment Planning | Planning and Development

T: 416.661.6600 ext. 5266

E: [alister@trca.on.ca](mailto:alister@trca.on.ca)

A: 101 Exchange Avenue, Vaughan ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | [trca.ca](http://trca.ca)

From: Matthew Scoular &lt;Matthew.Scoular@erm.com&gt;

To: "Imperial-isometrix@national.ca" &lt;Imperial-isometrix@national.ca&gt;

Cc: "Malone, Jessie M" (jessie.m.malone@esso.ca) &lt;jessie.m.malone@esso.ca&gt;, Mark Welsh &lt;Mark.Welsh@erm.com&gt;, Curtis Campbell &lt;Curtis.Campbell@erm.com&gt;, "Watson, James" (James.Watson@hii-upi.com) &lt;James.Watson@hii-upi.com&gt;

Date: 07/17/2018 02:54 PM

Subject: Imperial Waterdown to Finch Project - Geotechnical Investigation

Hi all,

Imperial's Waterdown to Finch Project Geotechnical Investigation borehole locations and access plans are attached for your review. The investigation is planned to start the end of July/early August 2018 and take approximately three months to complete. We will send our Environmental Protection Plan for the investigation shortly.

Please let me know if you need to discuss anything.

Best Regards,

Matt Scoular, M.E.S., MCIP, RPP  
Project Manager / Senior Consultant

**ERM**

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[\[attachment "20180713 Boreholes and access roads.zip" deleted by Annette Lister/TRCA\]](#)

# Figure 1 Waterdown to Finch Project - Study Area

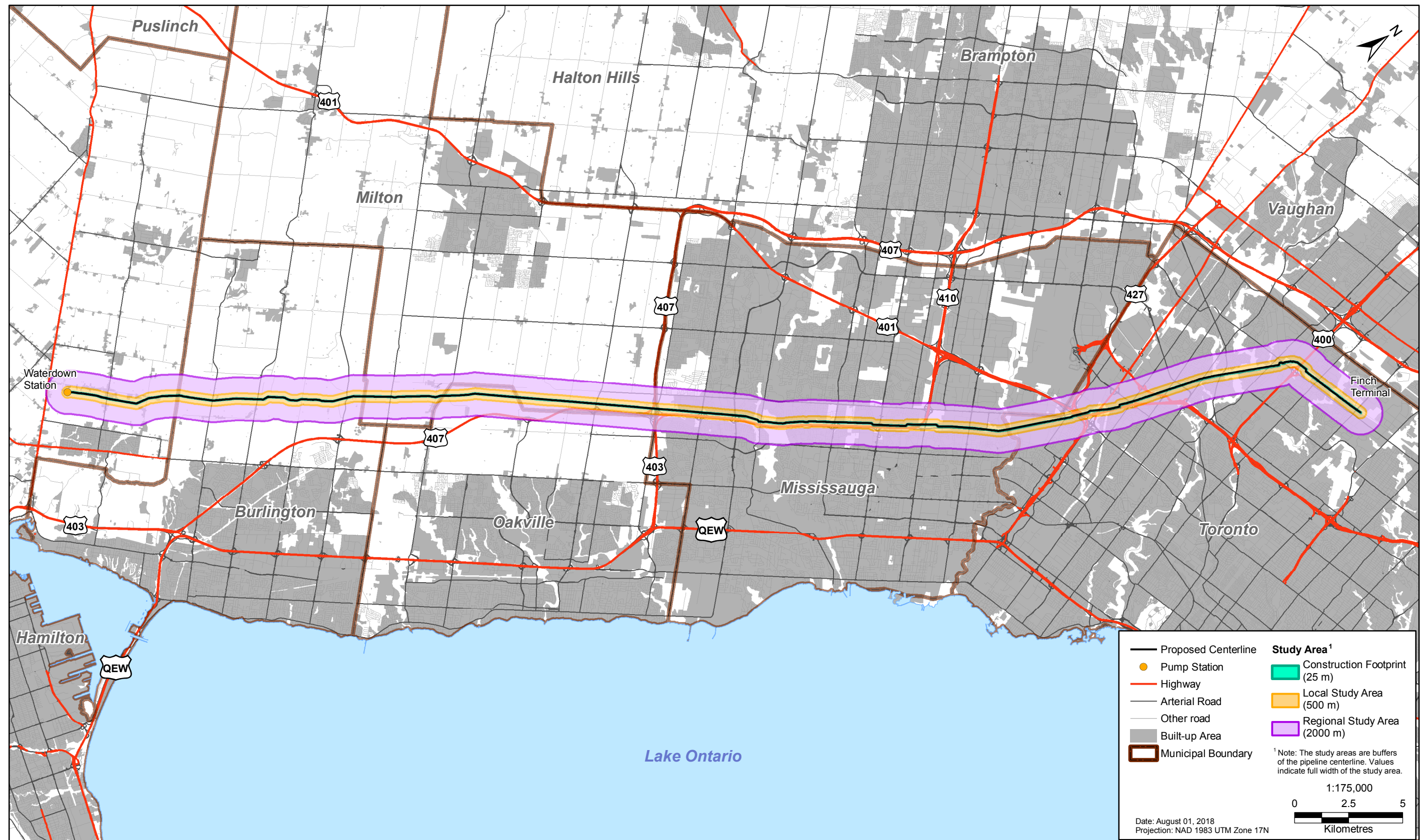


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**RE: Imperial Waterdown to Finch Project - Geotechnical Investigation**

Heather Dearlove [hdearlove@hrca.on.ca]

**Sent:** Thursday, August 02, 2018 3:00 PM**To:** Matthew Scoular [Matthew.Scoular@erm.com]; Imperial Isometrix**Cc:** Malone, Jessie M (jessie.m.malone@esso.ca); Mark Welsh [Mark.Welsh@erm.com]; Curtis Campbell [Curtis.Campbell@erm.com]; Watson, James (James.Watson@hii-upi.com)

Good Afternoon Matt,

Conservation Halton has reviewed the proposed Geotechnical Investigation and borehole location and has no concerns.

As mentioned previously, I will be the main contact for Conservation Halton as the study progresses. Please keep me up to date on the study.

Sincerely,

**Heather Dearlove, BSc.**

Environmental Planner

**Conservation Halton**

2596 Britannia Road West, Burlington, ON L7P 0G3

905.336.1158 ext. 2231 | Fax 905.336.6684 | [hdearlove@hrca.on.ca](mailto:hdearlove@hrca.on.ca)[conservationhalton.ca](http://conservationhalton.ca)

---

**From:** Matthew Scoular [mailto:Matthew.Scoular@erm.com]**Sent:** July 31, 2018 8:35 AM**To:** Imperial-isometrix@national.ca**Cc:** Malone, Jessie M (jessie.m.malone@esso.ca); Mark Welsh; Curtis Campbell; Watson, James (James.Watson@hii-upi.com)**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation**Importance:** High

Hi all,

Please see below for mapping of the borehole locations.

Username = **Waterdown**Password = **112597Hd**<https://onyx.erm.com>

With this you can upload/download one file at a time

Or, in the upper right click "Enable Web Client Pro" and you should be able to upload/download multiple files at a time

Best,

Matt Scoular

**ERM****M** +1 416 567 7126

**From:** Matthew Scoular  
**Sent:** Tuesday, July 17, 2018 2:55 PM  
**To:** Imperial-isometrix@national.ca  
**Cc:** Malone, Jessie M (jessie.m.malone@esso.ca) <jessie.m.malone@esso.ca>; Mark Welsh <Mark.Welsh@erm.com>; Curtis Campbell (Curtis.Campbell@erm.com) <Curtis.Campbell@erm.com>; Watson, James (James.Watson@hii-upi.com) <James.Watson@hii-upi.com>  
**Subject:** Imperial Waterdown to Finch Project - Geotechnical Investigation  
**Importance:** High

Hi all,

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Please let me know if you need to discuss anything.

Best Regards,

Matt Scoular, M.E.S., MCIP, RPP  
Project Manager / Senior Consultant

#### ERM

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Toronto, ON | Canada | M5H 1T1


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**FW: NEC Exemption Letter for Imperial Waterdown to Finch Project**

Matthew Scoular [Matthew.Scoular@erm.com]

**Sent:** Thursday, August 30, 2018 5:01 PM**To:** Amanda Juric [Amanda.Juric@erm.com]; Imperial Isometrix**Attachments:** 19-176 Malone Exemption.pdf (810 KB)

Best,

Matt Scoular

**ERM****M** +1 416 567 7126 

---

**From:** Ilkiw, Matthew (MNRF) <Matthew.Ilkiw@ontario.ca>**Sent:** Tuesday, August 07, 2018 12:25 PM**To:** Matthew Scoular <Matthew.Scoular@erm.com>**Cc:** jessie.m.malone@esso.ca; Peters, Kim (MNRF) <Kim.Peters@ontario.ca>**Subject:** NEC Exemption Letter for Imperial Waterdown to Finch Project

Dear Mr. Scoular,

Please find the enclosed exemption letter from the NEC for the geotechnical investigation involving up to 9 boreholes and associated access routes within the NEP area.

Please note your file, H/X/2018-2019/176 will now be closed.

Kind regards,

**Matthew Ilkiw**

Land Use Planner

**Niagara Escarpment Commission**


An agency of the Government of Ontario

232 Guelph Street | Georgetown, ON | L7G 4B1

**Tel:** 905-877-5341  ex.13**Website:** [www.escarpment.org](http://www.escarpment.org)

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Niagara Escarpment Commission

Commission de l'escarpement du Niagara

232 Guelph St.  
Georgetown, ON L7G 4B1  
Tel: 905-877-5191  
Fax: 905-873-7452  
www.escarpment.org

232, rue Guelph  
Georgetown ON L7G 4B1  
No de tel. 905-877-5191  
Télécopieur 905-873-7452  
www.escarpment.org



Niagara Escarpment Commission  
An agency of the Government of Ontario

August 7, 2018

Jessie Malone  
505 Quarry Park Blvd SE  
Calgary, Alberta T2C 5N1

Dear Jessie Malone:

**Re: Niagara Escarpment Commission Exemption Letter for file: H/X/2018-2019/176  
Borehole Locations 1-9  
City of Hamilton (Flamborough, Waterdown) - Region of Halton (Burlington)**

---

The Niagara Escarpment Commission has reviewed the application for the drilling of boreholes for geotechnical investigations related to the Waterdown to Finch pipeline project.

Paragraph 24 of Section 5 of R.R.O. 1990, Regulation 828 as amended exempts the excavation of land, including the boring of holes, provided: this class of development is listed as permitted use in the Niagara Escarpment Plan, and is not in conflict with a Development Permit issued under the *Niagara Escarpment Planning and Development Act* (the NEPDA), and all the following conditions are met:

The excavation of land including the boring of holes, for one of the following temporary purposes:

- i. Testing for aggregate in the Escarpment Rural Area of the Niagara Escarpment Plan.
- ii. Soil testing.
- iii. Test drilling for the supply of water.
- iv. Archeological exploration, survey of field work carried out in accordance with the Ontario Heritage Act or a federal statute.
- v. Surveys or field work undertaken for the purpose of environmental monitoring, research or inventory.

Based on the information that you have provided in the application, it appears that your proposal falls within the above-noted exemption criteria. Provided all requirements Paragraph 24 of Section 5 of the Regulation are met, a Development Permit is not required from the Niagara Escarpment Commission for the boring of holes.

Niagara Escarpment Commission

232 Guelph St.  
Georgetown, ON L7G 4B1  
Tel: 905-877-5191  
Fax: 905-873-7452  
www.escarpment.org

Commission de l'escarpement du Niagara

232, rue Guelph  
Georgetown ON L7G 4B1  
No de tel. 905-877-5191  
Télécopieur 905-873-7452  
www.escarpment.org



Niagara Escarpment Commission  
An agency of the Government of Ontario

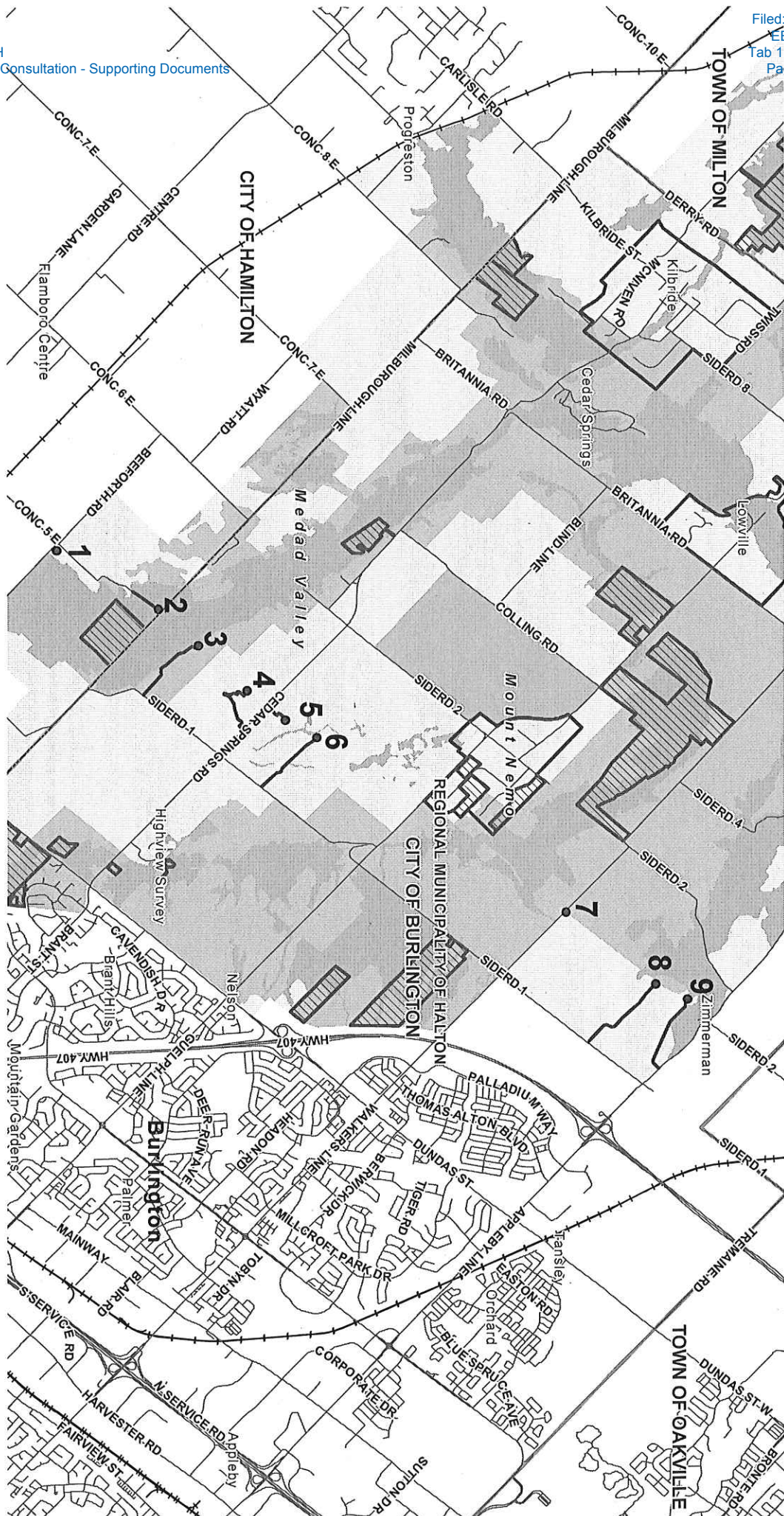
This Exemption from requiring a Development Permit under the NEPDA does not limit the need for or the requirements of any other approval, license or certificate under any statute (e.g., Ontario Building Code, *Conservation Authorities Act*, *Endangered Species Act*)

If you have any questions, please contact me at (905) 877-5341 ex.13 or at [matthew.ilkiw@ontario.ca](mailto:matthew.ilkiw@ontario.ca)

Yours truly,

A handwritten signature in black ink, appearing to read "M. Ilkiw".

Matthew Ilkiw  
Planner



This proposal is exempt from requiring a Niagara Escarpment Development Permit pursuant to Section 5.24 of Ontario Regulation 828/90, as amended.

Signed W. Clark Date 08/07/18  
Niagara Escarpment Commission

Midstate Educational Consortium  
Signed \_\_\_\_\_ Date \_\_\_\_\_  
Course designation 038760 as submitted  
through the Office \_\_\_\_\_ of \_\_\_\_\_  
Midstate Educational Consortium being  
this document is exempt from the Freedom of  
Information Act.

Niagara Escarpment Commission

Commission de l'escarpement du Niagara

232 Guelph St.  
Georgetown, ON L7G 4B1  
Tel: 905-877-5191  
Fax: 905-873-7452  
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232, rue Guelph  
Georgetown ON L7G 4B1  
No de tel. 905-877-5191  
Télécopieur 905-873-7452  
www.escarpment.org



Niagara Escarpment Commission  
An agency of the Government of Ontario

August 7, 2018

Jessie Malone  
505 Quarry Park Blvd SE  
Calgary, Alberta T2C 5N1

Dear Jessie Malone:

**Re: Niagara Escarpment Commission Exemption Letter for file: H/X/2018-2019/176  
Borehole Locations 1-9  
City of Hamilton (Flamborough, Waterdown) - Region of Halton (Burlington)**

---

The Niagara Escarpment Commission has reviewed the application for the drilling of boreholes for geotechnical investigations related to the Waterdown to Finch pipeline project.

Paragraph 24 of Section 5 of R.R.O. 1990, Regulation 828 as amended exempts the excavation of land, including the boring of holes, provided: this class of development is listed as permitted use in the Niagara Escarpment Plan, and is not in conflict with a Development Permit issued under the *Niagara Escarpment Planning and Development Act* (the NEPDA), and all the following conditions are met:

The excavation of land including the boring of holes, for one of the following temporary purposes:

- i. Testing for aggregate in the Escarpment Rural Area of the Niagara Escarpment Plan.
- ii. Soil testing.
- iii. Test drilling for the supply of water.
- iv. Archeological exploration, survey of field work carried out in accordance with the Ontario Heritage Act or a federal statute.
- v. Surveys or field work undertaken for the purpose of environmental monitoring, research or inventory.

Based on the information that you have provided in the application, it appears that your proposal falls within the above-noted exemption criteria. Provided all requirements Paragraph 24 of Section 5 of the Regulation are met, a Development Permit is not required from the Niagara Escarpment Commission for the boring of holes.

Niagara Escarpment Commission

232 Guelph St.  
Georgetown, ON L7G 4B1  
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Niagara Escarpment Commission  
An agency of the Government of Ontario

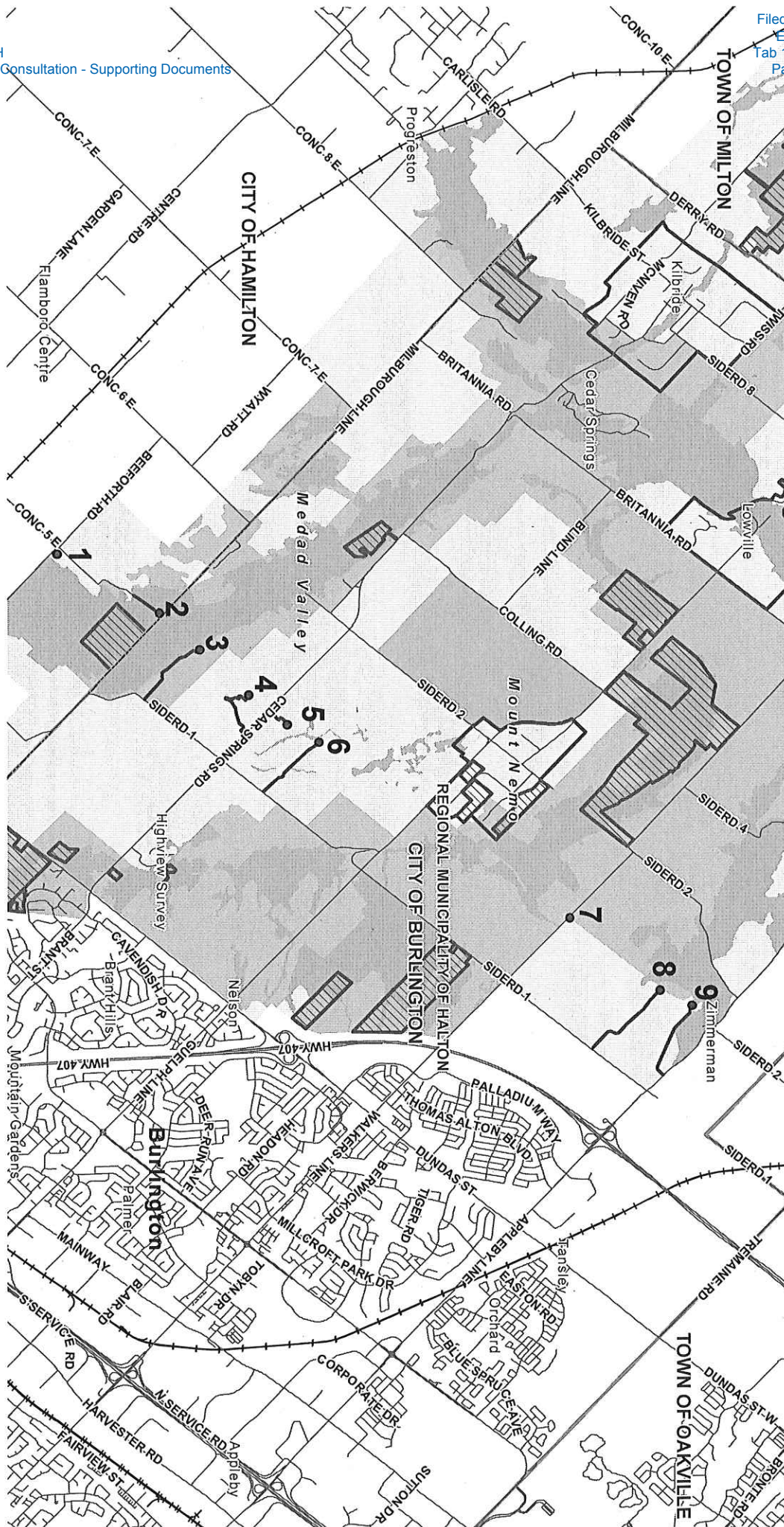
This Exemption from requiring a Development Permit under the NEPDA does not limit the need for or the requirements of any other approval, license or certificate under any statute (e.g., Ontario Building Code, *Conservation Authorities Act*, *Endangered Species Act*)

If you have any questions, please contact me at (905) 877-5341 ex.13 or at [matthew.ilkiw@ontario.ca](mailto:matthew.ilkiw@ontario.ca)

Yours truly,

A handwritten signature in black ink, appearing to read 'M. Ilkiw'.

Matthew Ilkiw  
Planner



This proposal is exempt from requiring a  
Niagara Escarpment Development Permit  
pursuant to Section 5.24  
of  
Ontario Regulation 828/90, as amended.

Signed M. Blund Date 08/07/18  
Niagara Escarpment Commission

Midvale Escrow/Trust Company  
Signed \_\_\_\_\_ Date \_\_\_\_\_  
Custodian of the Escrow  
Midvale Escrow/Trust Company  
The undersigned is a duly qualified person

**RE: Imperial Waterdown to Finch Project - Geotechnical Investigation**

Kowalyk, Bohdan (MNRF) [bohdan.kowalyk@ontario.ca]

**Sent:** Thursday, August 09, 2018 1:11 PM**To:** Matthew Scoular [Matthew.Scoular@erm.com]**Cc:** Malone, Jessie M (jessie.m.malone@esso.ca); Mark Welsh [Mark.Welsh@erm.com]; Curtis Campbell [Curtis.Campbell@erm.com]; Watson, James (James.Watson@hii-upi.com); Imperial Isometrix; McKenna, Tara (MNRF) [Tara.McKenna@ontario.ca]; Laurence, Anne Marie (MNRF) [annemarie.laurence@ontario.ca]

Hello,

Recognizing that no vegetation clearing or grading is required and assuming the boreholes are outside of the previously indicated Jefferson Salamander habitat, MNRF Aurora District has no concerns with the proposed boreholes.

Regards,

Bohdan Kowalyk, R.P.F.

District Planner, Aurora District, Ontario Ministry of Natural Resources and Forestry

50 Bloomington Road, Aurora, Ontario L4G 0L8

Phone: 905-713-7387 ; Email: [Bohdan.Kowalyk@Ontario.ca](mailto:Bohdan.Kowalyk@Ontario.ca)

---

**From:** Matthew Scoular [mailto:Matthew.Scoular@erm.com]**Sent:** August-07-18 1:30 PM**To:** Kowalyk, Bohdan (MNRF)**Cc:** Malone, Jessie M (jessie.m.malone@esso.ca); Mark Welsh; Curtis Campbell; Watson, James (James.Watson@hii-upi.com); Imperial-isometrix@national.ca; McKenna, Tara (MNRF); Laurence, Anne Marie (MNRF)**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation**Importance:** High

Hi Bohdan,

When we spoke last week you mentioned you were having your management biologist review our proposed borehole locations. Please let me know if they require any additional information. Can you please provide an expected turnaround on this review?


As discussed previously, no vegetation clearing or grading is required for the investigation and no new permanent or temporary access roads area needed.

MNRF Guelph has reviewed the boreholes within their jurisdiction and did not have any comments or concerns except one within JESA regulated habitat (borehole #9). We have delayed borehole #9 until we are able to discuss with Anne-Marie and confirm if it is within 300m of a breeding wetland.

Thank-you,

Best,

Matt Scoular

**ERM****M** +1 416 567 7126 

---


**From:** Matthew Scoular**Sent:** Tuesday, July 31, 2018 2:05 PM**To:** Imperial-isometrix@national.ca**Cc:** Malone, Jessie M (jessie.m.malone@esso.ca) <jessie.m.malone@esso.ca>; Mark Welsh <Mark.Welsh@erm.com>; Curtis Campbell (Curtis.Campbell@erm.com) <Curtis.Campbell@erm.com>; Watson, James (James.Watson@hii-upi.com) <James.Watson@hii-upi.com>; Imperial-isometrix@national.ca**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

All,

As promised, our Environmental Protection Plan for the Geotechnical investigation is also attached for your records.

Best,

Matt Scoular

**ERM****M** +1 416 567 7126 

---

**From:** Matthew Scoular**Sent:** Tuesday, July 17, 2018 2:55 PM**To:** [Imperial-isometrix@national.ca](mailto:Imperial-isometrix@national.ca)**Cc:** Malone, Jessie M ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)) <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>; Mark Welsh <[Mark.Welsh@erm.com](mailto:Mark.Welsh@erm.com)>; Curtis Campbell ([Curtis.Campbell@erm.com](mailto:Curtis.Campbell@erm.com)) <[Curtis.Campbell@erm.com](mailto:Curtis.Campbell@erm.com)>; Watson, James ([James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)) <[James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)>**Subject:** Imperial Waterdown to Finch Project - Geotechnical Investigation**Importance:** High

Hi all,

Imperial's Waterdown to Finch Project Geotechnical Investigation borehole locations and access plans are attached for your review. The investigation is planned to start the end of July/early August 2018 and take approximately three months to complete. We will send our Environmental Protection Plan for the investigation shortly.

Please let me know if you need to discuss anything.

Best Regards,

Matt Scoular, M.E.S., MCIP, RPP  
Project Manager / Senior Consultant

**ERM**

120 Adelaide Street West | 20<sup>th</sup> Floor | Suite 2020  
Toronto, ON | Canada | M5H 1T1

**T** +1 416 646 3608  | **M** +1 416 567 7126 


**E** [matthew.scoular@erm.com](mailto:matthew.scoular@erm.com) | **W** [www.erm.com](http://www.erm.com)

EXHIBIT H  
Record of Consultation - Supporting Documents

Filed: 2019-02-22  
EB-2019-0007  
Tab 1, Schedule 4  
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EXHIBIT H

Record of Consultation - Supporting Documents

Filed: 2019-02-22

EB-2019-0007

Tab 1, Schedule 4

Page 52 of 128

**RE: Imperial Waterdown to Finch Project - Geotechnical Investigation**

Laurence, Anne Marie (MNRF) [annemarie.laurence@ontario.ca]

**Sent:** Tuesday, August 14, 2018 9:56 AM**To:** Matthew Scoular [Matthew.Scoular@erm.com]; McKenna, Tara (MNRF) [Tara.McKenna@ontario.ca]**Cc:** Currie, April (MNRF) [April.Currie@ontario.ca]; Malone, Jessie M (jessie.m.malone@esso.ca); Curtis Campbell [Curtis.Campbell@erm.com]; Imperial Isometrix; Mark Welsh [Mark.Welsh@erm.com]

Matt

It appears that you intend to implement all of our recommendations in order to address our concerns, so there is no need to discuss at this end.

Thanks

Anne Marie

---

Anne Marie Laurence

Management Biologist

Ministry of Natural Resources &amp; Forestry

Guelph District

(519) 826-4132

---

**From:** Matthew Scoular [mailto:Matthew.Scoular@erm.com]**Sent:** August-13-18 4:26 PM**To:** Laurence, Anne Marie (MNRF); McKenna, Tara (MNRF)**Cc:** Currie, April (MNRF); Malone, Jessie M (jessie.m.malone@esso.ca); Curtis Campbell; Imperial-isometrix@national.ca; Mark Welsh**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

Hi Anne-Marie,

Thank you for your comments. Please see Imperial's responses below in red.

Let me know if you need to discuss.

Best,

Matt Scoular

**ERM****M** +1 416 567 7126

---

**From:** Laurence, Anne Marie (MNRF) <annemarie.laurence@ontario.ca>**Sent:** Tuesday, August 07, 2018 5:30 PM**To:** Matthew Scoular <Matthew.Scoular@erm.com>; McKenna, Tara (MNRF) <Tara.McKenna@ontario.ca>**Cc:** Currie, April (MNRF) <April.Currie@ontario.ca>**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

Hi Matt

Thanks for providing a shapefile of the borehole locations. I've looked at the area within Guelph District.

Our main concern with work conducted during the active period for Jefferson Salamander and the Unisexual Ambystoma (Jefferson-dominated population) within 300m of a breeding pond is that this area is critical in particular for the juveniles which are known to remain in this area throughout the season. In your study area, the potential breeding ponds (shown in green) have not been sampled so we can't rule them out as not having the species present (they are considered recovery habitat), but as you noted those ponds won't be the focus of your work since they are already within regulated habitat and protected.

Here are some specific observations and comments for the portion of the project area within Guelph District:

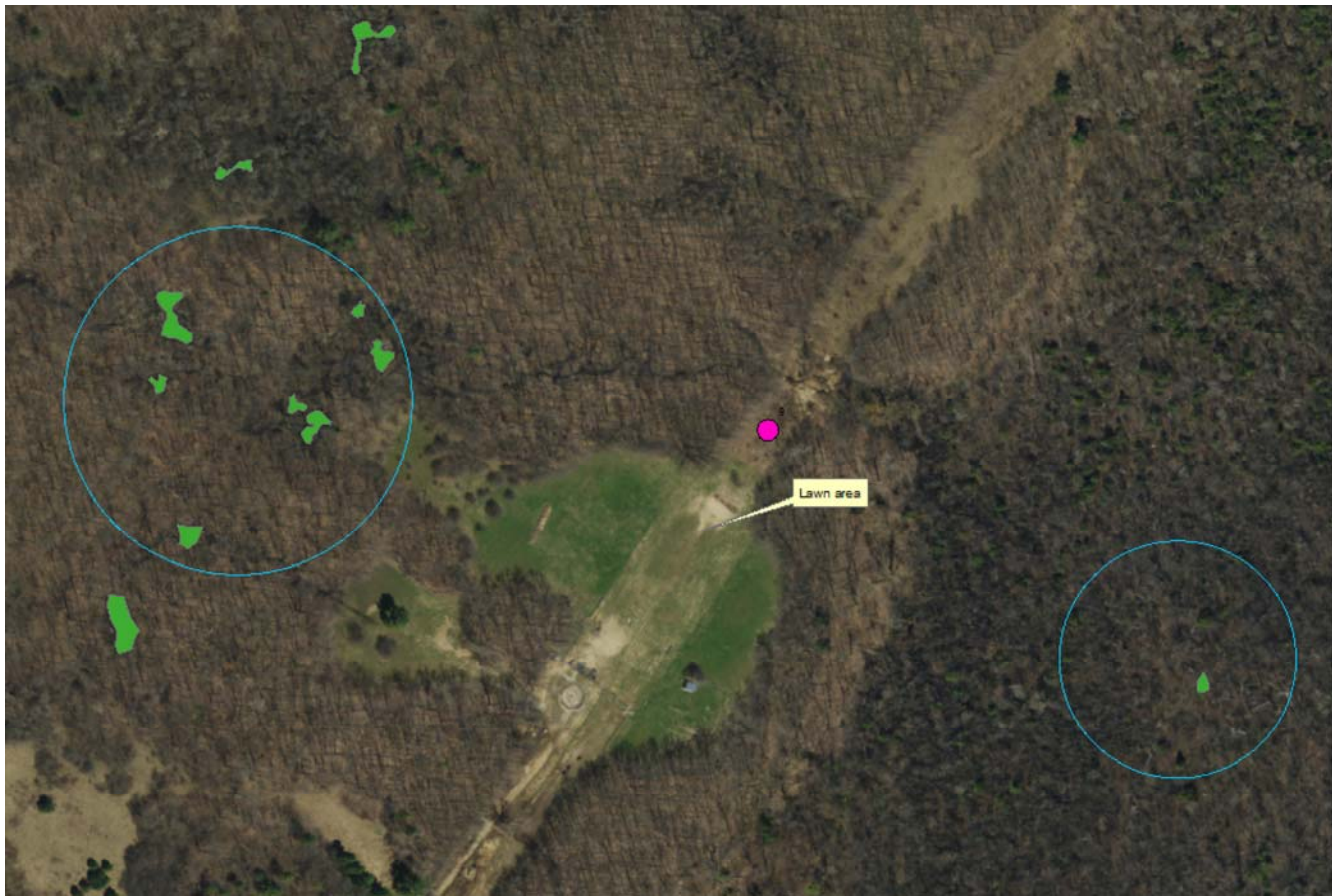
Boreholes 6,7,8, & Road Borehole-2: There are several potential (unsampled) breeding ponds within 300m; however, given the site-specific habitat characteristics of these borehole locations (i.e., near roads, in lawn areas, and/or not connected to natural areas), it is MNRF's opinion that there would be low risk to the species if working in these areas if workers are aware of the potential for the species to be present in the area during the active season (April-Nov) and a qualified individual familiar with identification of the species is on site to oversee the work.

**Workers will be oriented on the potential for JESA to be present in the area and a qualified individual familiar with identification of JESA will be on site to oversee the work.**

Borehole 9: There are 8 potential breeding ponds within 300m of this borehole location (circled on the map below). These ponds have not been sampled to confirm presence/absence of the species; however, there is a confirmed breeding pond within 600m of borehole 9, and the habitat in this area is fairly contiguous. In order to minimize the risk for potential impacts to the species, MNRF recommends the following two options for your consideration:

1. Avoid borehole work at this location during the active season for the species (April-Nov); or
2. Shift the location to the southeast (approx. 40m or greater) to the open lawn area. In MNRF's opinion, this would be a lower risk location. If it is a possibility to shift the location of Borehole 9, we recommend the same approach as indicated above (i.e., awareness training for workings & a qualified individual on site) if working during the active season for the species. We note that the adjacent boreholes in the vicinity do not appear to be equidistant, so perhaps there is an opportunity here for a modification in location.

**Borehole 9 was moved to the open lawn area. Awareness training for workers & a qualified individual will be on site.**



I hope this information is helpful. Let me know if you have any questions or concerns.

Anne Marie

---

**Anne Marie Laurence**  
Management Biologist  
Ministry of Natural Resources & Forestry  
Guelph District  
(519) 826-4132

---

**From:** Matthew Scoular [<mailto:Matthew.Scoular@erm.com>]  
**Sent:** August-07-18 9:43 AM  
**To:** McKenna, Tara (MNRF); Laurence, Anne Marie (MNRF)  
**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

Hi Tara,

Yes, that works. Thanks,

Best,

Matt Scoular

**ERM**  
**M** +1 416 567 7126

---

**From:** McKenna, Tara (MNRF) <[Tara.McKenna@ontario.ca](mailto:Tara.McKenna@ontario.ca)>  
**Sent:** Thursday, August 02, 2018 2:32 PM  
**To:** Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>  
**Cc:** Laurence, Anne Marie (MNRF) <[annemarie.laurence@ontario.ca](mailto:annemarie.laurence@ontario.ca)>  
**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

Hi Matt,

Anne Marie can respond to your inquiry below upon her return next week, as she has been working on this file.

Does this approach work for you?

EXHIBIT H  
Record of Consultation - Supporting Documents

Filed: 2019-02-22  
EB-2019-0007  
Tab 1, Schedule 4  
Page 54 of 128

Thanks,  
Tara

---

**From:** Matthew Scoular [<mailto:Matthew.Scoular@erm.com>]  
**Sent:** August-02-18 2:20 PM  
**To:** McKenna, Tara (MNRF)  
**Cc:** Laurence, Anne Marie (MNRF); Buck, Graham (MNRF); Currie, April (MNRF); Sean Male; Malone, Jessie M ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)); Curtis Campbell; Shannon Catton; Mark Welsh  
**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation


Hi Tara,

Can you please confirm what you mean by "vernal pond" below? Our JESA-specific field surveys this year have focused on potential JESA habitat and not vernal pools within regulated habitat, therefore we do not have the location of breeding wetlands (vernal pools) within the regulated habitat and their proximity to proposed Borehole 9. If MNRF can provide spatial data for vernal pools within regulated habitat, we can plot it against our proposed borehole locations to confirm if we are within 300m of a breeding wetland.

Thank you and please let me know if you need to discuss over the phone.

Best,

Matt Scoular

**ERM**  
**M** +1 416 567 7126 

---

**From:** McKenna, Tara (MNRF) <[Tara.McKenna@ontario.ca](mailto:Tara.McKenna@ontario.ca)>  
**Sent:** Thursday, August 02, 2018 11:15 AM  
**To:** Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>  
**Cc:** Laurence, Anne Marie (MNRF) <[annemarie.laurence@ontario.ca](mailto:annemarie.laurence@ontario.ca)>; Buck, Graham (MNRF) <[Graham.Buck@ontario.ca](mailto:Graham.Buck@ontario.ca)>; Currie, April (MNRF) <[April.Currie@ontario.ca](mailto:April.Currie@ontario.ca)>  
**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation



Hi Matt,

In following up with your inquiry, MNRF staff has reviewed the bore hold locations and has the following comment for locations in Guelph District:

- No drilling within 300m of a Jefferson salamander pond, otherwise okay

Kind regards,  
Tara

**Tara McKenna, M.Pl.**  
District Planner

Ministry of Natural Resources and Forestry, Guelph District  
1 Stone Road West  
Guelph ON, N1G 4Y2  
(P) 519-826-4912   
(F) 519-826-4929   
email: [tara.mckenna@ontario.ca](mailto:tara.mckenna@ontario.ca)

---


**From:** Matthew Scoular [<mailto:Matthew.Scoular@erm.com>]  
**Sent:** July-31-18 2:05 PM  
**To:** [Imperial-isometrix@national.ca](mailto:Imperial-isometrix@national.ca)  
**Cc:** Malone, Jessie M ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)); Mark Welsh; Curtis Campbell; Watson, James ([James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)); [Imperial-isometrix@national.ca](mailto:Imperial-isometrix@national.ca)  
**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

All,

As promised, our Environmental Protection Plan for the Geotechnical investigation is also attached for your records.

Best,

Matt Scoular

**ERM**  
**M** +1 416 567 7126 

---

**From:** Matthew Scoular  
**Sent:** Tuesday, July 17, 2018 2:55 PM  
**To:** [Imperial-isometrix@national.ca](mailto:Imperial-isometrix@national.ca)  
**Cc:** Malone, Jessie M ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)) <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>; Mark Welsh <[Mark.Welsh@erm.com](mailto:Mark.Welsh@erm.com)>; Curtis Campbell ([Curtis.Campbell@erm.com](mailto:Curtis.Campbell@erm.com)) <[Curtis.Campbell@erm.com](mailto:Curtis.Campbell@erm.com)>; Watson, James ([James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)) <[James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)>  
**Subject:** Imperial Waterdown to Finch Project - Geotechnical Investigation  
**Importance:** High

Hi all,

## EXHIBIT H

Record of Consultation - Supporting Documents

Filed: 2019-02-22

EB-2019-0007

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Imperial's Waterdown to Finch Project Geotechnical Investigation borehole locations and access plans are attached for your review. The investigation is planned to start the end of July/early August 2018 and take approximately three months to complete. We will send our Environmental Protection Plan for the investigation shortly.

Please let me know if you need to discuss anything.

Best Regards,

Matt Scoular, M.E.S., MCIP, RPP  
Project Manager / Senior Consultant

**ERM**

120 Adelaide Street West | 20<sup>th</sup> Floor | Suite 2020  
Toronto, ON | Canada | M5H 1T1

T +1 416 646 3608 | M +1 416 567 7126

E [matthew.scoular@erm.com](mailto:matthew.scoular@erm.com) | W [www.erm.com](http://www.erm.com)



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July 25, 2018

CFN 59834

**BY E-MAIL ONLY** ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca))

Jessie Malone  
Environment and Regulatory Lead  
Imperial Oil Limited  
505 Quarry Park Boulevard SE  
Calgary, AB T2C 5N1

Dear Ms. Malone:

**Re: Response to Notice of Commencement, Introductory Meeting & Community Information Session  
Imperial Oil Limited – Waterdown to Finch Pipeline Replacement  
Ontario Energy Board – Environmental Report and Leave to Construct Application  
Etobicoke-Mimico Creek and Humber River Watersheds; City of Mississauga, Regional  
Municipality of Peel; Etobicoke York and North York Community Council Areas, City of Toronto**

Toronto and Region Conservation Authority (TRCA) staff received notification of the above noted project on May 22, 2018. In addition, a project introductory meeting was held between TRCA, Imperial Oil Limited (Imperial) and consultant staff on June 14, 2018, and a notice of a Community Information Session was received on June 29, 2018. As a government agency with jurisdiction in the study area of the above named project, TRCA has interests in this project.

### **PROJECT OVERVIEW**

It is our understanding that this undertaking involves the replacement of approximately 63 km of the existing Sarnia Products Pipeline (SPPL) from the Waterdown pump station in Hamilton, to a terminal storage facility in Toronto. It is understood that this segment of the existing pipeline is reaching its end-of-life, and that Imperial is proactively replacing this pipeline to continue safe and reliable delivery of refined fuel product to service the movement of people, goods and services throughout the region, including the Toronto Pearson International Airport. It is further understood that the existing pipeline will continue to operate until the new pipeline has been installed, at which point the transmission of fuel will be transferred from the existing to the new pipeline. The existing pipeline will then be deactivated, removed from service, cleaned and left in place.

It is understood that most of the pipeline replacement work will take place in close vicinity to the existing pipeline through an existing utility corridor via both open cut trench and trenchless technology methods. In addition to areas regulated by TRCA, the proposed pipeline will also run through the jurisdictions of Hamilton Conservation Authority (HCA), Conservation Halton (CH) and Credit Valley Conservation (CVC).

### **TRCA AREAS OF INTEREST**

As detailed in TRCA's 2014 [The Living City Policies](#) (LCP), TRCA has a number of commenting roles relative to our review of this environmental assessment, including:

1. Regulatory Authority
2. Delegated Provincial Interests
3. Public Commenting Body
4. Resources Management Agency

5. Land Owner
6. Service Provider

These are further detailed in **Appendix A: TRCA Commenting Roles**.

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 in the selection of the preferred alternative. TRCA staff has arranged for the areas of interest not available on the web to be sent to the project team under separate cover, which will follow shortly. Please note that TRCA charges an administration fee for the compilation of additional data layers related to the project area that is not available on the web. TRCA GIS staff will advise you of any required fees before the transfer of data.

## **MAJOR CONCERNS AND REQUIREMENTS RELATED TO PIPELINE PROJECTS**

A project introductory meeting was held on June 14, 2018 between TRCA, Imperial and consultant staff. During the meeting, TRCA staff outlined some major concerns and requirements that applied specifically to the proposed pipeline project. As discussed, staff will be providing the TRCA Authority Board with an update on the proposed pipeline project, which will include major concerns as it relates to TRCA areas of interest.

Some of these major concerns and requirements include, but are not limited to:

1. TRCA lands about a section of the existing utility corridor on both sides within the City of Toronto. It is our understanding that the proposed pipeline will be located entirely within the existing utility corridor, and will not require any property or permanent easement on TRCA lands. However, if TRCA lands cannot be avoided, please note that the need for property or permanent easement will require TRCA Authority Board approval. Furthermore, it is TRCA staff preference that all access, staging and storage associated with the pipeline installation be located off TRCA lands. However, if access, staging and storage on TRCA lands cannot be avoided, please contact TRCA staff for temporary easement requirements. Please also note that compensation and mitigation requirements will need to be agreed upon prior to any TRCA property or access agreements, including for both permanent and temporary easements. Please see the Land Owner section in Appendix A for further information regarding TRCA property requirements. The TRCA property mapping layer is also available through an [open data platform on the TRCA website](#).
2. Identification and characterization of TRCA areas of interest and baseline conditions as identified in the above section, including all watercourse, wetland, and natural feature and hazard crossings.
3. Identification of the installation method and depth of cover for each of the above identified crossings. Please note that the environmental impact related to a spill will be significantly reduced with a deeper installation depth. Please indicate if the pipeline will be installed via trenchless technology at all watercourse crossings. In particular, a portion of the pipeline installation will traverse through an environmentally sensitive area that will require multiple watercourse and wetland crossings through Berry Creek, West Humber River, Main Humber River, Emery Creek and Black Creek, in the City of Toronto. Our staff has identified this area as a technically challenging area for pipeline installation due to the multiple crossings, topography and environmentally sensitive features.
4. Horizontal and vertical alignment of proposed pipeline that avoids hazards related to channel and slope erosion to minimize risk of exposure. This will require technical studies, including a fluvial geomorphic assessment with particular attention paid to down-cutting of the channel beds as well as bank erosion

- rates, and a long-term slope stability assessment, to ensure the pipe is located with an appropriate depth of cover away from watercourse beds and valley slopes in order to minimize future risk of exposure.
5. Construction impacts to sensitive watercourses and natural areas should be avoided to the extent possible by employing trenchless installation technologies, locating shaft and pit locations well above top of bank, limiting temporary workspace around watercourses and natural areas, consideration of access early in the design process to reduce impacts, among others.
  6. Compensation and restoration plan in accordance with the final [TRCA Guideline for Determining Ecosystem Compensation](#), which was approved at the last TRCA Authority Meeting (#5/18) held on June 22, 2018. Compensation and restoration opportunities may also be sought with the TRCA Restoration Projects group. Please contact the undersigned for further information.
  7. Development of a watershed-based spills response plan that articulates the impact of a refined fuel product spill on the environment and watercourses, scenario modelling of spill plume under a variety of hydraulic conditions, identification of storm sewers that have direct connections to watercourses and valleys, identification of emergency access points for spill cleanup, identification of storage and staging areas for spill cleanup, timely notification of emergency response and regulatory agencies, timely containment of spills, methods of identifying ecological impacts and restoration strategies, among others. Please refer to [TRCA Technical Guidelines for Development of Environmental Management Plans for Underground Infrastructure](#) (July 2013) for further information. Our staff understands that there is already a plan in place for the existing pipeline that may require updates, and acknowledges that the risk of a spill is significantly reduced with a new pipeline.
  8. Location of an Emergency Spills Response Team within the Greater Toronto Area that is equipped to deal with a fuel spill in Lake Ontario.
  9. Emergency response exercises that include lake-based and wet and severe weather scenarios.
  10. Appropriate location of automated shut off valves.
  11. Ongoing geohazard risk assessment and monitoring program of both the existing and new pipeline to enable early detection of slope and channel erosion hazards to prevent and remediate future pipeline exposures.

## **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 note that this appendix is based on the Municipal Class EA process, and should be adjusted to meet the requirements of the OEB process. Please contact the planner to discuss the appropriate time for a site visit, and ensure that the TRCA planner is included in the technical advisory committee. Please also add TRCA's Watershed Specialists, Vince D'Elia for Etobicoke and Mimico Creek Watersheds ([vdelia@trca.on.ca](mailto:vdelia@trca.on.ca)) and Ryan Ness for Humber River Watershed ([rness@trca.on.ca](mailto:rness@trca.on.ca)), to the project mailing list to receive any public information updates. Please also note that TRCA is committed to working closely with our partner conservation authorities on this project, and have copied them on the response to this letter.

## **COMMUNITY INFORMATION SESSION**

TRCA staff received notice of the upcoming Community Information Session scheduled for Wednesday, July 18, 2018. While staff will not be attending the meeting, please forward one copy of any handouts or display materials from this meeting for our files.

## **SUBMISSION REQUIREMENTS**

As this project proceeds through the various stages of the Ontario Energy Board review process, please ensure the following is provided to TRCA for review and comment at the appropriate time:

### **Paper Copies**

1. One 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 copy of draft evaluation criteria and matrices, including a summary that details how the criteria and weighting (if applicable) were established
3. One copy of the draft Environmental Report, including a covering letter that outlines how previous TRCA comments have been addressed
4. One copy of the Final Environmental Report, including a covering letter that outlines how previous TRCA comments have been addressed

### **Digital Submissions**

1. All meeting agendas, as well as draft and final meeting minutes
2. Draft community information session boards, prior to public review
3. Notices of community information sessions, including final display material and handouts
4. Draft technical reports and associated materials, including a covering letter that outlines the project purpose and lists the reports enclosed for review
5. Draft evaluation criteria and matrices, including a summary that details how the criteria and weighting (if applicable) were established
6. Draft Environmental Report, including a covering letter that outlines how previous TRCA comments have been addressed
7. Final Environmental Report, including a covering letter that outlines how previous TRCA comments have been addressed

Ensure all materials are submitted in PDF format, with drawings pre-scaled to print on 11"x17" pages. Materials submitted through e-mail must be less than 2.5 MB. Materials submitted through a file transfer protocol (FTP) site must be posted a minimum of two weeks.

## **REVIEW FEES**

Please be advised that this application is subject to a **\$24,120.00** review fee as per our 2018 [Fee Schedule](#). Please note:

1. **To ensure accurate processing of your fee, please ensure your accounting department references CFN 59834 when making any payments.**
2. Payment method and timing must be noted in your covering letter response.
3. Additional fees are applied as per the fee schedule for reviews beyond three (3) submissions, including the final.
4. Payments can be made by:
  - a. Cheque: please attach the cheque to your resubmission. Alternatively, if sending separately through your accounting department, please request your accounting department submit the cheque to the attention of Rina Bhagat - Administrative Assistant, Environmental Assessment Planning, TRCA.
  - b. Credit Card: please contact Rina Bhagat at extension 5681 for payments made over the phone.
  - c. Electronic Fund Transfer: this option may be available through your accounting department.

Should you have any questions, please contact me at extension 5266 or at [alister@trca.on.ca](mailto:alister@trca.on.ca).

Yours truly,



Annette Lister  
Planner, Environmental Assessment Planning  
Planning and Development

Attached: Appendix A: TRCA Commenting Roles  
Appendix B: TRCA Areas of Interest  
Appendix C: Recommended TRCA Contact Points

**BY E-MAIL**

cc:

Imperial: Elias Majdalani, Project Manager ([elias.majdalani@exxonmobil.com](mailto:elias.majdalani@exxonmobil.com))  
Ron Tourigny, Right of Way and Claims Coordinator ([questions@imperialon.ca](mailto:questions@imperialon.ca))  
ERM: Matt Scoular, Senior Consultant/ Project Manager ([matthew.scoular@erm.com](mailto:matthew.scoular@erm.com))  
City of Toronto: Bill Snodgrass, Senior Engineer ([bill.snodgrass@toronto.ca](mailto:bill.snodgrass@toronto.ca))  
HCA: Darren Kenny, Watershed Officer ([darren.kenny@conservationhamilton.ca](mailto:darren.kenny@conservationhamilton.ca))  
CH: Ben Davis, Regulations Officer ([bdavis@hrca.on.ca](mailto:bdavis@hrca.on.ca))  
CVC: Liam Marray, Manager Planning Ecology ([lmarray@creditvalleyca.ca](mailto:lmarray@creditvalleyca.ca))  
Jakub Kilis, Senior Planner, Environmental Assessment ([jkilis@creditvalleyca.ca](mailto:jkilis@creditvalleyca.ca))  
TRCA: John MacKenzie, Chief Executive Officer  
Beth Williston, Associate Director, Environmental Assessment Planning  
Sharon Lingertat, Senior Planner, Environmental Assessment Planning  
Renee Afoom-Boateng, Senior Planner, Environmental Assessment Planning  
David Burnett, Senior Manager, Provincial and Regional Policy  
George Leja, Senior Property Agent, Property Services  
Vince D'Elia, Project Manager, Etobicoke-Mimico Creek  
Ryan Ness, Watershed Specialist, Humber River  
John Stille, Project Manager, Restoration Projects  
Alistair Jolly, Archaeologist  
Alyssa Roth, Coordinator, Source Water Protection

## APPENDIX A: TRCA COMMENTING ROLES

TRCA COMMENTING ROLES	
Public Commenting Body	
<b>Planning Act</b>	Pursuant to the <b>Planning Act</b> , conservation authorities are a “public commenting body”, and therefore must be notified of municipal policy documents and planning and development applications under the Planning Act. TRCA comments according to its Board-approved policies as a local resource management agency to the municipality planning approval authority on these documents and applications.
<b>Environmental Assessment Act</b>	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	
<b>Hazard Lands</b>	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	
<b>Ontario Regulation 166/06, Development, Interference with Wetlands and Alterations to Shorelines and Watercourses</b>	<p>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).</p> <p>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.</p> <p>Any development within the Regulation Limit must comply with the applicable sections of The Living City Policies (2014).</p>
Resources Management Agency	
<b>TRCA Programs</b>	<p>In accordance with Section 20 and 21 of the <b>Conservation Authorities Act</b>, 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 <b>The Living City Policy</b> (2014), which are approved by the TRCA Board.</p> <p>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.</p>
Land Owner	
<b>TRCA Property</b>	TRCA is a major landowner in the GTA, owning close to 18,000 hectares of land. TRCA comments provided as a landowner are separate from comments provided under a technical, advisory or regulatory role.

	TRCA property mapping layer is available for download through an <a href="#">open data platform on the TRCA website</a> .
<b>Acquisition and Easement</b>	<p>If TRCA property land transfer or easement is required for the implementation of the preferred alternative, permission and approval from the TRCA board is required and approval of the Minister of Natural Resources and Forestry may be required. The design must demonstrate that TRCA program and policy objectives are met. Formal approval typically takes 12 to 18 months from the completion of the EA document.</p> <p>Please contact George Leja, Property Agent at <a href="mailto:gleja@trca.on.ca">gleja@trca.on.ca</a> for additional information.</p>
<b>Permission to Enter</b>	<p>If TRCA property access is required for the purpose of completing technical studies associated with this project, a Permission To Enter (PTE) must be obtained from TRCA Property staff prior to entry.</p> <p>Please contact George Leja, Property Agent at <a href="mailto:gleja@trca.on.ca">gleja@trca.on.ca</a> for additional information.</p>
<b>Archaeological Resources</b>	<p>An archaeological review by TRCA's archaeological staff must precede any disturbance to TRCA property. If an archaeological assessment is required, scheduling will be subject to weather, seasonal programs and other field work and are at additional cost to the proponent.</p> <p>Please contact Alistair Jolly, Archaeologist at <a href="mailto:ajolly@trca.on.ca">ajolly@trca.on.ca</a> for additional information.</p>
<b>Service Provider</b>	
<b>Service Agreements and Memorandum of Understandings</b>	<p><b>Service Level Agreements:</b> 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.</p> <p><b>Memorandum of Understandings:</b> 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.</p>
<b>Restoration Opportunities</b>	<p>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.</p> <p>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.</p>
<b>Community and Public Realm Benefits</b>	<p>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.</p> <p>As part of the <a href="#">TRCA Strategic Plan</a>, 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, <a href="#">Sustainable Neighbourhood Retrofit Action Plans</a>, <a href="#">TRCA Conservation Land Care Program</a>, <a href="#">TRCA Trails Program</a>, <a href="#">TRCA Community Transformation Program</a> and <a href="#">Partners in Project Green</a>.</p> <p>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.</p>

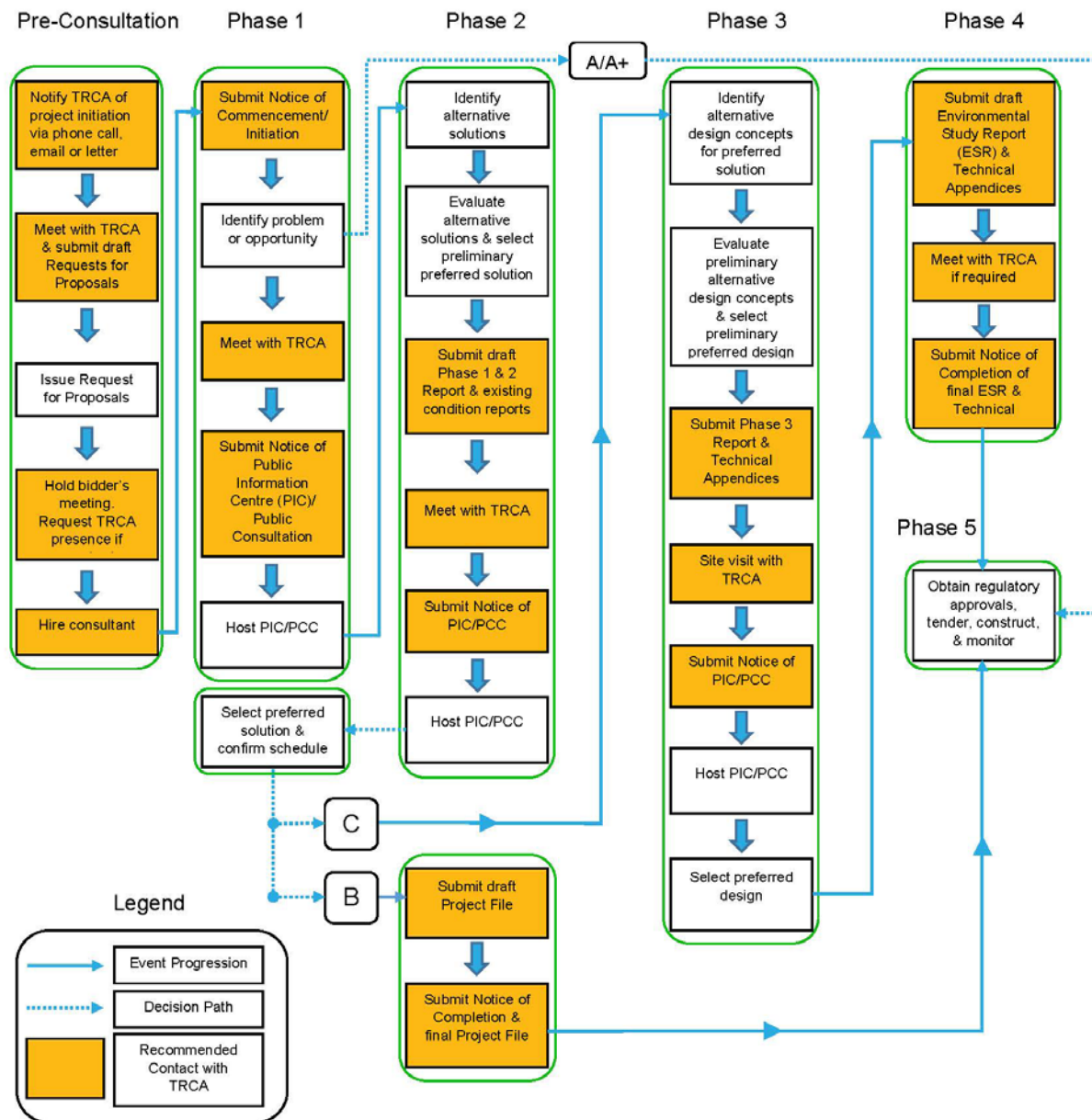
## **APPENDIX B: TRCA AREAS OF INTEREST**

<b>TRCA PROGRAM AND POLICY AREAS</b>	
<i>Note: Additional program and policy information may be available at <a href="http://www.trca.on.ca">www.trca.on.ca</a>, or by request.</i>	
<b>Natural System Programs and Policies</b>	
<b>Systems Approach</b>	<p>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.</p> <p>TRCA may require an assessment of the existing systems, together with an evaluation as to how the proposal may impact the systems.</p>
<b>Aquatic Systems, Species and Habitat</b>	<p>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.</p> <p>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.</p>
<b>Terrestrial System, Species and Habitat</b>	<p>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.</p> <p>TRCA has identified the need to improve both the quality and quantity of terrestrial habitat. TRCA's <b>Terrestrial Natural Heritage System Strategy</b> 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.</p> <p>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.</p>
<b>Groundwater Systems</b>	
<b>Aquifers and Hydrogeological Features and Functions</b>	<p>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.</p> <p>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.</p>

<b>Surface Water Systems</b>	
<b>Watercourses</b>	<p>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.</p> <p>TRCA may require an environmental study or site confirmation of watercourse locations.</p>
<b>Meander Belt</b>	<p>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.</p> <p>TRCA may require a meander belt delineation study or fluvial geomorphology analysis to confirm that any development does not conflict with natural channel processes.</p>
<b>Regulatory Flood Plain</b>	<p>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.</p> <p>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.</p>
<b>Wetlands</b>	<p>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.</p> <p>All wetlands are regulated under Ontario Regulation 166/06. TRCA may require an environmental study or site confirmation of wetland locations.</p>
<b>Valley Slopes</b>	
<b>Crest of Slope</b>	<p>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.</p> <p>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.</p>
<b>Sustainability Programs and Policies</b>	
<b>Archaeological and Heritage Resources</b>	<p>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.</p>
<b>PROVINCIAL PROGRAM AREAS</b>	
<b>Greenbelt Plan</b>	<p>The Greenbelt consists of more than 809,000 hectares of environmentally sensitive land, urban river valleys and agricultural land in the Golden Horseshoe. The <b>Greenbelt Plan</b> 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.</p> <p>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 <b>Greenbelt Plan</b>.</p>

<b>Clean Water Act and Credit Valley - Toronto &amp; Region - Central Lake Ontario (CTC) Source Protection Plan</b>	<p>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 <b>Intake Protection Zone (IPZ)</b> and <b>Highly Vulnerable Aquifers (HVA)</b> vulnerable areas under the <b>Credit Valley - Toronto and Region - Central Lake Ontario Source Protection Plan (CTC SPP)</b>. For further information and the CTC Source Protection Plan, please refer to <a href="http://www.ctcswp.ca">www.ctcswp.ca</a>.</p> <p>Please confirm that the preferred alternative design for this project conforms with the <b>CTC SPP</b>.</p>
<p>Please contact the Ministry of Natural Resources and Forestry to confirm if there are program interests related to this project for:</p> <ul style="list-style-type: none"> <li>• <b>Areas of Natural and Scientific Interest (ANSI)</b></li> <li>• <b>Provincially Significant Wetlands (PSW)</b></li> <li>• <b>Provincially Endangered Species under the Species at Risk Act (SARA)</b></li> </ul> <p>Please be advised that this list is not inclusive and the onus is on the proponent and its consultants to consult with other provincial agencies, as required, to ensure that requirements of their respective legislation is met.</p>	
<b>FEDERAL PROGRAM AREAS</b>	
<p>Please contact the relevant federal agency to confirm if there are issues related to:</p> <ul style="list-style-type: none"> <li>• Asian Long-horned Beetle Regulated Area</li> <li>• Federally Endangered Species under the <b>Endangered Species Act (ESA)</b></li> <li>• The <b>Fisheries Act</b></li> </ul> <p>Please be advised that this list is not inclusive and the onus is on the proponent and its consultants to consult with other provincial agencies, as required, to ensure that requirements of their respective legislation is met.</p>	

## APPENDIX C: RECOMMENDED TRCA CONTACT POINTS IN THE MCEA PROCESS



## NIAGARA ESCARPMENT DEVELOPMENT PERMIT APPLICATION

(Revised April 17, 2014)

THE NIAGARA ESCARPMENT PLANNING AND DEVELOPMENT ACT, RSO, 1990, AS AMENDED

NIAGARA ESCARPMENT COMMISSION  
232 Guelph Street, 3<sup>rd</sup> Floor  
Georgetown, ON L7G 4B1

Phone: 905-877-5191  
Fax: 905-873-7452  
Website: [www.escarpment.org](http://www.escarpment.org)  
Email: [necgeorgetown@ontario.ca](mailto:necgeorgetown@ontario.ca)

*Serving the areas of:*

Dufferin County  
Region of Halton  
Region of Peel  
Region of Niagara  
City of Hamilton

NIAGARA ESCARPMENT COMMISSION  
Box 308, 99 King Street East  
Thornbury, ON N0H 2P0

Phone: 519-599-3340  
Fax: 519-599-6326  
Website: [www.escarpment.org](http://www.escarpment.org)  
Email: [necthornbury@ontario.ca](mailto:necthornbury@ontario.ca)

*Serving the areas of:*

Bruce County  
Grey County  
Simcoe County

- Please ensure that the information you provide in this application is complete and accurate.
- Incomplete or inaccurate information will delay the processing of your application.
- Please contact your local Commission office if you have any questions about your proposal or this application.

### 1. APPLICANT

Name: Jessie Malone

Mailing Address: 505 Quarry Park Blvd SE Calgary AB T2C 5N1  
Street/P.O. Box City/Town Province Postal Code

Phone: 589-476-4799 Fax: \_\_\_\_\_ E-mail: jessie.m.malone@esso.ca

### 2. AGENT (if any) **Note:** All correspondence will be **sent to the Agent** where an Agent is designated.

Name: Matthew Scoular

Mailing Address: 2020 - 120 Adelaide Street West Toronto Ontario M5H 1T1  
Street/P.O. Box City/Town Province Postal Code

Phone: 416-567-7126 Fax: \_\_\_\_\_ E-mail: matthew.scoular@erm.com

### 3. OWNER (if different from applicant)

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
Street/P.O. Box City/Town Province Postal Code

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

### 4. CONTRACTOR (if applicable)

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
Street/P.O. Box City/Town Province Postal Code

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

## 5. PROPERTY LOCATION

~~Record of Consultation - Supporting Documents~~

County/Region \_\_\_\_\_ Municipality \_\_\_\_\_ (former) Municipality \_\_\_\_\_  
Lot \_\_\_\_\_ Concession \_\_\_\_\_ and/or Lot \_\_\_\_\_ Plan \_\_\_\_\_  
Civic Address # \_\_\_\_\_ Street Address \_\_\_\_\_  
(Fire/Emergency #)

## 6. LOT INFORMATION

Lot Size \_\_\_\_\_ Frontage \_\_\_\_\_ Depth \_\_\_\_\_

## 7. SERVICING

<b>Existing Road Frontage:</b>	<input type="checkbox"/> Municipal	<input type="checkbox"/> Private	<input type="checkbox"/> Right-of-Way	<input type="checkbox"/> Year-round
Proposed Road Frontage:	<input type="checkbox"/> Municipal	<input type="checkbox"/> Private	<input type="checkbox"/> Right-of-Way	<input type="checkbox"/> Year-round
<b>Existing Water Supply:</b>	<input type="checkbox"/> Municipal	<input type="checkbox"/> Communal	<input type="checkbox"/> Private Well	<input type="checkbox"/> Other: _____
Proposed Water Supply:	<input type="checkbox"/> Municipal	<input type="checkbox"/> Communal	<input type="checkbox"/> Private Well	<input type="checkbox"/> Other: _____
<b>Existing Sewage System:</b>	<input type="checkbox"/> Municipal	<input type="checkbox"/> Communal	<input type="checkbox"/> Private Septic	<input type="checkbox"/> Other: _____
Proposed Sewage System:	<input type="checkbox"/> Municipal	<input type="checkbox"/> Communal	<input type="checkbox"/> Private Septic	<input type="checkbox"/> Other: _____

## 8. EXISTING and PROPOSED DEVELOPMENT

Note: "Development" includes the construction of buildings and structures, alterations to the landscape, (e.g. placing fill, drainage alterations, pond construction or alteration), any change of use or new use (e.g. residential to commercial, new home business, etc). If additional space is required please include a separate attachment.

**Existing Development:** (describe)



Residential \_\_\_\_\_  
Recreational \_\_\_\_\_  
Agricultural \_\_\_\_\_  
Commercial \_\_\_\_\_  
Other \_\_\_\_\_  
(e.g., industrial, institutional)

**Proposed Development:** (describe)



Geotechnical investigation involving up to 9 boreholes and associated access routes within NEP area.

## 9. EASEMENTS, COVENANTS, AGREEMENTS

Describe the type and terms of any easements, right-of-ways, covenants, agreements or other restrictions registered on or affecting the title of the property and/or attach a copy:

Boreholes will be sited within existing Imperial easement (Sarnia Product Pipeline).

## 10. DATE OF PURCHASE

Date the property was purchased by the current owner: 1951-1952

Date the property will be purchased by the applicant (if purchasing from current owner): \_\_\_\_\_

**Note regarding Sections 11, 12, 13, 14, 15, 16:**

Depending on the type or nature of the proposed development and/or the characteristics of the property, supporting information such as Environmental Impact Studies, Landscape Plans, Lighting Plans, Visual Assessments, Grading Plans, Erosion Control Plans, Slope Stability Studies, etc., may be required in support of the following information.

**11. CONSTRUCTION DETAILS**

**PLEASE NOTE**

**Ground Floor Area** is the total exterior measurements of any building, including attached garages and enclosed decks (as applicable).

**Total Floor Area** (i.e., total mass) is based on the exterior measurements of the building and includes the total of the ground floor area (including attached garages, etc), plus walkout basements, plus full or half second stories, etc.

**Maximum Height** is measured from the lowest grade (e.g., walkout side), to the peak of the roof.

	Ground Floor Area (Exterior measurements)	Total Floor Area	# of Storeys	Maximum Height (to peak)	Use of structure
Dwelling	_____	_____	_____	_____	_____
Dwelling Addition	_____	_____	_____	_____	_____
Accessory Building 1	_____	_____	_____	_____	_____
Accessory Building 2	_____	_____	_____	_____	_____
Accessory Building Addition	_____	_____	_____	_____	_____
Other Building	_____	_____	_____	_____	_____
Demolition (specify what structure)	_____	_____	_____	_____	_____

\*If fill is required for any of the developments proposed above please provide details in Section 12 below.

**12. ACCESSORY FACILITIES, STRUCTURES, FILLING, GRADING, etc.**

(e.g: Driveways, Decks, Gazebos, Swimming Pools, Tennis Courts, Lighting, Signs, Wind Turbines, free-standing Solar Panels, Hydro Poles/Lines, Retaining Walls, Placement of Fill, Grading, Berms, Parking Areas, Tree/Site Clearing, etc.) (See next page for **Ponds**)

**Describe and provide information** such as: dimensions, size, height, amount of fill etc.

No fill, grading, or vegetation removal required.

**13. HOME BUSINESS, CHANGE OF USE, NEW USE**

(e.g: Establishing a **Home Business, Home Occupation, Home Industry** or **Bed and Breakfast** business.  
Converting or changing the use, or establishing a new use on a property or within any dwelling building or structure on a property.)

**Describe** the proposed business or new use and **provide information** such as:

Type of business or use, size or area of building &/or land to be occupied or altered by the use, construction or alteration details, number of employees, access, parking, storage details, sales, hours of operation, signage, etc.

**Note:** A separate, detailed, business overview or plan should be provided.

No change in land use.

#### 14. PONDS – New pond / Existing pond work – dredging, maintenance, repair, etc.)

Record of Consultation – Supporting Documents

The following information is the minimum information that is required for pond construction or alteration/maintenance. Generally, a hydrology/hydrogeology report and/or an environmental impact assessment is also required.

Pond is: ☐ Proposed ☐ Existing

Type of Pond: ☐ Dug ☐ Spring-fed ☐ Other (e.g., on-stream, by-pass) \_\_\_\_\_

Use of Pond: ☐ Recreation ☐ Livestock/farm ☐ Irrigation ☐ Other \_\_\_\_\_

Water Source: ☐ Precipitation/run-off ☐ Springs ☐ Well ☐ Other \_\_\_\_\_

Size of Pond: Water Area \_\_\_\_\_ Depth of Water \_\_\_\_\_

Height of Banks \_\_\_\_\_ Width of Banks \_\_\_\_\_

Setbacks: Distance to nearest watercourse, wetland and/or roadside ditch: \_\_\_\_\_

Distance to nearest existing or proposed septic system: \_\_\_\_\_

Construction Details/Inflow/Outflow Details, Emergency Outflow/Spillway Details: \_\_\_\_\_  
(describe type of construction, water supply, receiving area or watercourse, etc.)

Erosion/sediment control measures: \_\_\_\_\_

Placement of excavated material: \_\_\_\_\_

Finish grading and landscaping: \_\_\_\_\_

#### 15. AGRICULTURAL DEVELOPMENT

If your proposal involves agricultural land or uses, indicate and briefly describe here; and complete other sections of this application form as applicable. Note: Additional detailed information may be required.

☐ Small Scale Commercial Use Accessory to Agriculture: \_\_\_\_\_

☐ Mobile Dwelling Accessory to Agriculture: \_\_\_\_\_

☐ Dwelling in Agricultural Area (near barns – MDS I): \_\_\_\_\_

☐ Livestock Facility (MDS II): \_\_\_\_\_

☐ Equestrian Facility (e.g, arenas, riding rings, events): \_\_\_\_\_

☐ Farm Pond: \_\_\_\_\_

☐ Winery: \_\_\_\_\_

☐ Winery Event: \_\_\_\_\_

☐ Farm Vacation Home: \_\_\_\_\_

☐ 'Agricultural Purposes Only' (APO) Lot Creation: \_\_\_\_\_

#### 16. LOT CREATION

If this application involves the creation / severance of a new lot, please provide the following information:

i) Existing Lot:	ii) Proposed Lot:	iii) Retained Lot:	iv) Use of new Lot
Frontage _____	Frontage _____	Frontage _____	<input type="checkbox"/> Residential
Depth _____	Depth _____	Depth _____	<input type="checkbox"/> Agricultural/APO
Size _____	Size _____	Size _____	<input type="checkbox"/> Conservation
			<input type="checkbox"/> Lot Addition
			<input type="checkbox"/> Commercial
			<input type="checkbox"/> Industrial

#### 17. OTHER INFORMATION

Additional information to clarify your proposal may be submitted here or on a separate attachment: \_\_\_\_\_

## 18. SITE PLAN

EXHIBIT H

Record of Consultation - Supporting Documents

Filed: 2019-02-22

EB-2019-0007

Tab 1, Schedule 4

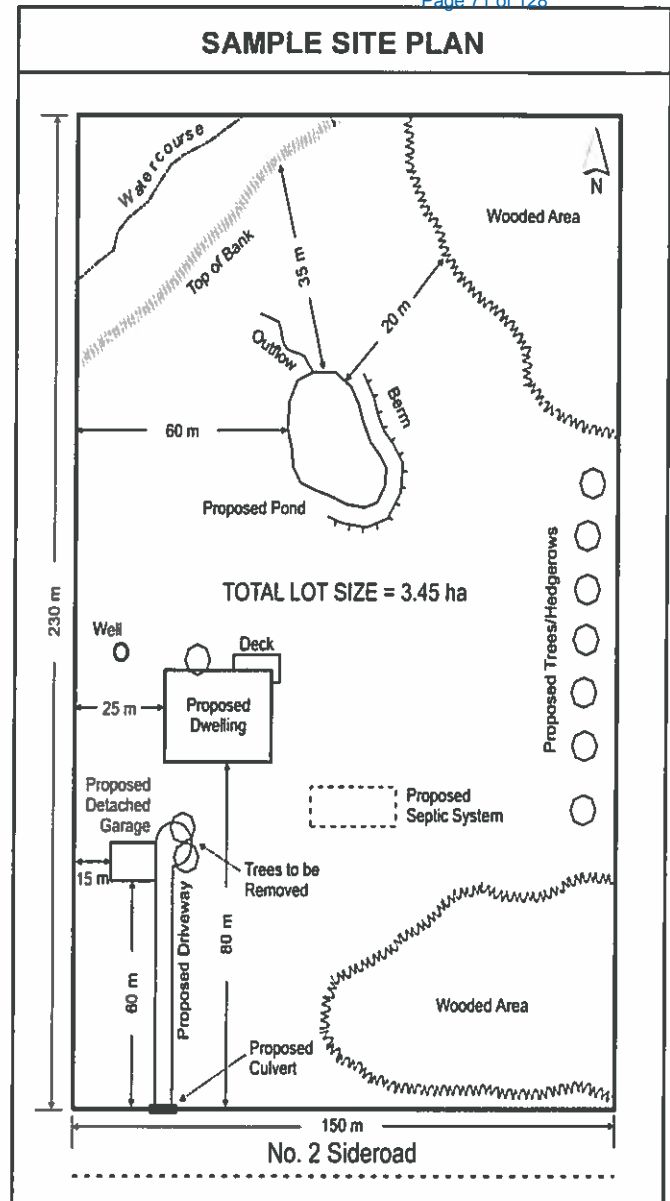
Page 71 of 128

An accurate Site Plan must be provided. The Site Plan may be drawn on the following page (Section 20); on an attached Survey; or based on an on-line aerial photography mapping.

Please refer to the **SAMPLE SITE PLAN** opposite.

Your **SITE PLAN** must show the following information:

- Location of all proposed and existing development including:
  - existing and proposed main buildings, accessory buildings, facilities, structures;
  - driveway, septic system, well, hydro lines, parking areas;
  - proposed grading, cut and/or fill areas, berms, filling, retaining walls, culverts, etc.
- Measurements showing distance from the proposed development to:
  - front, side and rear lot lines;
  - streams, wetlands, ponds, woods, fence lines, cliff edges, top of slope or bank, etc;
  - nearest barn.
- Lot frontage and depth measurements and total size.
- If your application involves severance of a proposed new lot, show the location, dimension and size of the proposed lot in relation to the existing lot.
- North arrow (North should be to the top of the page).



Personal information (i.e., name, address, phone, email) is being collected under the authority of the *Niagara Escarpment Planning and Development Act, RSO, 1990, as amended*, and will be used to process this application, which will include site visit notifications and in some cases appeals and hearings. Questions regarding the collection and use of this personal information should be directed to the Manager, Administration at the Georgetown Office phone, email and mailing address set out on the front page of this application form.

By signing this application form below, I consent to the collection of my personal information. **This application cannot be processed without the required signatures as set out below.**

## 19. SIGNATURES

**I CERTIFY THAT THIS STATEMENT IS TRUE AND CORRECT**

APPLICANT(S): Jessie Malone [Signature] DATE: July 30, 2018

OWNER(S): \_\_\_\_\_ DATE: \_\_\_\_\_  
(if different from applicant)

AGENT(S): \_\_\_\_\_ DATE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ DATE: \_\_\_\_\_

# Memorandum

**Date:** July 17, 2018

**To:** Jessie Malone, Imperial

**From:** Matt Scoular and Mark Welsh, ERM

**Cc:**

**Subject:** Waterdown to Finch Project – Geotechnical Investigations Environmental Protection Plan

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## 1. INTRODUCTION

The Sarnia Products Pipeline (SPPL) transports refined product (i.e., gasoline, diesel, and jet fuel) from Imperial's Sarnia Refinery and is critical infrastructure for the Greater Toronto and Hamilton Areas. Imperial Oil Ltd. (Imperial; the Proponent) is seeking to replace an approximately 63 km section of the SPPL to ensure continued reliable and safe pipeline operation. This replacement project is known as the Waterdown to Finch Project (the Project), and runs between Imperial's Waterdown Station (Waterdown, ON) and Finch Terminal (North York, ON).

To support Project planning and design, a geotechnical investigation must be undertaken to inform trenchless crossings of built infrastructure (roads, rail, etc.) and sensitive environmental (watercourses, wetlands) or cultural resources. In total, 140 geotechnical boreholes are planned. Borehole locations were chosen to limit environmental impact as much as practical. A combination of tired and track drill rig units will be used depending on borehole location. Generally, tired rigs will be used on built surfaces such as gravel or asphalt; whereas track rigs will be used on natural surfaces such as grass and agricultural areas. Hollow stem augers will be used, drilling to depths ranging from 10 and 85 mbgs (meters below ground surface). In addition, 39 temporary vibrating wire piezometers will be installed in select locations to monitor groundwater level.

Geotechnical boring is anticipated to begin mid-July 2018 and take up to five months to complete.

This document was created by ERM for the Project Geotechnical Program. In general, the EPP describes:

- Consultation and engagement and notifications planned or undertaken;
- The environmental requirements that the Geotechnical Contractor must work within;
- Assessment requirements to test compliance with EPP; and
- The environmental/cultural monitoring that will be completed.

The EPP is intended to clearly communicate expectations and lines of communication for the Project. Adherence to this plan will ensure that applicable environmental legislation, permits and

best management practices are appropriately implemented at the site, minimizing the potential for environmental effects during geotechnical borehole drilling.

## **2. ENGAGEMENT UNDERTAKEN**

Imperial has undertaken a targeted stakeholder engagement program for the geotechnical investigation. The following stakeholders were engaged:

- Mississauga's of the New Credit First Nation
- Six Nations of the Grand River
- Haudenosaunee Confederacy
- Huron-Wendat First Nation
- Conservation Authorities
- Ministry of Natural Resources and Forestry
- Ministry of Tourism, Culture, and Sport (MTCS)

This consultation and engagement was a component of the program to support the Ontario Energy Board's (OEB) leave to construct application.

## **3. NOTIFICATIONS TO REGULATORS**

Imperial will notify the Chair of the OEB Ontario Pipeline Coordinating Committee prior to the start of drilling associated with the geotechnical investigation. For geotechnical boreholes within the Niagara Escarpment Plan Area, the Niagara Escarpment Commission will also be notified.

## **4. ARCHAEOLOGICAL ASSESSMENT**

### **4.1 Stage 2 Archaeology Assessment**

The archaeological assessment in support of the geotechnical investigation will focus on a 15 x 15m drill rig "footprint", involve hand excavation of between one and four test pits at each proposed borehole location within areas identified as having archaeological potential. Test pits would be excavated to meet MTCS standards. The number and exact location of the test pits will be determined in the field by the Project Archaeologist. Given the time of year, it is anticipated that shovel test pits would be excavated at borehole locations within cultivated fields.

If cultural material of obvious or potential cultural heritage value or interest (CHVI) is identified at a specific borehole location, the Archaeologist will coordinate with the geotechnical engineer to select and test an alternate borehole location in the vicinity.

All test pits excavated as part of the geotechnical investigation will be recorded and plotted on Project mapping. The methods and results of the archaeological assessment for the geotechnical investigation will be included as part of the overall Stage 2 archaeological assessment report developed for the pipeline.

All employees and contractors involved in the investigation will be informed that heritage resources are protected by law, that any archaeological, historic, or human remains uncovered during any such activities must be reported, and that disturbance must cease until the remains are dealt with appropriately.

**Table 6.1-1. Stage 2 Archaeology Task and Frequencies**

Environmental Task or Assessment	Minimum Frequency of Monitoring and Reporting
Targeted Stage 2 Archaeology Assessment	As required ahead of mobilizing to bore location with archaeological potential

## 4.2 Archaeological Chance Finds during Drilling

The protocols to be followed in the event of a site discovery are:

- All activity near the remains will cease immediately and all remains will be left in place.
- The UPI Project Manager will be notified.
- The UPI Project Manager, or designate, will communicate details of the discovery, including photos, to the licensed archaeologist, who will:
  - assess the potential significance of the remains;
  - notify the MTCS if necessary; and
  - identify mitigation options, if required.
- If the significance of the remains is judged to be sufficient to warrant further action and they cannot be avoided, then the licensed archaeologist in consultation with the MTCS and representatives of local First Nations communities will determine the appropriate course of action.

## 5. ENVIRONMENTAL REQUIREMENTS

An EPP compliance program will be conducted during the geotechnical investigation. An Environmental Monitor will conduct periodic site inspections on drill rig crews to confirm that environmental commitments in this EPP are being met, and document any non-conformance. A summary of minimum monitoring frequencies for key activities is contained in Table 7.0-1.

**Table 7.0-1. Minimum Compliance Inspection Tasks and Frequencies**

Environmental Task or Assessment	Minimum Frequency of Monitoring and Reporting
Onsite Inspection	1-2 on-site inspections per drill rig over the course of the geotechnical drilling program

Construction Planning Meetings	Attend as required (chaired by UPI Project Manager)
Daily Journal	Daily, when on Site.
Environmental Incident Report	Each incident

## 5.1 Wildlife Management

To protect the nests of birds protected under either provincial or federal legislation, all participants in the geotechnical investigation will participate in a training session with respect to the identification of signs of nesting birds (such as alarm calling, flushing, etc.). Until August 31, the Project Ornithologist will conduct twice-weekly screenings of planned borehole locations for the upcoming week to look for evidence of breeding birds and conduct a thorough nest search. The purposes of the nest search will be to locate any nests/suspected nests, and demarcate any recommended setbacks. As a second check, the Contractor Site Supervisor, or designate, will be responsible to visit the proposed work area in advance of the arrival of equipment to look for evidence of bird nesting activity. Should evidence be detected, the Contractor Site Supervisor will contact the Project Ornithologist. If necessary, the Project Ornithologist will be mobilized to site and a second nest search of the work area and immediate surroundings will be conducted prior to the mobilization of any equipment. If at any time nests or evidence of breeding is observed in suitable habitat, the Project Ornithologist will work with the Contractor Site Supervisor to site the rig within the recommended setback or reschedule the borehole accordingly (after fledglings have left the nest, or outside of the breeding period). Setbacks will be flagged off for ease of identification.

Should the nest of a listed Species at Risk be detected, all work in the area will cease until such time as consultation with the Ministry of Natural Resources and Forestry has occurred to confirm that works are completed in compliance with SARA and MBCA and the Ontario *Endangered Species Act*.

**Table 7.1-1. Wildlife Assessment and Frequencies**

Environmental Task or Assessment	Minimum Frequency of Monitoring and Reporting
Visual inspection by Project Ornithologist at planned borehole locations to identify environmentally sensitive areas, including wildlife habitat and bird nests and breeding activity	Twice weekly, or as required ahead of mobilizing to bore location prior to August 31
Visual inspection by Contractor Site Supervisor to identify bird nests and breeding activity	Prior to each new mobilization, up to August 31

## 5.2 Vegetation Management

Geotechnical borehole locations have been sited to avoid the need to fell trees or shrubs. Wide-track rigs will be used on all vegetated surfaces (lawns, pasture, crop land, etc.) to reduce the potential for rutting or cover damage as much as practical. In addition riparian vegetation will not be removed.

During rig mobilization/ demobilization to site only pre-planned access routes will only be utilized. All equipment will be inspected to prior to arrival on site to ensure no transfer of weeds.

### **5.3 Equipment Inspection and Cleaning**

Contractors will be responsible for ensuring that all equipment brought to site arrives in clean and good working condition, is appropriately maintained while on-site, and is equipped with an appropriately stocked spill response kit. Cleaning of equipment will be conducted in accordance with landowner or permit requirements, if applicable.

All equipment will be visually inspected prior to arrival at each site to ensure there is no damage or leaks. Ensure all hoses are properly connected and are adequately maintained.

### **5.4 Fueling Management**

All fuel storage and handling operations will be sited at least 100 m from the nearest waterbody or watercourse in accordance with best management practices.

At a minimum, the Contractor will implement the following spill prevention practices:

- Maintain containers in good condition – not damaged, rusting or leaking;
- Hoses and nozzles used for dispensing fuels should be maintained in good repair and inspected prior to use
- Adequately seal containers with proper fitting lids, caps, bungs or valves to prevent spills and leaks;
- Containers must not be filled beyond their safe filling level;
- Use an electric fuel pump when dispensing from a drum; when an electric fuel pump is not available or not practical, use a manual pump;
- Always store and secure the fuel hose above the drum to prevent siphoning;
- Keep the drum upright and on stable ground; and
- Re-fuelling will be continuously supervised by suitably qualified personnel.

### **5.5 Irregular Subsurface Conditions**

In the event that the rig encounters an irregularity (e.g. visible soil contamination/staining or potential archaeological find), the Contractor Site Supervisor will notify the Environmental Manager immediately for further direction (i.e. take a sample for lab analysis or notify the Project Archaeologist).

## 5.6 Spill Response

Initial response, notification, cleanup and restoration associated with any spill is the Contactor's responsibility.

In the event of a spill the Contractor will immediately attempt to:

- Ensure safety of all personnel & public;
- Prevent further discharge of the pollutant;
- Contain the spill using all resources available (i.e., on-site spill kits, assistance of additional personnel);
- Notify the Contractor Site Supervisor and Environmental Monitor

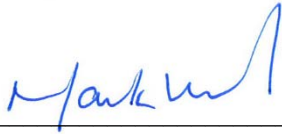
In the event of a spill that does not meet criteria outlined in O. Reg. 675/98 the Contractor will immediately report to the Ontario Spills Action Centre.

<b>Spills Action Centre: 1-800-268-6060</b>
---

The initial verbal report must include:

- The name and contact information of the person reporting the spill;
- Location, date, and time of the release;
- The type and quantity of the substance released;
- A description of the immediate surrounding area;
- Who is on the scene and the names of all persons notified of the spill;
- Local weather conditions;
- The known causes and effects of the spill;
- First response, containment, and remedial actions that have taken place; and
- Details of clean-up, restoration, and disposal locations and procedures that will be followed.

Prepared by:



---

Mark Welsh

Senior Consultant  
ERM

Reviewed by:



---

Matt Scoular

Senior Consultant  
ERM



5 Shoreham Drive, Downsview, ON M3N 1S4  
T. 416-661-6600 | info@trca.on.ca

## CTC Source Protection Region

Jessie Malone  
Imperial Oil Limited  
100 5<sup>th</sup> Conc E  
Waterdown, ON  
LOR 2H1

July 31, 2018

Dear Jessie Malone:

**RE: Imperial Oil Pipeline Replacement Waterdown to Finch**

The *Clean Water Act, 2006* 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. This correspondence confirms that the proposed project is located in the CTC Source Protection Region in the **Toronto and Region Source Protection Area** and the **Credit Valley Source Protection Area**.

### **VULNERABLE AREAS UNDER THE *CLEAN WATER ACT, 2006***

Upon review of the applicable assessment reports, the study area for the proposed Waterdown to Finch Project transects the following vulnerable areas identified under the *Clean Water Act, 2006*:

- ☐ Wellhead Protection Area (Quality)
- ☐ Wellhead Protection Area (Quantity)
- ☐ Intake Protection Zone (IPZ)
- ☒ Event Based Area (EBA)
- ☒ Significant Groundwater Recharge Area (SGRA)
- ☒ Highly Vulnerable Aquifers (HVA)

A description of these vulnerable areas follow below.

- An **Event Based Area** is delineated if modelling demonstrates that a spill from a specific activity may be transported to an intake and represents an activity that poses a significant threat to drinking water.
- A **Significant Groundwater Recharge Area (SGRA)** is an area that supplies a community or private residence with drinking water and is characterized by porous soils, which allow water to seep easily into the ground and flow to an aquifer.

- A **Highly Vulnerable Aquifer** can be easily changed or affected by contamination from both human activities and human process as a result of its intrinsic susceptibility (as a function of the thickness and permeability of overlaying layers), or by preferential pathways to the aquifer.

## **PRESCRIBED THREATS**

Under the *Clean Water Act, 2006*, a “prescribed threat” (hereafter referred to as “threat”) is defined as “an activity or condition that adversely affects or has the potential to adversely affect the quality or quantity of any water that is or may be used as a source of drinking water, and includes an activity or condition that is prescribed by source protection regulation as a drinking water threat”.

The Province has identified 22 activities (see below) that, if they are present in vulnerable areas, now or in the future, could pose a threat (listed in Section 1.1 of O. Reg. 287/07). Twenty of these activities are relevant to drinking water quality threats, while two are relevant to drinking water quantity threats. It is possible that activities related to the project may pose threats to the vulnerable area(s) identified.

- The establishment, operation, or maintenance of a waste disposal site within the meaning of Part V of the *Environmental Protection Act (EPA)*;
- The establishment, operation, or maintenance of a system that collects, stores, transmits, treats, or disposes of sewage;
- The application of agricultural source material to land;
- The storage of agricultural source material;
- The management of agricultural source material;
- The application of non-agricultural source material (NASM) to land;
- The handling and storage of non-agricultural source material (NASM);
- The application of commercial fertilizer to land;
- The handling and storage of commercial fertilizer;
- The application of pesticide to land;
- The handling and storage of pesticide;
- The application of road salt;
- The handling and storage of road salt;
- The storage of snow;
- The handling and storage of fuel;
- The handling and storage of a dense non-aqueous phase liquid;
- The handling and storage of an organic solvent;
- The management of runoff that contains chemicals used in the deicing of aircraft;
- An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body;
- An activity that reduces the recharge of an aquifer;
- The use of land as livestock grazing or pasturing land, an outdoor confinement area, or a farm-animal yard; and
- The establishment and operation of a liquid hydrocarbon pipeline.

In addition to the prescribed threats listed above, a source protection committee (SPC) may determine that there are other activities in their source protection region, which pose a risk to drinking water. The CTC SPC received approval for the addition of two local drinking water threats in the CTC Source Protection Region:

- Pipelines transporting petroleum products (containing benzene) crossing tributaries of Lake Ontario; and
- Spill of tritium from a nuclear generating station.

#### **CTC SOURCE PROTECTION PLAN POLICIES**

The CTC Source Protection Plan contains policies, developed by residents, businesses, and municipalities to protect the vulnerable areas described above. The CTC Source Protection Plan became effective on December 31, 2015 and the complete document is available on the CTC Source Protection Region [website](#) for reference. Policies that apply to HVAs and SGRAs include SAL 10-12, DNAP-3, and OS-3, and Lake Ontario policies apply to EBAs, including LO-PIPE-1, which applies to pipelines transporting petroleum product.

Where an activity associated with the proposed project poses a risk to drinking water, the proponent must document and discuss in the report how the project adheres to or has regard to applicable policies in the CTC Source Protection Plan. The Province has created a [Source Protection Information Atlas](#) to assist in determining where policies apply in vulnerable areas across the province.

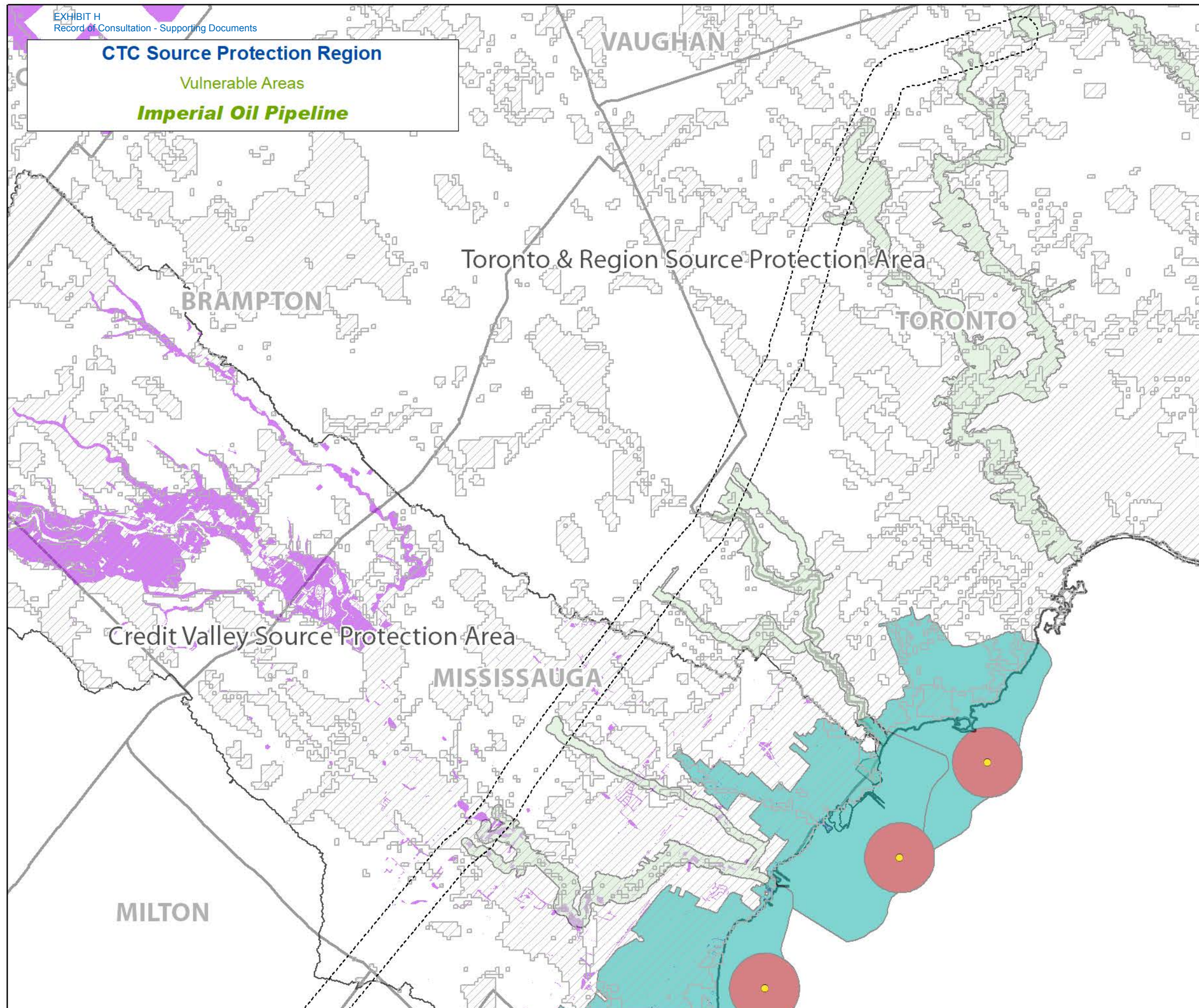
I trust that this information will assist you in the design of Imperial's Waterdown to Finch Project. I strongly recommend that you liaise with Bill Snodgrass, Senior Engineer, City of Toronto (1-416-392-9746; [wsnodgr@toronto.ca](mailto:wsnodgr@toronto.ca)), and Therese Estephan, Advisor, Source Water Protection, Peel Region (905-791-7800 ext. 4339; [Therese.Estephan@peelregion.ca](mailto:Therese.Estephan@peelregion.ca)), should you have any questions when designing your project to ensure the protection of sources of drinking water. In the event that you have any questions with respect to this correspondence, please contact me at 416-892-9634 or by email at [jstephens@trca.on.ca](mailto:jstephens@trca.on.ca).

Best Regards,

Jennifer Stephens  
Program Manager, CTC Source Protection Region

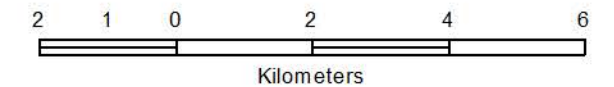
Cc: Annette Lister, Planner II, Toronto and Region Conservation Authority  
Annie Li, Planner, Credit Valley Conservation  
Don Ford, Hydrogeologist, Toronto and Region Conservation Authority  
Kerry Mulchansingh, Hydrogeologist, Credit Valley Conservation  
Bill Snodgrass, Senior Engineer, City of Toronto  
Therese Estephan, Advisor, Source Water Protection, Region of Peel  
Source Protection Screening, Source Protection Programs Branch, Ministry of the Environment and Climate Change

Attach.



## Legend

- Approximate Project Boundary
- Intake Protection Zone (IPZ) - 1
- Intake Protection Zone (IPZ) - 2
- Event Based Area (EBA)
- Highly Vulnerable Aquifer (HVA)
- Significant Groundwater Recharge (SGRA)



(c) Copyright. Toronto & Region Source Protection Area, 2018.

This map has been prepared to meet provincial requirements under the Clean Water Act, 2006 and should be used for other purposes ONLY after consultation with the responsible conservation authority or source protection authority. The analysis used to produce this map relies on best available information as of the date of the map. Priority should be given to site specific information collected in accordance with accepted scientific protocols when being used for other purposes.

# Memo

**To: Jessica Malone**  
**Environmental and Regulatory Lead**  
**Imperial Oil Limited**

**From: Liam Marray**  
**Senior Manager Planning Ecology**

**Date: August 7, 2018**

**Re: EA 18/004 MI. Imperial Oil Limited**  
**Waterdown to Finch Pipeline Replacement**  
**Ontario Energy Board Environmental Report and**  
**Leave to Construct Application**

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Jessica

Further to our meeting on June 20, 2018 and the preliminary discussions CVC has have had with your consultants regarding this project, it appears that this project is moving forward. As a result be advised that there is a \$5000 review fee. Be advised that additional fees will be applicable during detail design.

Please remit as your earliest convenience.

Do not hesitate to contact me, if you have any additional questions.

Yours truly,

Liam

**Liam Marray**

Senior Manager, Planning Ecology | Credit Valley Conservation  
905.670.1615 ext 239 | C: 416.896.1064 | 1.800.668.5557  
[liam.marray@cvc.ca](mailto:liam.marray@cvc.ca) | [cvc.ca](http://cvc.ca)



THIS DATA SHARING AND ACCESS AGREEMENT IS MADE

B E T W E E N:

TORONTO AND REGION CONSERVATION AUTHORITY  
("TRCA")

and

Imperial Oil Limited  
(the "Recipient")

**Imperial Oil Pipeline  
(the "Project")**

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## BACKGROUND

- A. TRCA is a body corporate under the Conservation Authorities Act 1990, dedicated to the conservation and management of natural resources including, community action on environmental matters.
  - B. TRCA compiles, manages or otherwise has access to various data.
  - C. Recipient wishes to access and use the data for the purposes identified in Schedule A (the "Purpose") for the Project.
  - D. TRCA wishes to grant access to the Recipient to the data identified in Schedule A (the Data Set) in accordance with this Agreement.
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In this Agreement "**Intellectual Property Rights**" includes any proprietary rights provided under: (i) patent law; (ii) copyright law (including moral rights); (iii) trade-mark law; (iv) design patent or industrial design law; (v) semi-conductor chip or mask work law; or (vi) any other statutory provision or common law principle applicable to this Agreement, including trade secret law, or the expression or use of same; or any applications, registrations, licenses, sub-licenses, franchises, agreements or any other evidence of a right in any of the foregoing. All rights, including Intellectual Property Rights, other than the foregoing limited license are reserved to TRCA (and its licensors, as applicable).

### 1. Licence Grant

- 1.1. Subject to compliance with section 1.2 and any other conditions set out in this Agreement, TRCA grants Recipient a non-exclusive, worldwide, royalty-free license to use the Data Set for the Purpose.
- 1.2. The license to the Data Set granted in section 1.1, is conditional upon the following:
  - 1.2.1. TRCA must be acknowledged as the source of the Data Set in any publication of data or analysis derived from the Data Set;
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#### Toronto and Region Conservation Authority

Date:

---

Chris Gerstenkorn  
Senior Manager, ITM

#### Recipient

Date:

  
[Name] Martin Bates  
[Title] Engineering, Maintenance  
& Projects Manager

## Imperial Oil Pipeline

---

### Data Set

Regulation Limit	Highly Vulnerable Aquifer
Crest of Slope	Surface Water Intake Protection Zone
Meander Belt	Significant Groundwater Recharge Area
Wetlands	Wellhead Protection Area
Floodline (Engineered)	Fauna
Floodline (Estimated)	Flora
ESA	

### Species at Risk

Please note that the Ministry of Natural Resources and Forestry is responsible for providing data related to species at risk. Please contact the Natural Heritage Information Centre for more information at [NHICrequests@ontario.ca](mailto:NHICrequests@ontario.ca).

### Regulation Limit

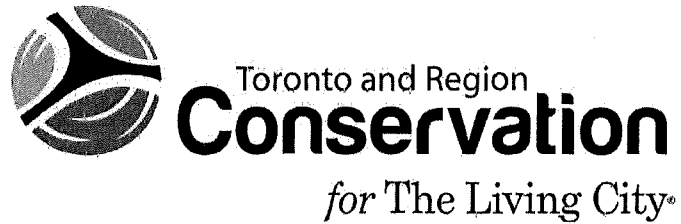
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Imperial Oil has initiated an EA study and will be proceeding to detail design shortly afterward for replacement of an oil pipeline that will run along an existing utility corridor from the western edge of TRCA jurisdiction near Eastgate Parkway in Mississauga to their oil storage facility near Finch and Keele in Toronto.



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and

ERM Consultants Canada Ltd.  
(the "Recipient")

Imperial Oil Pipeline  
(the "Project")

---

Tel. 416.661.6600, 1.888.872.2344 | Fax. 416.661.6898 | [info@trca.on.ca](mailto:info@trca.on.ca) | 5 Shoreham Drive, Downsview, ON M3N 1S4

Member of Conservation Ontario

[www.trca.on.ca](http://www.trca.on.ca)

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Date:

---

Chris Gerstenkorn  
Senior Manager, ITM

#### Recipient

Date:

July 12/2018

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[Name] Marc Wen  
[Title] Managing Partner, Canada

**Schedule "A" to the Data Sharing and Access Agreement  
Between TRCA and ERM Consultants Canada Ltd.  
Imperial Oil Pipeline**

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**Data Set**

Regulation Limit	Highly Vulnerable Aquifer
Crest of Slope	Surface Water Intake Protection Zone
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TORONTO AND REGION CONSERVATION AUTHORITY  
("TRCA")

and

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(the "Recipient")

**Imperial Oil Pipeline**  
**(the "Project")**

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Date:

\_\_\_\_\_  
Chris Gerstenkorn  
Senior Manager, ITM



#### Recipient

Date:

\_\_\_\_\_  
[Name] Thomas J. Davison  
[Title] PRESIDENT

## **Schedule "A" to the Data Sharing and Access Agreement Between TRCA and UniversalPegasus International (UPI) Imperial Oil Pipeline**

---

### **Data Set**

Regulation Limit	Highly Vulnerable Aquifer
Crest of Slope	Surface Water Intake Protection Zone
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## 2. Indemnity and Liability

- 2.1. **THE DATA SET IS PROVIDED BY TRCA ON AN "AS IS" AND "AS AVAILABLE" BASIS. TRCA MAKES NO REPRESENTATIONS OR WARRANTIES AS TO THE ACCURACY OR COMPLETENESS OF ANY DATA SET. ALL IMPLIED REPRESENTATIONS, WARRANTIES OR CONDITIONS OF ANY KIND ARE DISCLAIMED, INCLUDING WITHOUT LIMITATION WARRANTIES OR CONDITIONS AS TO MERCHANTABILITY, QUALITY OR FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, AND THOSE ARISING BY STATUTE OR OTHERWISE, OR FROM A COURSE OF DEALING OR USAGE OF TRADE.**
- 2.2. IN NO EVENT SHALL TRCA, OR ANY OF ITS DIRECTORS, OFFICERS, EMPLOYEES, AGENTS, OR SUBCONTRACTORS, BE LIABLE FOR ANY DAMAGES, INCLUDING ANY CLAIM FOR DIRECT, PUNITIVE, EXEMPLARY, AGGRAVATED, INDIRECT, CONSEQUENTIAL OR SPECIAL DAMAGES IN CONNECTION WITH THIS AGREEMENT, INCLUDING WITHOUT LIMITATION DAMAGES FOR LOSS OF PROFITS OR REVENUE, OR FAILURE TO REALIZE EXPECTED SAVINGS, HOWSOEVER DERIVED. IF, NOTWITHSTANDING THE FOREGOING LIMITATION, A COURT OF COMPETENT JURISDICTION AWARDS DAMAGES AGAINST TRCA, THE PARTIES EXPRESSLY AGREE THAT THOSE DAMAGES SHALL NOT EXCEED \$100 IN THE AGGREGATE.
- 2.3. Recipient acknowledges that TRCA does not represent or warrant that the Data Set is accurate, free of error, current or up-to-date. In consideration of being supplied with the Data Set by TRCA, Recipient acknowledges and agrees that the use of the Data Set is at the risk of Recipient and subject to the terms and conditions of this Agreement. Any person(s) or organization(s) making use of or relying upon the Data Set is responsible for confirming its accuracy and completeness. TRCA is not responsible for edited or reproduced versions of the Data Set.
- 2.4. Recipient shall indemnify TRCA (and its directors, officers, employees, contractors, licensors and agents) from any third party claims arising out of Recipient's use of the Data Set.
- 2.5. Each party acknowledges and agrees that:
  - 2.5.1. in the event of any breach or anticipated breach of the provisions of this Agreement relating to Intellectual Property Rights, damages alone would not be an adequate remedy for the non-breaching party, and
  - 2.5.2. the non-breaching party shall be entitled to equitable relief in respect of that breach, such as an injunction, in addition to or in lieu of damages and without being required to prove that it has suffered or is likely to suffer damages.

### 3. General

- 3.1. This Agreement shall be governed and interpreted according to the laws of the Province of Ontario, Canada.
- 3.2. Nothing contained in this Agreement shall create or be deemed to create the relationship of joint venture, partnership, agency or employment between the parties. Neither party shall represent itself as the joint venture, partner, agent or employee of the other.
- 3.3. This Agreement may not be assigned by either party without the prior written consent of the other party.
- 3.4. This Agreement may be executed in any number of counterparts. Either party may send a copy of its executed counterpart to the other party by email instead of delivering a signed original of that counterpart. Each executed counterpart (including each copy sent by email) will be deemed to be an original; all executed counterparts taken together will constitute one agreement.

---

This Agreement is executed by the Parties:

#### Toronto and Region Conservation Authority


Date:

---

Chris Gerstenkorn  
Senior Manager, ITM

#### Recipient

Date:

  
\_\_\_\_\_  
[Name] Shannon Catton  
[Title] Project Director

### Data Set

Regulation Limit	Highly Vulnerable Aquifer
Crest of Slope	Surface Water Intake Protection Zone
Meander Belt	Significant Groundwater Recharge Area
Wetlands	Wellhead Protection Area
Floodline (Engineered)	Fauna
Floodline (Estimated)	Flora
ESA	

### Species at Risk

Please note that the Ministry of Natural Resources and Forestry is responsible for providing data related to species at risk. Please contact the Natural Heritage Information Centre for more information at [NHICrequests@ontario.ca](mailto:NHICrequests@ontario.ca).

### Regulation Limit

Please note that the Regulation Limit Line represents Ontario Regulation 166/06: Development, Interference with Wetlands and Alterations to shorelines and Watercourses. The text of the Regulation takes precedence over the Regulation Limit mapping. Some regulated features may not appear on the Regulation Limit mapping.

The regulation limit and meander belt information from Ontario Regulation 166/06 is a screening layer only (and should be identified as such in any submissions) and is not to be used for any engineering design purposes (i.e. crossings, etc.) as part of the development application. Please contact the TRCA planning department for additional information (416-661-6600).

The Regulation Limit is a compilation of various information sources. Engineered floodplain mapping and estimated floodplain mapping were prepared by engineering consultants and assigned an allowance of up to 15 metres. Erosion Hazards were determined by TRCA and assigned an allowance of up to 15 metres. Shoreline Hazards were determined by TRCA and assigned an allowance of up to 15 metres. Provincially Significant Wetland (PSW), Locally Significant Wetland (LSW) and Oak Ridges Moraine (ORM) wetland delineations were provided by the Ministry of Natural Resources. All other wetlands delineations were determined by using TRCA Ecological Land Classification (ELC) System mapping. PSW and ORM wetlands greater than 0.5 hectares in size were assigned an allowance of 120 metres in order to identify lands where development could interfere with the function of a wetland. LSW and ELC wetlands greater than 0.5 hectares in size were assigned an allowance of 30 metres. Please refer to 'Reference Manual for Determination of Regulation Limits' (TRCA, 2005).

### Purpose

Imperial Oil has initiated an EA study and will be proceeding to detail design shortly afterward for replacement of an oil pipeline that will run along an existing utility corridor from the western edge of TRCA jurisdiction near Eastgate Parkway in Mississauga to their oil storage facility near Finch and Keele in Toronto.

**FW: Data request for Imperial's Waterdown to Finch Project**

Malone, Jessie M [jessie.m.malone@esso.ca]

**Sent:** Friday, August 24, 2018 12:29 PM**To:** Matthew Scoular [Matthew.Scoular@erm.com]; Mark Welsh [Mark.Welsh@erm.com]**Cc:** Imperial Isometrix**Attachments:** HCA Regulated Area\_Imperia~1.jpg (943 KB)

Matt, Mark,

Can you confirm whether we need digital mapping info per below? Please make note of the listed concerns to address in our ER.

Thanks,  
Jessie

---

**From:** Kenny, Darren [mailto:Darren.Kenny@conservationhamilton.ca]**Sent:** Friday, August 24, 2018 9:27 AM**To:** Malone, Jessie M <jessie.m.malone@esso.ca>**Cc:** 'Matthew Scoular' <Matthew.Scoular@erm.com>; Oaks, Colin <coaks@conservationhamilton.ca>; McDonell, Lesley <Lesley.McDonell@conservationhamilton.ca>; Woodworth, Richard <Richard.Woodworth@conservationhamilton.ca>**Subject:** RE: Data request for Imperial's Waterdown to Finch Project

Jessie,

No worries, as I too am long overdue in providing follow-up on our joint agency site walk back in early July.

Please see attached for a map showing our approximate regulated area that has been refined since our site walk.

The pipeline is shown in red and our regulated area in yellow. PSW boundaries are in orange. Our watershed boundary is shown in light green. The full watershed boundary can be found on our regulated area mapping tool web page at <http://conservationhamilton.ca/regulated-areas-map-tool/>

If you require digital mapping information, please let me know.

The regulated area in the vicinity of 162-172 Concession 5 E will have to be further refined with regard to the tributaries and small wetland identified by both our agencies once the field studies are completed.

As we are dealing strictly with first order headwaters, there is no floodplain associated with these watercourses.

There are no ponds, meander belt, shoreline, or stable top of bank issues to be addressed in this area.

There is no direct fish habitat/fisheries in this location and we have no monitoring stations in the area.

By copy of this e-mail to our ecology staff, we will arrange to provide whatever natural heritage information we have available - which will be limited for this particular area. We do have a template data sharing agreement we can provide should it be necessary.

As can be seen from the attached map, the extent of works within our regulated area will be relatively minor. However, based on the information received to date and observations made during our site walk,

The following issues are of concern to HCA staff and will have to be addressed as part of the future regulation application:

- Maintenance of existing watercourses and surface drainage pattern pre-post pipeline construction
- Delineation of any previously unidentified wetlands and maintenance of groundwater flow pattern/volumes and water balance for wetlands
- Location of extra temporary work space areas and material stockpiling during construction
- Mitigation measures for watercourses/surface drainage, tree protection, etc. during construction
- Post-construction restoration and revegetation of disturbed areas

These issues can be further refined and discussed as the field studies are completed and the project details are developed.

Thank you

**Darren Kenny**, B.Sc. (Hons.), CAN-CISEC  
**Watershed Officer, Badge # 113**  
Hamilton Conservation Authority  
P.O. Box 81067, 838 Mineral Springs Road  
Ancaster, Ontario L9G 4X1  
Tel - 905-525-2181, ext. 131  
Fax - 905-648-4622  
[darren.kenny@conservationhamilton.ca](mailto:darren.kenny@conservationhamilton.ca)  
Website - [www.conservationhamilton.ca](http://www.conservationhamilton.ca)

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Thank you.

---

**From:** Malone, Jessie M [<mailto:jessie.m.malone@esso.ca>]  
**Sent:** Friday, August 24, 2018 9:55 AM  
**To:** Kenny, Darren <[Darren.Kenny@conservationhamilton.ca](mailto:Darren.Kenny@conservationhamilton.ca)>

**Cc:** 'Matthew Scoular' <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>

**Subject:** Data request for Imperial's Waterdown to Finch Project

Hi Darren,

I have a long overdue follow up with you to request any data layers that you may have available to inform the project planning. We would be interested in seeing data layers such as:

- Floodplain limits and associated cross sections
- Approximate regulation limit of HCA
- Regulated watercourses and hydrologic linkages
- Ponds, meander belt, shoreline, stable top of bank
- Wetlands
- Ecological land classification
- Fisheries occurrence
- Monitoring stations
- Watershed boundary
- Landcover
- Environmentally significant areas
- Species observations
- Floodplain hydraulic or flow model

Please let me know what you'd have available and if you have a template data sharing agreement.



Thanks,

**Jessie Malone, P.Eng**

**Environmental and Regulatory Advisor**

Safety Security Health and Environment, Imperial

505 Quarry Park Blvd. SE, Calgary, AB T2C 5N1 | W5C.244

[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca) P 587.476.4799  | C. 403.826.5491   
[imperialoil.ca](http://imperialoil.ca) | [Twitter](#) | [YouTube](#)



## REQUEST FOR DIGITAL MAPPING OR DATA LICENSING

This application must be completed in full for all digital mapping and data requests. Incomplete applications will be returned to the applicant and may result in significant delays to processing your request. Data licenses are issued for all approved requests, typically on a project-by-project basis. Conservation Halton's Data Distribution Policy will determine if data licensing fees or staff time recovery fees will be charged.

A typical information request will take approximately 5 to 15 business days to process, from the time a signed licensing agreement is received by Conservation Halton. Additional time may be required for large data orders or requests that require staff time in excess of one hour to complete. Requests are processed in the order that they are received. Enquires regarding the status of any information request should be directed to [gis@hrca.on.ca](mailto:gis@hrca.on.ca)

### A. STUDY AREA

DATE August 24, 2018	DATE DATA REQUIRED BY September 15, 2018
PROJECT TITLE OR STUDY NAME Imperial's Waterdown to Finch Project	
PROJECT LOCATION OR STUDY AREA (BE SPECIFIC) Shapefile and kmz file have been previously provided. Study area is a 25 m buffer on either side of the pipeline centerline.	
STUDY AREA MAP ATTACHED? No	

### B. INFORMATION USE

PLEASE PROVIDE SPECIFIC INFORMATION ON HOW THE DATA WILL BE USED IN THE PROJECT OR STUDY. Data will be used during the project development to support constraints mapping. This will inform the pipeline design and avoidance and/or mitigation measures that may be required. The data will also be used to inform the environmental report that will be submitted as part of the OEB's Leave to Construct application and Infrastructure Ontario's Environmental Assessment.
---

### C. TYPE OF INFORMATION REQUEST

WHAT TYPE OF DATA ARE YOU REQUESTING?	
PRINTED PUBLICATIONS, REPORTS, MAPPING, DATABASE SUMMARIES	No
DIGITAL GIS DATA OR DATABASES	Yes
ENGINEERING HYDRAULIC/HYDROLOGIC MODELS	Yes
OTHER (PLEASE SPECIFY)	



#### D. INFORMATION REQUESTED - PACKAGES

PLEASE CIRCLE THE DATA PACKAGE REQUIRED OR CREATE A CUSTOM LIST ON PAGE 2.

Planning Package    B                      Floodplain Package    C                      Ecology Package    B

#### D. INFORMATION REQUESTED - INDIVIDUAL LAYERS

PLEASE LIST OTHER SPECIFIC MAPPING, DATA OR INFORMATION REQUIRED HERE.

Approximate Regulation Limit (ARL)  
Floodplain (Regulated Hazard)  
Ponds (Regulated Hazard)  
Meander Belt (Regulated Hazard)  
Shoreline (Regulated Hazard)  
Stable Top of Bank (Regulated Hazard)  
Wetland (Regulated Hazard)  
Flood Lines / Flood Plains  
Regulated Watercourses & Hydrologic Linkages (e.g. Creeks)  
Ecological Land Classification (ELC)  
Fisheries Occurrence  
Monitoring Stations (FBMP, MMP)  
Watershed Boundary  
Subwatersheds: Sixteen Mile, Bronte and Grindstone Creeks  
Landcover  
Floodplain Hydraulic or Flow Model (e.g. HECRAS)

#### E. CONTACT INFORMATION OF INDIVIDUAL OR ORGANIZATION INITIATING THE PROJECT

(Note: This contact will be listed as a licensee and will be required to sign and be bound by the terms and conditions of the Data Licensing Agreement. Typically this is the individual landowner or Municipality who hired a consultant to undertake the works.)

NAME Martin Bates	CITY/PROVINCE Calgary, Alberta T2C5N1	POSTAL CODE
POSITION TITLE Engineering, Maintenance & Projects Manager	TELEPHONE NO. 587-476-3194	
AGENCY/AFFILIATION Imperial	EXTENSION	
BRANCH/DIVISION (IF APPLICABLE)	FAX NO.	
MAILING ADDRESS (STREET/P.O. BOX/SUITE) 505 Quarry Park Blvd SE	EMAIL ADDRESS Martin.bates@esso.ca	

#### F. CONTACT INFORMATION OF THE ORGANIZATION WHO WILL RECEIVE THE DATA

(Note: This contact will be listed as a licensee and will be required to sign and be bound by the terms and conditions of the Data Licensing Agreement. Typically this individual is the project manager/coordinator.)

NAME Jessie Malone	CITY/PROVINCE Calgary, Alberta T2C5N1	POSTAL CODE
POSITION TITLE Environment & Regulatory Lead	TELEPHONE NO. 587-476-4799	
AGENCY/AFFILIATION Imperial	EXTENSION	



Conservation Halton  
2596 Britannia Road West Burlington, ON 7P 0G3  
Phone: 905.336-1158 Fax: 905.336.7014  
Extension: 254 [gis@hrca.on.ca](mailto:gis@hrca.on.ca)

Geographic Information Systems Program  
*Protecting the natural environment  
from lake to escarpment*  
[www.conservationhalton.on.ca](http://www.conservationhalton.on.ca)

BRANCH/DIVISION (IF APPLICABLE)	FAX NO.
MAILING ADDRESS (STREET/P.O. BOX/SUITE) 505 Quarry Park Blvd SE	EMAIL ADDRESS Jessie.m.malone@esso.ca

**G. CONTACT INFORMATION OF INDIVIDUAL FROM ORGANIZATION F WHO WILL RECEIVE THE DATA**

(Note: Typically this is the technician who will physically receive the data. If this section is left blank, data will be delivered to the attention of the individual listed in F above.)

NAME	CITY/PROVINCE	POSTAL CODE
POSITION TITLE	TELEPHONE NO.	
AGENCY/AFFILIATION	EXTENSION	
BRANCH/DIVISION (IF APPLICABLE)	FAX NO.	
MAILING ADDRESS (STREET/P.O. BOX/SUITE)	EMAIL ADDRESS	

EXHIBIT H  
Record of Consultation - Supporting Documents

Filed: 2019-02-22  
EB-2019-0007  
Tab 1, Schedule 4  
Page 110 of 128

## FW: UPI Waterdown to Finch Pipeline - Channel and Bank Erosion Assessment

Matthew Scoular [Matthew.Scoular@erm.com]

**Sent:** Friday, August 31, 2018 10:39 AM

**To:** Imperial Isometrix; Malone, Jessie M (jessie.m.malone@esso.ca); Watson, James (James.Watson@hii-upi.com)


**Cc:** Amanda Juric [Amanda.Juric@erm.com]; Curtis Campbell [Curtis.Campbell@erm.com]; Mike Cox [Mike.Cox@erm.com]

Fyi – good news on our proposed Geomorph approach. CO coming James...

Best,

Matt Scoular

**ERM**

**M** +1 416 567 7126 

---

**From:** Mike Cox

**Sent:** Friday, August 31, 2018 10:25 AM

**To:** Mark Welsh <Mark.Welsh@erm.com>; Brian Lynch <Brian.Lynch@erm.com>

**Cc:** Matthew Scoular <Matthew.Scoular@erm.com>; Andy Olson <Andy.Olson@erm.com>; Joseph Kmetz <Joseph.Kmetz@erm.com>

**Subject:** RE: UPI Waterdown to Finch Pipeline - Channel and Bank Erosion Assessment SOW and Cost Estimate

Good morning all. I just spoke with Allan Newell at CH. I explained our proposed scope of work to Allan and noted that we had planned to conduct 'typical' scour calculations per stream crossing type that we have classified (i-IV). I told him that at this time we had not anticipated conducting scour analysis on all 53 sites.

He appreciated the call and was in general agreement of our scope of work.

He made the following comments:

1. Typical pipeline burial depth is 3 meters below the stream bed unless scour analysis indicates burial should be deeper.
2. They do not want to see hardening of the channel bed or banks. They would prefer that pipeline burial or bank offsets are deep enough and far enough laterally to handle any natural and future erosion.


Hope this helps.

Mike

[mike.cox@erm.com](mailto:mike.cox@erm.com)

Mobile +1 406-223-7088 

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## APPENDIX A: TRCA COMMENTS AND PROPONENT RESPONSES

BH NAME	TRCA COMMENTS (August 1, 2018)	Approximate depth (m)
75(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p> <p>c. Access appears to cross a natural feature (wetland/ watercourse). Please confirm that the existing access will be used to cross the feature.</p>	25
76(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p>	25
77(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p> <p>c. Access appears to cross a natural feature (watercourse). Please consider and provide an alternate access, perhaps from the property to the south, or identify the method and equipment that will be used to cross the feature (i.e. swamp mat, hand-held drill, etc.)</p>	25
78(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p>	25
79(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p>	25
81(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p> <p>c. Access appears to cross a potential feature. Please confirm that the existing access as shown will be used to cross the potential feature.</p>	25
86(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p> <p>c. Access crosses TRCA regulated area including a watercourse. Please confirm that the existing road/ trail will be used for access.</p>	60
95(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p>	25
96(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p>	25

BH NAME	TRCA COMMENTS (August 1, 2018)	Approximate depth (m)
	c. Please note that borehole and access are located within the Regional Flood Plain. The proponent/ contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Flood Plain that would have the potential to cause a spill or obstruction of flow.	
97(D)	a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area? b. Will there be any pump tests associated with the borehole? c. Please note that borehole and access are located within the Regional Flood Plain. The proponent/ contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Flood Plain that would have the potential to cause a spill or obstruction of flow.	25
98(D)	a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area? b. Will there be any pump tests associated with the borehole? c. Please note that borehole and access are located within the Regional Flood Plain. The proponent/ contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Flood Plain that would have the potential to cause a spill or obstruction of flow.	25
106(D)	a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area? b. Will there be any pump tests associated with the borehole? c. Access appears to cross a natural feature (watercourse). Please consider and provide an alternate access, perhaps from the property to the south, or identify the method and equipment that will be used to cross the feature (i.e. swamp mat, hand-held drill, etc.).	25
115(D)	a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area? b. Will there be any pump tests associated with the borehole?	25
117(D)	a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area? b. Will there be any pump tests associated with the borehole? c. Please note that borehole and access are located within the Regional Flood Plain. The proponent/ contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Flood Plain that would have the potential to cause a spill or obstruction of flow. d. Access through TRCA property, under management agreement with City of Toronto, is required. Please contact TRCA Property Agent, Edlyn Wong ( <a href="mailto:ewong@trca.on.ca">ewong@trca.on.ca</a> ) and City of Toronto for Park Access Permit requirements ( <a href="mailto:Rocco.Leoncini@toronto.ca">Rocco.Leoncini@toronto.ca</a> ). Please also indicate if there will be any rutting or disturbance to unpaved areas on TRCA property as a result of any vehicles or heavy equipment. Please note that there may be archaeological	25

BH NAME	TRCA COMMENTS (August 1, 2018)	Approximate depth (m)
	concerns associated with any disturbance within TRCA property, including any significant compaction by heavy vehicles or equipment.	
118(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p> <p>c. Please note that borehole and access are located within the Regional Flood Plain. The proponent/ contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Flood Plain that would have the potential to cause a spill or obstruction of flow.</p> <p>d. Access through TRCA property, under management agreement with City of Toronto, is required. Please contact TRCA Property Agent, Edlyn Wong (<a href="mailto:ewong@trca.on.ca">ewong@trca.on.ca</a>), and City of Toronto for Park Access Permit requirements (<a href="mailto:Rocco.Leoncini@toronto.ca">Rocco.Leoncini@toronto.ca</a>). Please also indicate if there will be any rutting or disturbance to unpaved areas on TRCA property as a result of any vehicles or heavy equipment. Please note that there may be archaeological concerns associated with any disturbance within TRCA property, including any significant compaction by heavy vehicles or equipment.</p> <p>e. Please confirm that access to the borehole location will remain on the existing road/ trail to the extent feasible.</p>	25
119(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p> <p>c. Please note that borehole and access are located within the Regional Flood Plain. The proponent/ contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Flood Plain that would have the potential to cause a spill or obstruction of flow.</p> <p>d. Access through TRCA property, under management agreement with City of Toronto, is required. Please contact TRCA Property Agent, Edlyn Wong (<a href="mailto:ewong@trca.on.ca">ewong@trca.on.ca</a>), and City of Toronto for Park Access Permit requirements (<a href="mailto:Rocco.Leoncini@toronto.ca">Rocco.Leoncini@toronto.ca</a>). Please also indicate if there will be any rutting or disturbance to unpaved areas on TRCA property as a result of any vehicles or heavy equipment. Please note that there may be archaeological concerns associated with any disturbance within TRCA property, including any significant compaction by heavy vehicles or equipment.</p> <p>e. Please confirm that access to the borehole location will remain on the existing road/ trail to the extent feasible.</p>	25
120(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p> <p>c. Please note that borehole and access are located within the Regional Flood Plain. The proponent/ contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Flood Plain that would have the potential to cause a spill or obstruction of flow.</p>	25

BH NAME	TRCA COMMENTS (August 1, 2018)	Approximate depth (m)
	<p>d. Trail access through TRCA property, under management agreement with City of Toronto, appears to be required. Please contact TRCA Property Agent, Edlyn Wong (<a href="mailto:ewong@trca.on.ca">ewong@trca.on.ca</a>), and City of Toronto for Park Access Permit requirements (<a href="mailto:Rocco.Leoncini@toronto.ca">Rocco.Leoncini@toronto.ca</a>). Please clarify if any trail closures are required for the proposed borehole work. Please also indicate if there will be any rutting or disturbance to unpaved areas on TRCA property as a result of any vehicles or heavy equipment. Please note that there may be archaeological concerns associated with any disturbance within TRCA property, including any significant compaction by heavy vehicles or equipment.</p> <p>e. The borehole and access appears to be located within a wetland. Please confirm if a portable hand-held drill, that can be carried to the site, can be used at this location. Please provide a photograph of the hand-held drill that will be used.</p>	
121(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p> <p>c. Please note that borehole and access are located within the Regional Flood Plain. The proponent/ contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Flood Plain that would have the potential to cause a spill or obstruction of flow.</p> <p>d. Access appears to cross a potential natural feature (wetland). Please confirm that either swamp mats will be used for access, or a portable hand-held drill. Please provide a photograph of the swamp mat or hand-held drill that will be used.</p>	35
122(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p> <p>c. Please note that borehole and access are located within the Regional Flood Plain. The proponent/ contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Flood Plain that would have the potential to cause a spill or obstruction of flow.</p>	30
123(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p> <p>c. Please note that borehole and access are located within the Regional Flood Plain. The proponent/ contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Flood Plain that would have the potential to cause a spill or obstruction of flow.</p> <p>d. Access appears to cross through natural features, included vegetated areas and wetlands, immediately adjacent to the Main Humber River and Emery Creek. Please confirm if a portable hand-held drill, that can be carried to the site, can be used at this location. Please provide a photograph of the hand-held drill that will be used.</p>	30

BH NAME	TRCA COMMENTS (August 1, 2018)	Approximate depth (m)
124(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p> <p>c. Please note that borehole and access are located within the Regional Flood Plain. The proponent/ contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Flood Plain that would have the potential to cause a spill or obstruction of flow.</p> <p>d. Access through TRCA property, under management agreement with City of Toronto, is required from St. Lucie Drive. Please contact TRCA Property Agent, Edlyn Wong (<a href="mailto:ewong@trca.on.ca">ewong@trca.on.ca</a>), and City of Toronto for Park Access Permit requirements (<a href="mailto:Rocco.Leoncini@toronto.ca">Rocco.Leoncini@toronto.ca</a>). Please also indicate if there will be any rutting or disturbance to unpaved areas on TRCA property as a result of any vehicles or heavy equipment. Please note that there may be archaeological concerns associated with any disturbance within TRCA property, including any significant compaction by heavy vehicles or equipment.</p>	30
125(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p> <p>c. Please note that borehole and access are located within the Regional Flood Plain. The proponent/ contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Flood Plain that would have the potential to cause a spill or obstruction of flow.</p> <p>d. Access appears to require a crossing of Emery Creek. Please note that watercourse crossings should be avoided to the extent possible to reduce impacts and risk. Please consider an alternate access to the borehole location such as through TRCA property from Windhill Crescent to the north, or through TRCA property from Lanyard Road with a hand-held drill. Please determine if an alternate access is feasible. If access through TRCA property, under management agreement with City of Toronto, is required, please contact TRCA Property Agent, Edlyn Wong (<a href="mailto:ewong@trca.on.ca">ewong@trca.on.ca</a>) and City of Toronto for Park Access Permit requirements (<a href="mailto:Rocco.Leoncini@toronto.ca">Rocco.Leoncini@toronto.ca</a>). Please also note that access should remain on existing roads/ trails to the extent feasible. Please also indicate if there will be any rutting or disturbance to unpaved areas on TRCA property as a result of any vehicles or heavy equipment. Please note that there may be archaeological concerns associated with any disturbance within TRCA property, including any significant compaction by heavy vehicles or equipment.</p>	30
126(D)	<p>a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area?</p> <p>b. Will there be any pump tests associated with the borehole?</p> <p>c. Please note that borehole and access are located within the Regional Flood Plain. The proponent/ contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Flood Plain that would have the potential to cause a spill or obstruction of flow.</p>	30

<b>BH NAME</b>	<b>TRCA COMMENTS</b> (August 1, 2018)	<b>Approximate depth (m)</b>
127(D)	a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area? b. Will there be any pump tests associated with the borehole?	35
135(D)	a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area? b. Will there be any pump tests associated with the borehole?	25
136(D)	a. Does access, staging or storage require site grading, temporary or permanent fill placement or removal, or grubbing associated with vegetation removal within a TRCA regulated area? b. Will there be any pump tests associated with the borehole? c. Please note that borehole and access are located within the Regional Flood Plain. The proponent/ contractor shall monitor the weather several days in advance of the onset of the project to ensure that the works will be conducted during favourable weather conditions. Should an unexpected storm arise, the contractor will remove all unfixed items from the Regional Flood Plain that would have the potential to cause a spill or obstruction of flow.	25

**RE: Imperial Waterdown to Finch Project - Geotechnical Investigation**

Malone, Jessie M [jessie.m.malone@esso.ca]


**Sent:** Friday, September 07, 2018 6:30 PM**To:** Annette Lister [annette.lister@trca.on.ca]**Cc:** Curtis Campbell [Curtis.Campbell@erm.com]; Imperial Isometrix; Matthew Scoular [Matthew.Scoular@erm.com]

Hi Annette,

Just wanted to follow up on your question below. In our initial response to you, we had provided a general range in depths (10-85m) because we hadn't determined the individual bore depths at that time. The depths are dependent on the HDD drill profile designed by engineering - we have now progressed the design enough that we have a better idea of approximate depths. We do have bores that will be drilled as deep as 85m, but none of these are located in TRCA regulated area. An approximate depth of 25m for BH 120 is correct.

Please let me know if you would like to discuss further.

Thanks and have a great weekend.

**Jessie Malone, P.Eng****Environmental and Regulatory Advisor**Safety Security Health and Environment, Imperial  
505 Quarry Park Blvd. SE, Calgary, AB T2C 5N1 | W5C.244[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca) P 587.476.4799  C. 403.826.5491   
[imperialoil.ca](http://imperialoil.ca) | [Twitter](#) | [YouTube](#)**From:** Annette Lister [mailto:annette.lister@trca.on.ca]**Sent:** Friday, September 7, 2018 9:58 AM**To:** Matthew Scoular <Matthew.Scoular@erm.com>**Cc:** Malone, Jessie M <jessie.m.malone@esso.ca>; Curtis Campbell <Curtis.Campbell@erm.com>; Imperial-isometrix@national.ca**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation


Hi Matt,

Thank you very much for your quick reply and for providing the information. For Borehole 120(D), your previous response dated August 29, 2018 indicated the the drill depth will be up to 85 m below ground to confirm HDD suitability. In the response that you just provided me, the depth is identified as 25 m. Can you please clarify? We are currently asking for this depth information to ensure that there are no groundwater/aquifer impacts.

Thanks,  
Annette**Annette Lister, M.A.Sc.**

Planner

Environmental Assessment Planning | Planning and Development

T: 416.661.6600  ext. 5266E: [alister@trca.on.ca](mailto:alister@trca.on.ca)

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EXHIBIT H  
Record of Consultation - Supporting Documents

Filed: 2019-02-22  
EB-2019-0007  
Tab 1, Schedule 4  
Page 118 of 128

From: Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>  
To: Annette Lister <[annette.lister@trca.on.ca](mailto:annette.lister@trca.on.ca)>  
Cc: "Malone, Jessie M" ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca))" <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>, Curtis Campbell <[Curtis.Campbell@erm.com](mailto:Curtis.Campbell@erm.com)>, "Imperial-isometrix@national.ca" <[Imperial-isometrix@national.ca](mailto:Imperial-isometrix@national.ca)>  
Date: 09/07/2018 10:47 AM  
Subject: RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

---


Hi Annette,

Here are the depths of the boreholes. Please keep in mind approximate depths and are subject to change.

Best,

Matt Scoular

**ERM**

**M** +1 416 567 7126 


**From:** Annette Lister <[annette.lister@trca.on.ca](mailto:annette.lister@trca.on.ca)>  
**Sent:** Thursday, September 06, 2018 3:57 PM  
**To:** Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>  
**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

Hi Matthew,

I am working towards getting a response to you soon, but for the 27 boreholes located within TRCA regulated areas, are you able to provide me with the approximate depth that the boreholes will be drilled to?

Thanks,  
Annette

**Annette Lister**, M.A.Sc.  
Planner  
Environmental Assessment Planning | Planning and Development

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E: [alister@trca.on.ca](mailto:alister@trca.on.ca)  
A: 101 Exchange Avenue, Vaughan ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | [trca.ca](http://trca.ca)

From: Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>  
To: Annette Lister <[alister@trca.on.ca](mailto:alister@trca.on.ca)>  
Cc: "Malone, Jessie M" ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca))" <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>, Curtis Campbell <[Curtis.Campbell@erm.com](mailto:Curtis.Campbell@erm.com)>, "Imperial-isometrix@national.ca" <[Imperial-isometrix@national.ca](mailto:Imperial-isometrix@national.ca)>, "Watson, James" ([James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com))" <[James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)>, "Hatch, Adam" <[adam.hatch@stantec.com](mailto:adam.hatch@stantec.com)>  
Date: 08/29/2018 03:41 PM  
Subject: RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

---

Good afternoon Annette,


Imperial's responses to TRCA comments on the Waterdown to Finch Geotechnical Investigation are attached. I have also attached the final borehole locations for your records.

We trust that these responses adequately address TRCA comments. Please let Jessie or I know if you need to discuss anything further.

Best,

Matt Scoular

**ERM**

**M** +1 416 567 7126 

**From:** Annette Lister <[alister@trca.on.ca](mailto:alister@trca.on.ca)>

**Sent:** Wednesday, August 01, 2018 2:58 PM

**To:** Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>

**Cc:** Malone, Jessie M ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)) <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>

**Subject:** Re: Imperial Waterdown to Finch Project - Geotechnical Investigation

Hello Matthew,

Thank you for providing the borehole site and access location plans in the form of shape files for our review. It was very helpful to be able to overlay the proposed boreholes and accesses directly onto our own mapping layers. Please see the attached letter for our comments on the TRCA regulated boreholes.

Please let me know if you have any questions.

Thank you,  
Annette

**Annette Lister, M.A.Sc.**

Planner

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A: 101 Exchange Avenue, Vaughan ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | [trca.ca](http://trca.ca)

---

From: Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>

To: "Imperial-isometrix@national.ca" <[Imperial-isometrix@national.ca](mailto:Imperial-isometrix@national.ca)>

Cc: "Malone, Jessie M ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca))" <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>, Mark Welsh <[Mark.Welsh@erm.com](mailto:Mark.Welsh@erm.com)>, Curtis Campbell <[Curtis.Campbell@erm.com](mailto:Curtis.Campbell@erm.com)>, "Watson, James ([James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com))" <[James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)>

Date: 07/17/2018 02:54 PM

Subject: Imperial Waterdown to Finch Project - Geotechnical Investigation

---

Hi all,

Imperial's Waterdown to Finch Project Geotechnical Investigation borehole locations and access plans are attached for your review. The investigation is planned to start the end of July/early August 2018 and take approximately three months to complete. We will send our Environmental Protection Plan for the investigation shortly.

Please let me know if you need to discuss anything.

Best Regards,

Matt Scoular, M.E.S., MCIP, RPP  
Project Manager / Senior Consultant

**ERM**

120 Adelaide Street West | 20<sup>th</sup> Floor | Suite 2020  
Toronto, ON | Canada | M5H 1T1

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[\[attachment "20180713 Boreholes and access roads.zip" deleted by Annette Lister/TRCA\]](#)

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[\[attachment "A.1 Borehole Investigation Submission Response Appendix A.pdf" deleted by Annette Lister/TRCA\]](#) [\[attachment "20180814\\_Imperial\\_WaterdownToFinch\\_Boreholes\\_AccessRoads.kmz" deleted by Annette Lister/TRCA\]](#)

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[\[attachment "Boreholes App A - depths.docx" deleted by Annette Lister/TRCA\]](#)

EXHIBIT H  
Record of Consultation - Supporting Documents

Filed: 2019-02-22  
EB-2019-0007  
Tab 1, Schedule 4  
Page 122 of 128

## RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

Mark Welsh [Mark.Welsh@erm.com]

**Sent:** Tuesday, September 11, 2018 11:04 AM

**To:** annette.lister@trca.on.ca

**Cc:** Matthew Scoular [Matthew.Scoular@erm.com]; Malone, Jessie M [jessie.m.malone@esso.ca]; Imperial Isometrix

Hi Annette,

Matt asked me to pass along Imperial's contingency plan to manage artesian conditions if encountered during the geotechnical work. Please see below.

"The boreholes will be advanced using hollow-stem augers. Although not anticipated, if flowing conditions are encountered during the investigation, a high density drilling mud will be placed into the borehole to counter the artesian pressure. If the artesian pressure exceeds the confining pressure of the drilling mud, we will place an additional 1.5 m vertical length of hollow-stem auger casing above grade to confine the flowing condition within the casing. Should the artesian head exceed this height, the borehole will be backfilled with cement bentonite or concrete; and,

The drilling sub-contractor will be advised in advance to be prepared for flowing artesian conditions and an experienced drilling technician will be utilized for the project."

All the best,  
Mark

**From:** Annette Lister <[annette.lister@trca.on.ca](mailto:annette.lister@trca.on.ca)>

**Sent:** Monday, September 10, 2018 3:38 PM

**To:** Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>

**Cc:** Imperial Isometrix <[Imperial-isometrix@national.ca](mailto:Imperial-isometrix@national.ca)>; Malone, Jessie M ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)) <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>

**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

Thank you, Matt.

For the proposed boreholes, do you have a contingency plan in place to manage flowing artesian conditions if encountered?

**Annette Lister**, M.A.Sc.

Planner

Environmental Assessment Planning | Planning and Development

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A: 101 Exchange Avenue, Vaughan ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | [trca.ca](http://trca.ca)

From: Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>

To: Annette Lister <[annette.lister@trca.on.ca](mailto:annette.lister@trca.on.ca)>

Cc: "Malone, Jessie M ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca))" <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>, Imperial Isometrix <[Imperial-isometrix@national.ca](mailto:Imperial-isometrix@national.ca)>

Date: 09/10/2018 03:11 PM

EXHIBIT H

Record of Consultation - Supporting Documents

Filed: 2019-02-22

EB-2019-0007

Tab 1, Schedule 4

Page 123 of 128

Subject: RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

---


Hi Annette,

Attached.

Best,

Matt Scoular

**ERM**

**M** +1 416 567 7126 

**From:** Annette Lister <[annette.lister@trca.on.ca](mailto:annette.lister@trca.on.ca)>

**Sent:** Monday, September 10, 2018 3:06 PM

**To:** Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>

**Subject:** RE: Imperial Waterdown to Finch Project - Geotechnical Investigation


Hi Matt,

Can you provide the word version of your appendix A?

**Annette Lister**, M.A.Sc.

Planner

Environmental Assessment Planning | Planning and Development

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Toronto and Region Conservation Authority (TRCA) | [trca.ca](http://trca.ca)

---

From: Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>

To: Annette Lister <[alister@trca.on.ca](mailto:alister@trca.on.ca)>

Cc: "Malone, Jessie M ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca))" <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>, Curtis Campbell <[Curtis.Campbell@erm.com](mailto:Curtis.Campbell@erm.com)>, "Imperial-isometrix@national.ca" <[Imperial-isometrix@national.ca](mailto:Imperial-isometrix@national.ca)>, "Watson, James ([James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com))" <[James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)>, "Hatch, Adam" <[adam.hatch@stantec.com](mailto:adam.hatch@stantec.com)>

Date: 08/29/2018 03:41 PM

Subject: RE: Imperial Waterdown to Finch Project - Geotechnical Investigation

---

Good afternoon Annette,


Imperial's responses to TRCA comments on the Waterdown to Finch Geotechnical Investigation are attached. I have also attached the final borehole locations for your records.

We trust that these responses adequately address TRCA comments. Please let Jessie or I know if you need to discuss anything further.

Best,

Matt Scoular

**ERM**

**M** +1 416 567 7126 

**From:** Annette Lister <[alister@trca.on.ca](mailto:alister@trca.on.ca)>

**Sent:** Wednesday, August 01, 2018 2:58 PM

**To:** Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>

**Cc:** Malone, Jessie M ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)) <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>

**Subject:** Re: Imperial Waterdown to Finch Project - Geotechnical Investigation

Hello Matthew,

Thank you for providing the borehole site and access location plans in the form of shape files for our review. It was very helpful to be able to overlay the proposed boreholes and accesses directly onto our own mapping layers. Please see the attached letter for our comments on the TRCA regulated boreholes.

Please let me know if you have any questions.

Thank you,  
Annette

**Annette Lister, M.A.Sc.**

Planner

Environmental Assessment Planning | Planning and Development

T: 416.661.6600  ext. 5266

E: [alister@trca.on.ca](mailto:alister@trca.on.ca)

A: 101 Exchange Avenue, Vaughan ON L4K 5R6

Toronto and Region Conservation Authority (TRCA) | [trca.ca](http://trca.ca)

---

From: Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>

To: "Imperial-isometrix@national.ca" <[Imperial-isometrix@national.ca](mailto:Imperial-isometrix@national.ca)>

Cc: "Malone, Jessie M ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca))" <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>, Mark Welsh <[Mark.Welsh@erm.com](mailto:Mark.Welsh@erm.com)>, Curtis Campbell <[Curtis.Campbell@erm.com](mailto:Curtis.Campbell@erm.com)>, "Watson, James ([James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com))" <[James.Watson@hii-upi.com](mailto:James.Watson@hii-upi.com)>

Date: 07/17/2018 02:54 PM

Subject: Imperial Waterdown to Finch Project - Geotechnical Investigation

---

Hi all,

Imperial's Waterdown to Finch Project Geotechnical Investigation borehole locations and access plans are attached for your review. The investigation is planned to start the end of July/early August 2018 and take approximately three months to complete. We will send our Environmental Protection Plan for the investigation shortly.

Please let me know if you need to discuss anything.

Best Regards,

EXHIBIT H

Record of Consultation - Supporting Documents

Filed: 2019-02-22

EB-2019-0007

Tab 1, Schedule 4

Page 125 of 128

Matt Scoular, M.E.S., MCIP, RPP  
Project Manager / Senior Consultant

**ERM**120 Adelaide Street West | 20<sup>th</sup> Floor | Suite 2020

Toronto, ON | Canada | M5H 1T1

T +1 416 646 3608 | M +1 416 567 7126

E [matthew.scoular@erm.com](mailto:matthew.scoular@erm.com) | W [www.erm.com](http://www.erm.com)**ERM** *The business of sustainability*

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[\[attachment "20180713 Boreholes and access roads.zip" deleted by Annette Lister/TRCA\]](#)

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[\[attachment "A.1 Borehole Investigation Submission Response Appendix A.pdf" deleted by Annette Lister/TRCA\]](#) [\[attachment "20180814 Imperial WaterdownToFinch Boreholes AccessRoads.kmz" deleted by Annette Lister/TRCA\]](#)

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## EXHIBIT H


Record of Consultation - Supporting Documents

Filed: 2019-02-22

EB-2019-0007

Tab 1, Schedule 4

Page 126 of 128


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[\[attachment "Borehole Investigation Submission Response Appendix A.docx" deleted by Annette Lister/TRCA\]](#)

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October 29, 2018

CFN 59834

**BY E-MAIL ONLY** ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca))

Jessie Malone  
Environment and Regulatory Lead  
Imperial Oil Limited  
505 Quarry Park Boulevard SE  
Calgary, AB T2C 5N1

Dear Ms. Malone:

**Re: Response to Notice of Community Information Session #1  
Imperial Oil Limited – Waterdown to Finch Pipeline Replacement  
Ontario Energy Board – Environmental Report and Leave to Construct Application  
Etobicoke-Mimico Creek and Humber River Watersheds; City of Mississauga, Regional  
Municipality of Peel; Etobicoke York and North York Community Council Areas, City of Toronto**

Toronto and Region Conservation Authority (TRCA) staff received notice of the upcoming Community Information Sessions in Toronto and Mississauga, scheduled for November 13 and 15, 2018.

Further to TRCA correspondence dated July 25, 2018, staff has expressed interest in this project. While staff will not be attending the meeting, please forward one copy of any handouts or display materials from this meeting for our files.

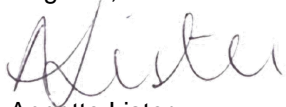
### **REVIEW FEES**

Please be advised that this application is subject to a **\$24,120.00** Environmental Assessment review fee as per our 2018 [Fee Schedule](#). Furthermore, screening and permit review fees associated with permits for borehole investigations and detailed design also apply, as indicated in a letter dated August 1, 2018 and in email correspondence dated October 23, 2018. Please note:

1. **To ensure accurate processing of your fee, please ensure your accounting department references CFN 59834 when making any payments.**
2. Payments can be made by:
  - a. Cheque: please attach the cheque to your resubmission. Alternatively, if sending separately through your accounting department, please request your accounting department submit the cheque to the attention of Rina Bhagat - Administrative Assistant, Environmental Assessment Planning, TRCA.
  - b. Credit Card: please contact Rina Bhagat at extension 5681 for payments made over the phone.
  - c. Electronic Fund Transfer: this option may be available through your accounting department.

Should you have any questions or require any additional information please contact me at extension 5266 or at [alister@trca.on.ca](mailto:alister@trca.on.ca).

Regards,



Annette Lister  
Planner, Environmental Assessment Planning  
Planning and Development

**BY E-MAIL**

cc: ERM: Jim Chan, Senior Consultant ([jim.chan@erm.com](mailto:jim.chan@erm.com))  
Matthew Scoular, Project Manager/ Senior Consultant ([matthew.scoular@erm.com](mailto:matthew.scoular@erm.com))

## Jim Chan

---

**From:** FPP.CA / PPP.CA (DFO/MPO) <fisheriesprotection@dfo-mpo.gc.ca>  
**Sent:** Wednesday, May 23, 2018 8:09 AM  
**To:** Jim Chan  
**Subject:** RE: Imperial's Waterdown to Finch Project - Notification

Dear Mr. Chan:

Thank you for the notification of Imperial's Waterdown to Finch Project. Fisheries and Oceans Canada reviews projects (works, undertakings, or activities) being conducted in or near waterbodies that support fish that are part of, or that support a commercial, recreational or Aboriginal fishery. We also review project proposals for impacts to Species at Risk. We do not review notifications for administrative processes. Please visit our Projects Near Water website at [www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html](http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html) to determine whether your project requires a review by the Department using our self-assessment process. If you determine that your project needs a review, please complete and submit a Request for Review Form to: [FisheriesProtection@dfo-mpo.gc.ca](mailto:FisheriesProtection@dfo-mpo.gc.ca). If you have any questions, contact us at: 1-855-852-8320.

Thank you,

Jessica Epp-Martindale  
Fisheries Protection Biologist  
Fisheries and Oceans Canada

Fisheries and Oceans Canada has changed the way new project proposals (referrals), reports of potential *Fisheries Act* violations (occurrences) and information requests are managed in Central and Arctic Region (Alberta, Saskatchewan, Manitoba, Ontario, Nunavut and the Northwest Territories). Please be advised that general information regarding the management of impacts to fish and fish habitat and self-assessment tools (e.g. Measures to Avoid Harm) that enable you to determine *Fisheries Act* requirements are available at DFO's "Projects Near Water" website at [www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html](http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html). For all occurrence reports, or project proposals where you have determined, following self-assessment, that you cannot avoid impacts to fish and fish habitat, please submit to [fisheriesprotection@dfo-mpo.gc.ca](mailto:fisheriesprotection@dfo-mpo.gc.ca). For general inquiries, call 1-855-852-8320.

---

**From:** Jim Chan [mailto:Jim.Chan@erm.com]  
**Sent:** May-22-18 6:51 PM  
**To:** FPP.CA / PPP.CA (DFO/MPO)  
**Cc:** Malone, Jessie M (jessie.m.malone@esso.ca); Curtis Campbell; Jim Chan; Matthew Scoular  
**Subject:** Imperial's Waterdown to Finch Project - Notification

Dear Sir or Madam – Fisheries Protection Program, Fisheries and Oceans Canada,

Attached is a notification letter regarding Imperial's upcoming Waterdown to Finch pipeline replacement project, which is a component of the Sarnia Products Pipeline (SPPL).

The Waterdown to Finch Project involves proactively replacing a segment of pipeline to deliver continued safety and reliability. This section runs from Imperial's Waterdown pump station in rural Hamilton to a terminal storage facility located in Toronto's North York area.

This letter serves as formal notification to the project, and the attached project brochure provides key information about the project, including the work timeline, government, Indigenous and community engagement efforts, construction practices, and environmental protection standards.

If you would like to learn more about the Waterdown to Finch Project, please contact us at [questions@imperialon.ca](mailto:questions@imperialon.ca) or leave a message at 416-586-1915.

A hard copy of this letter will follow by mail.

Regards,

**Jim Chan**  
Senior Consultant  
**ERM**

Richmond-Adelaide Centre  
120 Adelaide Street West  
20th floor | Suite 2010  
Toronto | ON | Canada | M5H 1T1  
T +1 416 646 3608 (office) | M +1 647 919 9474 (mobile)  
E [jim.chan@erm.com](mailto:jim.chan@erm.com) | W [www.erm.com](http://www.erm.com)



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Please visit ERM's web site: <http://www.erm.com>



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Fisheries Protection Program  
Fisheries and Oceans Canada  
867 Lakeshore Road  
Burlington, Ontario  
L7S 1A1

Dear Sir or Madam,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63-kilometres of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

The Waterdown to Finch Project is proactively replacing a segment of pipeline to deliver continued safety and reliability. The existing pipeline will continue to operate until the project is complete.

Environmental and cultural assessments will start in the spring of 2018. Subject to provincial regulatory review and receipt of all permits, Imperial anticipates construction to begin in 2019.

Most replacement work will take place in close vicinity to the existing pipeline. Imperial representatives will also be communicating with landowners where proposed activities may be taking place in the coming weeks. Over the duration of the project, we will work collaboratively and communicate proactively to minimize construction impacts.

**Please accept this letter as a formal notification of Imperial's Waterdown to Finch Project.** If you would like to learn more about the Waterdown to Finch Project, please contact us at [questions@imperialon.ca](mailto:questions@imperialon.ca) or leave a message at 416-586-1915.

In addition to the notification and project brochure, you can also visit our project website at [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch) for an overview of the proposed replacement work, including project facts, work schedule, construction practices and community engagement efforts.

Sincerely,

Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited



Imperial's Sarnia Products Pipeline

# Waterdown to Finch Project



# Continued safety and reliability: pipeline replacement from Waterdown to Finch

Imperial's Sarnia Products Pipeline is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area (GTHA). This includes a significant portion of jet fuel for Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout our region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63 kilometre section of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

## **Project highlights**

### **Working within the existing pipeline corridor:**

Most replacement work will take place in close vicinity to the pipeline.

### **Completing the Waterdown to Finch Project:**

Environmental and cultural assessments will start in the spring of 2018. Subject to provincial regulatory reviews and receiving all permits, Imperial expects to start construction in 2019. The existing pipeline will continue to operate reliably until the Waterdown to Finch Project is complete.

**Following a thorough regulatory process:** Imperial will seek approval for a Leave to Construct from the Ontario Energy Board. This includes a thorough assessment of the project's environmental effects and engagement with landowners, communities and Indigenous groups.

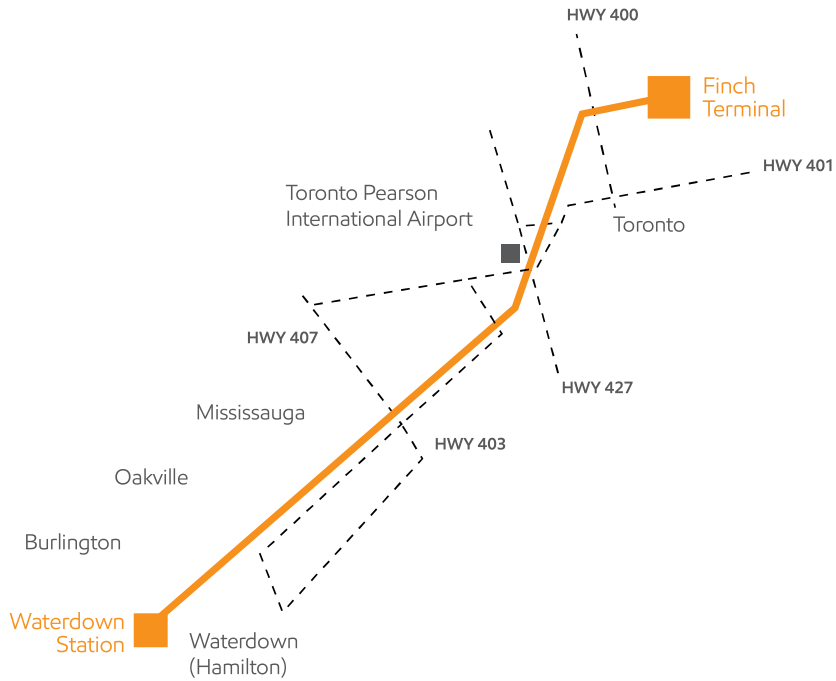
**Informing community members:** Imperial is committed to meaningful community, government and Indigenous engagement throughout the duration of the project.

**Protecting our local environment:** Imperial works to ensure the highest standards of environmental safety are observed every day. During the replacement process, Imperial will continue to work with government and regulators to protect our local environment.

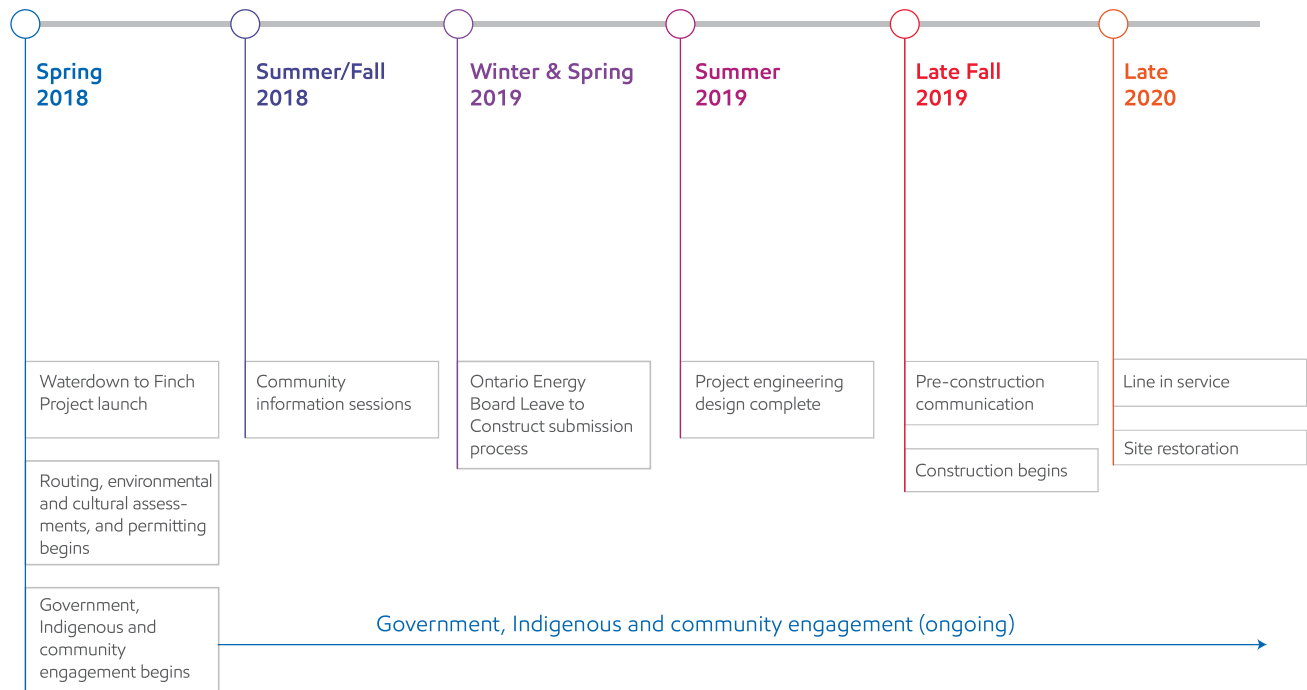
**Keeping local traffic moving:** Imperial will work closely with municipalities and residents so the impacts on traffic are as limited as possible.

**Creating jobs here in Ontario:** Imperial employs approximately 1,200 employees and up to 3,500 contractors per day in Ontario. Imperial is looking to work with local contractors and business services, including from Indigenous groups, throughout the life of the project.

## Waterdown to Finch Project location



## Work timeline\*



\* Timeline is subject to regulatory and permitting approvals

# Land, regulatory and permitting approvals

Imperial will respect all landowners' property and will seek to minimize disruptions. Imperial also recognizes the importance of collaboration with local Indigenous groups when conducting activities on their traditional territories.

Before work begins, Imperial will engage with landowners regarding access to our easements on their property. Concurrently, we will engage with Indigenous groups to understand interests and opportunities to further collaborate in the region.

In addition to landowner access and Indigenous collaborations, Imperial will require regulatory approval, permits or project approvals from the following entities listed in alphabetical order:

## Federal

- Environment and Climate Change Canada
- Fisheries and Oceans Canada
- Transport Canada

## Provincial

- Infrastructure Ontario
- Ontario Energy Board
- Ontario Ministry of Environment and Climate Change
- Ontario Ministry of Indigenous Relations and Reconciliation
- Ontario Ministry of Natural Resources and Forestry
- Ontario Ministry of Tourism, Culture and Sport

## Regional

- Conservation Halton
- Credit Valley Conservation Authority
- Hamilton Conservation Authority
- Niagara Escarpment Commission
- Toronto and Region Conservation Authority

## Municipalities (construction permitting)

- City of Burlington
- City of Hamilton
- City of Mississauga
- City of Toronto
- Town of Milton
- Town of Oakville



# Minimizing construction impacts

Imperial is working carefully with the regulator and different levels of government to plan the Waterdown to Finch Project so that construction impacts are as limited as possible.

## Routing, environmental assessments and permitting

- Engineers and environmental surveyors work together to identify a pipeline route that minimizes impact to the environment and surrounding community.
- Engineering, Indigenous technicians and environmental experts work to understand the soil, below ground conditions, vegetation, species, archaeologically sensitive sites, water crossings and environmentally sensitive areas.
- These reports will be reviewed and approved by permitting and regulatory authorities before construction begins.

## Preparing for construction

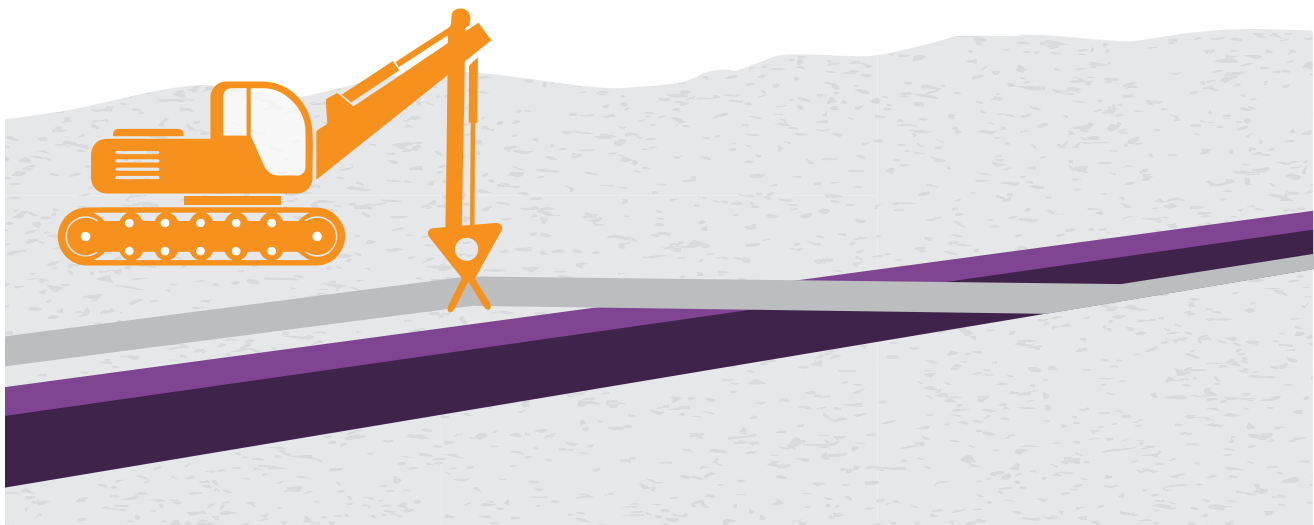
- After the engineering design plan is confirmed, multiple teams along the pipeline will mobilize for construction.
- The pipeline route will be cleared and temporary workspaces, including safety barricades, will be installed.

## Construction methods

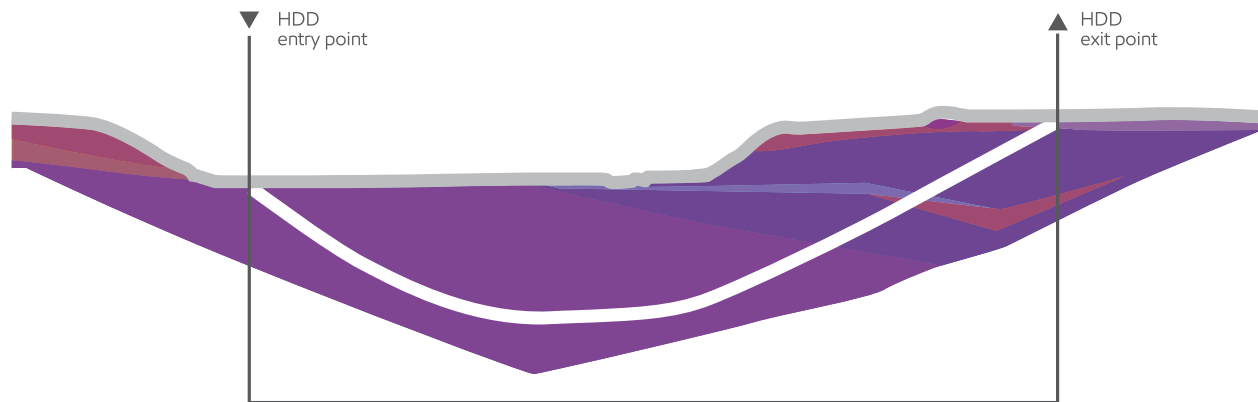
1. Open cut construction
2. Trenchless technology

Based on the engineering and environmental surveys, Imperial will perform one of two construction techniques:

### 1. Open cut construction



## 2. Trenchless technology



### 1. Open cut construction

Open cut construction is the fastest method for pipeline installation.

- Lay and bend the pipe to match contours of the land.
- Weld, test and inspect the pipe.
- Lower pipe into the trench and cover it for protection.

### 2. Trenchless technology

A horizontal directional drill (HDD) is a method of installing underground pipe using a drilling rig at the surface level. It is best used at sensitive areas, or in dense residential or commercial areas.

- Drill a hole along a designed directional path.
- Enlarge the pilot hole to a diameter suitable for installation of the pipeline.
- Pull the pipeline back into the enlarged hole.

### Commissioning/activating the new line

- The new pipeline will ultimately be connected and tied into Imperial's Waterdown Station and Finch Terminal.
- The pipeline's integrity is inspected by a hydrostatic pressure test. Once the pipe is cleaned and dried, it can be slowly filled with diesel, gasoline or jet fuel.

### Deactivation of current line

- The deactivated pipe will be removed from service, cleaned, filled with nitrogen (like what we put in our car tires), and left in place.
- Deactivation is undertaken to reduce environmental impacts (soil stability, slope stabilization and settlement issues), avoid short and long-term community construction impacts and minimize safety risk for other pipelines sharing the right-of-way.
- Imperial deactivates pipeline segments in accordance with industry best practices (Canadian Standards Association's Oil and Gas Pipeline Systems Code) and provincial regulations (*Technical Standards and Safety Act*).
- Imperial is responsible for paying for the maintenance and monitoring of this segment of deactivated pipeline.
- Imperial remains responsible for ongoing monitoring, line identification and crossing management of the deactivated line.

# Our commitment to community engagement and the environment

We appreciate the patience of our neighbours, Indigenous groups and community members as we work to enhance the long-term safety and reliability of our existing operations.

## Community engagement

In order to minimize the impact of disruption, we look to local residents to help inform solutions.

During the project period, community members will have several ways to receive information and ask questions:

- [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)
- Email: [questions@imperialon.ca](mailto:questions@imperialon.ca)
- Telephone: 416.586.1915
- Community information sessions
- Construction notices delivered a minimum of two weeks before activity begins
- Ongoing information sharing

## Protecting the local environment

- Every day, our employees work hard to safely supply fuel to keep cars, trucks and planes in our province moving.
- Our Sarnia and Nanticoke refineries play a critical role in meeting Ontario's energy needs. Since 1990, refinery sector greenhouse gas emissions in Ontario have been reduced by 32 per cent.

- In the last five years, we have spent approximately \$1.1 billion at Nanticoke and Sarnia to improve the reliability and safety of our operations.
- Sarnia and Nanticoke both achieved a number of best-ever safety and environmental performance in 2016 and 2017.
- We remain committed to operating our facilities in an environmentally responsible manner and in compliance with provincial regulations.



# Our proactive protection and preventative maintenance program

We attribute our record of safe and reliable operations to our preventative maintenance and proactive pipeline inspection programs.

We work closely with independent pipeline regulators and government permitting authorities to ensure our facilities comply with all applicable laws and regulations.

## **Focused on safety**

- Imperial's safety performance is among the best in the Canadian energy industry.
- Imperial conducts routine and frequent aerial and daily ground monitoring of the pipeline path.
- Imperial's emergency response plan prioritizes the protection of people and the environment.
- The emergency response team in Ontario is highly trained, appropriately resourced and ready to respond quickly in the unlikely event of a pipeline emergency.

## **Monitored 24 hours a day, 365 days a year**

- Our pipelines are monitored around the clock.
- Skilled workers in a dedicated control centre with access to monitoring tools can remotely shut down the pipeline and dispatch local workers to inspect the pipeline.

## **Pipeline protection measures**

- Imperial uses protected steel pipe that is coated to safeguard against external corrosion.
- Cathodic protection, a technique that uses low-voltage electric currents to curb corrosion, works with the coating to protect the pipe from external elements.
- The pipe is buried below ground to protect it from damage.
- Valves are strategically placed along the pipeline path to allow sections of the pipeline to be closed off as needed.
- Automated valves can automatically close if they sense an unexpected pressure drop or be remotely controlled by the operations centre.

## **Using innovative technologies and assessment methods**

- Industry-leading inspection tools confirm both internal and external characteristics of the steel to identify and prioritize repairs.
- Imperial will use the inspection findings to determine where a pipeline dig and visual inspection are necessary, which informs maintenance and any additional work, such as replacing a section of the pipeline.

# Imperial in Ontario: supporting economic growth

As an integrated products company, at Imperial we explore for, produce, refine and market products essential to society.

We are Canada's largest refiner, producing over 400 kilo barrels per day (kbd).

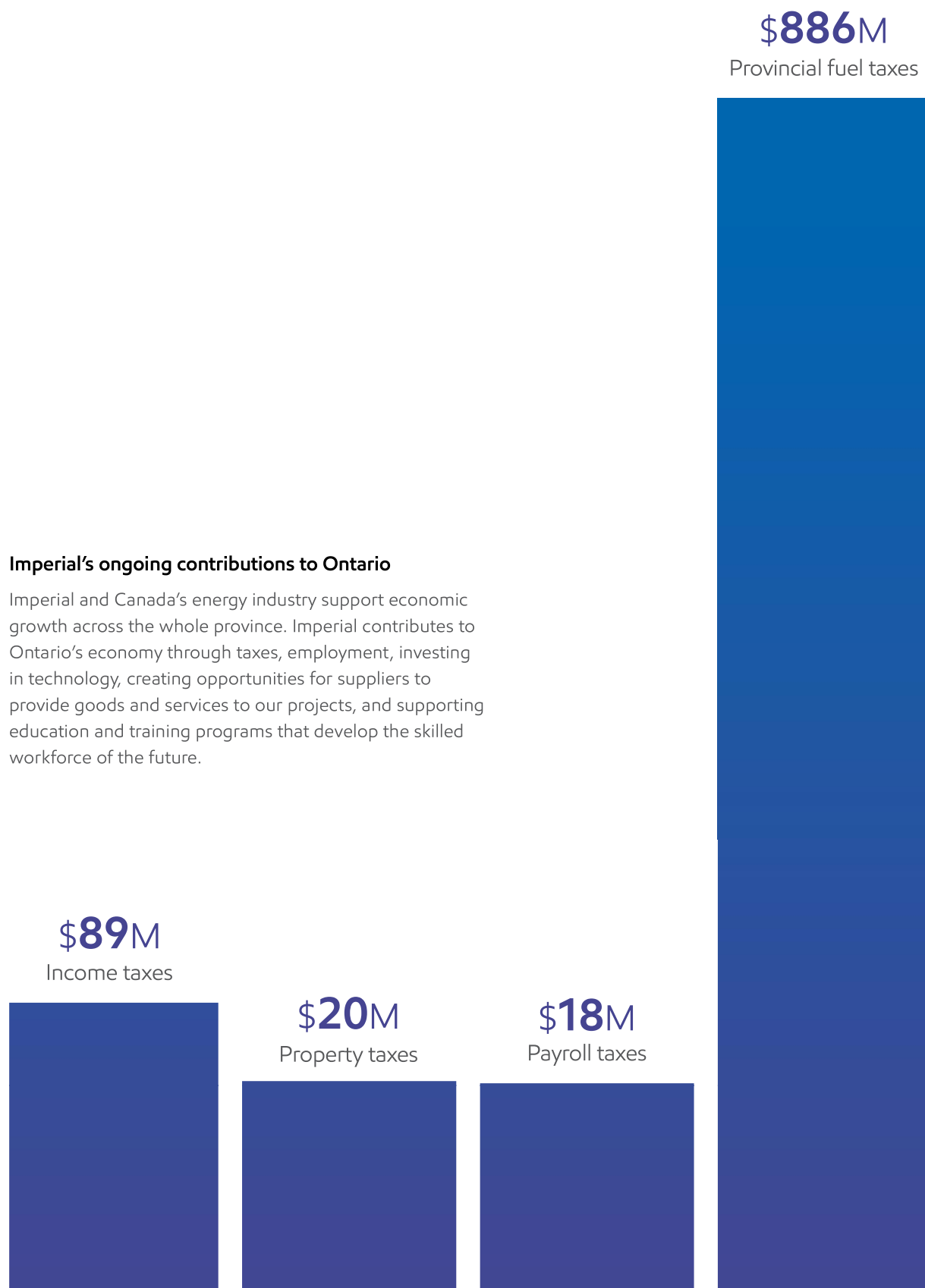
**Founded in Ontario:** As Canada's largest refiner of petroleum products, we have more than 130 years of providing Canadians with reliable energy, while supporting our economy and protecting the environment.

**Supporting Ontario households:** Imperial employs approximately 1,200 employees and up to 3,500 contractors a day in Ontario.

**Major capital projects:** Imperial continues to invest in Ontario with more than \$750 million at our two refineries in Sarnia and Nanticoke. Investments include environmental improvements, energy conservation projects, clean fuel facilities and infrastructure improvements.

**Research and development in Ontario:** Over the past decade, Imperial has invested more than \$300 million in research and development in the province.





#### Imperial's ongoing contributions to Ontario

Imperial and Canada's energy industry support economic growth across the whole province. Imperial contributes to Ontario's economy through taxes, employment, investing in technology, creating opportunities for suppliers to provide goods and services to our projects, and supporting education and training programs that develop the skilled workforce of the future.

Based on 2016 contributions

Source: Business Council of Canada 2016 Total Tax Contribution Survey.

We want to hear from you  
T: 416.586.1915  
E: [questions@imperialon.ca](mailto:questions@imperialon.ca)

**[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)**



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Rob Dobos  
Manager, Ontario Environmental Protection Operations  
Environment and Climate Change Canada  
5<sup>th</sup> Floor, 867 Lakeshore Road  
Burlington, Ontario  
L7S 1A1

Dear Mr. Dobos,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63-kilometres of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

The Waterdown to Finch Project is proactively replacing a segment of pipeline to deliver continued safety and reliability. The existing pipeline will continue to operate until the project is complete.

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**Please accept this letter as a formal notification of Imperial's Waterdown to Finch Project.** If you would like to learn more about the Waterdown to Finch Project, please contact us at [questions@imperialon.ca](mailto:questions@imperialon.ca) or leave a message at 416-586-1915.

In addition to the notification and project brochure, you can also visit our project website at [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch) for an overview of the proposed replacement work, including project facts, work schedule, construction practices and community engagement efforts.

Sincerely,

Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited



Imperial's Sarnia Products Pipeline

# Waterdown to Finch Project



# Continued safety and reliability: pipeline replacement from Waterdown to Finch

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## **Project highlights**

### **Working within the existing pipeline corridor:**

Most replacement work will take place in close vicinity to the pipeline.

### **Completing the Waterdown to Finch Project:**

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**Informing community members:** Imperial is committed to meaningful community, government and Indigenous engagement throughout the duration of the project.

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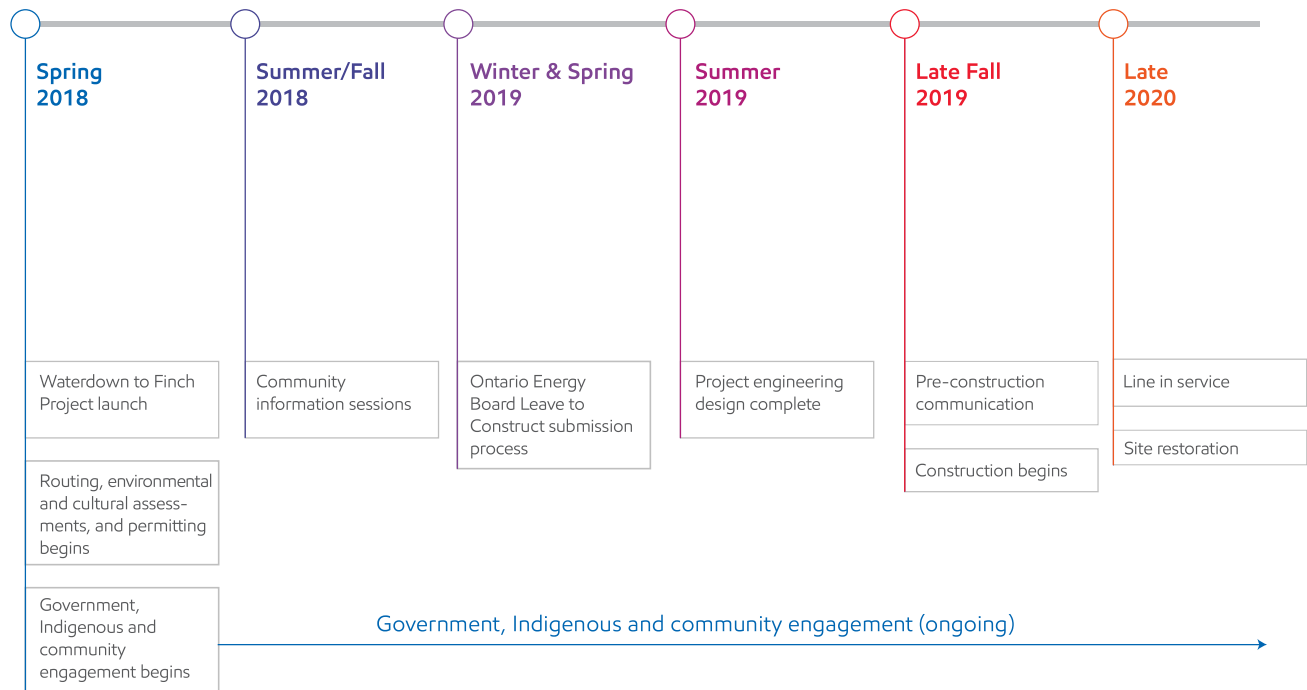
**Keeping local traffic moving:** Imperial will work closely with municipalities and residents so the impacts on traffic are as limited as possible.

**Creating jobs here in Ontario:** Imperial employs approximately 1,200 employees and up to 3,500 contractors per day in Ontario. Imperial is looking to work with local contractors and business services, including from Indigenous groups, throughout the life of the project.

## Waterdown to Finch Project location



## Work timeline\*



\* Timeline is subject to regulatory and permitting approvals

# Land, regulatory and permitting approvals

Imperial will respect all landowners' property and will seek to minimize disruptions. Imperial also recognizes the importance of collaboration with local Indigenous groups when conducting activities on their traditional territories.

Before work begins, Imperial will engage with landowners regarding access to our easements on their property. Concurrently, we will engage with Indigenous groups to understand interests and opportunities to further collaborate in the region.

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- Ontario Ministry of Indigenous Relations and Reconciliation
- Ontario Ministry of Natural Resources and Forestry
- Ontario Ministry of Tourism, Culture and Sport

## Regional

- Conservation Halton
- Credit Valley Conservation Authority
- Hamilton Conservation Authority
- Niagara Escarpment Commission
- Toronto and Region Conservation Authority

## Municipalities (construction permitting)

- City of Burlington
- City of Hamilton
- City of Mississauga
- City of Toronto
- Town of Milton
- Town of Oakville



# Minimizing construction impacts

Imperial is working carefully with the regulator and different levels of government to plan the Waterdown to Finch Project so that construction impacts are as limited as possible.

## Routing, environmental assessments and permitting

- Engineers and environmental surveyors work together to identify a pipeline route that minimizes impact to the environment and surrounding community.
- Engineering, Indigenous technicians and environmental experts work to understand the soil, below ground conditions, vegetation, species, archaeologically sensitive sites, water crossings and environmentally sensitive areas.
- These reports will be reviewed and approved by permitting and regulatory authorities before construction begins.

## Preparing for construction

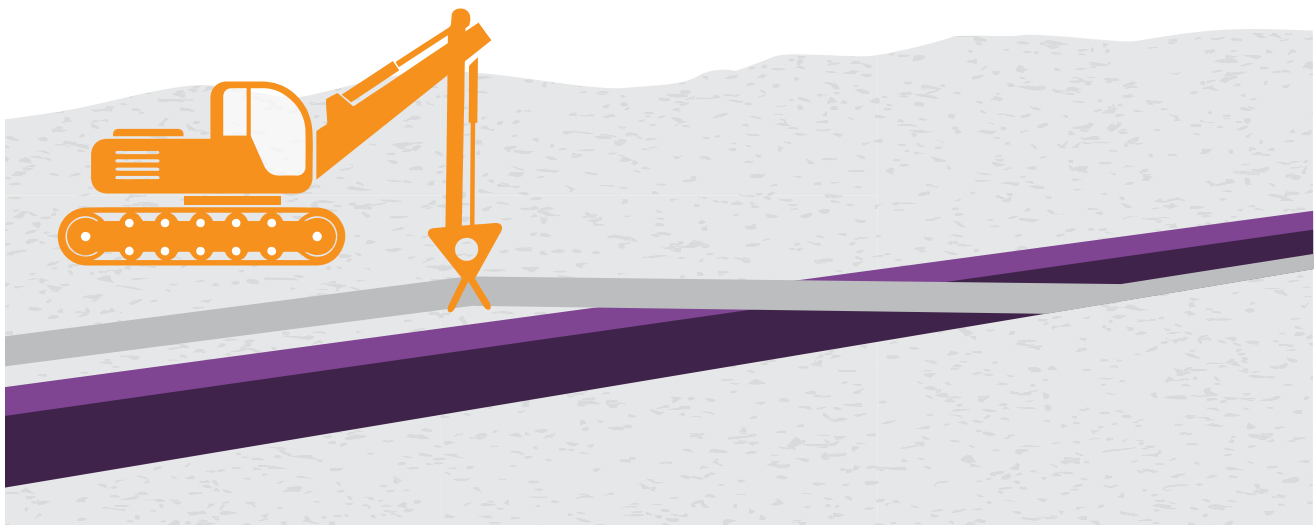
- After the engineering design plan is confirmed, multiple teams along the pipeline will mobilize for construction.
- The pipeline route will be cleared and temporary workspaces, including safety barricades, will be installed.

## Construction methods

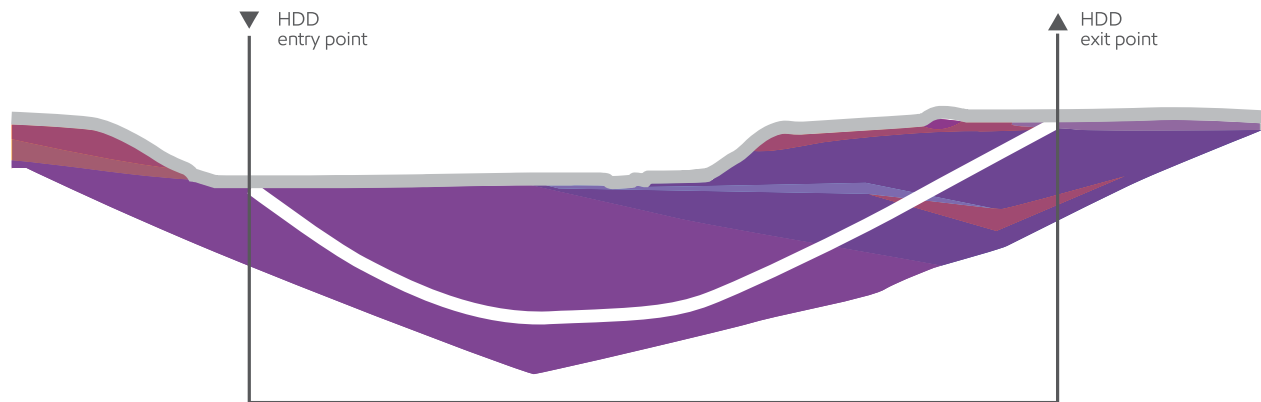
1. Open cut construction
2. Trenchless technology

Based on the engineering and environmental surveys, Imperial will perform one of two construction techniques:

### 1. Open cut construction



## 2. Trenchless technology



### 1. Open cut construction

Open cut construction is the fastest method for pipeline installation.

- Lay and bend the pipe to match contours of the land.
- Weld, test and inspect the pipe.
- Lower pipe into the trench and cover it for protection.

### 2. Trenchless technology

A horizontal directional drill (HDD) is a method of installing underground pipe using a drilling rig at the surface level. It is best used at sensitive areas, or in dense residential or commercial areas.

- Drill a hole along a designed directional path.
- Enlarge the pilot hole to a diameter suitable for installation of the pipeline.
- Pull the pipeline back into the enlarged hole.

### Commissioning/activating the new line

- The new pipeline will ultimately be connected and tied into Imperial's Waterdown Station and Finch Terminal.
- The pipeline's integrity is inspected by a hydrostatic pressure test. Once the pipe is cleaned and dried, it can be slowly filled with diesel, gasoline or jet fuel.

### Deactivation of current line

- The deactivated pipe will be removed from service, cleaned, filled with nitrogen (like what we put in our car tires), and left in place.
- Deactivation is undertaken to reduce environmental impacts (soil stability, slope stabilization and settlement issues), avoid short and long-term community construction impacts and minimize safety risk for other pipelines sharing the right-of-way.
- Imperial deactivates pipeline segments in accordance with industry best practices (Canadian Standards Association's Oil and Gas Pipeline Systems Code) and provincial regulations (*Technical Standards and Safety Act*).
- Imperial is responsible for paying for the maintenance and monitoring of this segment of deactivated pipeline.
- Imperial remains responsible for ongoing monitoring, line identification and crossing management of the deactivated line.

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We appreciate the patience of our neighbours, Indigenous groups and community members as we work to enhance the long-term safety and reliability of our existing operations.

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In order to minimize the impact of disruption, we look to local residents to help inform solutions.

During the project period, community members will have several ways to receive information and ask questions:

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- Email: [questions@imperialon.ca](mailto:questions@imperialon.ca)
- Telephone: 416.586.1915
- Community information sessions
- Construction notices delivered a minimum of two weeks before activity begins
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## Protecting the local environment

- Every day, our employees work hard to safely supply fuel to keep cars, trucks and planes in our province moving.
- Our Sarnia and Nanticoke refineries play a critical role in meeting Ontario's energy needs. Since 1990, refinery sector greenhouse gas emissions in Ontario have been reduced by 32 per cent.

- In the last five years, we have spent approximately \$1.1 billion at Nanticoke and Sarnia to improve the reliability and safety of our operations.
- Sarnia and Nanticoke both achieved a number of best-ever safety and environmental performance in 2016 and 2017.
- We remain committed to operating our facilities in an environmentally responsible manner and in compliance with provincial regulations.



# Our proactive protection and preventative maintenance program

We attribute our record of safe and reliable operations to our preventative maintenance and proactive pipeline inspection programs.

We work closely with independent pipeline regulators and government permitting authorities to ensure our facilities comply with all applicable laws and regulations.

## **Focused on safety**

- Imperial's safety performance is among the best in the Canadian energy industry.
- Imperial conducts routine and frequent aerial and daily ground monitoring of the pipeline path.
- Imperial's emergency response plan prioritizes the protection of people and the environment.
- The emergency response team in Ontario is highly trained, appropriately resourced and ready to respond quickly in the unlikely event of a pipeline emergency.

## **Monitored 24 hours a day, 365 days a year**

- Our pipelines are monitored around the clock.
- Skilled workers in a dedicated control centre with access to monitoring tools can remotely shut down the pipeline and dispatch local workers to inspect the pipeline.

## **Pipeline protection measures**

- Imperial uses protected steel pipe that is coated to safeguard against external corrosion.
- Cathodic protection, a technique that uses low-voltage electric currents to curb corrosion, works with the coating to protect the pipe from external elements.
- The pipe is buried below ground to protect it from damage.
- Valves are strategically placed along the pipeline path to allow sections of the pipeline to be closed off as needed.
- Automated valves can automatically close if they sense an unexpected pressure drop or be remotely controlled by the operations centre.

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- Industry-leading inspection tools confirm both internal and external characteristics of the steel to identify and prioritize repairs.
- Imperial will use the inspection findings to determine where a pipeline dig and visual inspection are necessary, which informs maintenance and any additional work, such as replacing a section of the pipeline.

# Imperial in Ontario: supporting economic growth

As an integrated products company, at Imperial we explore for, produce, refine and market products essential to society.

We are Canada's largest refiner, producing over 400 kilo barrels per day (kbd).

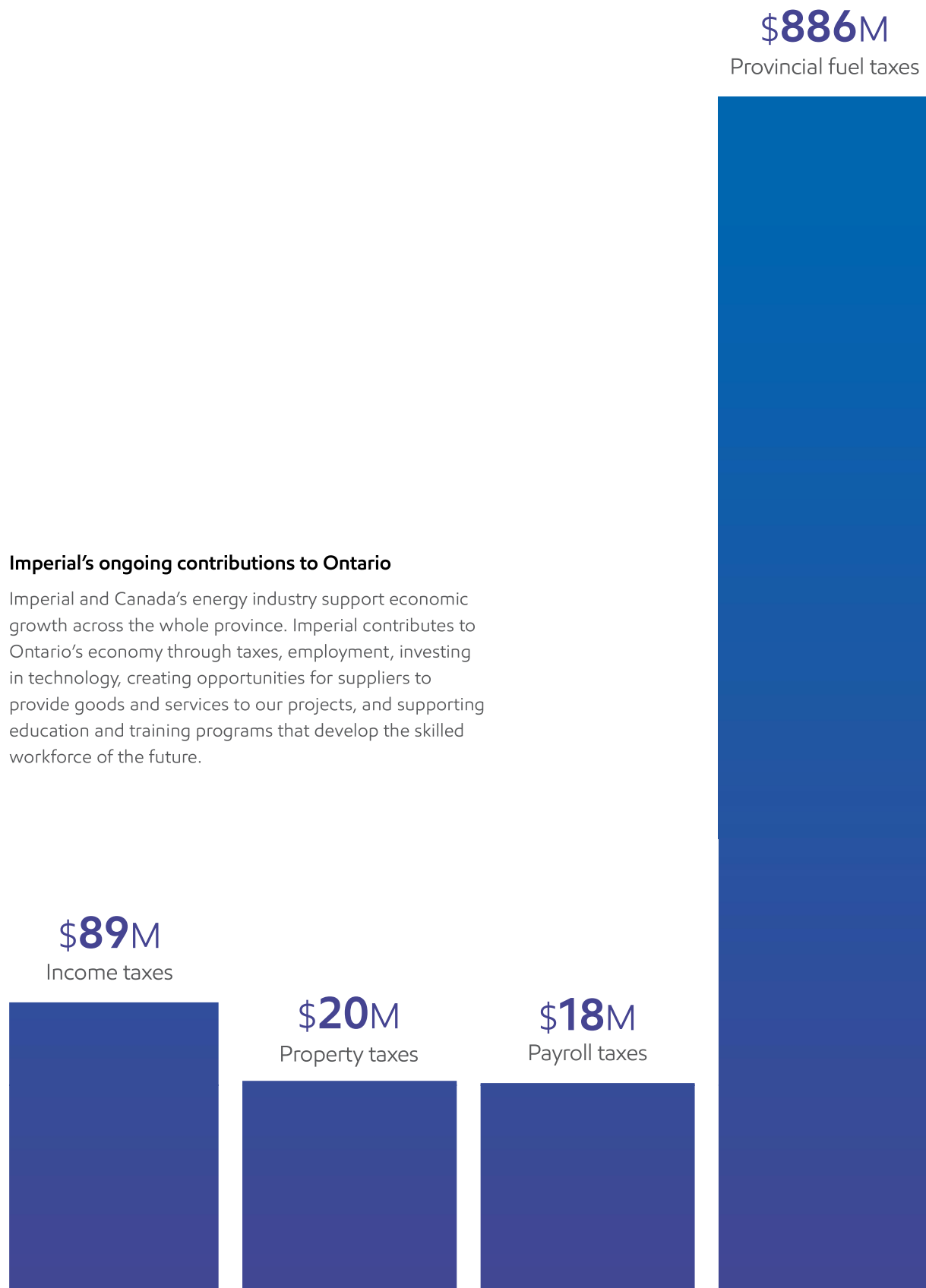
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#### Imperial's ongoing contributions to Ontario

Imperial and Canada's energy industry support economic growth across the whole province. Imperial contributes to Ontario's economy through taxes, employment, investing in technology, creating opportunities for suppliers to provide goods and services to our projects, and supporting education and training programs that develop the skilled workforce of the future.

Based on 2016 contributions

Source: Business Council of Canada 2016 Total Tax Contribution Survey.

We want to hear from you  
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E: [questions@imperialon.ca](mailto:questions@imperialon.ca)

**[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)**

## Jim Chan

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**From:** EnviroOnt <EnviroOnt@tc.gc.ca>  
**Sent:** Wednesday, May 23, 2018 12:12 PM  
**To:** Jim Chan  
**Subject:** RE: Imperial's Waterdown to Finch Project - Notification

Greetings,

Thank you for your correspondence. I am kindly requesting that Transport Canada contact Jennifer Hughes ([Jennifer.hughes@tc.gc.ca](mailto:Jennifer.hughes@tc.gc.ca)) be removed from your mailing list and replaced with this address.

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

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

Projects that will occur on federal property prior to exercising a power, performing a function or duty in relation to that project, will be subject to a determination of the likelihood of significant adverse environmental effects, per Section 67 of the *Canadian Environmental Assessment Act, 2012*.

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

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

- **Navigation Protection Act (NPA)** – the Act applies primarily to works constructed or placed in, on, over, under, through, or across scheduled navigable waters set out under the Act. The Navigation Protection Program administers the NPA through the review and authorization of works affecting scheduled navigable waters. Information about the Program, NPA and approval process is available at: <http://www.tc.gc.ca/eng/programs-621.html>. Enquiries can be directed to [NPPONT-PPNONT@tc.gc.ca](mailto:NPPONT-PPNONT@tc.gc.ca) or by calling (519) 383-1863.
- **Railway Safety Act (RSA)** – the Act provides the regulatory framework for railway safety, security, and some of the environmental impacts of railway operations in Canada. The Rail Safety Program develops and enforces regulations, rules, standards and procedures governing safe railway operations. Additional information about the Program is available at: <https://www.tc.gc.ca/eng/railsafety/menu.htm>. Enquiries can be directed to [RailSafety@tc.gc.ca](mailto:RailSafety@tc.gc.ca) or by calling (613) 998-2985.
- **Transportation of Dangerous Goods Act (TDGA)** – the transportation of dangerous goods by air, marine, rail and road is regulated under the TDGA. Transport Canada, based on risks, develops safety standards and regulations, provides oversight and gives expert advice on dangerous goods to promote public safety. Additional information about the transportation of dangerous goods is available at: <https://www.tc.gc.ca/eng/tdg/safety-menu.htm>. Enquiries can be directed to [TDG-TMDOntario@tc.gc.ca](mailto:TDG-TMDOntario@tc.gc.ca) or by calling (416) 973-1868.

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

Please advise if additional information is needed.

Thank you,

**Environmental Assessment Program**, Ontario Region

Transport Canada / Government of Canada / 4900 Yonge St., Toronto, ON M2N 6A5

[EnviroOnt@tc.gc.ca](mailto:EnviroOnt@tc.gc.ca) / Facsimile : (416) 952-0514 / TTY: 1-888-675-6863

**Programme d'évaluation environnementale**, Région de l'Ontario

Transports Canada / Gouvernement du Canada / 4900, rue Yonge, Toronto, ON, M2N 6A5

[EnviroOnt@tc.gc.ca](mailto:EnviroOnt@tc.gc.ca) / télécopieur: (416) 952-0514

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**From:** Jim Chan [<mailto:Jim.Chan@erm.com>]

**Sent:** Tuesday, May 22, 2018 6:46 PM

**To:** Hughes, Jennifer <[jennifer.hughes@tc.gc.ca](mailto:jennifer.hughes@tc.gc.ca)>

**Cc:** Malone, Jessie M ([jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)) <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>; Curtis Campbell

<[Curtis.Campbell@erm.com](mailto:Curtis.Campbell@erm.com)>; Jim Chan <[Jim.Chan@erm.com](mailto:Jim.Chan@erm.com)>; Matthew Scoular <[Matthew.Scoular@erm.com](mailto:Matthew.Scoular@erm.com)>

**Subject:** Imperial's Waterdown to Finch Project - Notification

Dear Ms. Hughes,

Attached is a notification letter regarding Imperial's upcoming Waterdown to Finch pipeline replacement project, which is a component of the Sarnia Products Pipeline (SPPL).

The Waterdown to Finch Project involves proactively replacing a segment of pipeline to deliver continued safety and reliability. This section runs from Imperial's Waterdown pump station in rural Hamilton to a terminal storage facility located in Toronto's North York area.

This letter serves as formal notification to the project, and the attached project brochure provides key information about the project, including the work timeline, government, Indigenous and community engagement efforts, construction practices, and environmental protection standards.

If you would like to learn more about the Waterdown to Finch Project, please contact us at [questions@imperialon.ca](mailto:questions@imperialon.ca) or leave a message at 416-586-1915.

A hard copy of this letter will follow by mail.

Regards,

**Jim Chan**  
Senior Consultant  
**ERM**

Richmond-Adelaide Centre  
120 Adelaide Street West  
20th floor | Suite 2010  
Toronto | ON | Canada | M5H 1T1  
**T** +1 416 646 3608 (office) | **M** +1 647 919 9474 (mobile)  
**E** [jim.chan@erm.com](mailto:jim.chan@erm.com) | **W** [www.erm.com](http://www.erm.com)



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This electronic mail message may contain information which is (a) LEGALLY PRIVILEGED, PROPRIETARY IN NATURE, OR OTHERWISE PROTECTED BY LAW FROM DISCLOSURE, and (b) intended only for the use of the Addressee (s) names herein. If you are not the Addressee(s), or the person responsible for delivering this to the Addressee (s), you are hereby notified that reading, copying, or distributing this message is prohibited. If you have received this electronic mail message in error, please contact us immediately at +1 604 689 9460 and take the steps necessary to delete the message completely from your computer system. Thank you,

Please visit ERM's web site: <http://www.erm.com>



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Jennifer Hughes  
Supervisor, Environment and Engineering  
Transport Canada  
4900 Yonge Street  
Toronto, Ontario  
M2N 6A5

Dear Ms. Hughes,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63-kilometres of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

The Waterdown to Finch Project is proactively replacing a segment of pipeline to deliver continued safety and reliability. The existing pipeline will continue to operate until the project is complete.

Environmental and cultural assessments will start in the spring of 2018. Subject to provincial regulatory review and receipt of all permits, Imperial anticipates construction to begin in 2019.

Most replacement work will take place in close vicinity to the existing pipeline. Imperial representatives will also be communicating with landowners where proposed activities may be taking place in the coming weeks. Over the duration of the project, we will work collaboratively and communicate proactively to minimize construction impacts.

**Please accept this letter as a formal notification of Imperial's Waterdown to Finch Project.** If you would like to learn more about the Waterdown to Finch Project, please contact us at [questions@imperialon.ca](mailto:questions@imperialon.ca) or leave a message at 416-586-1915.

In addition to the notification and project brochure, you can also visit our project website at [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch) for an overview of the proposed replacement work, including project facts, work schedule, construction practices and community engagement efforts.

Sincerely,

Jessie Malone  
Environmental and Regulatory Advisor  
Safety Security Health and Environment, Imperial Oil Limited



Imperial's Sarnia Products Pipeline

# Waterdown to Finch Project



# Continued safety and reliability: pipeline replacement from Waterdown to Finch

Imperial's Sarnia Products Pipeline is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area (GTHA). This includes a significant portion of jet fuel for Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout our region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63 kilometre section of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

## **Project highlights**

### **Working within the existing pipeline corridor:**

Most replacement work will take place in close vicinity to the pipeline.

### **Completing the Waterdown to Finch Project:**

Environmental and cultural assessments will start in the spring of 2018. Subject to provincial regulatory reviews and receiving all permits, Imperial expects to start construction in 2019. The existing pipeline will continue to operate reliably until the Waterdown to Finch Project is complete.

**Following a thorough regulatory process:** Imperial will seek approval for a Leave to Construct from the Ontario Energy Board. This includes a thorough assessment of the project's environmental effects and engagement with landowners, communities and Indigenous groups.

**Informing community members:** Imperial is committed to meaningful community, government and Indigenous engagement throughout the duration of the project.

**Protecting our local environment:** Imperial works to ensure the highest standards of environmental safety are observed every day. During the replacement process, Imperial will continue to work with government and regulators to protect our local environment.

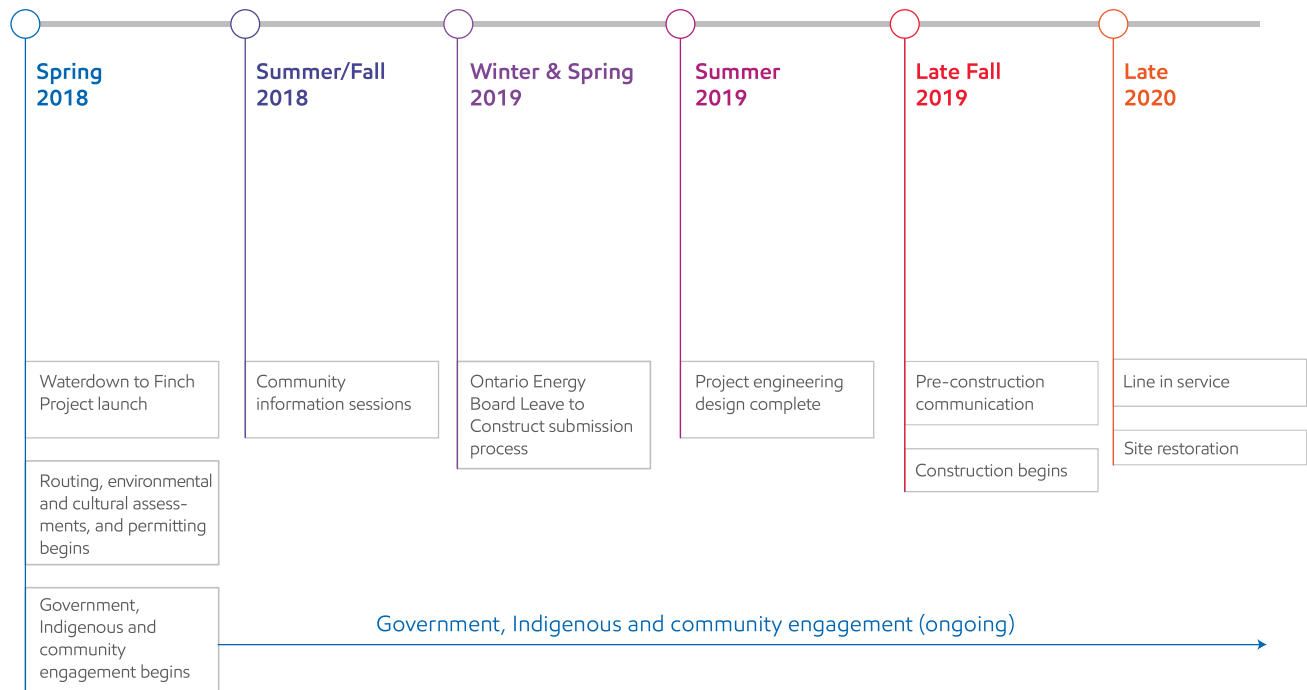
**Keeping local traffic moving:** Imperial will work closely with municipalities and residents so the impacts on traffic are as limited as possible.

**Creating jobs here in Ontario:** Imperial employs approximately 1,200 employees and up to 3,500 contractors per day in Ontario. Imperial is looking to work with local contractors and business services, including from Indigenous groups, throughout the life of the project.

## Waterdown to Finch Project location



## Work timeline\*



\* Timeline is subject to regulatory and permitting approvals

# Land, regulatory and permitting approvals

Imperial will respect all landowners' property and will seek to minimize disruptions. Imperial also recognizes the importance of collaboration with local Indigenous groups when conducting activities on their traditional territories.

Before work begins, Imperial will engage with landowners regarding access to our easements on their property. Concurrently, we will engage with Indigenous groups to understand interests and opportunities to further collaborate in the region.

In addition to landowner access and Indigenous collaborations, Imperial will require regulatory approval, permits or project approvals from the following entities listed in alphabetical order:

## Federal

- Environment and Climate Change Canada
- Fisheries and Oceans Canada
- Transport Canada

## Provincial

- Infrastructure Ontario
- Ontario Energy Board
- Ontario Ministry of Environment and Climate Change
- Ontario Ministry of Indigenous Relations and Reconciliation
- Ontario Ministry of Natural Resources and Forestry
- Ontario Ministry of Tourism, Culture and Sport

## Regional

- Conservation Halton
- Credit Valley Conservation Authority
- Hamilton Conservation Authority
- Niagara Escarpment Commission
- Toronto and Region Conservation Authority

## Municipalities (construction permitting)

- City of Burlington
- City of Hamilton
- City of Mississauga
- City of Toronto
- Town of Milton
- Town of Oakville



# Minimizing construction impacts

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- Engineers and environmental surveyors work together to identify a pipeline route that minimizes impact to the environment and surrounding community.
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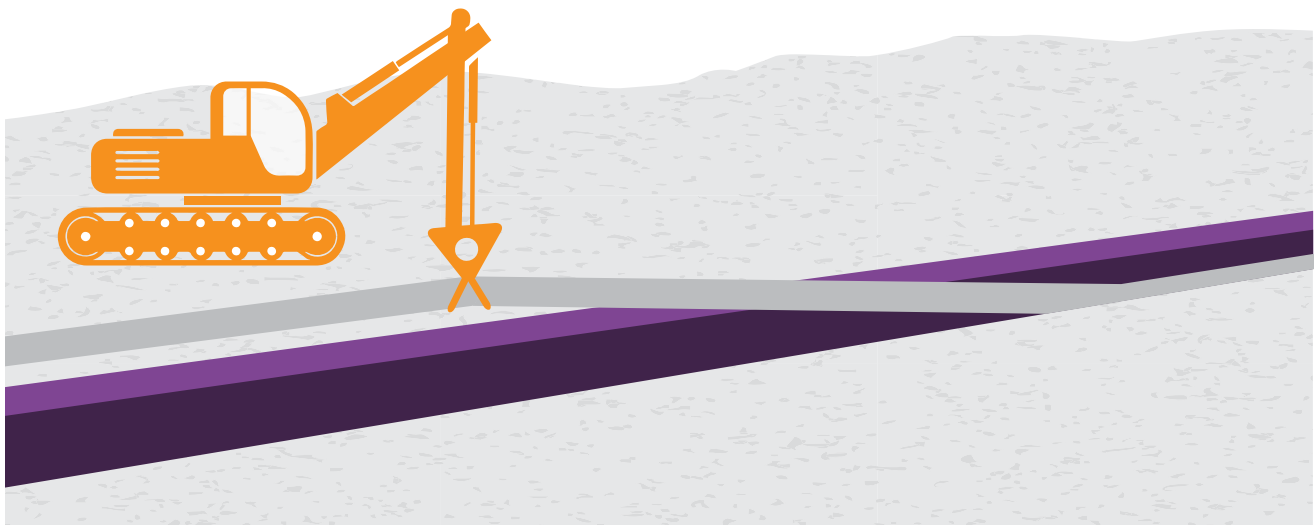
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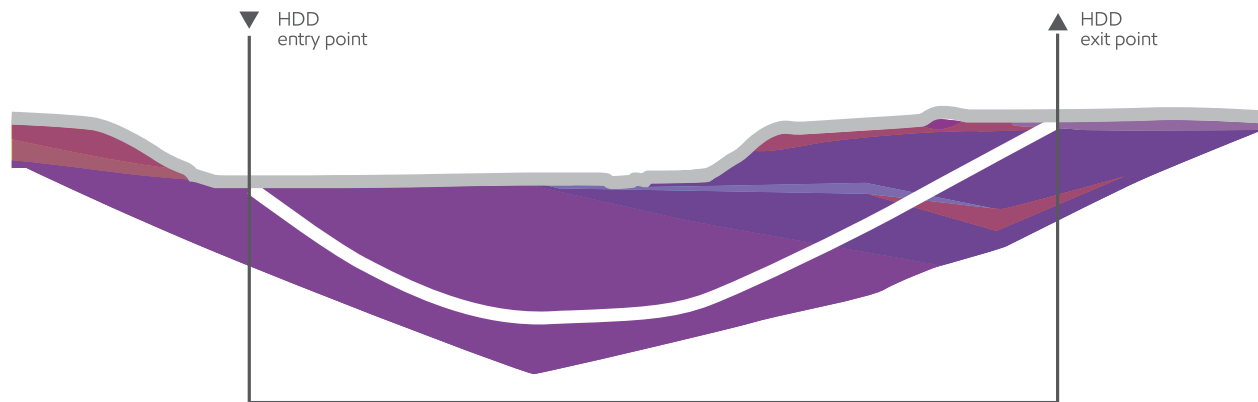
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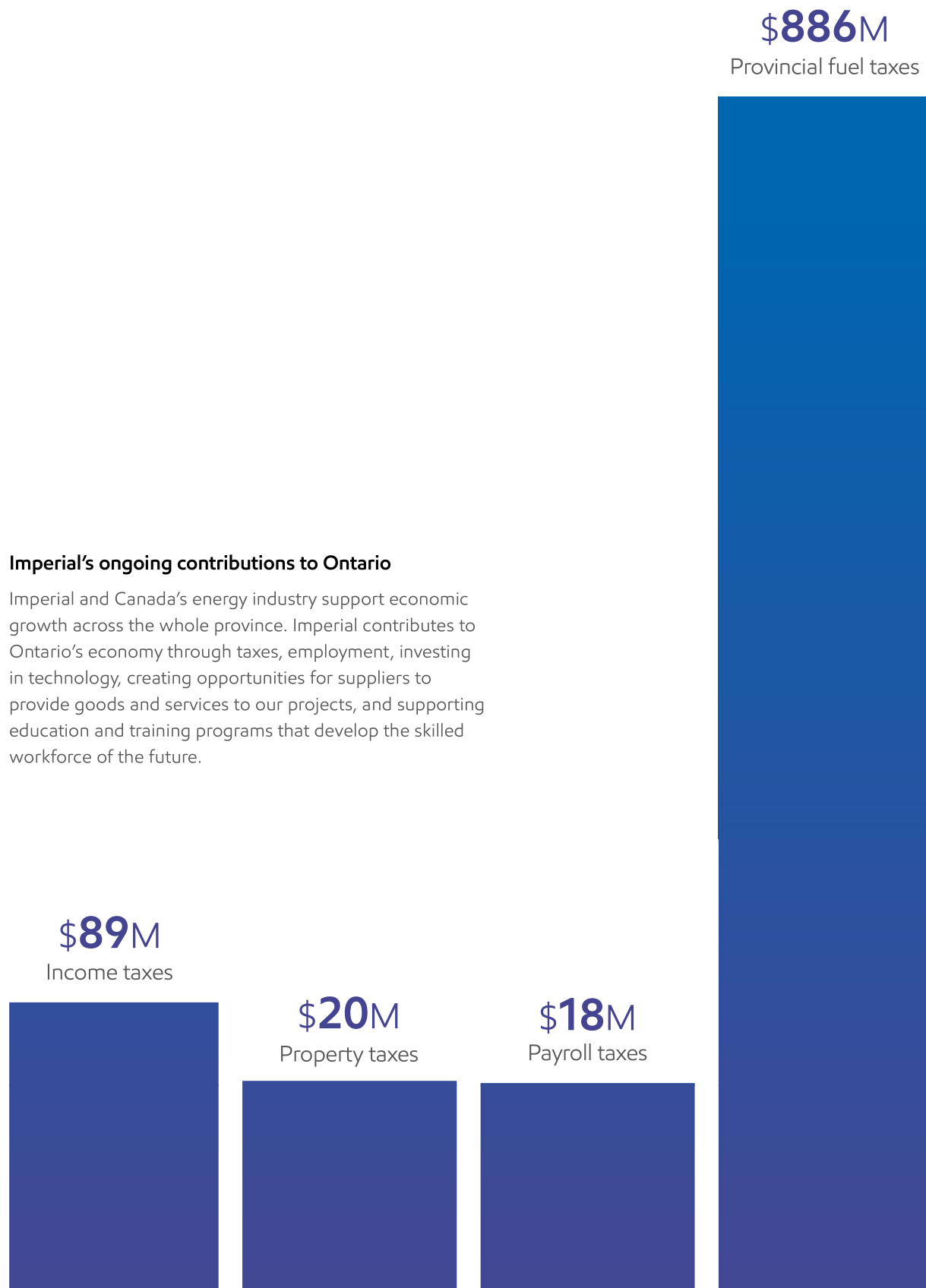
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Based on 2016 contributions

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E: [questions@imperialon.ca](mailto:questions@imperialon.ca)

**[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)**



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**November 26, 2018**  
**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Transport Canada (TC)*

- Kelly Thompson (KT), Inspection Officer  
Navigation Protection Program

*Imperial*

- Jessie Malone (JM)

*ERM*

- Matt Scoular (MS), Project Manager  
Brian Lynch (BL), Permitting Specialist

**Meeting Objectives**

- Provide an overview of Imperial's Waterdown to Finch Project
- Discuss Transport Canada requirements

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Teleconference</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Welcome, Safety Moment and Introductions</li> <li>• Meeting Objectives &amp; Agenda Review</li> <li>• Project Overview</li> <li>• Transport Canada Permitting Approach</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• None</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>• ERM (MS) introduced all participants.</li> </ul>
Project Overview	<p><b>Objectives:</b></p> <p>Provide TC with an understanding of:</p> <ul style="list-style-type: none"> <li>• the need for the Project;</li> <li>• the routing assessment already undertaken;</li> <li>• the proposed route;</li> <li>• the planned construction methods; and</li> <li>• the planned construction schedule.</li> </ul> <p><b>Discussion:</b></p> <ul style="list-style-type: none"> <li>• Imperial (JM) provided a Project overview and rationale for the Project, including the plan for the existing pipeline, construction methods, timelines, and routing.</li> </ul>
TC Permitting Approach	<p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>• describe existing <i>Navigation Protection Act</i> (NPA) approach and confirm TC's acceptance;</li> <li>• discuss upcoming changes to legislation and potential implications; and</li> <li>• solicit feedback from TC on the above.</li> </ul> <p><b>Discussion:</b></p>

Topic	Discussion
	<ul style="list-style-type: none"> <li>ERM (BL) provided a brief overview of the screening done relating to the NPA. The conclusion is no scheduled waters being crossed</li> <li>Transport Canada (KT): under existing legislation this Project does not require TC review/approval</li> <li>KT: changing legislation could change minor works order, applicability of NPA to Project/crossings</li> <li>BL: discussed opting-in to get file number and approvals on record, perhaps be grandfathered into old legislation if new legislation passes.</li> <li>KT: opt-in requests are reviewed and the threshold for accepting an opt-in is high. This Project may not be eligible for opt-in though she would consider making a recommendation to her management</li> <li>KT: as part of pre-screening services, TC will review crossing list (lat/long, crossing methods) to determine which, if any, may have navigation concerns, may be able to opt-in for those higher risk crossings to reduce risk of slow downs if/when legislation changes. <b>Action Item: ERM to submit crossing list and methods to TC.</b></li> <li>KT will complete review of crossing list in January 2019, if received in December 2018. <b>Action: KT to complete review of crossing list and methods.</b></li> <li>KT: under new legislation, there will be a public review process where all works with potential to impact navigation must be submitted for a 30-day public comment period. If comments are received an additional 45-day resolution process will occur. No construction can occur in these windows.</li> </ul>
<b>Summary of Actions</b>	
<ul style="list-style-type: none"> <li>TC requested list of crossings and crossing methods for pipeline alignment <ul style="list-style-type: none"> <li>ERM agreed to submit crossing list and methods to KT</li> </ul> </li> </ul>	BL
<ul style="list-style-type: none"> <li>Imperial requested that TC complete review of crossing list and methods and provide advice on moving file forward with TC. <ul style="list-style-type: none"> <li>TC agreed to complete review of the crossing list and methods in January 2019, provided they receive them in early-mid December 2018.</li> </ul> </li> </ul>	KT

Potential topics to record for Isometrix reporting:

- |   |   |
|---|---|
| <input type="checkbox"/> Accidents and Malfunctions                     | <input checked="" type="checkbox"/> Aquatic Resources and species |
| <input type="checkbox"/> Air Emissions and Noise                        | <input type="checkbox"/> Archaeology                              |
| <input type="checkbox"/> Alternatives                                   | <input type="checkbox"/> Community Contribution Request           |
| <input type="checkbox"/> Cultural Heritage Resources                    | <input type="checkbox"/> Groundwater                              |
| <input type="checkbox"/> Emergency Response                             | <input type="checkbox"/> Operational Issue                        |
| <input type="checkbox"/> Excavation/Damage Prevention/Pipeline Location |   |

EXHIBIT H  
Imperial  
Record of Consultation - Supporting Documents  
Waterdown to Finch Pipeline Project

November 26, 2018  
Meeting Summary Notes

Topic	Discussion
<input type="checkbox"/> Right-of-Way/ Access Agreement	<input type="checkbox"/> Traditional use
<input checked="" type="checkbox"/> Safety, Health and Environment	<input type="checkbox"/> Vegetation
<input type="checkbox"/> Socioeconomic (labour, economy, social)	<input type="checkbox"/> Wetlands
	<input type="checkbox"/> Wildlife and Habitat



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**May 11, 2018**  
**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Mississauga New Credit First Nation (MNCFN)*

- Fawn Sault (FS)
- Megan DeVries (MD), Archaeological Coordinator, Department of Consultation and Accommodation

*Imperial*

- Chris Plain (CP)
- Leanne Dohy (LD)
- Martin Bates (MB)
- Elias Majdalani (EM)
- Robert Ballinger (RB)

**Meeting Objectives**

- Early Notification to MNCFN
- Overview presentation of Imperial's Waterdown to Finch Pipeline Project (the Project)
- Discussion on MNCFN's interests in field survey work

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Meeting held at the MNCFN, Department of Consultation and Accommodation office, 4065 Hwy 6, Hagersville, ON N0A 1H0</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Overview of meeting agenda</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial: Imperial's Sarnia Products Pipeline Waterdown to Finch Powerpoint presentation May 2018</li> <li>• MNCFN: MNCFN's Standards and Guidelines for Archeology</li> <li>• <a href="http://mncfn.ca/wp-content/uploads/2018/04/MNCFN-SGs-for-Archaeology.pdf">http://mncfn.ca/wp-content/uploads/2018/04/MNCFN-SGs-for-Archaeology.pdf</a></li> </ul>
Introduction	<ul style="list-style-type: none"> <li>• MNCFN began the meeting by introducing the participants to the history of the MNCFN</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• Imperial (RB) provided a safety moment on Imperial's pipeline maintenance and integrity program. Imperial has a strong focus on safety. The record of safe and reliable operations is attributed to our preventative maintenance and proactive pipeline inspection program.</li> <li>• Monitored 24 hours a day, 365 days a year.</li> <li>• The emergency response team in Ontario is highly trained, appropriately resourced and ready to respond quickly in the unlikely event of a pipeline emergency.</li> <li>• MNCFN (MD) expects to be onsite whenever there are integrity digs.</li> <li>• Imperial (RB) acknowledged this and asked for input on other useful ways to improve communication regarding the integrity program, including doing a community history session with ROW team members.</li> <li>• MNCFN (MD) the community is particularly concerned about pipelines from the 1960s and older, as the archeological protocols were quite different then. MD indicated that</li> </ul>

Topic	Discussion
	<p>Stage 2 archaeology studies are required before integrity digs, and that the community would require FLR Monitors on-site during the field survey work.</p>
Overview	<ul style="list-style-type: none"> <li>• Imperial provided an overview of the Project.</li> <li>• Background and route of Sarnia Products Pipeline (SPPL), important infrastructure for the region.</li> <li>• Project need is driven by Imperial's maintenance and integrity program.</li> <li>• Imperial's Sarnia Products Pipeline is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area (GTHA). This includes a significant portion of jet fuel for Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout our region.</li> <li>• MNCFN (FS) asked if the Wat-Fin Project will take place in the existing pipeline corridor.</li> <li>• Imperial (MB) responded that as much as possible, most replacement work will take place in close vicinity to the existing pipeline corridor.</li> <li>• MNCFN (MD) noted that it appears the Project will required more than 25+ horizontal directional drills (HDD) under crossings.</li> <li>• Imperial (MB) clarified that not all of these are water crossings, some are roadways.</li> <li>• Imperial is working carefully to plan the Project so that construction impacts are as limited as possible. A horizontal directional drill (HDD) is a method of installing underground pipe using a drilling rig at the surface level. It is best used at sensitive areas, or in dense residential or commercial areas.</li> <li>• MNCFN (FS) asked if Imperial has been in touch with MTO, because MTO has plans for a high speed rail transportation corridor.</li> <li>• Imperial plans to notify MTO of the Project. Imperial will be required to engage various regulators, at all levels, landowners and communities to understand interests and to minimize disruptions.</li> </ul> <p>Request for Field Liaison Representative (FLR) Monitors</p> <ul style="list-style-type: none"> <li>• Imperial (EM) shared information on the environmental survey work to be carried out. EM noted that the initial environmental survey work has begun, with amphibian studies in April 2018. Additional surveys will be carried out in 2018.</li> <li>• MNCFN (FS) requested MNCFN want to be engaged in all environmental studies going forward, MNCFN Field Liaison Representatives (FLR) Monitors will be required for field survey work. MNCFN (FS) requested a list of all environmental field surveys to be carried out. FS noted that breeding bird studies would need to be done in the next few months. MD is responsible for coordinating the participation of MNCFN FLR Monitors. A contract agreement will need to be in-place before MNCFN boots on the ground for all field work surveys.</li> <li>• MNCFN (MS) indicated that she believes there is high potential for an archeological find along the Project route, and cited her experiences with the archeological needs and ensuing schedule impacts of other recent industry projects in the region.</li> </ul>

Topic	Discussion	
	<ul style="list-style-type: none"><li>MNCFN (FS), noted that FLR Monitors will be also be required for participation in construction and restoration monitoring.</li><li>Imperial acknowledged the MNCFN request and will look to accommodate this request.</li><li>The start of the FLR Monitor participation was not finalized. However, it was decided by the meeting participants that Imperial will participate in the upcoming June 15 MNCFN community session.</li></ul>	
Summary of Actions		Who
<ul style="list-style-type: none"><li>Imperial to accommodate MNCFN’s request for Field Liaison Representative (FLR) Monitors for environmental field survey work.</li><li>Imperial and MNCFN to establish an agreement to deliver participation of FLR Monitors on environmental field survey work. Imperial will provide MNCFN with a list of upcoming field work.</li></ul>		CP
<ul style="list-style-type: none"><li>MNRF shared MNCFN’s Standards and Guidelines for Archeology. This will be provided to Imperial’s archaeology consultant.</li></ul>		CP
<ul style="list-style-type: none"><li>Imperial and MNCFN agreed to host a community session on June 15, 2018 to introduce the Project.</li></ul>		CP
<ul style="list-style-type: none"><li></li></ul>		
<ul style="list-style-type: none"><li></li></ul>		
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**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Fawn Sault  
Department of Consultation & Accommodation  
Mississaugas of the New Credit First Nation  
4065 Highway 6  
Hagersville, Ontario  
N0A 1H0

Dear Ms. Sault,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63-kilometres of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

The Waterdown to Finch Project is proactively replacing a segment of pipeline to deliver continued safety and reliability. The existing pipeline will continue to operate until the project is complete.

Environmental and cultural assessments will start in the spring of 2018. Subject to provincial regulatory review and receipt of all permits, Imperial anticipates construction to begin in 2019.

Most replacement work will take place in close vicinity to the existing pipeline. Imperial representatives will also be communicating with landowners where proposed activities may be taking place in the coming weeks. Over the duration of the project, we will work collaboratively and communicate proactively to minimize construction impacts.

**Please accept this letter as a formal notification of Imperial's Waterdown to Finch Project. Imperial would like to schedule a meeting to discuss the Waterdown to Finch Project, share information and answer questions.** If you would like to learn more about the Waterdown to Finch Project, please contact us at [questions@imperialon.ca](mailto:questions@imperialon.ca) or leave a message at 416-586-1915.

In addition to the project brochure and meeting offer, you can also visit our project website at [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch) for an overview of the proposed replacement work, including project facts, work schedule, construction practices and community engagement efforts.

We look forward to connecting.

Sincerely,

Christopher Plain  
Indigenous Relations Lead – Ontario Region  
Imperial Oil Limited



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**MNCFN Proponent's Open House Community Event**  
**June 15, 2018**  
**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

- Community members of the Mississaugas of the New Credit First Nation (MNCFN)

*Imperial*

- Robert Ballinger, Area Manager, East Canada, Canada Fuel Operations (RB)
- Chris Plain, Indigenous Relations Lead - Ontario Region (CP)
- Leanne Dohy, Socio-economic Advisor (LD)
- Jessie Malone, Environmental and Regulatory Advisor (JM)
- Chad Hughes (CH), Canada Fuel Operations
- Ian Munro (IM), Canada Fuel Operations

*ERM*

- Curtis Campbell, Project Director (CC)
- Jim Chan, Senior Consultant (JC)

**Meeting Objectives**

- On a quarterly basis, MNCFN holds a Proponent's Open House Community Event with a BBQ, bouncy castle for kids, and informal tents and display booths. The objective is to introduce community members to projects and initiatives of invited companies and municipalities.

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>Held in front of the Department of Consultation and Accommodation (DOCA) at MNCFN, 4065 Ontario Route 6, Hagersville, ON N0A 1H0</li> </ul>
Materials	<ul style="list-style-type: none"> <li>Imperial poster display boards</li> <li>Imperial Waterdown to Finch Project brochure</li> </ul>
Overview	<ul style="list-style-type: none"> <li>The following were topics of conversation with community members at the Imperial poster display boards organized by topic. An estimate of 100 community members in attendance. An estimate of 30+ people stopped by the booth and an estimate of 15 individuals spoke to Project team representatives.</li> <li>Companies and municipalities in attendance included: Imperial Oil Limited, Walker Industries, Hydro One, City of Brantford, City of Toronto (Waterfront Toronto), Infrastructure Ontario (Realty Section - archaeology work for Court House)</li> </ul>
Operations/ Spills	<p>What about the potential for spills? Who is responsible?</p> <ul style="list-style-type: none"> <li>Imperial is taking proactive safety measures to prevent spills. We have a robust Emergency Response Plan. Regulations and government oversight dictate how we prepare for and respond to a potential pipeline spill. We would be responsible for</li> </ul>

Topic	Discussion
	<p>cleaning up and mitigating damages. Imperial has proactive safety measures. We use in-line inspection tools, which are sent from one side of the line to the other and measures the inside diameter of the pipeline and assesses the integrity of the line.</p> <ul style="list-style-type: none"> <li>• Fly the line every week; portions that can't be flown are ground patrolled.</li> <li>• Entire line walked in a periodic frequency.</li> <li>• Monitored 24 hours a day, 365 days a year. In the unlikely event of a spill, the line will be shutdown immediately. We would implement the Emergency Response Plan, evaluate the hazards and risks, protect property, protect waterways and wildlife, coordinate the emergency response and clean up the site.</li> <li>• Emergency Preparedness -- While we manage our business with the goal of preventing incidents, we are prepared for emergencies should they occur and can respond quickly, effectively and with care to emergencies or incidents resulting from our operations. In addition to responding quickly and effectively, we cooperate with industry organizations and authorized government agencies if an incident occurs. Each Imperial site worldwide has an emergency preparedness &amp; response plan. Employees prepare themselves through training, simulations and drills. Imperial believes that environmental responsibility also means maintaining a strong capability to respond to operational emergencies, should they occur. We place great emphasis on preparing to respond quickly and effectively to mitigate the impact of incidents. The Canada Fuels Operating business has trained teams that are routinely tested against a range of scenarios including product spills, fires, explosions, natural disasters, and security incidents.</li> </ul>
Deactivation of pipeline	<p>Why are you not pulling out the pipeline? What is the pipeline material made of?</p> <ul style="list-style-type: none"> <li>• Imperial responded that the pipeline is made of steel. The current pipeline will be deactivated and removed from service. It will be cleaned, filled with nitrogen, maintained with cathodic protection, and monitored and left in place in accordance with regulatory requirements. The existing pipeline corridor has other buried infrastructure that is in close proximity. Deactivation is undertaken to reduce environmental impacts (soil stability, slope stabilization, settlement issues and potential impacts to other infrastructure).</li> </ul>
Operations/ Spills	<p>Have you had any problems with the line? Why are you replacing it? How long is the replacement pipeline segment? Where is the refinery?</p> <ul style="list-style-type: none"> <li>• The current line is over 50+ years old. As part of Imperial's proactive maintenance program, the 63 kilometre pipeline segment replacement is to provide continued safe operations of the line. Replacement is like for like, meaning 12" in diameter pipe for new 12" pipe.</li> <li>• Refinery is in Sarnia. The pipeline carries refined products such as jet fuel, gasoline, diesel that is used in the Greater Toronto and Hamilton Area.</li> </ul>
Indigenous Monitors	<p>Are there MNCFN Field Liaison Representative (FLR) Monitors involved?</p> <ul style="list-style-type: none"> <li>• Subsequent to the MNCFN Proponent's Open House, agreement finalized for FLR Monitors to participate in and observe field work.</li> </ul>

Topic	Discussion
Community Benefits	<p>Does Imperial have scholarships?</p> <ul style="list-style-type: none"> <li>Yes, we are open to having discussions on this topic with the community.</li> </ul>
Operations	<p>Is it refined product? Does it cross the border? Where is the refinery?</p> <ul style="list-style-type: none"> <li>Yes, the pipeline carries refined products such as jet fuel, gasoline, diesel that is used in the Greater Toronto and Hamilton Area.</li> <li>No, the pipeline is within Ontario and does not cross a provincial or international boundary.</li> <li>Refinery is in Sarnia.</li> </ul>
Operations/ Indigenous Monitors	<p>How old is the pipeline? Do you have FLR Monitors? Standards 50 years ago for archaeology is not as good as now. Important that archaeology standards are in place.</p> <ul style="list-style-type: none"> <li>The current line is over 50+ years old. Yes, we have FLR Monitors to participate and observe upcoming field work. We want to be respectful of procedures and protocols. We acknowledge that archaeology standards not the same as present. We will work with the MTCS and MNCFN on the archaeology work.</li> </ul>
Operations/ Spills	<p>What's wrong with the old one? Has it leaked? What is it made out of?</p> <ul style="list-style-type: none"> <li>The current line is over 50+ years old. As part of Imperial's proactive maintenance program, the 63 kilometre pipeline segment replacement is to provide continued safe operations of the line. Replacement is like for like, meaning 12" for 12".</li> <li>The pipeline is made out of steel.</li> </ul>
Operations/ Spills	<p>Are you replacing the whole line? What's wrong with the line? Has line given you any problems?</p> <ul style="list-style-type: none"> <li>This is part of proactive safety maintenance to replace a 63-kilometre segment from Waterdown Station in rural Hamilton to Finch Station in Toronto North York area.</li> <li>The current line is aging and is important infrastructure that requires replacement.</li> </ul>
Indigenous Monitors	<p>Are there MNCFN Field Liaison Representative (FLR) Monitors involved? My kids are involved as FLR Monitors.</p> <ul style="list-style-type: none"> <li>Subsequent to the MNCFN Proponent's Open House, agreement finalized for FLR Monitors to participate and observe field work.</li> </ul>
Topic	<p>What's in this for MNCFN?</p> <ul style="list-style-type: none"> <li>As part of Imperial's proactive maintenance program, this is a pipeline segment replacement is to provide continued safe operations of the line. There are opportunities and we would look to the community to drive the discussion, in addition to the work we are doing with the work force development initiative and Inspire.</li> </ul>
	<p>I'm concerned about spills. What are you doing to protect from spills? Have you had a spill? Protecting the water is important to me and for future generations.</p> <ul style="list-style-type: none"> <li>Protecting water, property, wildlife, and the environment is important to us too.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>Imperial is taking proactive safety measures to prevent spills. We have a robust Emergency Response Plan. Regulations and government oversight dictate how we prepare for and respond to a potential pipeline spill. We use in-line inspection tools, which are sent from one side of the line to the other and measures the inside diameter of the pipeline and assesses the integrity of the line.</li> <li>Fly the line every week, those portions that can't be flown are ground patrolled.</li> <li>Entire line walked in a periodic frequency.</li> <li>Monitored 24 hours a day, 365 days a year. In the unlikely event of a spill, the line will be isolated and shutdown immediately. We would implement the Emergency Response Plan, evaluate the hazards and risks, protect property, protect waterways and wildlife, coordinate the emergency response and clean up the site.</li> <li>Emergency Preparedness -- While we manage our business with the goal of preventing incidents, we are prepared for emergencies should they occur and can respond quickly, effectively and with care to emergencies or incidents resulting from our operations. In addition to responding quickly and effectively, we cooperate with industry organizations and authorized government agencies if an incident occurs. Each Imperial site worldwide has an emergency preparedness &amp; response plan. Employees prepare themselves through training, simulations and drills. Imperial believes that environmental responsibility also means maintaining a strong capability to respond to operational emergencies, should they occur. We place great emphasis on preparing to respond quickly and effectively to mitigate the impact of incidents. The Canada Fuels Operating business has trained teams that are routinely tested against a range of scenarios including product spills, fires, explosions, natural disasters, and security incidents.</li> </ul>

Potential topics to record for Isometrix reporting:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Accidents and Malfunctions                     | <input type="checkbox"/> Aquatic Resources and species   |
| <input type="checkbox"/> Air Emissions and Noise                                   | <input checked="" type="checkbox"/> Archaeology          |
| <input type="checkbox"/> Alternatives  | <input type="checkbox"/> Community Contribution Request  |
| <input type="checkbox"/> Cultural Heritage Resources                               | <input type="checkbox"/> Groundwater                     |
| <input checked="" type="checkbox"/> Emergency Response                             | <input checked="" type="checkbox"/> Operational Issue    |
| <input checked="" type="checkbox"/> Excavation/Damage Prevention/Pipeline Location |  |
| <input type="checkbox"/> Right-of-Way/Access Agreement                             | <input type="checkbox"/> Traditional use                 |
| <input checked="" type="checkbox"/> Safety, Health and Environment                 | <input type="checkbox"/> Vegetation                      |
| <input type="checkbox"/> Socioeconomic (labour, economy, social)                   | <input type="checkbox"/> Wetlands                        |
|  | <input checked="" type="checkbox"/> Wildlife and Habitat |



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**July 19, 2018**  
**Meeting with MNCFN Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Mississauga New Credit First Nation (MNCFN)*

- Megan DeVries (MD), Archaeological Operations Supervisor, Department of Consultation and Accommodation
- Peter Epler, Field Archaeologist (PE)

*Imperial*

- Chris Plain, Indigenous Relations Lead – Ontario Region (CP)
- Kelly Williams, Indigenous Relations (KW)
- Leanne Dohy, Socio-economic Advisor (LD)
- Jessie Malone, Environment and Regulatory Advisor (JM)

*ERM*

- Jim Chan, Senior Consultant (JC)

*Past Recovery*

- Brenda Kennett, Archaeologist (BK)

**Meeting Objectives**

- Overview presentation of Imperial's Waterdown to Finch Project (the Project)
- Discussion on archaeology field work

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Meeting held at the MNCFN, Department of Consultation and Accommodation office, 4065 Hwy 6, Hagersville, ON N0A 1H0</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Welcome</li> <li>• Introductions</li> <li>• Safety Moment</li> <li>• Overview of Waterdown to Finch Project</li> <li>• Overview of Archaeology Planning</li> <li>• Archaeology Draft Stage 1 Results</li> <li>• Planned Stage 2 Methods</li> <li>• Geotechnical Assessment</li> <li>• Meeting Adjourned</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's Sarnia Products Pipeline Waterdown to Finch Powerpoint presentation July 2018</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>• Imperial (CP) opened the discussion by thanking everyone for the opportunity to meet again. We know you are very busy with the various projects that you are involved in. We appreciate the time that you have taken. We have been here previously to discuss the Waterdown to Finch Project. Thank you for accommodating the time with us again. We wanted to bring Past Recovery to meet with you, to make the connection and have an informal discussion on archaeology planning.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>•</li> </ul>
Project Overview	<ul style="list-style-type: none"> <li>• Imperial (JM) provided a Project overview. Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.</li> <li>• SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA)</li> <li>• SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline and diesel that keeps people, goods and services moving.</li> <li>• SPPL has operated in the region for many years. It has been in operation since the 1950s. The line is ~65 years old and as a proactive measure, Imperial is planning to replace approximately 63 km of the 12" line with new 12" pipe. The pipeline will continue to operate until the replacement segments are prepared for operation. The existing line will be cleaned, tested and deactivated in-place.</li> <li>• Imperial has initiated discussions with the Ontario Energy Board (OEB). The major regulatory process will be the filing of the leave to construct application with the OEB.</li> <li>• Imperial has kicked off engagement with regulators, landowners and Indigenous communities. At the same time, we have initiated the engineering design process. As a result of our early engagement, we look to incorporate feedback into the project design process.</li> <li>• We have started environmental field surveys to capture the field work during the seasonal windows. Field work is planned for summer and fall. Archaeology field work is timed for the summer/fall.</li> <li>• Overview of timelines (as described in the PowerPoint presentation), Spring 2018 project launch; Summer/Fall 2018 Community Information Sessions; Winter/Spring 2019 submission to OEB; Summer 2019 engineering design complete; Late Fall 2019 pre-construction communication. 2020 is the potential start date.</li> <li>• Monitored 24 hours a day, 365 days a year. The western portion of the line is flown every week; eastern portions that cannot be flown are ground patrolled daily.</li> <li>• There are two proposed types of construction methods: open cut construction and trenchless Horizontal Direction Drilling (HDD). JM indicated that notionally, HDD is planned for ~1/3 of the total line replacement. Construction method will be informed by geotechnical information and environmental considerations. Imperial will look to avoid major watercourses, major road crossings, provincially significant wetlands and important archaeological features by using HDD.</li> <li>• Imperial (JM) explained that the current pipeline will remain in operation until the new line is constructed, tested and put into service. The old pipeline will be deactivated and removed from service. It will be cleaned, filled with nitrogen (inert gas to detect pressure monitoring), maintained with cathodic protection, and monitored and left in place. Deactivation is proposed instead of removal to reduce impacts as there are other pipelines and infrastructure owned by other companies operating in the same corridor.</li> </ul>
Archaeological Assessment	<ul style="list-style-type: none"> <li>• Past Recovery (BK) provided a quick overview of the firm and archaeology experience in Ontario.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>• BK provided an overview of the archaeological assessment planning. Draft Stage 1 report for the corridor is nearly complete pending final review. Imperial plans to provide to Indigenous communities for review and comment as well as to the MTCS.</li> <li>• BK noted that the western part of the corridor is mainly rural and the eastern part is more industrial/commercial/residential. ~2/3 of the corridor is on the existing Hydro One (HONI) corridor.</li> <li>• BK confirmed that through the Stage 1 review much of the study corridor contains archaeological potential for both pre-Contact and post-Contact archaeological resources.</li> <li>• BK confirmed that sections exhibiting areas of extensive subsurface disturbance and therefore no longer hold potential were identified in Stage 1.</li> <li>• BK confirmed that some sections have been subject to previous archaeological assessments that have cleared these areas of archaeological concerns.</li> <li>• BK confirmed that 11 registered archaeological sites were identified within, or in close proximity, to the project area including the Parsons site (AkGv-8).</li> <li>• BK stated that lands associated with the Niagara Escarpment and 15 major river crossings are considered to have a high potential for Indigenous archaeological sites;</li> <li>• BK stated that the land use history produced in the draft report has been informed by the archaeological record from a settler perspective. Imperial is seeking input from First Nations regarding your community's land use history and cultural narrative in order to provide a more inclusive context for the project. Imperial is also seeking advice on cultural places of concern to your community that may not have been identified in the draft Stage 1 report so that appropriate procedures and protocols are followed as the project progresses.</li> <li>• BK noted that communities with an interest in the project area are anticipated to include the following: <ul style="list-style-type: none"> <li>• Mississaugas of the New Credit First Nation</li> <li>• Six Nations of the Grand River</li> <li>• Huron-Wendat Nation</li> <li>• Haudenosaunee Development Institute</li> </ul> </li> <li>• Communities will have an opportunity to review and comment on the draft Stage 1 assessment report. Field Monitors will be included in the Stage 2 archaeological fieldwork.</li> <li>• BK noted that the proposed Stage 2 methodology and plan is comprehensive. Assessment of all areas of archaeological potential within the corridor will involve test pit shovel testing at 5 m intervals or field ploughing and surveying.</li> <li>• In addition to the Stage 2 archaeology fieldwork for the line, the trenchless HDD design methods require geotechnical assessment. Geotechnical assessment will start in the summer. We have met with the MTCS to confirm the archaeology pre-clearance requirements to support the geotechnical borehole investigation program.</li> <li>• There are approximately, 140 proposed geotechnical borehole locations to support the project, of which ~97 are located within areas of archaeological potential. Stage 2 testing at borehole locations in areas of archaeological potential will include the excavation of 1 to 4 test pits. Field monitors would be involved in this archaeology work.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>MNCFN (MD) noted that the MNCFN have over 45 FLR Monitors.</li> <li>MNCFN (PE) noted that archaeology assessment should be done on temporary access alignments to the corridor.</li> <li>Imperial confirmed that the access for construction has not yet been defined, but will be considered for archaeology based on Stage 1 results. Added that MTCS confirmed they do not require assessment along access to geotech locations due to lightweight equipment only being used.</li> <li>MNCFN (PE) asked if within the corridor, does Imperial have a strategy to intensify archaeological assessment at key areas.</li> <li>BK explained that test pits at borehole locations in proximity to known sites (e.g. the Parsons site) will be preceded by an intensification of a 1 x 1 m unit at each borehole location to avoid potential impacts.</li> <li>MNCFN (PE) asked if Imperial plans to drill underneath all 11 sites identified in Stage 1? Imperial confirmed that only some of these sites are planned to be drilled currently, but drilling scope will be informed by the results of the Stage 2 assessment.</li> <li>MNCFN (PE) asked how Imperial plans to deal with finding artifacts in previously disturbed areas? Their experience has been to treat these finds with CHVI, and MNCFN places value in recovering artifacts even in a disturbed state.</li> <li>BK stated that this will be dealt with on a case by case basis and Imperial will need to develop protocols with MNCFN.</li> <li>MNCFN (MD) asked what is Imperial's approach if behind schedule. MNCFN stressed that archaeological work will take time to properly mitigate and the work needs to be done well. There is a high likelihood of archaeological features in this area based on our experience working with other pipeline proponents.</li> <li>Imperial (JM) responded that we appreciate the feedback. Imperial confirmed that regardless of schedule pressures, Imperial expects archaeologists and Field Monitors to maintain a standard of work consistent with the MTCS standards and Imperial would not ask consultants or Field Monitors to work beyond their means. If required, Imperial will bring on more resources, after ensuring they can also meet the expected standards of quality.</li> <li>MNCFN (MD) expressed concerns about drilling underneath archaeological sites, specifically around spiritual concerns and potential for damage of site due to soil collapse. Imperial offered to provide maps, once available, showing drilling details (e.g. depth, angle of drill, soil type, etc.) for MNCFN review.</li> </ul>
	<ul style="list-style-type: none"> <li></li> </ul>
Summary of Actions	Who
<ul style="list-style-type: none"> <li>Agreement signed. Deployment of MNCFN Field Liaison Monitors</li> </ul>	

Potential topics to record for Isometrix reporting:

Topic	Discussion
<input type="checkbox"/> Accidents and Malfunctions <input type="checkbox"/> Air Emissions and Noise <input type="checkbox"/> Alternatives  <input type="checkbox"/> Cultural Heritage Resources <input type="checkbox"/> Emergency Response <input checked="" type="checkbox"/> Excavation/Damage Prevention/Pipeline Location  <input type="checkbox"/> Right-of-Way/Access Agreement <input type="checkbox"/> Safety, Health and Environment <input type="checkbox"/> Socioeconomic (labour, economy, social)	<input type="checkbox"/> Aquatic Resources and species <input checked="" type="checkbox"/> Archaeology <input type="checkbox"/> Community Contribution Request  <input type="checkbox"/> Groundwater <input checked="" type="checkbox"/> Operational Issue  <input type="checkbox"/> Traditional use <input type="checkbox"/> Vegetation <input type="checkbox"/> Wetlands <input type="checkbox"/> Wildlife and Habitat



Imperial's Sarnia Products Pipeline

# Waterdown to Finch Project

July 2018



## Agenda

- Welcome/ Open Meeting
- Introductions
- Safety Moment
- Overview of Waterdown to Finch Project
- Overview of Archaeology Planning
  - Archaeology Draft Stage 1 Results
  - Planned Stage 2 Methods
  - Geotechnical Assessment
- Meeting Adjourned

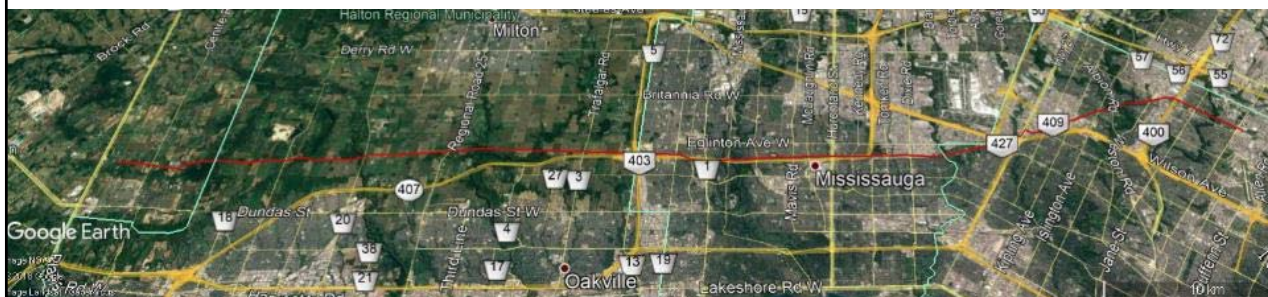


## Safety Moment

3

## Imperial's Sarnia Products Pipeline

- Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area
- SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA)
  - SPPL supplies a significant portion of product used at Toronto Pearson International Airport, and gasoline and diesel that keeps people, goods and services moving
- SPPL has operated safely in the region for many years



4

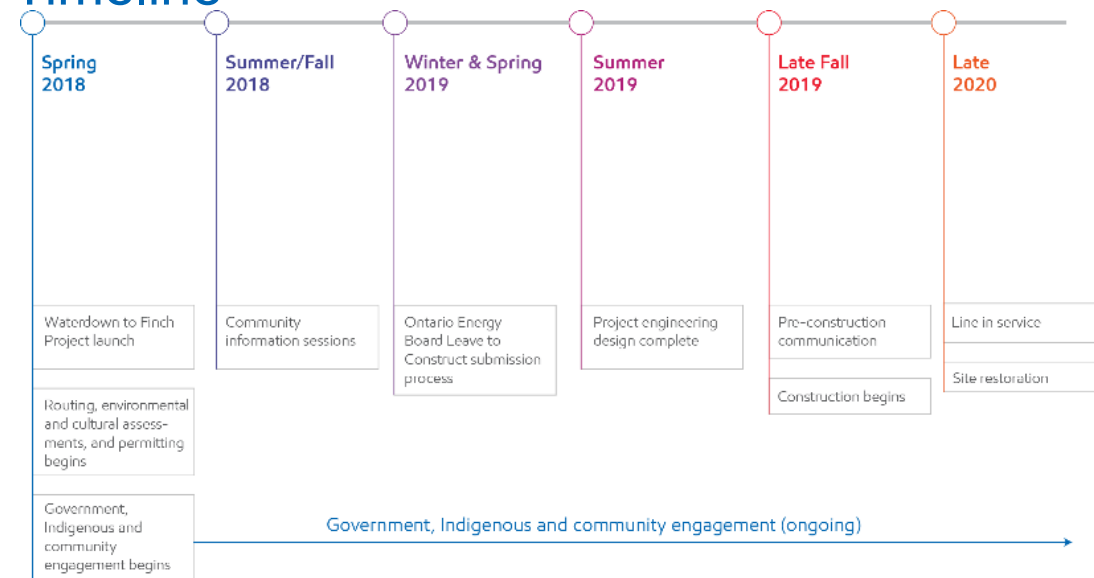
## Continued safety and reliability for the GTHA

- Imperial is planning to replace approximately 63 km of the line with new pipe
- The pipeline will continue to operate safely until the replacement segments are prepared for operation
- Imperial will apply for a Leave to Construct from the Ontario Energy Board, which includes an assessment of environmental effects and engagement with landowners, communities and Indigenous groups
  - Imperial will respect landowners' property and will seek to minimize disruptions
  - Imperial recognizes the importance of collaboration with Indigenous groups, municipalities and other community stakeholders

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## Timeline\*



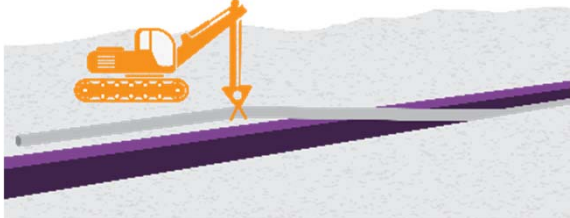
6 \* Subject to regulatory and permitting approvals



## Minimizing construction impacts

- Imperial will work with landowners, permitting authorities and different levels of government so construction impacts are as limited as possible
- Engineers and environmental surveyors work together to develop the pipeline route that minimizes impact to the environment and community
- Deactivated pipe will be removed from service, cleaned, filled with nitrogen and left in place to reduce environmental impacts
- Based on engineering and environmental surveys, Imperial will perform one of two construction techniques:

**Open cut construction**



7

**Trenchless technology**



## Discussion

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## Working Together on Archaeology Planning

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**Past Recovery**  
Archaeological Services Inc.

### About Us

- Past Recovery, established as a partnership in 2000, has conducted over 300 Stage 1 through Stage 4 archaeological assessments in Ontario since incorporation in 2013
- Brenda Kennett, M.A. and Jeff Earl, M.Soc.Sc., principals, have over 50 years of combined experience
- Located in Perth, Ontario, Past Recovery conducts archaeological assessments across eastern Ontario, as well as undertaking projects further afield in central, northern and southwestern Ontario



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## About Us

### Relationships with:

- Algonquins of Ontario
- Williams Treaties First Nations
- Mohawk Council of Akwesasne
- Mohawks of the Bay of Quinte
- Jessalyn Miller, B.A., Staff Archaeologist, has also previously worked with Indigenous Field Liaison Representatives from MNCFN, Six Nations, HDI and Huron-Wendat Nation since 2013



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## Preliminary Archaeological Stage 1 Results

### Archaeological Potential

- Much of the study corridor contains archaeological potential for both pre-Contact and post-Contact archaeological resources
- Sections of the corridor exhibit areas of extensive subsurface disturbance and therefore no longer hold potential
- Some sections have been subject to previous archaeological assessments that have cleared these areas of archaeological concerns



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## Preliminary Archaeological Stage 1 Results

### Archaeological Concerns

- 11 registered archaeological sites were identified within, or in very close proximity, to the project area including the Parsons site (AkGv-8) and 5 other pre-Contact Indigenous sites (a further 2 with cultural tradition unknown but likely Indigenous)
- Lands associated with the Niagara Escarpment and 15 major river crossings are considered to have a high potential for Indigenous archaeological sites
- The Credit River Valley, is a designated cultural landscape
- Historical mapping between 1858 and 1878 indicates historical settlements and associated features, including a small number of pioneer cemeteries, on lots associated with the corridor



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## Preliminary Archaeological Stage 1 Results

### Historical Context and Cultural Overview

- The land use history produced in the draft report has been informed by the archaeological record from a settler perspective
- We are seeking input from First Nations regarding your community's land use history and cultural narrative in order to provide a more inclusive context for the project
- We are also seeking advice on cultural places of concern to your community that may not have been identified in the draft Stage 1 report so that appropriate procedures and protocols are followed as the project progresses



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## Indigenous Engagement

- Communities with an interest in the project area are anticipated to include the following:
  - Mississaugas of the New Credit First Nation
  - Six Nations of the Grand River
  - Huron-Wendat Nation
  - Haudenosaunee Development Institute
- Communities will have an opportunity to review and comment on the draft Stage 1 assessment report
- Field Liaison Representative Monitors will be included in the Stage 2 archaeological fieldwork



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## Proposed Archaeological Stage 2 Methods

### Project Impact Mitigations

- Assessment of all areas of archaeological potential through shovel testing at 5 m intervals or pedestrian survey of ploughed fields at 5 m intervals
- Trenchless HDD boring at major river crossings
- Trenchless HDD boring beneath the Parsons site (AkGv-8) to reduce impacts

### Factors Limiting Archaeological Potential

- Visible disturbance into subsoils (described in Stage 1)
- Soil disturbances associated with the placement of previous utilities
- Areas of previous archaeological assessments and cleared of further archaeological concerns
- Permanently wet areas



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## Geotechnical Assessment

- ~140 geotechnical bore hole locations within existing utility corridor
  - ~97 are located within areas of archaeological potential
- Existing infrastructure will be used as much as possible for access (e.g., roads, driveways, paths, etc.)
- No soil stripping
- Equipment:
  - Low ground pressure wide track or tired rigs (hollow stem auger)
  - Tired support vehicle
- Drilling scheduled July to September 2018
- Borehole locations to be cleared of archaeological concern prior to drilling via targeted Stage 2 archaeological assessment



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## Discussion

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## For more information

W: [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)  
T: 416.586.1915  
E: [questions@imperialon.ca](mailto:questions@imperialon.ca)

Ministry of Energy, Northern  
Development and Mines

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

77 Grenville Street  
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77, rue Grenville  
6<sup>e</sup> étage  
Toronto ON M7A 2C1

Tel: (416) 325-6544

Tél: (416) 325-6544



## Indigenous Energy Policy

VIA EMAIL

September 25, 2018

Chief R. Stacey Laforme  
Mississauagas of the New Credit First Nation  
2789 Mississauga Road R.R. #6  
Hagersville, ON N0A 1H0

## Re: Imperial Waterdown Pipeline Project

Dear Chief Laforme:

This letter is to notify you that the Ministry of Energy, Northern Development and Mines on behalf of Ontario has delegated the procedural aspects of consultation to Imperial Oil Limited for its' proposed Imperial Waterdown Pipeline Project in relation to the Ontario Energy Board's Leave to Construct approval process.

Imperial Oil is planning to redevelop a pipeline in order to provide fuel across the Greater Toronto and Hamilton Area, including jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel. The project consists of approximately 63 kilometers of the existing line with new pipe. The proposed pipeline will commence at Waterdown Station [43.33500° N, 79.93248° W], and will end at the company's terminal storage facility at North York's Finch Terminal [43.76652° N, 79.48878° W]. If approved, construction is anticipated to begin in 2019

I encourage representatives of your community to participate in efforts made by Imperial Oil Limited to consult your community on its proposed project so that you can receive project information and understand if there are any potential impacts on Aboriginal or treaty rights. The consultation process is an opportunity to provide your community's feedback to Imperial Oil Limited and the Crown, including any suggestions or proposals your community might have for mitigating, avoiding or accommodating any potential impacts to Aboriginal or treaty rights. Ministry officials are also available should you wish to contact the Crown directly. Please note that none of the foregoing should be taken to imply approval of this project.

Should you or any members of your community have questions regarding the material above, please contact Raina Crasto at 416-326-4571 or [raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca) and Shannon McCabe at 416-212-6704 or [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca).

Sincerely,

A handwritten signature in black ink, appearing to read "M. Owen", with a long horizontal flourish extending to the right.

Morgan Owen  
A/Manager  
Indigenous Energy Policy

C: Ontario Energy Board  
Ontario Pipeline Coordinating Committee (OPCC)  
Jessie Malone, Environmental and Regulatory Advisor, Safety Security Health and Environment, Imperial Oil Limited

# Waterdown to Finch Project - Stage 1 Archaeological Assessment

Jennifer Liddell

To: Mark.LaForme@mncfn.ca, Megan DeVries

Thursday, Sep 27th, 2018

12:48 PM

Please find attached a copy of the Stage 1 Archaeological Assessment conducted by Past Recovery Archaeological Consultants for the Proposed Waterdown to Finch Project on behalf of Imperial Oil Limited. The present assessment has identified a number of registered archaeological sites within or in close proximity to the study corridor.

Imperial is seeking Indigenous review of the draft report to ensure that any traditional knowledge/information regarding traditional use sites, sacred sites, or other sites is reflected in the background documentation and the determination of archaeological potential. Let us know if you have any comments or questions, or any additional information that you feel may help inform the Stage 2 Assessment. A Stage 2 Archaeological Assessment is currently being undertaken to identify any as-yet unknown archaeological sites that may be impacted by the project.

Please provide a response by November 1, 2018 in order to inform the current field program.

Respectfully,

Kelly Williams  
Community Relations Officer  
602 Christina Street  
Sarnia, ON Canada N7T 7M5  
519-328-8681 Cell  
519 339 2265 Tel  
kelly.williams@esso.ca  
Imperialoil.ca

## 1 Attachments

### Download All

E.1 WFP Stage 1 Archaeological Assessment\_06Sept2018.pdf

**Jim Chan**

---

**To:** Jim Chan (jim.chan@erm.com)  
**Subject:** FW: Waterdown to Finch Stage 1 Report

**From:** Malone, Jessie M  
**Sent:** Friday, November 2, 2018 5:30 PM  
**To:** Williams, Kelly /C <kelly.williams@esso.ca>  
**Subject:** FW: Waterdown to Finch Stage 1 Report

fyi

---

**From:** Megan DeVries [<mailto:Megan.DeVries@mncfn.ca>]  
**Sent:** Friday, October 19, 2018 8:18 AM  
**To:** Daniel Walker <[Daniel.Walker@erm.com](mailto:Daniel.Walker@erm.com)>; Brenda Kennett <[b.kennett@pastrecovery.com](mailto:b.kennett@pastrecovery.com)>  
**Cc:** Fawn Sault <[Fawn.Sault@mncfn.ca](mailto:Fawn.Sault@mncfn.ca)>; Peter Epler <[Peter.Epler@mncfn.ca](mailto:Peter.Epler@mncfn.ca)>; Liddell, Jennifer H <[jennifer.h.liddell@esso.ca](mailto:jennifer.h.liddell@esso.ca)>; Malone, Jessie M <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>  
**Subject:** Waterdown to Finch Stage 1 Report

Good morning,

MNCFN has reviewed the Stage 1 archaeological assessment for the Waterdown to Finch project. While we have no major concerns regarding the report, we do have some small comments or questions for clarification.

1. While MNCFN understands and acknowledges that the Parsons site is an ancestral Huron-Wendat village, the Waterdown to Finch project and the Parsons site are located within MNCFN treaty territory. It is imperative, and proper, that Imperial Oil and Past Recovery understand that MNCFN must also participate in all fieldwork and monitoring required for this site and be engaged on mitigation strategies developed for its long-term care and protection.
2. Are all access routes and temporary work spaces included in the current study area or are these yet to be determined? If access routes and temporary work spaces are necessary, and were not included in the current Stage 1-2 assessment, they will require assessment at a future date prior to their use and any potential impacts.
3. Will the entirety of the study area and pipeline corridor, as outlined in the Stage 1 report, be subject to Stage 2 assessment or has the size of the study area already been reduced for the Stage 2 survey work?
4. On the report that was provided to us, archaeological sites are identified on the mapping, which is appreciated for our records but should not be included in a publically accessible report. These should be redacted and relocated to the supplementary documentation if this version is the one to be submitted to the MTCS or made available during public consultations.

I look forward to further discussing the Stage 1 assessment at a future meeting and receiving an update regarding the progress of the Stage 2 fieldwork.

Sincerely,  
Megan.

**Megan DeVries, M.A.**  
**Archaeological Operations Supervisor**  
**Department of Consultation and Accommodation (DOCA)**  
**Mississaugas of the New Credit First Nation (MNCFN)**

EXHIBIT H  
Record of Consultation - Supporting Documents  
4065 Highway 6 North, Hagersville, ON N0A 1H0  
P: 905-768-4260 | M: 289-527-2763  
<http://www.mncfn.ca>

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**Imperial**  
**Waterdown to Finch Pipeline Project**  
**November 13, 2018**  
**Meeting with MNCFN Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Mississauga New Credit First Nation (MNCFN)*

- Megan DeVries (MD), Archaeological Operations Supervisor, Department of Consultation and Accommodation
- Fawn Sault (FS), Consultation Manager
- Mark LaForme (ML), Director, Department of Consultation and Accommodation
- Hilary Harrison (HH)

*Imperial*

- Kelly Williams, Indigenous Relations (KW)
- Jessie Malone, Environment and Regulatory Advisor (JM)

*ERM*

- Dan Walker, Archaeologist (DW)
- Jim Chan, Senior Consultant (JC)

*Past Recovery*

- Brenda Kennett, Archaeologist (BK)

**Meeting Objectives**

- Consultation meeting to respond to MNCFN's feedback on Stage 1 Archaeological Assessment Report
- Feedback on Field Monitoring Program
- Feedback on continued consultative approach and MNCFN preferences
- Early notification of Leave to Construct application

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Teleconference call</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Welcome</li> <li>• Introductions</li> <li>• Stage 1 Archaeological Assessment Report Comments</li> <li>• HDD Scope and Archaeology</li> <li>• MNCFN Feedback on Field Monitoring Program</li> <li>• Next Steps for Continued Project Engagement/ Application Timeline</li> <li>• Meeting Adjourned</li> </ul>
Introductions	<ul style="list-style-type: none"> <li>• Imperial (KW) - We are pleased to have the opportunity to regroup and connect with MNCFN again. KW noted that she had an opportunity to participate in the archaeological assessment field work and was impressed by the knowledge of the MNCFN Monitors. The Project team is appreciative to have MNCFN part of the Field Monitoring program.</li> <li>• MNCFN (MD) appreciated the comment. The MNCFN Field Monitors are enjoying the experience and the field Project team is very welcoming.</li> </ul>
Archaeological Assessment Planning	<ul style="list-style-type: none"> <li>• On October 19, 2018, MNCFN provided comments to the Stage 1 Archaeological Assessment. MD provided a general comment that the Stage 1 report was very</li> </ul>

Topic	Discussion
	<p>comprehensive and was well done. Past Recover (BK) appreciated the comment. This is a testament to the comprehensive scope of the archaeological assessment.</p> <ul style="list-style-type: none"> <li>• MNCFN raised three minor points for clarification:</li> <li>• While MNCFN understands and acknowledges that the Parsons site is an ancestral Huron-Wendat village known archaeological site, the Waterdown to Finch Project and the Parsons site are located within MNCFN traditional territory.</li> <li>• Past Recovery (BK) responded that we recognize the Parson site is within shared traditional territory and recognize the MNCFN traditional territory. Imperial will revise the wording in the Stage 1 Report to acknowledge MNCFN's traditional territory. Imperial fully understands that MNCFN will participate in ongoing archaeological assessment planning for the Parson site.</li> <li>• MNCFN (MD) - Are all access routes and temporary work spaces included in the current study area or are these yet to be determined?</li> <li>• BK responded that most of the temporary work spaces and access routes relate to the placement of the HDD and HD Bore path. As project planning and design advances and additional temporary work space or access route for construction is known, the Stage 1 study area will be revised if necessary, and additional Stage 2 assessment undertaken as appropriate.</li> <li>• MD responded that this makes sense and is satisfied with the clarification.</li> <li>• MNCFN (MD) asked if the size of the Stage 2 assessment is smaller than Stage 1.</li> <li>• BK responded that the Stage 1 study area was purposely set larger to capture the pipeline corridor and in anticipation of potential temporary workspaces. The Stage 2 methodology is related to the Project footprint and is focused on the defined corridor (typically 25m – 35 m wide) and larger temporary workspaces. As mentioned above, as additional temporary work space and access routes for HDD and HD Bore requirements are advanced, the Stage 2 will be altered to address this.</li> <li>• MD was satisfied with the clarification.</li> <li>• BK noted that in consultation with MTCS, access routes for the geotechnical investigations are being mitigated in areas of archaeological potential through the use of matting and light-weight equipment. Any Project additional temporary work spaces and access routes determined to have archaeological potential will be subject to archaeological assessment.</li> <li>• MNCFN (MD) - Mapping of archaeological sites is appreciated for our review but would be inappropriate for the public.</li> <li>• BK agreed. BK responded that Imperial will follow MTCS protocols and will submit a redacted version of the Stage 1 Archaeological Assessment report that is publically available. Sensitive information will not be made publically available and will be included as a supplemental document filing.</li> </ul>

Topic	Discussion
Stage 2 Field Monitoring Program	<ul style="list-style-type: none"> <li>Imperial (KW) asked, from MNCFN's perspective, how is the Field Monitoring Program going?</li> <li>MD noted that overall the Field Monitoring Program has been a positive experience for Monitors. Project team members have worked well with MNCFN Monitors.</li> <li>An area to review/collaborate on is morning deployment. At any given time, MNCFN has 45 potential Monitors in the field on 20+ projects. Suggest designating one or a couple of morning meeting muster points and then proceeding as a group to the field start point. It has been challenging at times to have daily coordination notifications with changes in the morning location. This is an area to revisit for the next field season.</li> <li>KW - we recognize and appreciate the time you are taking with us given the many projects on the go.</li> </ul>
HDD Archaeology	<ul style="list-style-type: none"> <li>Imperial (JM and BK) shared further information on planned HDD paths.</li> <li>Imperial consulted with MTCS to address planned HDD paths. For HDD paths, the Stage 2 assessment (test pitting and/or pedestrian survey) is covering the entire temporary work space associated with the HDD entry and exit pads. Typically, this is when the HDD path is the centerline of the temporary work space. In addition, the first and last 50 m of the HDD path is being tested in the few instances where the temporary work space does not entirely cover these sections of the HDD path. Additional archaeological testing would be conducted in the future if geotechnical results are insufficient to support the working assumption that the HDD paths will be deep enough/in stable enough soils to avoid any potential slumping and/or the possibility of future integrity digs from the surface. In addition, if cultural material is identified during the Stage 2 assessment of the temporary work space/HDD paths, appropriate mitigation would be undertaken in consultation with all stakeholders. This would involve additional archaeological investigation and/or extending the HDD path and moving the temporary work space to avoid disturbing the archaeological site.</li> <li>MD requested a list of all HDD locations depicted on a map so that MNCFN can review the locations from an archaeological and waterway perspective.</li> <li>JM responded that a follow-up action item will be to provide MNCFN a Project map with the HDD location.</li> <li>MD asked if HDD is proposed for the Parson site. If so, MNCFN would like further discussion on the way forward at this site.</li> <li>BK responded that yes, that is the preliminary plan and further discussions will take place for this site.</li> <li>MD noted that as the 2018 field season winds down, MNCFN will require a new 2019 agreement for field work. JM - Imperial noted yes, that is correct.</li> </ul>

Topic	Discussion
Leave to Construct	<ul style="list-style-type: none"> <li>JC – provided an overview of the leave to construct process. The Ontario Energy Board (OEB) is the provincial energy regulator. Imperial is required to prepare and file an application for a leave to construct approval with the OEB for the Project. Imperial is consulting early and working with regulators, stakeholders, municipalities and Indigenous communities. Consultation opportunities are afforded by the OEB however, Imperial's approach is that consultation is ongoing and based on the preferences of the communities. Comments can be provided at an anytime to be addressed.</li> <li>Imperial is planning to submit the leave to construct application in Q1 2019 and will ensure that MNCFN are notified in advance and kept up to date on the regulatory process.</li> </ul>
Consultation	<ul style="list-style-type: none"> <li>KW - could you tell us if you have other consultation expectations in accordance with protocols? Do you have a preference for periodic updates?</li> <li>MD - yes, we wish to be consulted on an ongoing basis. MNCFN should be notified, in advance, before anything happens or with changes to the Project. To date there is no issue with Imperial's consultative approach and effort.</li> <li>Field involvement and ongoing input/ feedback is very important.</li> <li>We would be interested in reviewing reports as they become available as part of the regulatory process.</li> <li>MNCFN (ML) – in addition to what the others have noted, MNCFN would like to commend Imperial on the excellent consultation process. Thank you very much for this. When proponents approach Projects in this manner, things go much smoother. We commend Imperial on the work you are doing with New Credit.</li> </ul>
<b>Summary of Actions</b>	
<ul style="list-style-type: none"> <li>MNCFN requests a list of all HDD locations depicted on a map so that MNCFN can review the locations from an archaeological and waterway perspective. Imperial to provide.</li> </ul>	KW
<ul style="list-style-type: none"> <li></li> </ul>	
<ul style="list-style-type: none"> <li></li> </ul>	
<ul style="list-style-type: none"> <li></li> </ul>	

Potential topics to record for Isometrix reporting:

- |   |   |
|---|---|
| <input type="checkbox"/> Accidents and Malfunctions | <input type="checkbox"/> Aquatic Resources and species  |
| <input type="checkbox"/> Air Emissions and Noise    | <input checked="" type="checkbox"/> Archaeology         |
| <input type="checkbox"/> Alternatives               | <input type="checkbox"/> Community Contribution Request |

EXHIBIT H  
Imperial  
Record of Consultation - Supporting Documents  
Waterdown to Finch Pipeline Project

November 15, 2018  
Meeting Summary Notes

Topic	Discussion
<input type="checkbox"/> Cultural Heritage Resources <input type="checkbox"/> Emergency Response <input type="checkbox"/> Excavation/Damage Prevention/Pipeline Location	<input type="checkbox"/> Groundwater <input type="checkbox"/> Operational Issue
<input type="checkbox"/> Right-of-Way/Access Agreement <input type="checkbox"/> Safety, Health and Environment <input type="checkbox"/> Socioeconomic (labour, economy, social)	<input type="checkbox"/> Traditional use <input type="checkbox"/> Vegetation <input type="checkbox"/> Wetlands <input type="checkbox"/> Wildlife and Habitat



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Lonny Bomberry  
Lands & Resources  
Six Nations of the Grand River  
2498 Chiefswood Road,  
P.O. Box 5000  
Oshweken, Ontario  
N0A 1M0

Dear Mr. Bomberry,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63-kilometres of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

The Waterdown to Finch Project is proactively replacing a segment of pipeline to deliver continued safety and reliability. The existing pipeline will continue to operate until the project is complete.

Environmental and cultural assessments will start in the spring of 2018. Subject to provincial regulatory review and receipt of all permits, Imperial anticipates construction to begin in 2019.

Most replacement work will take place in close vicinity to the existing pipeline. Imperial representatives will also be communicating with landowners where proposed activities may be taking place in the coming weeks. Over the duration of the project, we will work collaboratively and communicate proactively to minimize construction impacts.

**Please accept this letter as a formal notification of Imperial's Waterdown to Finch Project. Imperial would like to schedule a meeting to discuss the Waterdown to Finch Project, share information and answer questions.** If you would like to learn more about the Waterdown to Finch Project, please contact us at [questions@imperialon.ca](mailto:questions@imperialon.ca) or leave a message at 416-586-1915.

In addition to the project brochure and meeting offer, you can also visit our project website at [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch) for an overview of the proposed replacement work, including project facts, work schedule, construction practices and community engagement efforts.

We look forward to connecting.

Sincerely,

Christopher Plain  
Indigenous Relations Lead – Ontario Region  
Imperial Oil Limited



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**June 15, 2018**  
**Six Nations Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Organization Name*

- Paul General, Matt Jacko, Waylon Bomberly, and Dawn LaForme, Lands and Resources Department, Six Nations of the Grande River (SN)

*Imperial*

- Elias Majdalani, Project Director (EM)
- Robert Ballinger, Area Manager, East Canada, Canada Fuels (RB)
- Chris Plain, Indigenous Relations Lead – Ontario Region (CP)
- Leanne Dohy, Socio-economic Advisor (LD)

*ERM*

- Curtis Campbell, Project Director (CC)
- Jim Chan, Senior Consultant (JC)

**Meeting Objectives**

- Early Notification to Six Nations
- Overview presentation of Imperial's Waterdown to Finch Project (the Project)
- Discussion on Six Nation's interests in archaeology field work

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Meeting held at Lands and Resources Department of the Six Nations, 2498 Chiefswood Road, Ohsweken, Ontario.</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Meeting with Six Nations Lands and Resources Department to introduce the Project and discuss archaeology field work.</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's Sarnia Products Pipeline Waterdown to Finch Powerpoint presentation June 2018.</li> <li>• Six Nations shared the Traditional Territory Map (on cover of booklet) and booklet:</li> <li>• <a href="http://www.sixnations.ca/SNGlobalSolutionsBookletFinal.pdf">http://www.sixnations.ca/SNGlobalSolutionsBookletFinal.pdf</a></li> </ul>
Introduction	<ul style="list-style-type: none"> <li>• Imperial (CP) opened the discussion by thanking everyone for the opportunity to meet. Work is ongoing with Imperial's Credit River Project with the involvement of the Six Nations FLR Monitors. Today, we are here to talk about the Waterdown to Finch Project.</li> <li>• Six Nations shared Traditional Territory Map (on cover of booklet) and booklet:</li> <li>• <a href="http://www.sixnations.ca/SNGlobalSolutionsBookletFinal.pdf">http://www.sixnations.ca/SNGlobalSolutionsBookletFinal.pdf</a></li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• Imperial (RB) described Imperial's strong focus on safety.</li> <li>• Imperial (RB) described proactive measures, safety focus, to replace a segment of the existing line from Waterdown station to Finch terminal. Imperial uses in-line inspection</li> </ul>

Topic	Discussion
	<p>tools, which are sent from one side of the line to the other and measures the inside diameter of the pipeline and assesses the integrity of the line.</p> <ul style="list-style-type: none"> <li>• Monitored 24 hours a day, 365 days a year.</li> <li>• Fly the line every week; portions that can't be flown are ground patrolled.</li> <li>• Entire line walked in a periodic frequency.</li> <li>• Replacement segment is like for like, meaning 12" in diameter pipe for new 12" pipeline over a 63 kilometre segment. Product moved is the same and the line will continue to operate, to minimize disruption during construction.</li> </ul>
Overview	<p>Overview</p> <ul style="list-style-type: none"> <li>• Imperial (EM) is consulting with regulators and different levels of government to plan the Waterdown to Finch Project so that construction impacts are limited and mitigation measures proposed. Imperial will require a Leave to Construct approval from the Ontario Energy Board, including a thorough assessment of the project and potential environmental effects.</li> <li>• Duty to Consult - Imperial will consult Indigenous communities; incorporate feedback as the design is advanced.</li> <li>• Overview of timelines (as described in PowerPoint and brochure), Spring 2018 project launch; Summer/Fall 2018 Community information sessions; Winter/Spring 2019 submission to OEB; Summer 2019 engineering design complete; Late Fall 2019 pre-construction communication.</li> <li>• Summer/Fall 2018 - information session to gather early input in July and November 2018. Construction timing will be dependent on wildlife construction timing windows.</li> <li>• Majority of the Project is on an existing pipeline corridor. 2/3 will be through the existing HONI corridor. Following an existing line is a positive aspect and provides benefits of minimizing impacts.</li> </ul> <p>Relationship</p> <ul style="list-style-type: none"> <li>• Imperial (CP) noted that consultation is one piece of a larger relationship. Imperial is involved with the community in work force development initiatives and the Science Education Employment Development (SEED).</li> </ul>
Deactivation of current line	<ul style="list-style-type: none"> <li>• Six Nations asked what will Imperial do with the deactivated line?</li> <li>• Imperial (EM) responded that the current pipeline will be deactivated and removed from service. It will be cleaned, filled with nitrogen, maintained with cathodic protection, and monitored and left in place.</li> <li>• In addition, along the HONI corridor, there are other lines and infrastructure. We do not want to impact the other lines. Deactivation is undertaken to reduce environmental impacts (soil stability, slope stabilization, and settlement issues).</li> </ul>
Construction technology	<ul style="list-style-type: none"> <li>• Six Nations asked if installation methods will be open cut or HDD?</li> <li>• Imperial (EM) responded that both technologies will be deployed.</li> <li>• Trenchless technology, e.g., horizontal directional drill (HDD) is a method of installing underground pipe using a drilling rig at the surface level. It is best used at</li> </ul>

Topic	Discussion
	<p>sensitive areas, or in dense residential or commercial areas, major watercourse crossings, etc.</p> <ul style="list-style-type: none"> <li>Open cut construction is a method of pipeline installation. Pipe will be lowered into a trench and covered for protection. We are conducting geotechnical, environmental, and archaeology surveys to help determine the appropriate design consideration for open cut and HDD.</li> </ul>
Wildlife	<ul style="list-style-type: none"> <li>Six Nations asked and Imperial/ERM agreed to share findings of information back to Six Nations from the wildlife and vegetation field surveys. Six Nations don't have monitors to accompany the wildlife field team.</li> <li>Imperial/ERM action to share findings of wildlife and vegetation reports with Six Nations.</li> </ul>
Archaeology	<p>Archaeology</p> <ul style="list-style-type: none"> <li>ERM (CC) indicated that the Ontario Energy Board is the main regulatory body.</li> <li>The Ontario Pipeline Coordinating Committee (OPCC) will be consulted; these are the provincial agencies, including the Conservation Authorities and Niagara Escarpment Commission, that have input as part of the leave to construct application.</li> <li>Six Nations requested a meeting with Past Recovery, the identified archaeology firm, to build relationships and trust.</li> <li>Joanne Thomas is the Six Nations archaeology lead. Imperial and ERM to set-up a subsequent meeting with Six Nations and Past Recovery archaeologist.</li> <li>Imperial asked, what is the expected involvement on a geographical basis for the archaeology field work.</li> <li>Six Nations replied involvement of Six Nations Field Monitors for archaeology for the entire alignment.</li> <li>Imperial (CP) commented that it is important for us to be in the community and to share information. We would be willing to come back again and we have a commitment to participation of Six Nations Field Liaison Representative (FLR) Monitors to observe archaeology field work.</li> <li>We have an agreement with Imperial and Six Nations on the Credit River crossing Project for Six Nations FLR Monitors. Glad to hear this is working and we want to set-up a similar agreement process for the Waterdown to Finch Project archaeology field work.</li> <li>For the Waterdown Finch Project, ERM will be the consultant doing the work. CP asked if Imperial has permission to share the FLR agreement. Six Nations response was yes and CP will share the FLR Monitor agreement for archaeology work with ERM.</li> <li>Imperial (CP) noted that once reports are generated, we will share them with the communities. Commitments will be followed based on your preference and working with your Chief and Council. We respect the autonomy of each Nation and will work respectfully, including with your neighbours (MNCFN). We appreciate everything and we know that there are many things/priorities going on in the community.</li> </ul>
Trees	<ul style="list-style-type: none"> <li>Six Nations asked if trees need to be cut?</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>Imperial (EM) replied that yes. For safety considerations, some trees may need to be cut, especially if grown within the right-of-way. Imperial and Six Nations discussed that there is a replacement ratio for trees. We will need to look for the right location for offsets and further discussions will be warranted once survey reports are generated.</li> </ul>
Other	<ul style="list-style-type: none"> <li>ERM asked if there are specific uses or wildlife/vegetation that we should be cognizant about?</li> <li>Deer hunting is popular on reserve and off reserve across Six Nations territory. Endangered and threatened turtle species and fish species (less of a concern if using HDD technology under the stream)</li> <li>Six Nation FLR Monitor participants will be able to assist with potentially spotting medicinal/cultural plants during the archaeology field work.</li> </ul>
Summary of Actions	
<ul style="list-style-type: none"> <li>Six Nations requested a follow-up meeting with Past Recovery, archaeologists. [ Subsequent meeting with Past Recovery held on July 19, 2018]</li> </ul>	CP
<ul style="list-style-type: none"> <li>ERM to work with Six Nations to establish agreement for FLR Monitor archaeology field work. [ Subsequent to meeting, agreement established with Six Nations for Field Monitors]</li> </ul>	CP
<ul style="list-style-type: none"> <li>Imperial/ERM action to share findings of wildlife and vegetation reports with Six Nations.</li> </ul>	CP

Potential topics to record for Isometrix reporting:

- |   |  |
|---|--|
| <input type="checkbox"/> Accidents and Malfunctions                     | <input type="checkbox"/> Aquatic Resources and species   |
| <input type="checkbox"/> Air Emissions and Noise                        | <input checked="" type="checkbox"/> Archaeology          |
| <input type="checkbox"/> Alternatives                                   | <input type="checkbox"/> Community Contribution Request  |
| <input type="checkbox"/> Cultural Heritage Resources                    | <input type="checkbox"/> Groundwater                     |
| <input type="checkbox"/> Emergency Response                             | <input type="checkbox"/> Operational Issue               |
| <input type="checkbox"/> Excavation/Damage Prevention/Pipeline Location |  |
| <input type="checkbox"/> Right-of-Way/Access Agreement                  | <input checked="" type="checkbox"/> Traditional use      |
| <input type="checkbox"/> Safety, Health and Environment                 | <input checked="" type="checkbox"/> Vegetation           |
| <input type="checkbox"/> Socioeconomic (labour, economy, social)        | <input type="checkbox"/> Wetlands                        |
|   | <input checked="" type="checkbox"/> Wildlife and Habitat |



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**July 19, 2018**  
**Meeting with Six Nations Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Six Nations*

- Lonny Bomberry, Director Lands and Resources (LB)
- Joanne Thompson, Archaeology Supervisor (JT)
- Paul General, Wildlife Office (PG)
- Waylon Bomberry, Wildlife Office (WB)

*Imperial*

- Chris Plain, Indigenous Relations Lead – Ontario Region (CP)
- Kelly Williams, Indigenous Relations (KW)
- Leanne Dohy, Socio-economic Advisor (LD)
- Jessie Malone, Environment and Regulatory Advisor (JM)

*ERM*

- Jim Chan, Senior Consultant (JC)

*Past Recovery*

- Brenda Kennett, Archaeologist (BK)

**Meeting Objectives**

- Overview presentation of Imperial's Waterdown to Finch Project (the Project)
- Discussion on archaeology field work

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Meeting held at Lands and Resources Department of the Six Nations, 2498 Chiefswood Road, Ohsweken, Ontario.</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Welcome</li> <li>• Introductions</li> <li>• Safety Moment</li> <li>• Overview of Waterdown to Finch Project</li> <li>• Overview of Archaeology Planning</li> <li>• Archaeology Draft Stage 1 Results</li> <li>• Planned Stage 2 Methods</li> <li>• Geotechnical Assessment</li> <li>• Meeting Adjourned</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's Sarnia Products Pipeline Waterdown to Finch Powerpoint presentation July 2018</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>• Imperial (CP) opened the discussion by thanking everyone for the opportunity to meet again. Since the last time we met, wanted to bring Past Recovery to meet with you, as requested, to make the connection. We have signed the agreement for Six Nations Field Monitor participation.</li> <li>• CP explained that at the community's wishes, we are willing to come meet the community and keep lines of communication open. We will be holding an Info Session in</li> </ul>

Topic	Discussion
Project Overview	<p>nearby Hamilton next week and extended a courtesy invitation. Again, we are willing to come to the Six Nations community and provide information as well, at your discretion.</p> <ul style="list-style-type: none"> <li>Imperial (JM) provided a Project overview. Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.</li> <li>SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA)</li> <li>SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline and diesel that keeps people, goods and services moving.</li> <li>SPPL has operated in the region for many years. It has been in operation since the 1950s. The line is ~65 years old and as a proactive measure, Imperial is planning to replace approximately 63 km of the 12" line with new 12" pipe. The pipeline will continue to operate until the replacement segments are prepared for operation. The existing line will be cleaned, tested and deactivated in-place.</li> <li>Imperial has initiated discussions with the Ontario Energy Board (OEB). The major regulatory process will be the filing of the leave to construct application with the OEB.</li> <li>Imperial has kicked off engagement with regulators, landowners and Indigenous communities. At the same time, we have initiated the engineering design process. As a result of our early engagement, we look to incorporate feedback into the project design process.</li> <li>We have started environmental field surveys to capture the field work during the seasonal windows. Field work is planned for summer and fall. Archaeology field work is timed for the summer/fall.</li> <li>Overview of timelines (as described in the PowerPoint presentation), Spring 2018 project launch; Summer/Fall 2018 Community Information Sessions; Winter/Spring 2019 submission to OEB; Summer 2019 engineering design complete; Late Fall 2019 pre-construction communication. 2020 is the potential start date.</li> <li>Monitored 24 hours a day, 365 days a year. The western portion of the line is flown every week; eastern portions that cannot be flown are ground patrolled daily.</li> <li>There are two proposed types of construction methods: open cut construction and trenchless Horizontal Direction Drilling (HDD). JM indicated that notionally, HDD is planned for ~1/3 of the total line replacement. Construction method will be informed by geotechnical information and environmental considerations. Imperial will look to avoid major watercourses, major road crossings, provincially significant wetlands and important archaeological features by using HDD.</li> <li>Imperial (JM) explained that the current pipeline will remain in operation until the new line is constructed, tested and put into service. The old pipeline will be deactivated and removed from service. It will be cleaned, filled with nitrogen (inert gas to detect pressure monitoring), maintained with cathodic protection, and monitored and left in place. Deactivation is proposed instead of removal to reduce impacts as there are other pipelines and infrastructure owned by other companies operating in the same corridor.</li> </ul>
Archaeological Assessment	<ul style="list-style-type: none"> <li>Past Recovery (BK) provided an overview of the firm and archaeology experience in Ontario.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>• BK provided an overview of the archaeological assessment planning. Draft Stage 1 report for the corridor is nearly complete pending final review. Imperial plans to provide to Indigenous communities for review and comment as well as to the MTCS.</li> <li>• BK noted that the western part of the corridor is mainly rural and the eastern part is more industrial/commercial/residential. ~2/3 of the corridor is on the existing Hydro One (HONI) corridor.</li> <li>• BK confirmed that through the Stage 1 review much of the study corridor contains archaeological potential for both pre-Contact and post-Contact archaeological resources.</li> <li>• BK confirmed that sections exhibiting areas of extensive subsurface disturbance and therefore no longer hold potential were identified in Stage 1.</li> <li>• BK confirmed that some sections have been subject to previous archaeological assessments that have cleared these areas of archaeological concerns.</li> <li>• BK confirmed that 11 registered archaeological sites were identified within, or in close proximity, to the project area including the Parsons site (AkGv-8).</li> <li>• BK stated that lands associated with the Niagara Escarpment and 15 major river crossings are considered to have a high potential for Indigenous archaeological sites;</li> <li>• BK stated that the land use history produced in the draft report has been informed by the archaeological record from a settler perspective. Imperial is seeking input from First Nations regarding your community's land use history and cultural narrative in order to provide a more inclusive context for the project. Imperial is also seeking advice on cultural places of concern to your community that may not have been identified in the draft Stage 1 report so that appropriate procedures and protocols are followed as the project progresses.</li> <li>• BK noted that communities with an interest in the project area are anticipated to include the following: <ul style="list-style-type: none"> <li>• Mississaugas of the New Credit First Nation</li> <li>• Six Nations of the Grand River</li> <li>• Huron-Wendat Nation</li> <li>• Haudenosaunee Development Institute</li> </ul> </li> <li>• Communities will have an opportunity to review and comment on the draft Stage 1 assessment report. Field Monitors will be included in the Stage 2 archaeological fieldwork.</li> <li>• BK noted that the proposed Stage 2 methodology and plan is comprehensive. Assessment of all areas of archaeological potential within the corridor will involve test pit shovel testing at 5 m intervals or field ploughing and surveying.</li> <li>• In addition to the Stage 2 archaeology fieldwork for the line, the trenchless HDD design methods require geotechnical assessment. Geotechnical assessment will start in the summer. We have met with the MTCS to confirm the archaeology pre-clearance requirements to support the geotechnical borehole investigation program.</li> <li>• There are approximately 140 proposed geotechnical borehole locations to support the project, of which ~97 are located within areas of archaeological potential. Stage 2 testing at borehole locations in areas of archaeological potential will include the excavation of 1 to 4 test pits. Field monitors would be involved in this archaeology work.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>BK explained that Imperial's proposed approach for boreholes in proximity to known archaeology sites (such as the Parsons site) is for a 1 x 1 m unit to precede the drilling at each of the borehole locations to avoid potential impacts.</li> <li>Six Nations (JT) explained that Six Nations Field Monitors have taken training and will take the Imperial online H&amp;S course. Imperial confirmed that we will provide link to all required online training.</li> <li>Six Nations (JT) confirmed Field Monitor participation for archaeology in advance of the geotech program (1 monitor) and for participation in the full Stage 2 field program (2 monitors). Monitors are trained and are able to dig test pits, field walk, put in a grid.</li> <li>Six Nations (PG) commented that traditional knowledge locations would be kept with the community and not shared. The onsite Field Monitors will have a role to report back to the Six Nations Lands office in the event of locating medicinal plants of interest to Six Nations.</li> <li>Six Nations (JT) asked if Imperial would be willing to share the results on the environmental field surveys (e.g. plants that are identified). Imperial confirmed that this can be provided once all surveys are complete.</li> <li>Six Nations (JT) is interested in knowing locations of Cattails and Bullrush vegetation.</li> </ul>
	<ul style="list-style-type: none"> <li></li> </ul>
<b>Summary of Actions</b>	
<ul style="list-style-type: none"> <li>Agreement signed. Prepare for deployment of Six Nations Field Monitors</li> </ul>	Who
<ul style="list-style-type: none"> <li>Imperial to provide link to online training requirements.</li> </ul>	CP
<ul style="list-style-type: none"> <li>Imperial to provide results of biophysical environmental field surveys once complete.</li> </ul>	JM

Potential topics to record for Isometrix reporting:

- |  |   |
|--|---|
| <input type="checkbox"/> Accidents and Malfunctions                                | <input type="checkbox"/> Aquatic Resources and species  |
| <input type="checkbox"/> Air Emissions and Noise                                   | <input checked="" type="checkbox"/> Archaeology         |
| <input type="checkbox"/> Alternatives  | <input type="checkbox"/> Community Contribution Request |
| <input type="checkbox"/> Cultural Heritage Resources                               | <input type="checkbox"/> Groundwater                    |
| <input type="checkbox"/> Emergency Response  | <input checked="" type="checkbox"/> Operational Issue   |
| <input checked="" type="checkbox"/> Excavation/Damage Prevention/Pipeline Location |   |
| <input type="checkbox"/> Right-of-Way/Access Agreement                             | <input type="checkbox"/> Traditional use                |
| <input type="checkbox"/> Safety, Health and Environment                            | <input checked="" type="checkbox"/> Vegetation          |
| <input type="checkbox"/> Socioeconomic (labour, economy, social)                   | <input type="checkbox"/> Wetlands                       |
|  | <input type="checkbox"/> Wildlife and Habitat           |

June 19, 2018

EXHIBIT H  
Imperial  
Record of Consultation - Supporting Documents  
Waterdown to Finch Pipeline Project

Meeting Summary Notes

Topic	Discussion
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Imperial's Sarnia Products Pipeline

# Waterdown to Finch Project

July 2018



## Agenda

- Welcome/ Open Meeting
- Introductions
- Safety Moment
- Overview of Waterdown to Finch Project
- Overview of Archaeology Planning
  - Archaeology Draft Stage 1 Results
  - Planned Stage 2 Methods
  - Geotechnical Assessment
- Meeting Adjourned

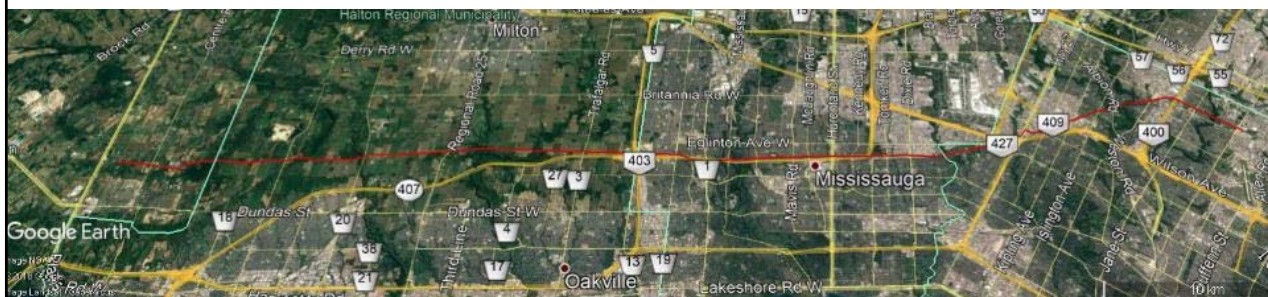


## Safety Moment

3

## Imperial's Sarnia Products Pipeline

- Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area
- SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA)
  - SPPL supplies a significant portion of product used at Toronto Pearson International Airport, and gasoline and diesel that keeps people, goods and services moving
- SPPL has operated safely in the region for many years



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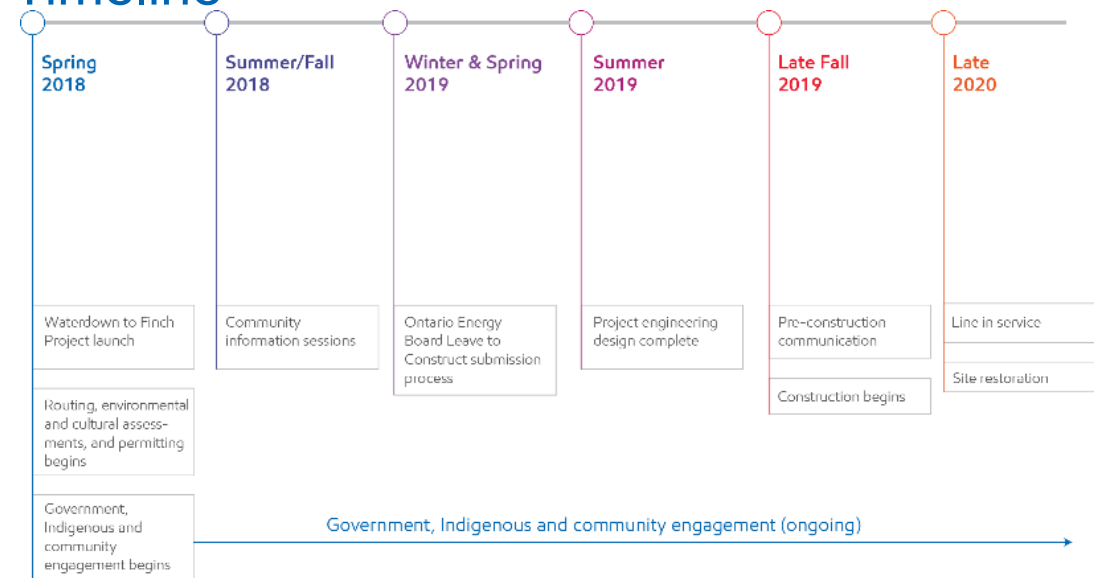
## Continued safety and reliability for the GTHA

- Imperial is planning to replace approximately 63 km of the line with new pipe
- The pipeline will continue to operate safely until the replacement segments are prepared for operation
- Imperial will apply for a Leave to Construct from the Ontario Energy Board, which includes an assessment of environmental effects and engagement with landowners, communities and Indigenous groups
  - Imperial will respect landowners' property and will seek to minimize disruptions
  - Imperial recognizes the importance of collaboration with Indigenous groups, municipalities and other community stakeholders

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## Timeline\*



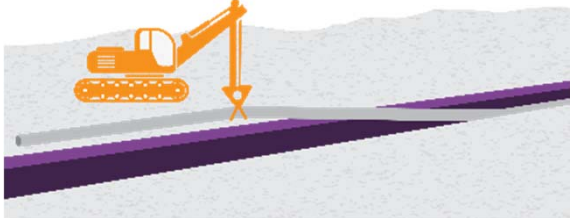
6 \* Subject to regulatory and permitting approvals



## Minimizing construction impacts

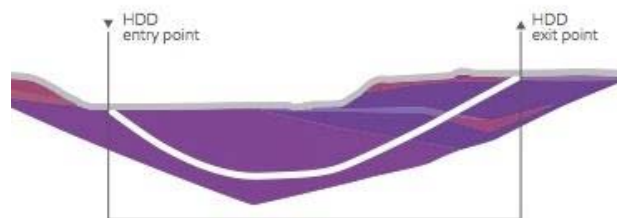
- Imperial will work with landowners, permitting authorities and different levels of government so construction impacts are as limited as possible
- Engineers and environmental surveyors work together to develop the pipeline route that minimizes impact to the environment and community
- Deactivated pipe will be removed from service, cleaned, filled with nitrogen and left in place to reduce environmental impacts
- Based on engineering and environmental surveys, Imperial will perform one of two construction techniques:

**Open cut construction**



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**Trenchless technology**



## Discussion

8



## Working Together on Archaeology Planning

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### About Us

- Past Recovery, established as a partnership in 2000, has conducted over 300 Stage 1 through Stage 4 archaeological assessments in Ontario since incorporation in 2013
- Brenda Kennett, M.A. and Jeff Earl, M.Soc.Sc., principals, have over 50 years of combined experience
- Located in Perth, Ontario, Past Recovery conducts archaeological assessments across eastern Ontario, as well as undertaking projects further afield in central, northern and southwestern Ontario



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## About Us

### Relationships with:

- Algonquins of Ontario
- Williams Treaties First Nations
- Mohawk Council of Akwesasne
- Mohawks of the Bay of Quinte
- Jessalyn Miller, B.A., Staff Archaeologist, has also previously worked with Indigenous Field Liaison Representatives from MNCFN, Six Nations, HDI and Huron-Wendat Nation since 2013



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## Preliminary Archaeological Stage 1 Results

### Archaeological Potential

- Much of the study corridor contains archaeological potential for both pre-Contact and post-Contact archaeological resources
- Sections of the corridor exhibit areas of extensive subsurface disturbance and therefore no longer hold potential
- Some sections have been subject to previous archaeological assessments that have cleared these areas of archaeological concerns



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## Preliminary Archaeological Stage 1 Results

### Archaeological Concerns

- 11 registered archaeological sites were identified within, or in very close proximity, to the project area including the Parsons site (AkGv-8) and 5 other pre-Contact Indigenous sites (a further 2 with cultural tradition unknown but likely Indigenous)
- Lands associated with the Niagara Escarpment and 15 major river crossings are considered to have a high potential for Indigenous archaeological sites
- The Credit River Valley, is a designated cultural landscape
- Historical mapping between 1858 and 1878 indicates historical settlements and associated features, including a small number of pioneer cemeteries, on lots associated with the corridor



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## Preliminary Archaeological Stage 1 Results

### Historical Context and Cultural Overview

- The land use history produced in the draft report has been informed by the archaeological record from a settler perspective
- We are seeking input from First Nations regarding your community's land use history and cultural narrative in order to provide a more inclusive context for the project
- We are also seeking advice on cultural places of concern to your community that may not have been identified in the draft Stage 1 report so that appropriate procedures and protocols are followed as the project progresses



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## Indigenous Engagement

- Communities with an interest in the project area are anticipated to include the following:
  - Mississaugas of the New Credit First Nation
  - Six Nations of the Grand River
  - Huron-Wendat Nation
  - Haudenosaunee Development Institute
- Communities will have an opportunity to review and comment on the draft Stage 1 assessment report
- Field Liaison Representative Monitors will be included in the Stage 2 archaeological fieldwork



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## Proposed Archaeological Stage 2 Methods

### Project Impact Mitigations

- Assessment of all areas of archaeological potential through shovel testing at 5 m intervals or pedestrian survey of ploughed fields at 5 m intervals
- Trenchless HDD boring at major river crossings
- Trenchless HDD boring beneath the Parsons site (AkGv-8) to reduce impacts

### Factors Limiting Archaeological Potential

- Visible disturbance into subsoils (described in Stage 1)
- Soil disturbances associated with the placement of previous utilities
- Areas of previous archaeological assessments and cleared of further archaeological concerns
- Permanently wet areas



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## Geotechnical Assessment

- ~140 geotechnical bore hole locations within existing utility corridor
  - ~97 are located within areas of archaeological potential
- Existing infrastructure will be used as much as possible for access (e.g., roads, driveways, paths, etc.)
- No soil stripping
- Equipment:
  - Low ground pressure wide track or tired rigs (hollow stem auger)
  - Tired support vehicle
- Drilling scheduled July to September 2018
- Borehole locations to be cleared of archaeological concern prior to drilling via targeted Stage 2 archaeological assessment



17



## Discussion

18



## For more information

W: [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)  
T: 416.586.1915  
E: [questions@imperialon.ca](mailto:questions@imperialon.ca)

Ministry of Energy, Northern  
Development and Mines

77 Grenville Street  
6<sup>th</sup> Floor  
Toronto ON M7A 2C1

Tel: (416) 325-6544

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

77, rue Grenville  
6<sup>e</sup> étage  
Toronto ON M7A 2C1

Tél: (416) 325-6544



## Indigenous Energy Policy

VIA EMAIL

September 25, 2018

Chief Eva Hill  
Six Nations of the Grand River Elected Council  
PO Box 5000  
Ohsweken, Ontario N0A 1M0

## Re: Imperial Waterdown Pipeline Project

Dear Chief Hill:

This letter is to notify you that the Ministry of Energy, Northern Development and Mines on behalf of Ontario has delegated the procedural aspects of consultation to Imperial Oil Limited for its' proposed Imperial Waterdown Pipeline Project in relation to the Ontario Energy Board's Leave to Construct approval process.

Imperial Oil is planning to redevelop a pipeline in order to provide fuel across the Greater Toronto and Hamilton Area, including jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel. The project consists of approximately 63 kilometers of the existing line with new pipe. The proposed pipeline will commence at Waterdown Station [43.33500° N, 79.93248° W], and will end at the company's terminal storage facility at North York's Finch Terminal [43.76652° N, 79.48878° W]. If approved, construction is anticipated to begin in 2019

I encourage representatives of your community to participate in efforts made by Imperial Oil Limited to consult your community on its proposed project so that you can receive project information and understand if there are any potential impacts on Aboriginal or treaty rights. The consultation process is an opportunity to provide your community's feedback to Imperial Oil Limited and the Crown, including any suggestions or proposals your community might have for mitigating, avoiding or accommodating any potential impacts to Aboriginal or treaty rights. Ministry officials are also available should you wish to contact the Crown directly. Please note that none of the foregoing should be taken to imply approval of this project.

Should you or any members of your community have questions regarding the material above, please contact Raina Crasto at 416-326-4571 or [raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca) and Shannon McCabe at 416-212-6704 or [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca).

Sincerely,

A handwritten signature in black ink, appearing to read "M. Owen", with a long horizontal flourish extending to the right.

Morgan Owen  
A/Manager  
Indigenous Energy Policy

C: Ontario Energy Board  
Ontario Pipeline Coordinating Committee (OPCC)  
Jessie Malone, Environmental and Regulatory Advisor, Safety Security Health and Environment, Imperial Oil Limited

# Waterdown to Finch Project - Stage 1 Archaeological Assessment

Jennifer Liddell

To: lonnybomberry@sixnations.ca, jthomas@sixnations.ca

Thursday, Sep 27th, 2018  
12:58 PM

Please find attached a copy of the Stage 1 Archaeological Assessment conducted by Past Recovery Archaeological Consultants for the Proposed Waterdown to Finch Project on behalf of Imperial Oil Limited. The present assessment has identified a number of registered archaeological sites within or in close proximity to the study corridor.

Imperial is seeking Indigenous review of the draft report to ensure that any traditional knowledge/information regarding traditional use sites, sacred sites, or other sites is reflected in the background documentation and the determination of archaeological potential. Let us know if you have any comments or questions, or any additional information that you feel may help inform the Stage 2 Assessment. A Stage 2 Archaeological Assessment is currently being undertaken to identify any as-yet unknown archaeological sites that may be impacted by the project.

Please provide a response by November 1, 2018 in order to inform the current field program.

Respectfully,

Kelly Williams  
Community Relations Officer  
602 Christina Street  
Sarnia, ON Canada N7T 7M5  
519-328-8681 Cell  
519 339 2265 Tel  
kelly.williams@esso.ca  
Imperialoil.ca

## 1 Attachments

### Download All

E.1 WFP Stage 1 Archaeological Assessment\_06Sept2018.pdf



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**November 15, 2018**  
**Meeting with Six Nations Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Six Nations*

- Lonny Bomberry, Director Lands and Resources (LB)
- Rose Miller, Archaeology Coordinator (RM)
- Waylon Bomberry, (WB)
- Matt Jocko, (MJ)
- Robin Lynne (RL)
- Dawn Laforme (DL)

*Imperial*

- Kelly Williams, Community Relations Officer (KW)
- Jessie Malone, Environment and Regulatory Advisor (JM)

*ERM*

- Jim Chan, Senior Consultant (JC)

*Past Recovery*

- Brenda Kennett, Archaeologist (BK)

**Meeting Objectives**

- Provide overview presentation of Imperial's Waterdown to Finch Project (the Project)
- Seek feedback on the Stage 1 Archaeological Assessment report
- Seek feedback on Field Monitor Program
- Share information on What We've Heard
- Share information on Leave to Construct process
- Discussion on Six Nation needs and consultation expectations

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Meeting held at Lands and Resources Department of the Six Nations, 2498 Chiefswood Road, Ohsweken, Ontario.</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Welcome</li> <li>• Introductions</li> <li>• Safety Moment</li> <li>• Overview of Waterdown to Finch Project (recap, if needed)</li> <li>• Archaeological Assessment and Planning                             <ul style="list-style-type: none"> <li>○ Seeking Feedback on Stage 1 Archaeological Assessment Report</li> <li>○ Seeking Feedback on Field Monitor Program</li> </ul> </li> <li>• Environmental Planning                             <ul style="list-style-type: none"> <li>○ What We've Heard</li> </ul> </li> <li>• Construction Methods                             <ul style="list-style-type: none"> <li>○ Minimizing Construction Impacts</li> <li>○ HDD and HD Bore</li> </ul> </li> <li>• Leave to Construct process</li> <li>• Discussion                             <ul style="list-style-type: none"> <li>○ Consultation Preferences</li> </ul> </li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>Meeting Adjourned</li> </ul>
Materials	<ul style="list-style-type: none"> <li>Imperial's Sarnia Products Pipeline Waterdown to Finch Powerpoint presentation Nov 2018</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>Imperial (KW) thanked everyone for taking their valuable time to met with us. We know it is a busy time in the community. We are appreciative of this.</li> <li>A round of introductions and a repeat of the Project overview to start the meeting since the last time we were here at Six Nations.</li> </ul>
Project Overview	<ul style="list-style-type: none"> <li>Imperial (JM) provided a Project overview. Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.</li> <li>SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA)</li> <li>SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline and diesel that keeps people, goods and services moving in the region.</li> <li>SPPL has operated in the region for many years. It has been in operation since the 1950s. The line is ~65 years old and as a proactive measure, Imperial proposes to replace approximately a 63-kilometre segment of this line with new pipe. The Waterdown to Finch Project (the Project) is the replacement segment from the company's Waterdown pump station in rural Hamilton to the Finch terminal storage facility in Toronto's North York area.</li> <li>Imperial has initiated discussions with the Ontario Energy Board (OEB). The major regulatory process will be the filing of the leave to construct application with the OEB.</li> <li>Imperial has engaged with the public, municipalities, regulators, landowners and Indigenous communities. Since our last meeting, we have continued to advance Project engineering design.</li> <li>Environmental field surveys were completed in spring, summer and fall to capture the field work during the seasonal windows. Archaeological assessment program and the geotechnical program field work are ongoing.</li> <li>Overview of timelines (as described in the PowerPoint presentation), Spring 2018 project launch; Summer/Fall 2018 Community Information Sessions; Winter/Spring 2019 submission to OEB; Summer 2019 engineering design complete; Late Fall 2019 pre-construction communication. 2020 is the potential start date.</li> <li>There are two proposed types of construction methods: open cut construction and trenchless: Horizontal Direction Drilling (HDD and Horizontal Directional Bore (HD Bore)). JM indicated that notionally, trenchless construction is planned for ~1/3 of the total line replacement. Construction method has been informed by geotechnical information and environmental considerations. Imperial will look to avoid major watercourses, major road crossings, provincially significant wetlands and important archaeological features by using HDD/HD Bore.</li> <li>Imperial (JM) explained that the current pipeline will remain in operation until the new line is constructed, tested and put into service. The old pipeline will be deactivated and removed from service. It will be cleaned, filled with nitrogen (inert gas to detect pressure</li> </ul>

Topic	Discussion
	<p>monitoring), maintained with cathodic protection, and monitored and left in place. Deactivation is proposed instead of removal to reduce net effects as there are other pipelines and infrastructure owned by other companies operating in the same corridor.</p>
Archaeological Assessment	<ul style="list-style-type: none"> <li>•</li> <li>• BK noted that the Stage 1 Archaeological Assessment report was provided to Six Nations, as well as to other communities, for review and comment.</li> <li>• Imperial is open to welcoming feedback on the Stage 1 report to ensure Six Nations comments and review is incorporated prior to submission to MTCS. Imperial is seeking feedback prior to early December 2018, where possible.</li> <li>• Imperial offered to re-send copy of the Stage 1 report.</li> <li>• JM noted that Imperial has mapping and can provide shapefiles, Google Earth files, based on the preferences of Six Nations.</li> <li>• Six Nations (RM), mapping files would be useful.</li> <li>• BK noted that communities with an interest in the project area are anticipated to include the following: <ul style="list-style-type: none"> <li>• Mississaugas of the New Credit First Nation</li> <li>• Six Nations of the Grand River <ul style="list-style-type: none"> <li>▪ Haudenosaunee Confederacy Chiefs Council/Haudenosaunee Development Institute</li> </ul> </li> <li>• Huron-Wendat Nation</li> </ul> </li> <li>• BK noted that the proposed Stage 2 methodology and plan is comprehensive. Indigenous Field Monitors are participating in Stage 2. Assessment of all areas of archaeological potential within the corridor will involve test pit shovel testing at 5 m intervals or field ploughing and surveying.</li> <li>• In addition to the Stage 2 archaeology fieldwork for the line, the trenchless HDD design methods require geotechnical assessment. Geotechnical assessment began in October. We have met with the MTCS to confirm the archaeology pre-clearance requirements to support the geotechnical borehole investigation program.</li> </ul>
Feedback on Field Monitoring Program	<ul style="list-style-type: none"> <li>• Imperial (KW) I have met some of the Six Nations Field Monitors on site, they are enthusiastic and I've seen a positive exchange of knowledge between the Field Monitors and the Project team crews. Work is collaborative and working well.</li> <li>• KW asked, from Six Nation's perspective, how is the Field Monitoring Program going?</li> <li>• Six Nations (RM) replied generally going well. A few areas of miscommunication to raise.</li> <li>• Six Nations Field Monitors were asked for vehicle beacons and specific hard hats and another time for specific fire retardant coveralls (not standard PPE) but this has not been clear/consistent. There was an incident of signing-in. Field Monitor thought he was signed-in but was not apparently. One instance where archaeology assessment was to occur but matting on the ground was already there.</li> <li>• Imperial (KW) thank you for the feedback. We will need to communicate more clearly. Yes, green coloured hard hats are required on the right-of-way and vehicle beacons as</li> </ul>

Topic	Discussion
	<p>well. Beacons and green hard hats will be provided if Field Monitors do not have their own. As program continues this will be smoother and communication will be clearer.</p> <ul style="list-style-type: none"> <li>• BK indicated that our Project team crews have been working well together and appreciate the Field Monitor participants. In the field, the group works together to make an appropriate assessment/recommendation and next steps.</li> </ul>
Environmental Planning	<ul style="list-style-type: none"> <li>• Imperial (JM) shared that we conducted environmental field surveys such as vegetation and wetlands, terrestrial, bird, bats, amphibians, and fish habitat. The field data was used to assist with Project planning, helped inform the scope of work for construction, helps to avoid and mitigate impacts to the environment.</li> <li>• Fish habitat assessments informed whether or not in-water work during construction will need to avoid the timing of sensitive fish life stages.</li> <li>• Vegetation and wetland surveys informed the presence of rare plants and wetlands which may need to be either avoided or environmental effects mitigated and/or compensated. We mapped the Provincially Significant Wetlands (PSW) and the Project design plans to avoid all of them.</li> <li>• Groundwater and surface water studies identified water uses such as water wells and informed water management planning.</li> <li>• Alternatives: Regulatory, stakeholder and landowner engagement has influenced the alignment and construction methods. The Project is proposed within Imperial's existing right-of-way for the first 1/3 and then it enters the HONI utility corridor. This is the best alternative route to minimize impacts. The Project planning also includes alternative methods, in particular alternative construction installation methods (i.e. trench versus trenchless). Nearly 1/3 of the total line will be installed using trenchless construction methods (HDD and HD Bore) to avoid major highways, major watercourse crossings, sensitive areas (i.e. Provincially Significant Wetlands).</li> </ul>
What We've Heard	<ul style="list-style-type: none"> <li>• Imperial (JM) provided the information on what we've heard and how Imperial has responded and/or how the comment has helped influence the Project design.</li> <li>• Protecting natural heritage <ul style="list-style-type: none"> <li>• Conducted vegetation and wetlands, Species at Risk, and fish habitat field surveys. Scheduled construction outside of sensitive Species at Risk timing windows, where feasible.</li> <li>• </li> </ul> </li> <li>• Identifying route alternatives <ul style="list-style-type: none"> <li>• Avoid electricity transmission infrastructure by re-routing new pipeline within the existing Hydro One utility right-of-way and using alternate construction methods such as boring and directional drilling techniques to avoid sensitive surface areas.</li> </ul> </li> <li>• Supporting emergency response preparedness <ul style="list-style-type: none"> <li>• Worked collaboratively with stakeholders to review emergency plan. Imperial collaborated with local emergency services and others in recent Emergency Response Exercise.</li> </ul> </li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>Minimizing impacts to local transportation networks               <ul style="list-style-type: none"> <li>Use of trenchless construction methods to avoid major roadways. Will implement traffic management plans and mitigation measures to minimize traffic impacts</li> </ul> </li> <li>Preserving known archaeological and cultural heritage resources               <ul style="list-style-type: none"> <li>Avoid known archaeological sites</li> <li>Engage Indigenous Field Monitors and consultation office on archaeological assessment planning and review. Worked collaboratively with Indigenous Field Monitors on archaeological assessments and environmental field surveys.</li> </ul> </li> <li>Completed an impact assessment on agricultural lands.</li> <li>Providing detailed maps and online resources. An “online information session” with ongoing Project updates and detailed maps at <a href="http://imperialoil.ca/waterdowntofinch">imperialoil.ca/waterdowntofinch</a>.</li> </ul>
Consultation What We’ve Heard (continued)	<ul style="list-style-type: none"> <li>Imperial (JM, KW) noted that a series of Community Information Sessions were recently held in municipalities. Imperial noted that we would be willing to offer a Community Information Session or an open house presentation in the community based on your preference and need.</li> <li>Six Nation (LB) replied that we have not had these typically. If the Lands and Resources group felt this was needed and important, we would do so ourselves or bring proponents in.</li> <li>Imperial (JM, KW), thank you. If you feel this is necessary, we can offer this. KW noted that the community’s primary interest is on stewardship and archaeological assessment planning and participation.</li> </ul>
Leave to Construct process	<ul style="list-style-type: none"> <li>ERM (JC) provided an overview of the Leave to Construct (LTC) process, explained the LTC process flow and indicated the OEB regulatory consultation points.</li> <li>Imperial is preparing the Environmental Report and planning to submit the LTC application in Q1 2019 to the Ontario Energy Board. We are in the pre-application phase and Imperial’s consultative approach is to consult early. Feedback can be received at any time, regardless of the OEB’s regulatory consultation points.</li> <li>Once application filed, the OEB will issue a notice to the public. Individuals/organizations/communities can provide letters of comment or participate as an intervener. OEB will organize a written/oral hearing to seek comments prior to the OEB Board’s decision.</li> <li>ERM (JC) reiterated that our consultative approach is that feedback and comments/concerns can be raised at anytime for response and not dependent on OEB’s regulatory points.</li> </ul>
Discussion	<ul style="list-style-type: none"> <li>Six Nations (LB), how do you determine extent of known site and testing area? I.e. for example the Parsons site.</li> <li>BK replied that at known sites, one by one metre units will be excavated if required to determine the site limits. Testing will cover the project footprint and appropriate site buffers will be in place during construction.</li> <li>LB, tell me about spills/ spill prevention during operations?</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>Imperial has a strong focus on safety and spill prevention. The pipeline replacement is a proactive safety measure.</li> <li>Prior to construction, Imperial will develop a spill management plan to prevent and respond to a leak or spill during the construction phase. During operation, Imperial will take proactive safety measures to prevent spills. We have a robust Emergency Response Plan. Regulations and government oversight dictate how we prepare for and respond to a potential pipeline spill. We would be responsible for cleaning up and mitigating damages.</li> <li>Imperial has proactive safety measures: <ul style="list-style-type: none"> <li>We use in-line inspection tools, which are sent from one side of the line to the other and measures the inside diameter of the pipeline and assesses the integrity of the line.</li> <li>Imperial flies the line every week; portions that cannot be flown are ground patrolled.</li> <li>Line is monitored 24 hours a day, 365 days a year.</li> <li>In the unlikely event of a spill, the line will be shutdown immediately. We would implement the Emergency Response Plan, evaluate the hazards and risks, protect people, protect waterways and wildlife, protect property, coordinate the emergency response and clean up the site.</li> </ul> </li> <li>LB, when is HDD used? Is it used for under sensitive areas? <ul style="list-style-type: none"> <li>Trenchless construction (HDD or HD Bore) installation is used to avoid and mitigate impacts to sensitive surface areas. We will use HDD or HD Bore to go underneath and avoid major roadways, major watercourse crossing and sensitive areas such as Provincially Significant Wetlands. This is part of the Project design.</li> </ul> </li> <li>LB, tell us about wildlife sightings?</li> <li>There have been sightings of SARs bobolinks in agricultural fields, presence of milkweed (Monarch butterfly), butternut trees, etc. No sightings of Jefferson salamander but presence of salamander habitat. Six Nations -- we would review the wildlife report as part of the LTC application.</li> <li>Imperial (KW), could you tell us what other expectations you would have for capacity funding and consultation?</li> <li>Six Nations, yes, in addition to participation of Field Monitors, we would appreciate periodic updates and notification of the OEB process.</li> </ul>
Closing	<ul style="list-style-type: none"> <li>Imperial (KW), as I have become more familiar with Six Nations history and what you have accomplished, it is impressive. You should be very proud of it. Thank you again for taking the time to meet with us.</li> <li>Six Nations – you are welcome. We are proud of it.</li> </ul>
	<ul style="list-style-type: none"> <li></li> </ul>
Summary of Actions	
Who	

Topic	Discussion
<ul style="list-style-type: none"> <li>As program continues, organizing logistics for Field Monitor program will be smoother and communication will be clearer.</li> </ul>	KW
<ul style="list-style-type: none"> <li>Provide Six Nations with copy of Stage 1 Archaeology Assessment again</li> </ul>	KW
<ul style="list-style-type: none"> <li>Provide Six Nations with mapping shapefiles, Google Earth files</li> </ul>	KW
<ul style="list-style-type: none"> <li>Provide Six Nations with information once application filed with OEB. Provide periodic updates to Six Nations.</li> </ul>	KW

Potential topics to record for Isometrix reporting:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Accidents and Malfunctions          | <input type="checkbox"/> Aquatic Resources and species  |
| <input type="checkbox"/> Air Emissions and Noise                        | <input checked="" type="checkbox"/> Archaeology         |
| <input checked="" type="checkbox"/> Alternatives                        | <input type="checkbox"/> Community Contribution Request |
| <input type="checkbox"/> Cultural Heritage Resources                    | <input type="checkbox"/> Groundwater                    |
| <input checked="" type="checkbox"/> Emergency Response                  | <input checked="" type="checkbox"/> Operational Issue   |
| <input type="checkbox"/> Excavation/Damage Prevention/Pipeline Location |   |
| <input type="checkbox"/> Right-of-Way/Access Agreement                  | <input type="checkbox"/> Traditional use                |
| <input type="checkbox"/> Safety, Health and Environment                 | <input checked="" type="checkbox"/> Vegetation          |
| <input type="checkbox"/> Socioeconomic (labour, economy, social)        | <input type="checkbox"/> Wetlands                       |
|   | <input type="checkbox"/> Wildlife and Habitat           |

**Jim Chan**

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**Subject:** FW: FW: Waterdown to Finch-Imperial Project

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**From:** Williams, Kelly /C  
**Sent:** Thursday, September 20, 2018 3:37 PM  
**To:** 'Imperial Isometrix' <[Imperial-isometrix@national.ca](mailto:Imperial-isometrix@national.ca)>  
**Subject:** FW: FW: Waterdown to Finch-Imperial Project

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**From:** Williams, Kelly /C  
**Sent:** Wednesday, September 19, 2018 5:13 PM  
**To:** Todd Williams <[williams.todde@gmail.com](mailto:williams.todde@gmail.com)>; Wayne Hill <[tworowarchaeology@gmail.com](mailto:tworowarchaeology@gmail.com)>  
**Cc:** HDI Tracy <[traceyghdi@gmail.com](mailto:traceyghdi@gmail.com)>; Misty Hill <[mistyhdi@gmail.com](mailto:mistyhdi@gmail.com)>; Brian Doolittle <[ganowa@me.com](mailto:ganowa@me.com)>; Aaron Detlor <[aarondetlor@gmail.com](mailto:aarondetlor@gmail.com)>; Liddell, Jennifer H <[jennifer.h.liddell@esso.ca](mailto:jennifer.h.liddell@esso.ca)>; Malone, Jessie M <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>  
**Subject:** RE: FW: Waterdown to Finch-Imperial Project

Hi Wayne and Todd-I apologize for not getting the letter out to your team today. It has one final channel to get through and it will be delivered to you tomorrow, hard copy to be delivered to the office. We have made arrangements to delay archeology work specific to the project until Wednesday. Hopefully we can get everything in place before then. Please give me a call if you have any questions. 519-328-8681.

Thank you for sending the agreement. I think it will help us get to where we need to be much faster. Have a great night. Talk to you tomorrow. -kelly

**From:** Todd Williams [<mailto:williams.todde@gmail.com>]  
**Sent:** Wednesday, September 19, 2018 11:30 AM  
**To:** Williams, Kelly /C <[kelly.williams@esso.ca](mailto:kelly.williams@esso.ca)>  
**Cc:** Wayne Hill <[tworowarchaeology@gmail.com](mailto:tworowarchaeology@gmail.com)>; HDI Tracy <[traceyghdi@gmail.com](mailto:traceyghdi@gmail.com)>; Misty Hill <[mistyhdi@gmail.com](mailto:mistyhdi@gmail.com)>; Brian Doolittle <[ganowa@me.com](mailto:ganowa@me.com)>; Aaron Detlor <[aarondetlor@gmail.com](mailto:aarondetlor@gmail.com)>; Liddell, Jennifer H <[jennifer.h.liddell@esso.ca](mailto:jennifer.h.liddell@esso.ca)>; Malone, Jessie M <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>  
**Subject:** Re: FW: Waterdown to Finch-Imperial Project

Good morning Kelly,

Wayne Hill asked me to follow up with you,

I've attached a signed copy of HDI's standard service agreement.

Please review, if agreed to, please sign and return a copy.

Thanks,

**Todd E. Williams, P.Eng.**  
Monitoring Program Coordinator  
Haudenosaunee Development Institute (HDI)

EXHIBIT H  
Haudenosaunee Development Institute (HCCC)  
Six Nations of the Grand River Territory  
T: [519-445-4222](tel:519-445-4222)  
C: [519-761-1794](tel:519-761-1794)  
<https://www.haudenosauneeconfederacy.com>

On Wed, Sep 19, 2018 at 7:33 AM, Williams, Kelly /C <[kelly.williams@esso.ca](mailto:kelly.williams@esso.ca)> wrote:

Good morning Wayne-Thank you for sending me the email address. I did receive the second email with the correct address. I am hoping the letter is ready to go sometime today. We will send a draft monitoring agreement that also covers environmental monitoring with the letter, however please send me a copy of the HDI archaeological agreement if you can.

If you have any concerns while conducting your site visits, please give me a call, you have my number. Thanks! -kelly

**From:** Wayne Hill [mailto:[tworowarchaeology@gmail.com](mailto:tworowarchaeology@gmail.com)]  
**Sent:** Tuesday, September 18, 2018 9:23 PM  
**To:** Williams, Kelly /C <[kelly.williams@esso.ca](mailto:kelly.williams@esso.ca)>  
**Cc:** HDI Tracy <[traceyghdi@gmail.com](mailto:traceyghdi@gmail.com)>; Misty Hill <[mistyhdi@gmail.com](mailto:mistyhdi@gmail.com)>; Brian Doolittle <[ganowa@me.com](mailto:ganowa@me.com)>; Aaron Detlor <[aarondetlor@gmail.com](mailto:aarondetlor@gmail.com)>; Todd Williams <[williams.todde@gmail.com](mailto:williams.todde@gmail.com)>  
**Subject:** Re: FW: Waterdown to Finch-Imperial Project

Good evening Kelly,

Just to follow up on our conversation from earlier today. As you indicated the archaeology work has been stopped and ESSO is respecting the cease and desist from my initial email. Also to reiterate for clarification sake and contrary to misinformation put forth by unsubstantiated sources the HDI is still operating with our day to day business as per usual.

Its also my understanding Esso intends on signing the HDI's archaeological agreement before resuming work. I will be conducting on site visits to the project area to ensure ESSO is being sincere and factual on the cease and desist. Also the HDI/HCCC should expect an email indicating ESSO's intention to formally engage and hard copies to follow this via courier.

As requested here is the HDI email address [Hdi@bellnet.ca](mailto:Hdi@bellnet.ca)

Thanks Wayne,

On Tue, Sep 18, 2018, 11:49 AM Williams, Kelly /C, <[kelly.williams@esso.ca](mailto:kelly.williams@esso.ca)> wrote:

---

**From:** Williams, Kelly /C  
**Sent:** Tuesday, September 18, 2018 11:40 AM  
**To:** '[tworowarcheology@gmail.com](mailto:tworowarcheology@gmail.com)' <[tworowarcheology@gmail.com](mailto:tworowarcheology@gmail.com)>  
**Cc:** Liddell, Jennifer H <[jennifer.h.liddell@esso.ca](mailto:jennifer.h.liddell@esso.ca)>  
**Subject:** Waterdown to Finch-Imperial Project

Hi Wayne,

We are in receipt of your email dated September 17. I apologize for the unreturned calls. We have had some transition on our project team recently. Please give me a call at 519-328-8681 and I can provide you with more information.

Respectfully,

*Kelly Williams*

Community Relations Advisor

[602 Christina Street](#)

[Sarnia, ON Canada N7T 7M5](#)

EXHIBIT H

Record of Consultation - Supporting Documents

519-328-8681 Cell

519 339 2265 Tel

[kelly.williams@esso.ca](mailto:kelly.williams@esso.ca)

Imperialoil.ca



**Robert Ballinger**  
Area Manager, East Canada  
P: 519.333.7556  
E: robert.e.ballinger@esso.ca

September 20, 2018

Haudenosaunee Development Institute  
16 Sunrise Court, Ste. 600  
Ohsweken, ON N0A 1M0  
Six Nations of the Grand River Territory  
519.445.4222

Dear Sir or Madam,

Members of our project team were happy to begin the conversation with the Haudenosaunee Confederacy Chiefs Council (HCCC) with representatives from the Haudenosaunee Development Institute (HDI), regarding our Waterdown to Finch pipeline replacement project, at the meeting on August 15 in Ohsweken.

On September 11 the Ministry of Energy, Northern Development and Mines (Ministry) sent a letter on behalf of Ontario, informing us that they are delegating the procedural aspects of the Crown's duty to consult, to Imperial. As the proponent of the project, we have been advised by the Ministry to send correspondence and information to the HCCC directly and to copy HDI.

It is Imperial's intention to engage meaningfully with the HCCC, including the involvement of field monitors and reasonable costs associated with project review. We continue to hope that an agreement regarding the monitors can be executed as soon as possible. We recognize that costs are incurred to review project information from proponents, and we are willing to enter into a capacity funding agreement for this purpose.

We hope that the HCCC will consider this approach in reviewing the project. Our intention is to be respectful, transparent and inclusive. As a publicly traded company, we are bound by the laws and regulations of Canada and Ontario, and must adhere to the structures within them.

In regard to the application information requested by HDI at the August 15 meeting, we would like to provide the following:

1. The municipal address of the proposed project is situated between Imperial's Waterdown Pump Station (100 Concession 5 East, Waterdown, ON) and Finch Receiver Valve (1150 Finch Avenue, Toronto, ON). The route is approximately 63-kilometres and intersects the Cities of Hamilton, Burlington, Oakville, Mississauga and Toronto.
2. A map is attached, titled ONT-WF-SPPL-UP-DK-0039.
3. Between 0 and 18.7 km, the planned pipeline will be within existing Imperial Oil owned right-of-way (ROW) which is approximately 15 m (50 ft.) in width. Between 18.9 and 61.5 km, the pipeline will require new ROW within a Hydro One Networks Inc. (HONI) corridor. The surrounding land use varies between agriculture, parkland, urban residential and commercial. The current land use is industrial, per O.Reg. 154/04. The proposed land use is industrial, per O.Reg. 154/04.
4. The archaeology program for the project is extensive, and is one aspect for which we are hopeful that HCCC field monitors will be active on site. A Stage 1 Archeological Assessment is drafted, but has not been submitted to the Ministry of Tourism, Culture, and Sport (MTCS). Imperial intends to send this to HCCC prior to submitting it to MTCS.
5. A Stage 2 Archeological Assessment is planned for September to December 2018; the work for which monitors will be engaged.
6. Environmental field studies (i.e., wildlife, vegetation, aquatics) began in spring 2018 and will continue through fall 2018 in order to capture the appropriate seasonal windows. An

environmental report in support of the Ontario Energy Board (OEB) Leave to Construct application, and a Public Works Class Environmental Assessment for Infrastructure Ontario (IO) are being prepared. Environmental field monitors would also be engaged from HCCC, if desired, for any outstanding environmental field programs.

The proposed schedule of the project is as follows:

- Spring/summer/fall 2018 – Environmental studies
- Summer/Fall 2018 – Community information sessions
- Winter/ Spring 2019 – OEB Leave to Construct application and IO Class EA submission
- Summer 2019 – Engineering design complete
- Late Fall 2019 – Construction begins
- Late 2020 – Line in-service

The Project is seeking the following permits or approvals:

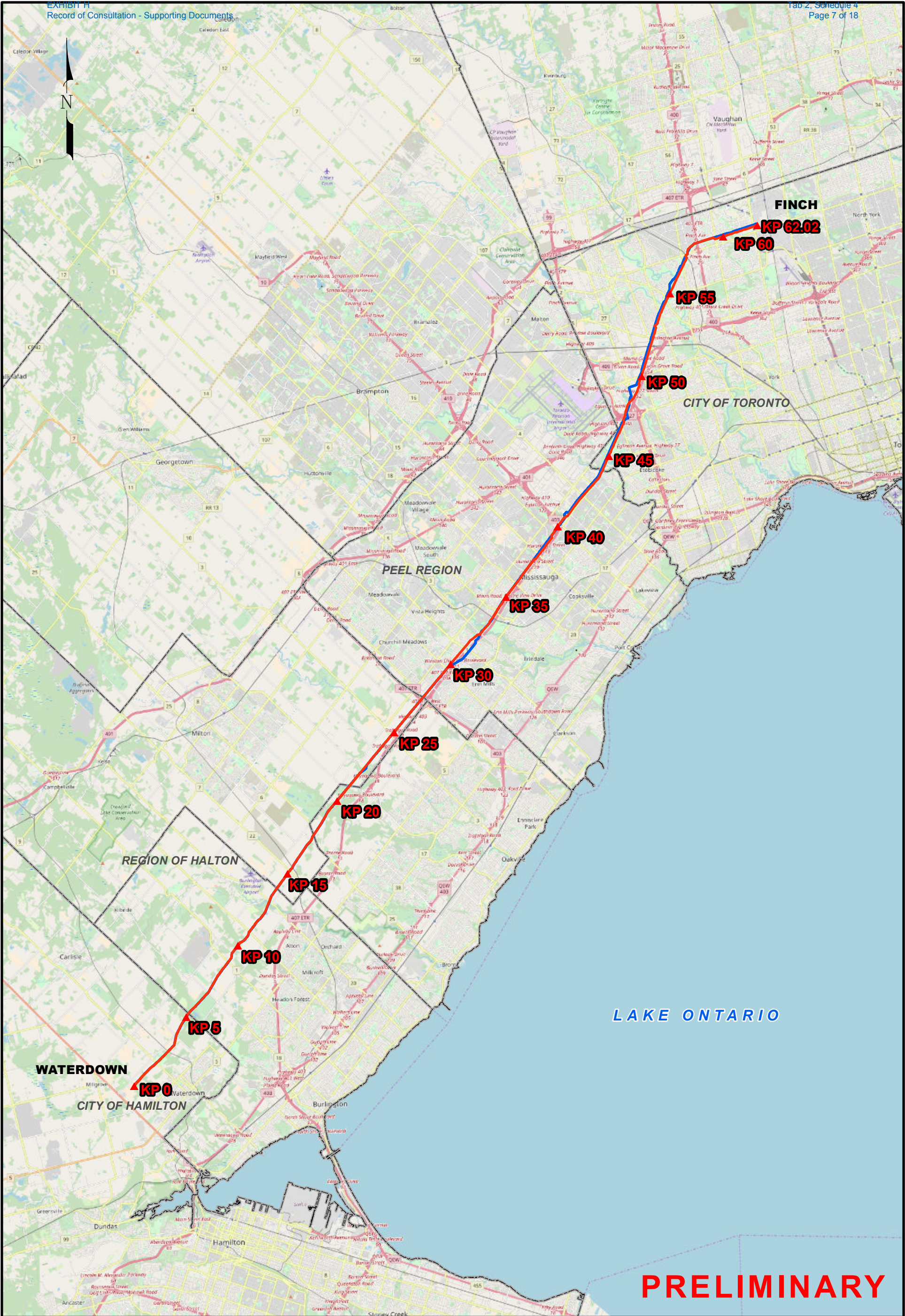
- Ontario Energy Board: Leave to Construct
- Infrastructure Ontario: Public Works Class Environmental Assessment
- Niagara Escarpment Commission: Development Permit
- Ministry of Natural Resources and Forestry: permit requirements to be determined, based on field results
- Ministry of Tourism, Culture and Sport: Archaeology and Cultural/Built Heritage Clearance
- Ministry of Environment, Conservation and Parks: Water Taking Permit (to be confirmed)
- Various Conservation Authorities: Development, Interference with Wetlands and Alterations to Shorelines and Watercourses
- Fisheries and Oceans Canada: Request for Review
- Various Cities/Municipalities: Tree Removal/Damage permits
- Hydro One Networks Inc. (HONI) Grant of Easement (station lands)
- HONI Temporary Use and Access Agreement/License (station lands)
- HONI Construction and Encroachment (easement lands)
- IO Grant of Easement (corridor lands)
- IO Temporary Use and Access Agreement/License (corridor lands)

It is our understanding that HDI manages the field monitor program on behalf of HCCC. We have received the HDI Archaeological Monitoring agreement and will respond separately very soon.

Our goal is to provide project information and carefully consider all comments and concerns that are raised. If you require clarification on any of the information contained here, or have any questions please contact Kelly Williams, Community Relations Advisor, at [kelly.williams@esso.ca](mailto:kelly.williams@esso.ca) or (519) 328-8681.

Respectfully,

Robert Ballinger



**LEGEND**

- Kilometre Post
- Proposed Route
- Existing Waterdown-Finch Pipeline
- Region

0 2 4 8

Kilometres

REV	DESCRIPTION	DATE
0	ISSUE FOR USE	09/12/18

Prepared By:

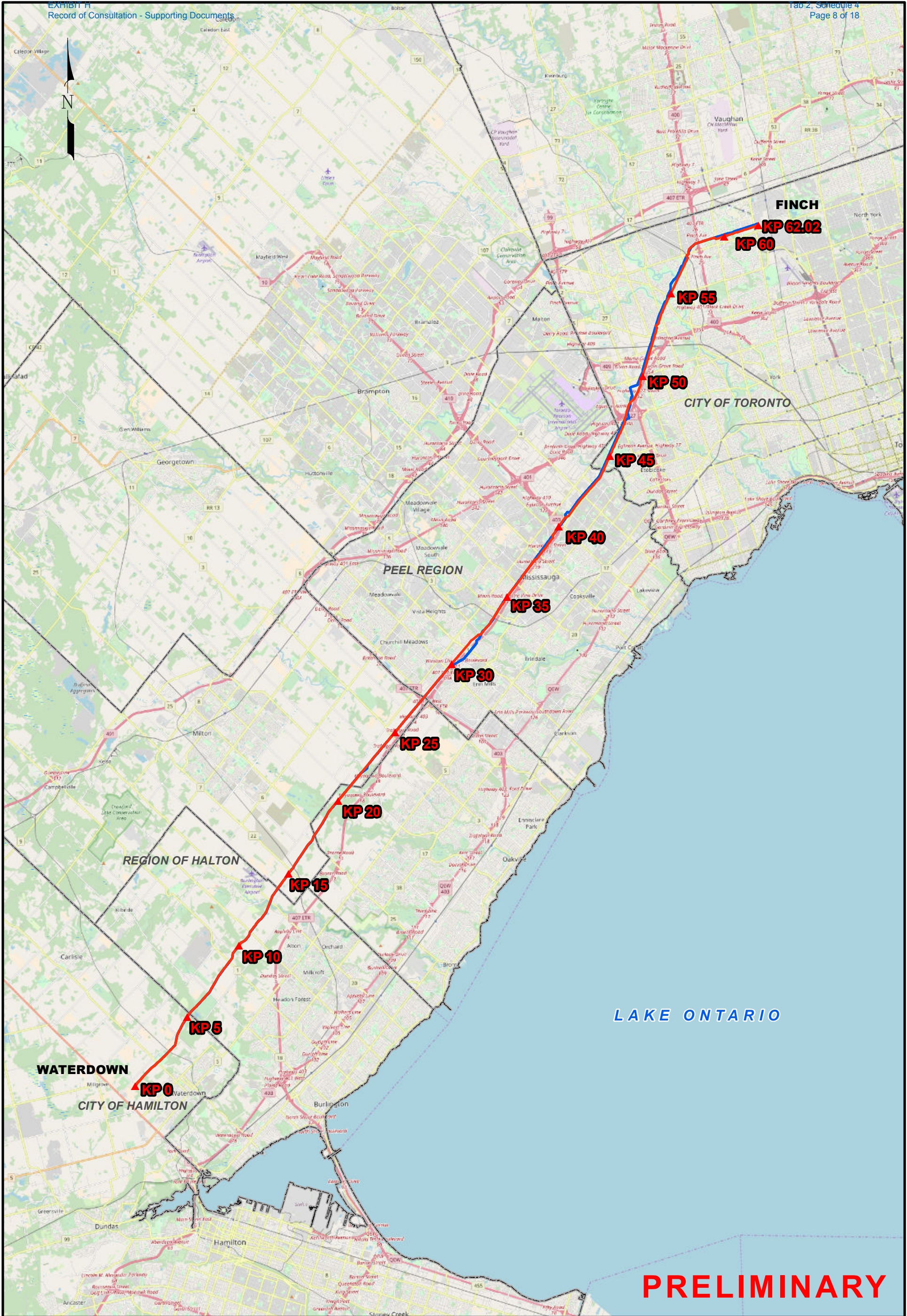
UniversalPegasus INTERNATIONAL  
A Subsidiary of Huntington Ingalls Industries  
Universal Pegasus, Inc. Town Engineering Professionals Inc. #15402

DWN BY:	DMN	DATE:	08/10/18
REV BY:	HMC	DATE:	09/12/18
APR BY:	JAW	DATE:	09/12/18

Imperial

**WATERDOWN TO FINCH PROJECT (NPS 12)**  
**OVERVIEW ROUTE MAP (1:200,000)**  
GTA, ONTARIO

DRAWING:	ONT-WF-SPPL-UP-DK-0039	REV	
SCALE:	1 cm=2 km	SHEET:	1 OF 1
			A



<b>LEGEND</b>		<div><div>0248</div><div>Kilometres</div></div>		Prepared By:		<div><div></div><div><b>Imperial</b></div></div>	
	Kilometre Post	<b>REV</b>	<b>DESCRIPTION</b>	<b>DATE</b>	<div><div></div><div><b>UniversalPegasus</b> INTERNATIONAL A Subsidiary of Huntington Ingalls Industries <small>Universal Pegasus, Inc. Trade Engineering Plans Ltd. # P-1042</small></div></div>		<div><b>WATERDOWN TO FINCH PROJECT (NPS 12)</b> <b>OVERVIEW ROUTE MAP (1:200,000)</b> GTA, ONTARIO</div>
	Proposed Route				<b>DWN BY:</b> DMN	<b>DATE:</b> 08/10/18	
	Existing Waterdown-Finch Pipeline				<b>REV BY:</b> HMC	<b>DATE:</b> 09/12/18	
	Region				<b>APR BY:</b> JAW	<b>DATE:</b> 09/12/18	
		<b>0</b>	ISSUE FOR USE	09/12/18			
					<b>DRAWING:</b> ONT-WF-SPPL-UP-DK-0039	<b>REV</b>	
					<b>SCALE:</b> 1 cm=2 km	<b>SHEET:</b> 1 OF 1	
						<b>A</b>	

Ministry of Energy, Northern  
Development and Mines

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

77 Grenville Street  
6<sup>th</sup> Floor  
Toronto ON M7A 2C1

77, rue Grenville  
6<sup>e</sup> étage  
Toronto ON M7A 2C1

Tel: (416) 325-6544

Tél: (416) 325-6544



## Indigenous Energy Policy

VIA EMAIL

September 25, 2018

Haudenosaunee Confederacy Chiefs Council  
C/o Haudenosaunee Development Institute  
P.O Box 714  
Ohsweken, ON N0A 1M0

## Re: Imperial Waterdown Pipeline Project

This letter is to notify you that the Ministry of Energy, Northern Development and Mines on behalf of Ontario has delegated the procedural aspects of consultation to Imperial Oil Limited for its' proposed Imperial Waterdown Pipeline Project in relation to the Ontario Energy Board's Leave to Construct approval process.

Imperial Oil is planning to redevelop a pipeline in order to provide fuel across the Greater Toronto and Hamilton Area, including jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel. The project consists of approximately 63 kilometers of the existing line with new pipe. The proposed pipeline will commence at Waterdown Station [43.33500° N, 79.93248° W], and will end at the company's terminal storage facility at North York's Finch Terminal [43.76652° N, 79.48878° W]. If approved, construction is anticipated to begin in 2019

I encourage representatives of your community to participate in efforts made by Imperial Oil Limited to consult your community on its proposed project so that you can receive project information and understand if there are any potential impacts on Aboriginal or treaty rights. The consultation process is an opportunity to provide your community's feedback to Imperial Oil Limited and the Crown, including any suggestions or proposals your community might have for mitigating, avoiding or accommodating any potential impacts to Aboriginal or treaty rights. Ministry officials are also available should you wish to contact the Crown directly. Please note that none of the foregoing should be taken to imply approval of this project.

Should you or any members of your community have questions regarding the material above, please contact Raina Crasto at 416-326-4571 or [raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca) and Shannon McCabe at 416-212-6704 or [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca).

Sincerely,

A handwritten signature in black ink, appearing to read "M. Owen", with a stylized flourish at the end.

Morgan Owen  
A/Manager  
Indigenous Energy Policy

C: Ontario Energy Board  
Ontario Pipeline Coordinating Committee (OPCC)  
Jessie Malone, Environmental and Regulatory Advisor, Safety Security Health and  
Environment, Imperial Oil Limited

# Waterdown to Finch Project - Stage 1 Archeology Report

Jennifer Liddell

To: [tworowarchaeology@gmail.com](mailto:tworowarchaeology@gmail.com), [karl.j.hill@gmail.com](mailto:karl.j.hill@gmail.com), Todd Williams

Tuesday, Oct 16th, 2018

12:10 PM

Wayne

As requested, please find attached an electronic copy of the Stage 1 Archaeological Assessment conducted by Past Recovery Archaeological Consultants for the Proposed Waterdown to Finch Project on behalf of Imperial Oil Limited.

Regards

Kelly Williams  
Community Relations Officer

**1** Attachments

**Download All**

E.1 WFP Stage 1 Archaeological Assessment\_06Sept2018.pdf



## Haudenosaunee Development Institute

---

November 5, 2018

**Jessie Malone, P.Eng**

**Environmental and Regulatory Advisor**

Safety Security Health and Environment, Imperial

505 Quarry Park Blvd. SE, Calgary, AB T2C 5N1

Dear Ms. Malone:

**RE: Waterdown to Finch Project ('Project')**  
**Our File No.: 030-126-003**

Thank you for meeting with us on October 25, 2018. It was a pleasure meeting you and your team.

### Introduction

As you are aware we requested the meeting further to Mr. Ballinger's letter of September 20, 2018 (received on September 24, 2018) which set out Imperial's intention to proceed with the Project. In this regard, we make reference to the Supreme Court of Canada in *Delgamuukw* where the court stated at paragraph 168 that:

Of course, even in these rare cases when the minimum acceptable standard is consultation, this consultation must be in good faith, and with the intention of substantially addressing the concerns of the aboriginal peoples whose lands are at issue. In most cases, it will be significantly deeper than mere consultation. Some cases may even require the full consent of an aboriginal nation, particularly when provinces enact hunting and fishing regulations in relation to aboriginal lands.

As you are aware the *United Nations Declaration on the Rights of Indigenous Peoples* also speaks to consent at Article 19 where it states that:

States shall consult and cooperate in good faith with the indigenous peoples concerned through their own representative institutions in order to obtain their free, prior and informed consent before adopting and implementing legislative or administrative measures that may affect them.

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### OUR LAND, OUR LAW, OUR PEOPLE, OUR FUTURE

## September 20, 2018 Imperial Correspondence

Receipt of your letter on or about September 24, 2018 was the first notification we received in relation to the Project.

We indicated that the Crown, and specifically, the Ministry of Energy, Mines and Northern Development ('Ministry') had not provided any notification in relation to the Project, despite knowledge, both real and constructive, that the Project would impair, interfere with, and otherwise infringe upon Haudenosaunee rights and interests including the Haudenosaunee's unsundered title interests upon the land where the Project is intended.

Mr. Ballinger's correspondence makes reference to a delegation of the procedural aspects of engagement. We confirm that this has raised serious concerns from our perspective in relation to the Honour of the Crown.

We indicated that the Crown is obligated to undertake a *prima facie* assessment of rights and interest's prior to delegating procedural aspects of engagement. As we have not been contacted in advance of the delegation there are questions as to the whether, the Crown has undertaken any such assessment and thereby properly discharged its obligations.

We confirm that we made the request that work on the Project be put on hold until such time as the Crown establishes that it has discharged its obligations and/or actually undertakes the *prima facie* assessment to determine the required nature and scope of engagement and what aspects can be delegated.

We confirm that the Ministry has provided you with letter setting out the delegation of the Crown's obligations and we confirm that you have advised that you will provide this correspondence. At the same time, we have requested all of the correspondence, memos, emails and other documents in your power possession and control passing between Imperial and the Crown which deal with Haudenosaunee engagement. We require these documents to understand how and when Haudenosaunee treaty rights and interest have been considered in determining the nature and scope of the purported engagement.

At the same time, we have also asked for all of Imperial's internal documents which may have been generated in response to the Minister's purported delegation. Imperial now stands in the shoes of the Crown and we require these documents to determine how Haudenosaunee treaty rights and interests have been considered, and at the same time, to meet the Haudenosaunee's reciprocal engagement obligations which require the Haudenosaunee to set out and clarify rights and interests. We require these documents without prejudice to our position that the exchange of documents, the review of rights and interests and the setting out and clarification of rights and interests was properly to have occurred prior to any purported delegation.

We would also note that this particular matter engages established treaty rights. As you may be aware the infringement of treaty rights is only lawful where it is justified and the Supreme Court of Canada has set out the basis for that justification. Notably, the justification involves the

discharge of fiduciary obligations on the part of the Crown. As you may be aware it is unlawful in most circumstances to delegate fiduciary obligations without the consent of the beneficiary – the Haudenosaunee Confederacy Chiefs Council.

We confirm that we have also asked Imperial to submit an application, and the associated fee, to the HDI (the standardized form is available from our website).

We confirm that a number of Crown actors are going to be granting approvals with respect to the Project and we have asked how and when engagement is to occur with respect to those approvals, and at the same time, whether there have been any further delegations.

For your ease of reference, we will require engagement from/with:

- Ontario Energy Board
- Infrastructure Ontario
- Niagara Escarpment Commission
- Ministry of Natural Resources and Forestry
- Ministry of Tourism Culture and Sport
- Ministry of Environment, Conservation and Parks
- Conservation Authorities (Please provide us with a list of the Conservation Authorities and we will be in touch with them directly to determine how they are proposing to discharge their obligations)
- Fisheries and Oceans Canada
- HONI; and
- IO

We have copied all of the above and would like to take the opportunity in this letter to formally request that the above contact our offices with respect to commencement of the engagement process.

### **Archaeology and Geological Testing**

We also wish to confirm that a significant amount of work has been undertaken on the Project and it is our opinion, subject to some future agreement, that this work will need to be re-done to ensure that honour of the Crown is upheld.

We also confirm our review of Ontario's Archaeology Standards and Guidelines and confirmed that the Guidelines have, to date, not been followed.

We also raised concerns with the manner in which archaeology is proceeding and how it does not meet with the required level of diligence which the Haudenosaunee require to ensure that our commitments to our obligations are maintained. As we indicated these obligations are over and above those set out in the Guidelines. You have advised that you will advise if you are prepared to amend the process going forward to honour our modest request.

In particular there appears to an issue with 'plowing' in relation the archaeology. We acknowledge that you confirmed that plowing is best practices but that to date you are not plowing throughout the entirety of the proposed Project. We confirm that you will be providing us with a map setting out the areas that have been plowed versus the area that has not been plowed.

We would ask that you please provide the contact information for your Consultant Archaeologist so that we can follow-up with that person directly as they have specific regulatory and professional obligations vis a vis engagement.

### **Current Line**

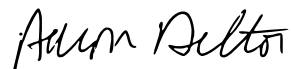
You advised that you intend to leave the current line in the ground and we advised that this a very serious impairment of our environmental/spiritual obligations to what we refer to as our mother the earth. You advised that the Technical Standards and Safety Authority (TSSA) is responsible for approval in relation to the current line and will be responsible for any approvals in relation to the established line. We would ask that you immediately notify the TSSA of our objections so that we may begin the engagement process with TSSA. At the same time this correspondence is copied to the TSSA and we are providing same as a notification for a request for engagement with the TSSA.

We confirm that we had many additional questions and concerns in relation to the Project but that time constraints required you and your team to leave the meeting.

We look forward to hearing from you and we are proposing meeting on Tuesday November 13, 2018 at which time we anticipate having received and reviewed your application.

Again, it was a pleasure meeting with you and HDI looks forward to a relationship with Imperial that is based on mutual respect for our respective rights and interests.

Respectfully,

A handwritten signature in black ink, appearing to read "Aaron Detlor". The signature is written in a cursive, flowing style.

R. Aaron Detlor





Robert Ballinger  
Area Manager, East Canada  
P: 519.333.7556  
E: robert.e.ballinger@esso.ca

December 18, 2018

Aaron Detlor  
Haudenosaunee Development Institute  
16 Sunrise Court, Ste. 600  
Ohsweken, ON N0A 1M0  
Six Nations of the Grand River Territory  
519.445.4222

Dear Mr. Detlor:

Imperial Oil Limited (Imperial) received your correspondence to Jessie Malone, dated November 5, 2018, regarding the October 25<sup>th</sup> meeting. As stated in our letter to HDI, dated September 20, 2018, Imperial respectfully declines completing the application. Imperial's explicit intention is to follow the provincial regulatory processes and guidelines related to obtaining approval for the Sarnia Products Pipeline Waterdown to Finch Project. Our objective is to complete a thorough Leave to Construct Application for submission to the Ontario Energy Board. The delegation of the procedural aspects of the Crown's duty to consult are specifically in relation to the regulatory and approval processes of the Ontario Energy Board. It is Imperial's intention to engage and consult with the Haudenosaunee Confederacy Chiefs Council (HCCC) as directed by the Ministry of Energy, Northern Development and Mines (ENDM) to determine the specific impacts of project activities on Aboriginal and treaty rights.

As the project proponent, Imperial has and is willing to provide project information to the HCCC in care of the Haudenosaunee Development Institute (HDI) to assist in determining these impacts. Once these impacts are identified and communicated to us, Imperial invites the HCCC and HDI to work collaboratively with the project team on solutions to reduce or mitigate these identified impacts. Project information does not include the release of the internal correspondence requested by HDI in your letter dated November 5, 2018.

Should you wish to discuss the delegation of the procedural aspects of the Crown's duty to consult to Imperial for this project, you may want to contact ENDM directly. Here are the suggested contacts:

Raina Crasto, Policy Advisor  
Indigenous Energy Policy  
Ministry of Energy, Northern Development and Mines  
Email: [raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca) Phone: 416-326-4571

Shannon McCabe, Senior Advisor  
Indigenous Energy Policy  
Ministry of Energy, Northern Development and Mines  
Email: [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca) Phone: 416-326-4571

We appreciate the time and resources required to review project information and participate in meetings. As such, we are open to providing reasonable project capacity funding to HDI within a mutually acceptable agreement. Thank you for proposing another meeting date for HDI and the project team. The Imperial project team is prepared to meet with HDI to engage in a respectful dialogue on the following topics:

1. Presentation of the Waterdown-Finch Project Information
2. Stage 1 Archaeology Report-Comments and Discussion
3. Stage 2 Archaeological Assessment-Discussion with Past Recovery to address archaeological test pitting and ploughing protocol and Ontario Archaeology Standards and Guidelines
4. Field Monitoring Program Review

If you have questions related to this correspondence or wish to schedule a meeting date to discuss the above items, please contact Kelly Williams, Community Relations at [kelly.williams@esso.ca](mailto:kelly.williams@esso.ca) or 519-328-8681.

Respectfully,

A handwritten signature in blue ink, appearing to read "R Ballinger", with a long horizontal flourish extending to the right.

Robert Ballinger



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Huron-Wendat Nation  
255, place Chef Michel Laveau  
Wendake, Quebec  
G0A 4V0

Dear Huron-Wendat Nation,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63-kilometres of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

The Waterdown to Finch Project is proactively replacing a segment of pipeline to deliver continued safety and reliability. The existing pipeline will continue to operate until the project is complete.

Environmental and cultural assessments will start in the spring of 2018. Subject to provincial regulatory review and receipt of all permits, Imperial anticipates construction to begin in 2019.

Most replacement work will take place in close vicinity to the existing pipeline. Imperial representatives will also be communicating with landowners where proposed activities may be taking place in the coming weeks. Over the duration of the project, we will work collaboratively and communicate proactively to minimize construction impacts.

**Please accept this letter as a formal notification of Imperial's Waterdown to Finch Project. Imperial would like to schedule a meeting to discuss the Waterdown to Finch Project, share information and answer questions.** If you would like to learn more about the Waterdown to Finch Project, please contact us at [questions@imperialon.ca](mailto:questions@imperialon.ca) or leave a message at 416-586-1915.

In addition to the project brochure and meeting offer, you can also visit our project website at [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch) for an overview of the proposed replacement work, including project facts, work schedule, construction practices and community engagement efforts.

We look forward to connecting.

Sincerely,

Christopher Plain  
Indigenous Relations Lead – Ontario Region  
Imperial Oil Limited



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**July 17, 2018**  
**Meeting with Huron-Wendat Nation Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Huron-Wendat Nation*

- Dr. Louis Lesage, Director of the Nionwentsio Office (LL)
- Maxime Picard, Project Coordinator, Ontario File Coordinator (MP)
- Mélanie Vincent, Project Coordinator, Ontario File Coordinator (MV)

*Imperial*

- Chris Plain, Indigenous Relations Lead – Ontario Region (CP)
- Kelly Williams, Indigenous Relations (KW)
- Leanne Dohy, Socio-economic Advisor (LD)
- Jessie Malone, Environment and Regulatory Advisor (JM)

*ERM*

- Jim Chan, Senior Consultant (JC)
- Matthew Scoular, Senior Consultant (MS)

*Past Recovery*

- Brenda Kennett, Archaeologist (BK)

**Meeting Objectives**

- Early Notification to Huron-Wendat Nation
- Overview presentation of Imperial's Waterdown to Finch Project (the Project)
- Discussion on Huron-Wendat's interests in archaeology field work

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• ERM office, Toronto, Ontario</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Welcome/ Open Meeting</li> <li>• Introductions</li> <li>• Safety Moment</li> <li>• Overview of Huron-Wendat Work</li> <li>• Overview of Waterdown to Finch Project</li> <li>• Overview of Archaeology Planning</li> <li>• Archaeology Draft Stage 1 Results</li> <li>• Planned Stage 2 Methods</li> <li>• Geotechnical Assessment</li> <li>• Engagement and Framework Discussion</li> <li>• Meeting Adjourned</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's Sarnia Products Pipeline Waterdown to Finch Powerpoint presentation July 2018</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>• Imperial (CP) opened the discussion by thanking everyone for the opportunity to meet.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>There is a lot of planning to get everyone involved in-person. Thank you again and it is a great pleasure to meet you. Thank you for the background about the Nation and for making your way to Ontario.</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>Imperial (LD) described Imperial's focus on safety. LD provided a safety moment. When staying at a new hotel, using the stairs is good way to familiar yourself of the emergency exits in the event of a real emergency.</li> </ul>
Project Overview	<ul style="list-style-type: none"> <li>Imperial (JM) provided a Project overview. Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.</li> <li>SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA)</li> <li>SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline and diesel that keeps people, goods and services moving.</li> <li>SPPL has operated in the region for many years. It has been in operation since the 1950s. The line is ~65 years old and as a proactive measure, Imperial is planning to replace approximately 63 km of the 12" line with new 12" pipe. The pipeline will continue to operate until the replacement segments are prepared for operation. The existing line will be cleaned, tested and deactivated in- place.</li> <li>Imperial has initiated discussions with the Ontario Energy Board (OEB). The major regulatory process will be the filing of the leave to construct application with the OEB.</li> <li>Imperial has kicked off engagement with regulators, landowners and Indigenous communities. At the same time, we have initiated the engineering design process. As a result of our early engagement, we look to incorporate feedback into the project design process.</li> <li>We have started environmental field surveys to capture the field work during the seasonal windows. Field work is planned for summer and fall. Archaeology field work is timed for the summer/fall.</li> <li>Overview of timelines (as described in the PowerPoint presentation), Spring 2018 project launch; Summer/Fall 2018 Community Information Sessions; Winter/Spring 2019 submission to OEB; Summer 2019 engineering design complete; Late Fall 2019 pre-construction communication. 2020 is the potential start date.</li> <li>Replacement segment is like for like, meaning 12" in diameter for 12" pipeline over a 63 kilometre segment. Product moved is the same and the line will continue to operate, to minimize disruption during construction.</li> <li>Monitored 24 hours a day, 365 days a year. The western portion of the line is flown every week; eastern portions that cannot be flown are ground patrolled.</li> <li>There are two proposed types of construction methods: open cut construction and trenchless Horizontal Direction Drilling (HDD). JM indicated that notionally, HDD is planned for ~1/3 of the line. Construction method will be informed by geotechnical information and environmental considerations. Imperial will look to avoid major</li> </ul>

Topic	Discussion
	<p>watercourses, major road crossings, provincially significant wetlands and important archaeological features by using HDD as much as possible.</p> <ul style="list-style-type: none"> <li>• Huron-Wendat (LL) asked about the deactivation of the line.</li> <li>• Imperial (JM) responded that the current pipeline will be deactivated and removed from service. It will be cleaned, filled with nitrogen (inert gas to detect pressure monitoring), maintained with cathodic protection, and monitored and left in place. In addition, along the HONI corridor, there are other lines and infrastructure. We do not want to impact the other lines. Deactivation is undertaken to reduce impacts.</li> </ul>
Huron-Wendat Work	<ul style="list-style-type: none"> <li>• Huron-Wendat (LL) – provided an introduction to the Huron-Wendat and its work in Ontario. The Huron-Wendat ancestral territory is called the Nionwetsio in the Wendat language. The Huron-Wendat people hunted, fished, gathered in a territory that spans Quebec and Ontario [and more]. Today the Huron-Wendat Nation is comprised of about 4000 members, on and off-reserve. The Huron-Wendat band council is headquartered in Wendake, Quebec.</li> <li>• Huron-Wendat is not a member of the Chiefs of Ontario.</li> <li>• While the Huron-Wendat did not signed a treaty [with the Crown], the Huron-Wendat have not abandoned lands here [in Ontario]. There are many Huron-Wendat archaeological sites, both known and to be discovered in Ontario. The Huron-Wendat has a museum in Wendake with curated artifacts that are brought back to the community. In the event of findings of Huron-Wendat human remains, ossuaries, human remains will stay in-place. We would not accept excavation of human remains.</li> <li>• LL noted that the Huron-Wendat works in collaboration with companies, Ministries and other First Nations.</li> <li>• Imperial (CP) asked if the Huron-Wendat has had discussions with other Nations over shared territory related the archaeological sites.</li> <li>• Huron-Wendat (LL and MP) responded that the Huron-Wendat has a positive relationship with other Nations. We have a positive working relationship with the Nations, companies and governments. It is our practice to enter into agreements with companies for field monitoring.</li> <li>• Imperial (CP) thanked the Huron-Wendat for sharing.</li> </ul>
Archaeological Assessment	<ul style="list-style-type: none"> <li>• Past Recovery (BK) provided a quick overview of the firm and archaeology experience in Ontario.</li> <li>• BK provided an overview of the archaeological assessment planning. Draft Stage 1 report for the corridor is nearly complete and needs a final review. We are planning to provide to Indigenous communities for review and comment and planning to submit results of the Stage 1 report to MTCS.</li> <li>• BK noted that the western part of the corridor is mainly rural and the eastern part is more industrial/commercial/residential. ~2/3 of the corridor is on the existing Hydro One (HONI) corridor.</li> <li>• BK confirmed that through the Stage 1 review much of the study corridor contains archaeological potential for both pre-Contact and post-Contact archaeological resources.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>• BK confirmed that sections exhibiting areas of extensive subsurface disturbance and therefore no longer hold potential were identified in Stage 1.</li> <li>• BK confirmed that some sections have been subject to previous archaeological assessments that have cleared these areas of archaeological concerns.</li> <li>• BK confirmed that 11 registered archaeological sites were identified within, or in close proximity, to the project area including the Huron-Wendat Parsons site (AkGv-8).</li> <li>• MP provided information on other potential Huron-Wendat sites and previous archaeological assessments that may be associated with the study corridor. BK noted challenges with MTCS sites and report database. Past Recovery will up-date the draft Stage 1 report as required to ensure that it is a comprehensive as possible.</li> <li>• BK stated that lands associated with the Niagara Escarpment and 15 major river crossings are considered to have a high potential for Indigenous archaeological sites;</li> <li>• BK stated that the land use history produced in the draft report has been informed by the archaeological record from a settler perspective. We are seeking input from First Nations regarding your community's land use history and cultural narrative in order to provide a more inclusive context for the project. We are also seeking advice on cultural places of concern to your community that may not have been identified in the draft Stage 1 report so that appropriate procedures and protocols are followed as the project progresses.</li> <li>• BK noted that communities with an interest in the project area are anticipated to include the following: <ul style="list-style-type: none"> <li>• Mississaugas of the New Credit First Nation</li> <li>• Six Nations of the Grand River</li> <li>• Huron-Wendat Nation</li> <li>• Haudenosaunee Development Institute</li> </ul> </li> <li>• Communities will have an opportunity to review and comment on the draft Stage 1 assessment report. Field Monitors will be included in the Stage 2 archaeological fieldwork.</li> <li>• BK noted that the proposed Stage 2 methodology and plan is comprehensive. Assessment of all areas of archaeological potential within the corridor will involve test pit shovel testing at 5 m intervals or field ploughing and surveying.</li> <li>• In addition to the Stage 2 archaeology fieldwork for the line, the trenchless HDD design methods require geotechnical assessment. Geotechnical assessment will start in the summer. We have met with the MTCS to confirm the archaeology pre-clearance requirements to support the geotechnical borehole investigation program.</li> <li>• There are approximately, 140 geotechnical borehole locations within existing utility corridor, of which ~97 are located within areas of archaeological potential. Stage 2 testing at borehole locations in areas of archaeological potential will include the excavation of 1 to 4 test pits. Field monitors would be involved in this archaeology work.</li> <li>• Imperial (JM) noted that we are proposing to HDD beneath the Parsons site (AkGv-8) to avoid impacts. Imperial recognizes that Huron-Wendat have interest in the site.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>BK explained that Imperial's proposed approach is for two boreholes in proximity to the Parsons site: boreholes will be preceded by a 1 x 1 m unit at each borehole location on either side of the site to avoid potential impacts.</li> <li>BK noted that this same approach would be used for any other boreholes in the immediate vicinity of other identified sites.</li> <li>BK indicated that assessment of the corridor east of the presently defined limits of the Parsons site would also involve the hand excavation of 1 x 1 m units to verify the site extent. Appropriate protocols for this and other sites will be developed with the Huron-Wendat.</li> </ul>
Indigenous Engagement	<ul style="list-style-type: none"> <li>Huron-Wendat (LL) asked how the list of communities is determined.</li> <li>Imperial (CP) responded that Ontario would provide us with a list of communities to consult. We have to meet those obligations of the regulators. Communities are not only those with treaties but also have an interest on their traditional territories. We respectively work with communities. Part of our engagement is to better understand the expectations of communities. For example, if there is a request for ceremonies, we will respectfully allow that to happen in the means that the community wishes. It is important for us to speak directly to the Nations. We want to understand all the concerns and expectations of the Nations. Most Nations have wanted Field Monitors on site during the archaeology field work.</li> <li>CP noted that we want your feedback and participation as Field Monitors.</li> <li>Imperial (CP) asked if the Huron-Wendat have additional expectations for engagement with the community or Council as part of your protocol. If so, we are able to do so to the community's satisfaction, if requested or required to do so.</li> <li>Huron Wendat (MP) responded that at this time, the current level of engagement and information sharing is sufficient. The next step is to complete the agreement for the participation of Field Monitors. We would welcome a visit to Wendake, Quebec later.</li> <li>Huron-Wendat stated that they would like their monitors to participate in environmental (Wildlife, Vegetation and Wetlands, Fisheries) field surveys as well as archaeological assessments.</li> <li>The Huron-Wendat and Imperial, with support from ERM, are finalizing an agreement for the participation of Huron-Wendat Monitors during archaeology and environmental field work.</li> </ul>
Summary of Actions	Who
<ul style="list-style-type: none"> <li>Huron-Wendat and Imperial, with support from ERM, to final agreement for the participation of Huron-Wendat Monitors during archaeology and environmental field work.</li> </ul>	

Potential topics to record for Isometrix reporting:

June 17, 2018

EXHIBIT H  
 Imperial  
 Record of Consultation - Supporting Documents  
 Waterdown to Finch Pipeline Project

Meeting Summary Notes

Topic	Discussion
<input type="checkbox"/> Accidents and Malfunctions <input type="checkbox"/> Air Emissions and Noise <input type="checkbox"/> Alternatives  <input type="checkbox"/> Cultural Heritage Resources <input type="checkbox"/> Emergency Response <input checked="" type="checkbox"/> Excavation/Damage Prevention/Pipeline Location  <input type="checkbox"/> Right-of-Way/Access Agreement <input type="checkbox"/> Safety, Health and Environment <input type="checkbox"/> Socioeconomic (labour, economy, social)	<input type="checkbox"/> Aquatic Resources and species <input checked="" type="checkbox"/> Archaeology <input type="checkbox"/> Community Contribution Request  <input type="checkbox"/> Groundwater <input checked="" type="checkbox"/> Operational Issue  <input type="checkbox"/> Traditional use <input type="checkbox"/> Vegetation <input type="checkbox"/> Wetlands <input type="checkbox"/> Wildlife and Habitat

Imperial's Sarnia Products Pipeline

# Waterdown to Finch Project

July 2018



# Agenda

Record of Consultation - Supporting Documents

- Welcome/ Open Meeting
- Introductions
- Safety Moment
- Overview of Huron-Wendat Work
- Overview of Waterdown to Finch Project
- Overview of Archaeology Planning
  - Archaeology Draft Stage 1 Results
  - Planned Stage 2 Methods
  - Geotechnical Assessment
- Engagement and Framework Discussion
- Meeting Adjourned



# Safety Moment

# Overview of Huron-Wendat work

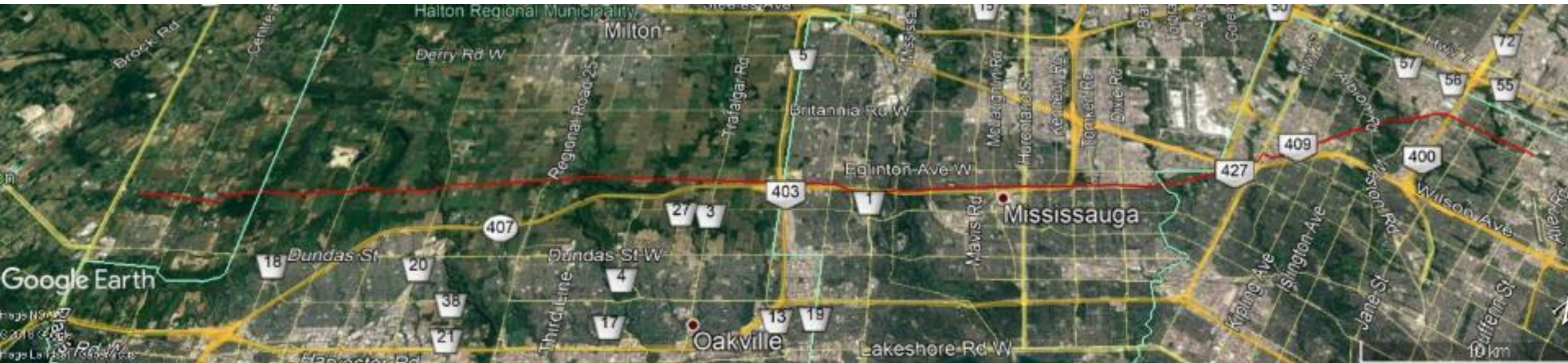
Filed: 2019-02-22  
EB-2019-0007  
Tab 2, Schedule 5  
Page 11 of 40

- Agenda topic

# Imperial's Sarnia Products Pipeline

Filed: 2019-02-22  
EB-2019-0007  
Tab 2, Schedule 5  
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- Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area
- SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA)
  - SPPL supplies a significant portion of product used at Toronto Pearson International Airport, and gasoline and diesel that keeps people, goods and services moving
- SPPL has operated safely in the region for many years

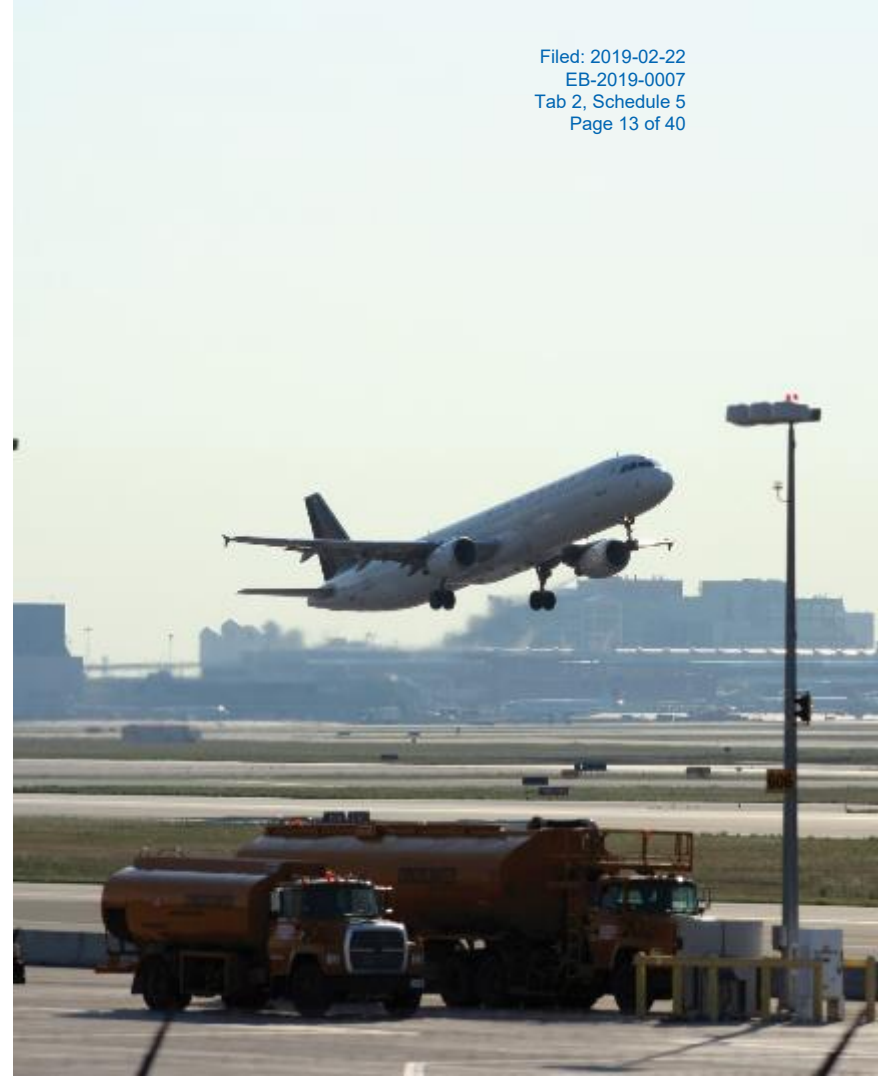


# Continued safety and reliability for the GTHA

OFFICIAL RECORD OF CONSULTATION - Supporting Documents

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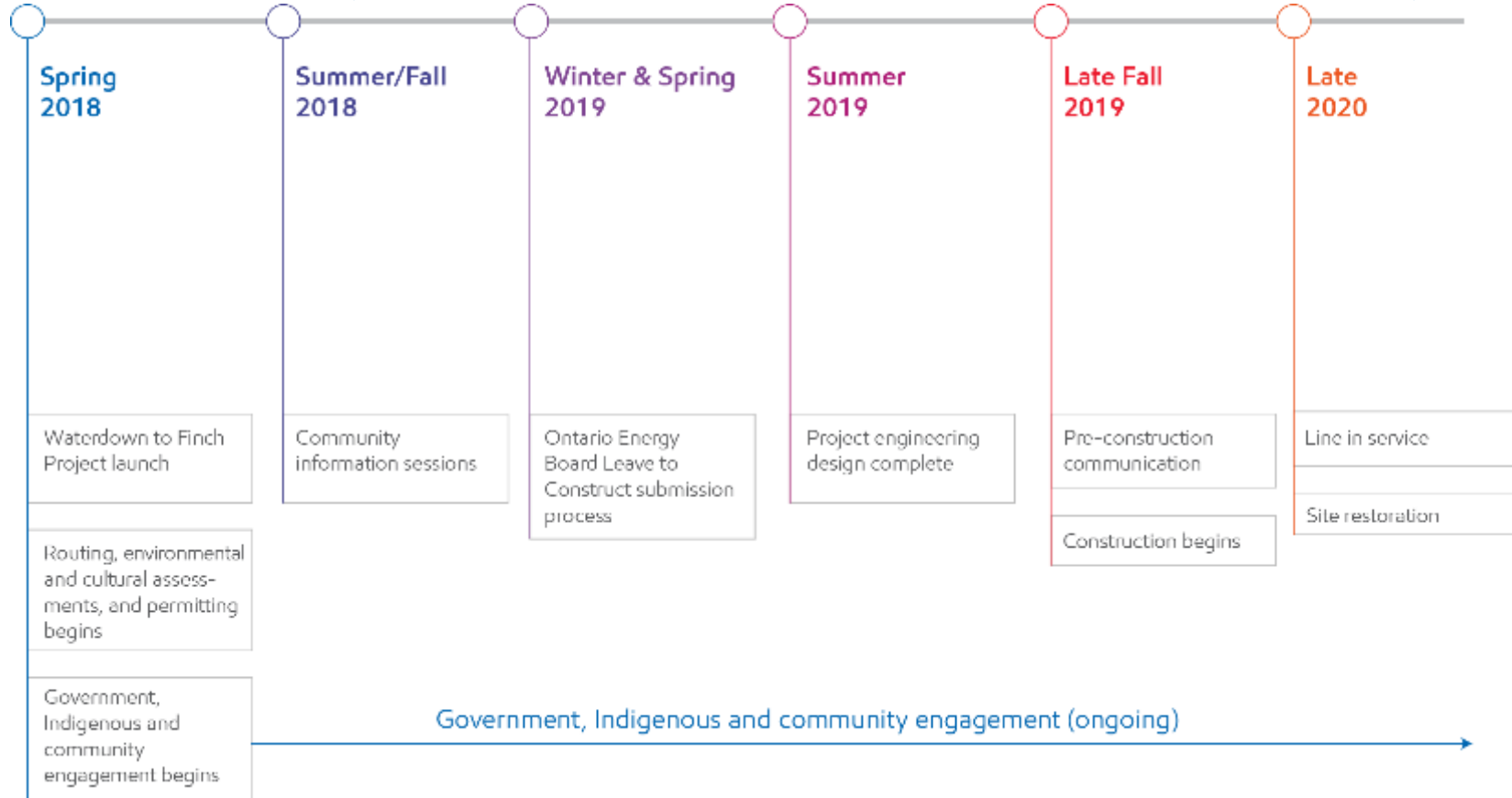
- Imperial is planning to replace approximately 63 km of the line with new pipe
- The pipeline will continue to operate safely until the replacement segments are prepared for operation
- Imperial will apply for a Leave to Construct from the Ontario Energy Board, which includes an assessment of environmental effects and engagement with landowners, communities and Indigenous groups
  - Imperial will respect landowners' property and will seek to minimize disruptions
  - Imperial recognizes the importance of collaboration with Indigenous groups, municipalities and other community stakeholders



# Timeline\*

EXHIBIT 1  
Record of Consultation Supporting Documents

Filed: 2019-02-22  
EB-2019-0007  
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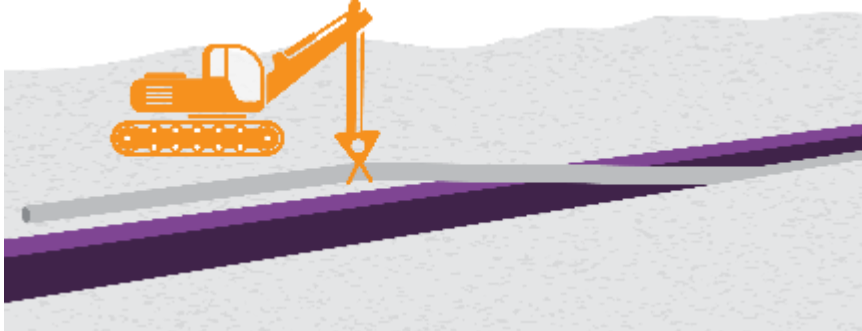


7 \* Subject to regulatory and permitting approvals

# Minimizing construction impacts

- Imperial will work with landowners, permitting authorities and different levels of government so construction impacts are as limited as possible
- Engineers and environmental surveyors work together to develop the pipeline route that minimizes impact to the environment and community
- Deactivated pipe will be removed from service, cleaned, filled with nitrogen and left in place to reduce environmental impacts
- Based on engineering and environmental surveys, Imperial will perform one of two construction techniques:

**Open cut construction**



**Trenchless technology**



# Discussion

EXHIBIT H  
Record of Consultation - Supporting Documents

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# Working Together on Archaeology Planning



## About Us

- Past Recovery, established as a partnership in 2000, has conducted over 300 Stage 1 through Stage 4 archaeological assessments in Ontario since incorporation in 2013
- Brenda Kennett, M.A. and Jeff Earl, M.Soc.Sc., principals, have over 50 years of combined experience
- Located in Perth, Ontario, Past Recovery conducts archaeological assessments across eastern Ontario, as well as undertaking projects further afield in central, northern and southwestern Ontario





EXHIBIT 1

Record of Consultation - Supporting Documents

# Past Recovery

Archaeological Services Inc.

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## About Us

### Relationships with:

- Algonquins of Ontario
- Williams Treaties First Nations
- Mohawk Council of Akwesasne
- Mohawks of the Bay of Quinte
- Jessalyn Miller, B.A., Staff Archaeologist, has also previously worked with Indigenous Field Liaison Representatives from MNCFN, Six Nations, HDI and Huron-Wendat Nation since 2013



# Preliminary Archaeological Stage 1 Results

Filed: 2019-02-22  
EB-2019-0007  
Tab 2 Schedule 5  
Page 29 of 30

## Archaeological Potential

- Much of the study corridor contains archaeological potential for both pre-Contact and post-Contact archaeological resources
- Sections of the corridor exhibit areas of extensive subsurface disturbance and therefore no longer hold potential
- Some sections have been subject to previous archaeological assessments that have cleared these areas of archaeological concerns



# Preliminary Archaeological Stage 1 Results

Filed: 2019-02-22  
EB-2019-0007  
Tab. 2, Schedule 5  
Page 24 of 30

## Archaeological Concerns

- 11 registered archaeological sites were identified within, or in very close proximity, to the project area including the Parsons site (AkGv-8) and 5 other pre-Contact Indigenous sites (a further 2 with cultural tradition unknown but likely Indigenous)
- Lands associated with the Niagara Escarpment and 15 major river crossings are considered to have a high potential for Indigenous archaeological sites
- The Credit River Valley, is a designated cultural landscape
- Historical mapping between 1858 and 1878 indicates historical settlements and associated features, including a small number of pioneer cemeteries, on lots associated with the corridor



# Preliminary Archaeological Stage 1 Results

Filed: 2019-02-22  
EB-2019-0007  
Tab. 2, Schedule 5  
Page 23 of 30

## Historical Context and Cultural Overview

- The land use history produced in the draft report has been informed by the archaeological record from a settler perspective
- We are seeking input from First Nations regarding your community's land use history and cultural narrative in order to provide a more inclusive context for the project
- We are also seeking advice on cultural places of concern to your community that may not have been identified in the draft Stage 1 report so that appropriate procedures and protocols are followed as the project progresses



# Indigenous Engagement

- Communities with an interest in the project area are anticipated to include the following:
  - Mississaugas of the New Credit First Nation
  - Six Nations of the Grand River
  - Huron-Wendat Nation
  - Haudenosaunee Development Institute
- Communities will have an opportunity to review and comment on the draft Stage 1 assessment report
- Field Liaison Representative Monitors will be included in the Stage 2 archaeological fieldwork



# Proposed Archaeological Stage 2 Methods

Filed: 2019-02-22  
EB-2019-0007  
Tab 2, Schedule 5  
Page 22 of 40

## Project Impact Mitigations

- Assessment of all areas of archaeological potential through shovel testing at 5 m intervals or pedestrian survey of ploughed fields at 5 m intervals
- Trenchless HDD boring at major river crossings
- Trenchless HDD boring beneath the Parsons site (AkGv-8) to reduce impacts

## Factors Limiting Archaeological Potential

- Visible disturbance into subsoils (described in Stage 1)
- Soil disturbances associated with the placement of previous utilities
- Areas of previous archaeological assessments and cleared of further archaeological concerns
- Permanently wet areas



# Geotechnical Assessment

- ~140 geotechnical bore hole locations within existing utility corridor
  - ~97 are located within areas of archaeological potential
- Existing infrastructure will be used as much as possible for access (e.g., roads, driveways, paths, etc.)
- No soil stripping
- Equipment:
  - Low ground pressure wide track or tired rigs (hollow stem auger)
  - Tired support vehicle
- Drilling scheduled July to September 2018
- Borehole locations to be cleared of archaeological concern prior to drilling via targeted Stage 2 archaeological assessment



# Discussion

EXHIBIT H  
Record of Consultation - Supporting Documents

Filed: 2019-02-22  
EB-2019-0007  
Tab 2, Schedule 5  
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# For more information

W: [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)

T: 416.586.1915

E: [questions@imperialon.ca](mailto:questions@imperialon.ca)

Ministry of Energy, Northern  
Development and Mines

77 Grenville Street  
6<sup>th</sup> Floor  
Toronto ON M7A 2C1

Tel: (416) 325-6544

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

77, rue Grenville  
6<sup>e</sup> étage  
Toronto ON M7A 2C1

Tél: (416) 325-6544



## Indigenous Energy Policy

VIA EMAIL

September 25, 2018

Grand Chief Konrad Sioui  
255 place Chef Michel Laveau  
Wendake, QC  
G0A 4V0

### Re: Imperial Waterdown Pipeline Project

Dear Grand Chief Sioui:

This letter is to notify you that the Ministry of Energy, Northern Development and Mines on behalf of Ontario has delegated the procedural aspects of consultation to Imperial Oil Limited for its' proposed Imperial Waterdown Pipeline Project in relation to the Ontario Energy Board's Leave to Construct approval process.

Imperial Oil is planning to redevelop a pipeline in order to provide fuel across the Greater Toronto and Hamilton Area, including jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel. The project consists of approximately 63 kilometers of the existing line with new pipe. The proposed pipeline will commence at Waterdown Station [43.33500° N, 79.93248° W], and will end at the company's terminal storage facility at North York's Finch Terminal [43.76652° N, 79.48878° W]. If approved, construction is anticipated to begin in 2019

I encourage representatives of your community to participate in efforts made by Imperial Oil Limited to consult your community on its proposed project so that you can receive project information and understand if there are any potential impacts on Aboriginal or treaty rights. The consultation process is an opportunity to provide your community's feedback to Imperial Oil Limited and the Crown, including any suggestions or proposals your community might have for mitigating, avoiding or accommodating any potential impacts to Aboriginal or treaty rights. Ministry officials are also available should you wish to contact the Crown directly. Please note that none of the foregoing should be taken to imply approval of this project.

Should you or any members of your community have questions regarding the material above, please contact Raina Crasto at 416-326-4571 or [raina.crasto@ontario.ca](mailto:raina.crasto@ontario.ca) and Shannon McCabe at 416-212-6704 or [shannon.mccabe@ontario.ca](mailto:shannon.mccabe@ontario.ca).

Sincerely,

A handwritten signature in black ink, appearing to read "M. Owen", with a stylized flourish extending to the right.

Morgan Owen  
A/Manager  
Indigenous Energy Policy

C: Ontario Energy Board  
Ontario Pipeline Coordinating Committee (OPCC)  
Jessie Malone, Environmental and Regulatory Advisor, Safety Security Health and  
Environment, Imperial Oil Limited

# Waterdown to Finch Project - Stage 1 Archaeological Assessment

Jennifer Liddell

To: louis.lesage@cnhw.qc.ca, melanievincent21@yahoo.ca, Maxime Picard

Thursday, Sep 27th, 2018

12:53 PM

Please find attached a copy of the Stage 1 Archaeological Assessment conducted by Past Recovery Archaeological Consultants for the Proposed Waterdown to Finch Project on behalf of Imperial Oil Limited. The present assessment has identified a number of registered archaeological sites within or in close proximity to the study corridor.

Imperial is seeking Indigenous review of the draft report to ensure that any traditional knowledge/information regarding traditional use sites, sacred sites, or other sites is reflected in the background documentation and the determination of archaeological potential. Let us know if you have any comments or questions, or any additional information that you feel may help inform the Stage 2 Assessment. A Stage 2 Archaeological Assessment is currently being undertaken to identify any as-yet unknown archaeological sites that may be impacted by the project.

Please provide a response by November 1, 2018 in order to inform the current field program.

Respectfully,

Kelly Williams  
Community Relations Officer  
602 Christina Street  
Sarnia, ON Canada N7T 7M5  
519-328-8681 Cell  
519 339 2265 Tel  
kelly.williams@esso.ca  
Imperialoil.ca

## 1 Attachments

### Download All

E.1 WFP Stage 1 Archaeological Assessment\_06Sept2018.pdf



NATION  
huronne-wendat



Bureau du  
Nionwentsio

Wendake, November 15, 2018

Ms. Kelly Williams  
Community Relations Officer  
Imperial Oil  
602 Christina Street  
Sarnia, ON N7T 7M5

By email: [kelly.williams@esso.ca](mailto:kelly.williams@esso.ca)

**Re: Waterdown to Finch Project – Stage 1 Archaeological Assessment**

---

Dear Ms. Williams,

Further to your email addressed to the Huron-Wendat Nation dated September 27, 2018, on the Stage 1 Archaeological Assessment for the Proposed Waterdown to Finch Project, produced by Past Recovery Archaeological Services Inc., the Huron-Wendat Nation (HWN) would like to thank you for giving us this opportunity to provide comments and feedback.

We would like to point out that a highly important Huron-Wendat recorded archaeological site is located within the study area, i.e. the Parsons Site. Although the report indicates that a "*Specific consultation with the Huron-Wendat First Nation must also occur regarding impacts and mitigation options for the Parsons site (AkGv-8)*", it is important that the projected route of the Sarnia Products Pipeline be adapted to avoid impacts to the Parsons Site's integrity. Best practices in such cases are clear and based on its specific resolution, the Huron-Wendat Nation authorities repeatedly indicated that mitigation measures need to be in place in case of potential disturbance of our heritage.

With that in mind, the assessment concerns the proposed replacement of the Sarnia Products Pipeline (which was in operation by 1952), from Waterdown Station to Finch Terminal (approximately 61.5 km, following roughly the same route as the current line). It consisted in historical, environmental and archaeological research, as well as a site inspection to confirm areas of obvious recent disturbance.

The report offers brief but generally complete summaries of the pre and post-contact history of the region, the latter of which was especially thorough. The summary grows more detailed as it reaches more recent times.

On the historical section, it might be preferable to omit the reference to a "Glen Meyer complex" in the Early Iroquoian period. This is because the distinction between Glen Meyer (in the west) and Pickering (in the east) proposed by Wright in 1966 has long been criticized as arbitrary and erasing the variability present in the archaeological record, the

local site sequences actually being more or less continuous (see for example Williamson's 1990 "The early Iroquoian period of southern Ontario", in C. H. Ellis & N. Ferris (Eds.), *The archaeology of Southern Ontario to A.D. 1650*, or, for a more recent publication, Birch's 2015 "Current Research on the Historical Development of Northern Iroquoian Societies", *Journal of Archaeological Research* vol. 23).

Also, with regards to the Huron and Petun, it is understandable for such a short summary not to state the relatively small differences between these two groups, but it seems dismissive to simply state that "they can effectively be discussed as one nation", since that is not true all the time, but only in the context of this short summary.

From an archaeological point of view, some areas of the study corridor had already been identified as having archaeological potential in the archaeological master plans developed by the cities of Toronto and Hamilton. Additionally, 23 previous archaeological assessments included lands in or adjacent to the study corridor. The report notes that there could be other assessments, which might not have been found because of the limits of the MTCS Archaeological Report Database. The limits of the Ontario Archaeological Site Database were also stated. The consultation of previous assessments permitted the identification of some areas of the current study corridor as cleared of archaeological concern. A number of previously recorded archaeological sites were also identified. There are 121 registered sites within a one-kilometer radius of the study area, and 11 of them are directly in the study corridor or within 50 meters of it. A lot of these sites were determined to be disturbed, were comprised of a single artifact, or very recent ones. However, one of the 11 sites is the Parsons site (AkGv-8), and as previously stated, the importance of this Late Woodland Wendat site remains almost completely preserved and unexcavated. It is assumed that this site, situated within the study area, retains further Huron-Wendat cultural and heritage material.

A separate Cultural Heritage Assessment for the project is in the process of being completed by Unterman McPhail Associates, but the current archaeological assessment also included a research of the Local Cultural Heritage Resources, which found 22 listed or designated properties within 300 meters of the study area, as well as five Heritage Plaques. The report includes a list of the known cemeteries near the study corridor. As environmental factors influence the archaeological potential of a region, the report also depicted the environmental context of the study corridor.

The current archaeological assessment included a property inspection, consisting of regular spot checks throughout the study corridor. Deep and extensive disturbances were confirmed for some areas, which are indicated on the maps at the end of the report, but most of the study corridor appeared to be free of visual disturbances.

The conclusions of the report were that parts of the study area have shown characteristics indicating potential for the presence of archaeological resources associated with pre-Contact Indigenous settlement and/or land uses (within 300 meters of primary and secondary water sources; within 300 meters of known Indigenous archaeological sites; along the Niagara escarpment, which is a distinctive land formation and an area of elevated topography).

Additionally, parts of the study area have characteristics indicating potential for the presence of archaeological resources associated with post-Contact Indigenous and Euro-Canadian settlement and/or land uses (the characteristics noted above; within 300 meters of known Euro-Canadian archaeological sites; crossing multiple historic transportation routes; within 300 meters of multiple early Euro-Canadian settlements shown in 19<sup>th</sup> Century maps; presence of designated heritage properties and landscapes).

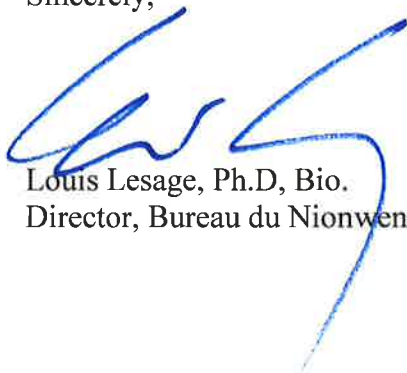
For small portions of the study corridor (indicated on the maps), the archaeological potential is considered to have been removed by various construction and earth moving activities in the past. These zones were identified during the property inspection or were evident in background documentation. They, as well as the zones identified in previous archaeological assessments as being of no further archaeological concern, do not require further archaeological assessments. Other areas of disturbance may exist, notably in the urban portions of the study corridor, but they will have to be confirmed by a Stage 2 assessment.

As for most of the study area, which exhibits potential for archaeological resources, the completion of a Stage 2 archaeological assessment is required prior to any planned development. The methods for the Stage 2 assessment will vary depending on the type of land (agricultural, residential, etc.).

The report regularly refers to the MTCS's 2011 Standards and Guidelines for Consultant Archaeologists. The sources that were consulted are always clearly stated, as are their limitations. The conclusions are logical. In summary, this report is satisfactory for the purposes of the Stage 1 assessment of this study area. The Huron-Wendat Nation is requesting to be consulted at every stage, especially regarding the Parsons site, and of course to provide liaisons for all field work. Mitigation measures must apply for any potential disturbance and adverse impacts to our heritage.

Please do not hesitate to contact our team should you have questions and to follow up with the next steps.

Sincerely,



Louis Lesage, Ph.D, Bio.  
Director, Bureau du Nionwentsïo





**Imperial**  
**Waterdown to Finch Pipeline Project**  
**December 10, 2018**  
**Meeting with Huron Wendat Nation Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Huron-Wendat Nation*

- Dr. Louis Lesage, Director of the Nionwentsio Office (LL)
- Maxime Picard, Project Coordinator, Ontario File Coordinator (MP)
- Mélanie Vincent, Project Coordinator, Ontario File Coordinator (MV)
- Simon, Legal Counsel

*Imperial*

- Kelly Williams, Community Relations Advisor (KW)
- Jessie Malone, Environment and Regulatory Advisor (JM)

*ERM*

- Jim Chan, Senior Consultant (JC)
- Matt Scoular, Project Manager (MS)

*Past Recovery*

- Brenda Kennett, Archaeologist (BK)

**Meeting Objectives**

- Provide overview presentation of Imperial's Waterdown to Finch Project (the Project)
- Seek feedback on Field Monitor Program
- Share information on What We've Heard
- Share information on Leave to Construct process
- Discussion on Huron-Wendat needs and consultation expectations

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Meeting held at ERM's office, Toronto, Canada</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Welcome</li> <li>• Introductions</li> <li>• Safety Moment</li> <li>• Overview of Waterdown to Finch Project (recap, if needed)</li> <li>• Archaeological Assessment and Planning                             <ul style="list-style-type: none"> <li>◦ Seeking Feedback on Field Monitor Program</li> </ul> </li> <li>• Environmental Planning                             <ul style="list-style-type: none"> <li>◦ What We've Heard</li> </ul> </li> <li>• Construction Methods                             <ul style="list-style-type: none"> <li>◦ Minimizing Construction Impacts</li> <li>◦ HDD and HD Bore</li> <li>◦ Video of horizontal directional drilling and pipeline deactivation</li> </ul> </li> <li>• Leave to Construct process</li> <li>• Discussion                             <ul style="list-style-type: none"> <li>◦ Consultation Preferences</li> </ul> </li> <li>• Meeting Adjourned</li> </ul>

Topic	Discussion
Materials	<ul style="list-style-type: none"> <li>Imperial's Sarnia Products Pipeline Waterdown to Finch Powerpoint presentation December 2018</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>Imperial (KW) thanked everyone for taking their valuable time to met with us again in Toronto.</li> <li>A round of introductions.</li> </ul>
Project Overview	<ul style="list-style-type: none"> <li>Imperial (JM) provided a Project overview. Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.</li> <li>SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA)</li> <li>SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline and diesel that keeps people, goods and services moving in the region.</li> <li>SPPL has operated in the region for many years. It has been in operation since the 1950s. The line is ~65 years old and as a proactive measure, Imperial proposes to replace approximately a 63-kilometre segment of this line with new pipe. The Waterdown to Finch Project (the Project) is the replacement segment from the company's Waterdown pump station in rural Hamilton to the Finch terminal storage facility in Toronto's North York area.</li> <li>Imperial has initiated discussions with the Ontario Energy Board (OEB). The major regulatory process will be the filing of the leave to construct application with the OEB.</li> <li>Imperial has engaged with the public, municipalities, regulators, landowners and Indigenous communities. Since our last meeting, we have continued to advance Project engineering design.</li> <li>Environmental field surveys were completed in spring, summer and fall to capture the field work during the seasonal windows. Archaeological assessment program and the geotechnical program field work are ongoing.</li> <li>Overview of timelines (as described in the PowerPoint presentation), Spring 2018 project launch; Summer/Fall 2018 Community Information Sessions; Winter/Spring 2019 submission to OEB; Summer 2019 engineering design complete; Late Fall 2019 pre-construction communication. 2020 is the potential start date.</li> <li>There are two proposed types of construction methods: open cut construction and trenchless: Horizontal Direction Drilling (HDD and Horizontal Directional Bore (HD Bore)). Construction method has been informed by geotechnical information and environmental considerations. Imperial will look to avoid major watercourses, major road crossings, provincially significant wetlands and important archaeological features by using HDD/HD Bore.</li> <li>JM explained that the current pipeline will remain in operation until the new line is constructed, tested and put into service. The old pipeline will be deactivated and removed from service. It will be cleaned, filled with nitrogen (inert gas to detect pressure monitoring), maintained with cathodic protection, and monitored and left in place.</li> </ul>
	<ul style="list-style-type: none"> <li></li> </ul>

Topic	Discussion
Archaeological Assessment	<ul style="list-style-type: none"> <li>• Past Recovery (BK) noted that the draft Stage 1 Archaeological Assessment report was provided to Huron-Wendat Nation. Comments from Huron-Wendat received on November 19, 2018 will be incorporated into the draft Stage 1 Archaeological Assessment report. This will include revising the discussion of Glen Meyer/Picking and of Huron/Petun in the pre-Contact background section. BK asked if there are further comments?</li> <li>• MP indicated that at this time no further comments to add. Thank you for the opportunity to review and comment.</li> <li>• Huron-Wendat Nation has a strong interest in the Parsons site. Early engagement to work together will be very important.</li> <li>• Imperial showed a profile view map of the preliminary trenchless HDD construction method to avoid the Parsons site area.</li> <li>• Huron-Wendat Nation requested details on how to avoid disturbance to this area.</li> <li>• Imperial will provide a technical memo providing an explanation of the planned archaeological assessment and details of site-specific HDD avoidance and mitigation measures at this area for Huron-Wendat's review and comment. Imperial committed to providing this technical memo and will continue to work closely with Huron-Wendat.</li> <li>• LL suggested organizing a site visit of this area during the Stage 2 assessment next Spring.</li> </ul>
Feedback on Field Monitoring Program	<ul style="list-style-type: none"> <li>• KW I have met Jean-Luc (Field Monitor) on site, he is enthusiastic and the Project team crew has enjoyed working with him. Work has been collaborative and working well.</li> <li>• KW asked, from Huron-Wendat's perspective, how is the Field Monitoring Program going?</li> <li>• Huron-Wendat (MP) replied generally going well. It has been a positive experience.</li> <li>• Huron-Wendat (LL) asked what is the percentage of Stage 2 field work completed?</li> <li>• BK replied that approximately 25% completed. Work has been weather dependent. Crops have come off the field later than expected that has limited the ability to conduct pedestrian surveys in those areas. The field work will continue in the spring 2019.</li> <li>• KW - thank you for the feedback.</li> <li>• BK indicated that our Project team crews have been working well together and appreciated the participation in the Field Monitor program.</li> </ul>
Environmental Planning	<ul style="list-style-type: none"> <li>• ERM (MS) shared that we conducted environmental field surveys such as vegetation and wetlands, terrestrial, bird, bats, amphibians, and fish habitat. Field data is used to assist with Project planning, inform the scope of work for construction, help to avoid and mitigate impacts to the environment, and support permit applications.</li> <li>• Fish habitat assessments informed whether or not in-water work during construction will need to avoid the timing of sensitive fish life stages.</li> <li>• Vegetation and wetland surveys informed the presence of rare plants and wetlands which may need to be either avoided or environmental effects mitigated and/or compensated. We mapped the Provincially Significant Wetlands (PSW) and the Project design plans to avoid all of them.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>Groundwater and surface water studies identified water uses such as water wells and informed water management planning.</li> <li>Alternatives: Regulatory, stakeholder and landowner engagement has influenced the alignment and construction methods. The Project is proposed within Imperial's existing right-of-way for the first 1/3 and then it enters the HONI utility corridor. This is the best alternative route to minimize impacts. The Project planning also includes alternative methods, in particular alternative construction installation methods (i.e. trench versus trenchless).</li> </ul>
What We've Heard	<ul style="list-style-type: none"> <li>ERM (MS) presented information on what we've heard and how Imperial has responded and/or how the comment has helped influence the Project design.</li> <li>Protecting natural heritage <ul style="list-style-type: none"> <li>Conducted vegetation and wetlands, Species at Risk, and fish habitat field surveys. Scheduled construction outside of sensitive Species at Risk timing windows, where feasible.</li> </ul> </li> <li>Identifying route alternatives <ul style="list-style-type: none"> <li>Avoid electricity transmission infrastructure by re-routing new pipeline within the existing Hydro One utility right-of-way and using alternate construction methods such as boring and directional drilling techniques to avoid sensitive surface areas.</li> </ul> </li> <li>Supporting emergency response preparedness <ul style="list-style-type: none"> <li>Worked collaboratively with stakeholders to review emergency plan. Imperial collaborated with local emergency services and others in recent Emergency Response Exercise.</li> </ul> </li> <li>Minimizing impacts to local transportation networks <ul style="list-style-type: none"> <li>Use of trenchless construction methods to avoid major roadways. Will implement traffic management plans and mitigation measures to minimize traffic impacts</li> </ul> </li> <li>Preserving known archaeological and cultural heritage resources <ul style="list-style-type: none"> <li>Avoid known archaeological sites</li> <li>Engage Indigenous Field Monitors and consultation office on archaeological assessment planning and review. Worked collaboratively with Indigenous Field Monitors on archaeological assessments and environmental field surveys.</li> </ul> </li> <li>Completed an impact assessment on agricultural lands.</li> <li>Providing detailed maps and online resources. An "online information session" with ongoing Project updates and detailed maps at <a href="http://imperialoil.ca/waterdowntofinch">imperialoil.ca/waterdowntofinch</a>.</li> </ul>
Leave to Construct process	<ul style="list-style-type: none"> <li>ERM (JC) provided an overview of the Leave to Construct (LTC) process, explained the LTC process and indicated the OEB regulatory consultation points.</li> <li>Imperial is preparing the Environmental Report and planning to submit the LTC application in Q1 2019 to the Ontario Energy Board. We are in the pre-application phase and Imperial's consultative approach is to consult early. Feedback can be received at any time, regardless of the OEB's regulatory consultation points.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>Once application filed, the OEB will issue a notice to the public. Individuals/organizations/communities can provide letters of comment or participate as an intervener. OEB will organize a written/oral hearing to seek comments prior to the OEB Board's decision.</li> <li>JC reiterated that our consultative approach is that feedback and comments/concerns can be raised at anytime for response and not dependent on OEB's regulatory points.</li> </ul>
Discussion Consultation	<ul style="list-style-type: none"> <li>JM noted that a series of Community Information Sessions were recently held in municipalities. Imperial noted that we would be willing to offer a Community Information Session or an open house presentation in the community based on your preference and need.</li> <li>JM noted that we can provide the shapefile and kmz files for the Project centerline showing the location of the planned trenchless construction methods.</li> <li>MP suggested additional follow-up on other Imperial projects such as the Credit River Valley crossing and the integrity digs maintenance program. KW agreed.</li> <li>Huron-Wendat (MV) is interested in discussing a framework protocol that sets out the relationship and expectations for projects in the area.</li> <li>KW replied that Imperial would be open to discussing this further.</li> </ul>
Closing	<ul style="list-style-type: none"> <li>Imperial (KW), Thank you very much for taking the time to meet with us.</li> </ul>
	<ul style="list-style-type: none"> <li></li> </ul>
<b>Summary of Actions</b>	
<ul style="list-style-type: none"> <li>Continued participation of Huron-Wendat Nation in the Field Monitoring program.</li> </ul>	KW
<ul style="list-style-type: none"> <li>Provide Huron-Wendat with mapping shapefiles, Google Earth files</li> </ul>	KW
<ul style="list-style-type: none"> <li>Develop a technical memo describing archaeological assessment and site specific avoidance/mitigation measures for the Parsons site</li> </ul>	KW/B K
<ul style="list-style-type: none"> <li>Follow-up discussion on the Credit Valley review project and the integrity dig maintenance program</li> </ul>	KW
<ul style="list-style-type: none"> <li>Follow-up discussion on establishing framework protocol with Huron-Wendat Nation</li> </ul>	KW

Potential topics to record for Isometrix reporting:

EXHIBIT H  
Imperial  
Record of Consultation - Supporting Documents  
Waterdown to Finch Pipeline Project

December 19, 2018  
Meeting Summary Notes

Topic	Discussion
<input type="checkbox"/> Accidents and Malfunctions <input type="checkbox"/> Air Emissions and Noise <input checked="" type="checkbox"/> Alternatives	<input checked="" type="checkbox"/> Aquatic Resources and species <input checked="" type="checkbox"/> Archaeology <input type="checkbox"/> Community Contribution Request
<input checked="" type="checkbox"/> Cultural Heritage Resources <input checked="" type="checkbox"/> Emergency Response <input type="checkbox"/> Excavation/Damage Prevention/Pipeline Location	<input checked="" type="checkbox"/> Groundwater <input checked="" type="checkbox"/> Operational Issue
<input type="checkbox"/> Right-of-Way/ Access Agreement <input checked="" type="checkbox"/> Safety, Health and Environment <input type="checkbox"/> Socioeconomic (labour, economy, social)	<input type="checkbox"/> Traditional use <input checked="" type="checkbox"/> Vegetation <input checked="" type="checkbox"/> Wetlands <input checked="" type="checkbox"/> Wildlife and Habitat



**Waterdown to Finch General Inquiries**  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

May 22, 2018

Linda Norheim  
Manager, Lands, Resources and Consultations  
Métis Consultation Unit  
Métis Nation of Ontario Head Office  
Suite 1100, 66 Slater Street  
Ottawa, Ontario  
K1P 5H1

Dear Ms. Norheim,

Imperial's Sarnia Products Pipeline (SPPL) is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area. This includes a significant portion of jet fuel at Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout the region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63-kilometres of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

The Waterdown to Finch Project is proactively replacing a segment of pipeline to deliver continued safety and reliability. The existing pipeline will continue to operate until the project is complete.

Environmental and cultural assessments will start in the spring of 2018. Subject to provincial regulatory review and receipt of all permits, Imperial anticipates construction to begin in 2019.

Most replacement work will take place in close vicinity to the existing pipeline. Imperial representatives will also be communicating with landowners where proposed activities may be taking place in the coming weeks. Over the duration of the project, we will work collaboratively and communicate proactively to minimize construction impacts.

**Please accept this letter as a formal notification of Imperial's Waterdown to Finch Project. Imperial would like to schedule a meeting to discuss the Waterdown to Finch Project, share information and answer questions.** If you would like to learn more about the Waterdown to Finch Project, please contact us at [questions@imperialon.ca](mailto:questions@imperialon.ca) or leave a message at 416-586-1915.

In addition to the project brochure and meeting offer, you can also visit our project website at [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch) for an overview of the proposed replacement work, including project facts, work schedule, construction practices and community engagement efforts.

We look forward to connecting.

Sincerely,

Christopher Plain  
Indigenous Relations Lead – Ontario Region  
Imperial Oil Limited

## Jim Chan

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**From:** Linda Norheim <LindaN@metisnation.org>  
**Sent:** Thursday, July 19, 2018 1:33 PM  
**To:** Jim Chan  
**Subject:** RE: Waterdown to Finch Project

Hello Jim,

Thanks for your email and the information about the Waterdown to Finch project. I will send this along to the consultation committee(s) with a potential interest in this project. If they indicate an interest in receiving more information or in meeting with you, I will contact you to arrange a meeting.

Nice to meet you via email.

All the best  
Linda

Linda Norheim  
Manager  
Lands, Resources and Consultations  
Métis Nation of Ontario  
311-75 Sherbourne St.  
Toronto, ON M5A 2P9  
Ph: 416-977-9881 ext.102  
TF: 1-888-466-6684  
E: [LindaN@metisnation.org](mailto:LindaN@metisnation.org)

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**From:** Jim Chan [mailto:Jim.Chan@erm.com]  
**Sent:** July-11-18 4:02 PM  
**To:** Linda Norheim; Plain, Christopher /C  
**Subject:** Waterdown to Finch Project

Hello Linda,

I'm understanding that you are currently on vacation and not returning until July 17<sup>th</sup>, 2018. Perhaps at that time, we could kindly connect in-person at the MNO office, at your convenience.

A quick introduction, on a personal note, I've been to the office before and I know James Wager and Mark Knell (was previously with MNO Lands and Consultation).

We would like to provide you with information on the Imperial's pipeline replacement from Waterdown to Finch Project, which is located in southern Ontario.

Imperial's existing Sarnia Products Pipeline is an important piece of infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area (GTHA). This includes a significant portion of jet fuel for Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout our region.

Imperial is planning to replace approximately 63 kilometre section of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

Perhaps, when we are back, we could reconnect. Attached you will find information on this project.

Regards,

**Jim Chan**  
Senior Consultant  
**ERM**

Richmond-Adelaide Centre  
120 Adelaide Street West  
20th floor | Suite 2010  
Toronto | ON | Canada | M5H 1T1  
**T** +1 416 646 3608 (office) | **M** +1 647 919 9474 (mobile)  
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## Jim Chan

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**From:** Jim Chan  
**Sent:** Wednesday, July 11, 2018 4:02 PM  
**To:** lindan@metisnation.org; Plain, Christopher /C  
**Subject:** Waterdown to Finch Project  
**Attachments:** A.1 Canada - SPPL - Waterdown to Finch Brochure.pdf

Hello Linda,

I'm understanding that you are currently on vacation and not returning until July 17<sup>th</sup>, 2018. Perhaps at that time, we could kindly connect in-person at the MNO office, at your convenience.

A quick introduction, on a personal note, I've been to the office before and I know James Wager and Mark Knell (was previously with MNO Lands and Consultation).

We would like to provide you with information on the Imperial's pipeline replacement from Waterdown to Finch Project, which is located in southern Ontario.

Imperial's existing Sarnia Products Pipeline is an important piece of infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area (GTHA). This includes a significant portion of jet fuel for Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout our region.

Imperial is planning to replace approximately 63 kilometre section of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

Perhaps, when we are back, we could reconnect. Attached you will find information on this project.

Regards,

**Jim Chan**  
Senior Consultant  
**ERM**

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Imperial's Sarnia Products Pipeline

# Waterdown to Finch Project



# Continued safety and reliability: pipeline replacement from Waterdown to Finch

Imperial's Sarnia Products Pipeline is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area (GTHA). This includes a significant portion of jet fuel for Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout our region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63 kilometre section of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

## **Project highlights**

### **Working within the existing pipeline corridor:**

Most replacement work will take place in close vicinity to the pipeline.

### **Completing the Waterdown to Finch Project:**

Environmental and cultural assessments will start in the spring of 2018. Subject to provincial regulatory reviews and receiving all permits, Imperial expects to start construction in 2019. The existing pipeline will continue to operate reliably until the Waterdown to Finch Project is complete.

**Following a thorough regulatory process:** Imperial will seek approval for a Leave to Construct from the Ontario Energy Board. This includes a thorough assessment of the project's environmental effects and engagement with landowners, communities and Indigenous groups.

**Informing community members:** Imperial is committed to meaningful community, government and Indigenous engagement throughout the duration of the project.

**Protecting our local environment:** Imperial works to ensure the highest standards of environmental safety are observed every day. During the replacement process, Imperial will continue to work with government and regulators to protect our local environment.

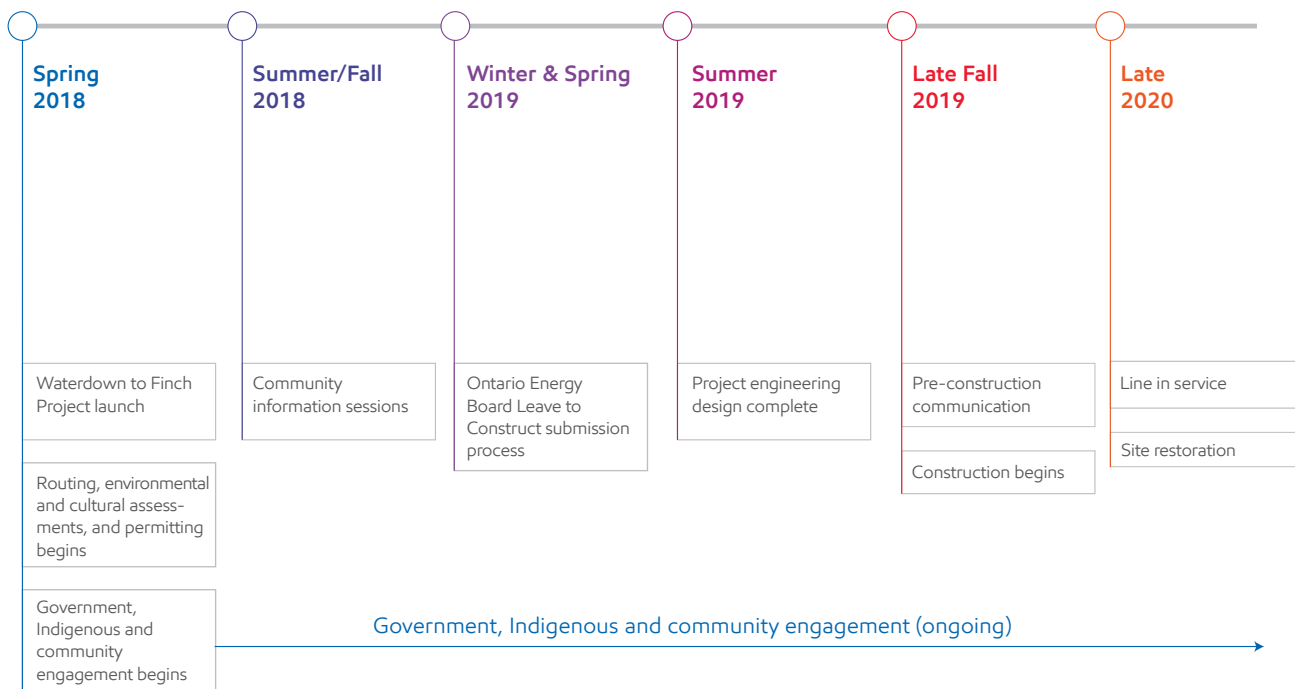
**Keeping local traffic moving:** Imperial will work closely with municipalities and residents so the impacts on traffic are as limited as possible.

**Creating jobs here in Ontario:** Imperial employs approximately 1,200 employees and up to 3,500 contractors per day in Ontario. Imperial is looking to work with local contractors and business services, including from Indigenous groups, throughout the life of the project.

## Waterdown to Finch Project location



## Work timeline\*



\* Timeline is subject to regulatory and permitting approvals

# Land, regulatory and permitting approvals

Imperial will respect all landowners' property and will seek to minimize disruptions. Imperial also recognizes the importance of collaboration with local Indigenous groups when conducting activities on their traditional territories.

Before work begins, Imperial will engage with landowners regarding access to our easements on their property. Concurrently, we will engage with Indigenous groups to understand interests and opportunities to further collaborate in the region.

In addition to landowner access and Indigenous collaborations, Imperial will require regulatory approval, permits or project approvals from the following entities listed in alphabetical order:

## Federal

- Environment and Climate Change Canada
- Fisheries and Oceans Canada
- Transport Canada

## Provincial

- Infrastructure Ontario
- Ontario Energy Board
- Ontario Ministry of Environment and Climate Change
- Ontario Ministry of Indigenous Relations and Reconciliation
- Ontario Ministry of Natural Resources and Forestry
- Ontario Ministry of Tourism, Culture and Sport

## Regional

- Conservation Halton
- Credit Valley Conservation Authority
- Hamilton Conservation Authority
- Niagara Escarpment Commission
- Toronto and Region Conservation Authority

## Municipalities (construction permitting)

- City of Burlington
- City of Hamilton
- City of Mississauga
- City of Toronto
- Town of Milton
- Town of Oakville



# Minimizing construction impacts

Imperial is working carefully with the regulator and different levels of government to plan the Waterdown to Finch Project so that construction impacts are as limited as possible.

## **Routing, environmental assessments and permitting**

- Engineers and environmental surveyors work together to identify a pipeline route that minimizes impact to the environment and surrounding community.
- Engineering, Indigenous technicians and environmental experts work to understand the soil, below ground conditions, vegetation, species, archaeologically sensitive sites, water crossings and environmentally sensitive areas.
- These reports will be reviewed and approved by permitting and regulatory authorities before construction begins.

## **Preparing for construction**

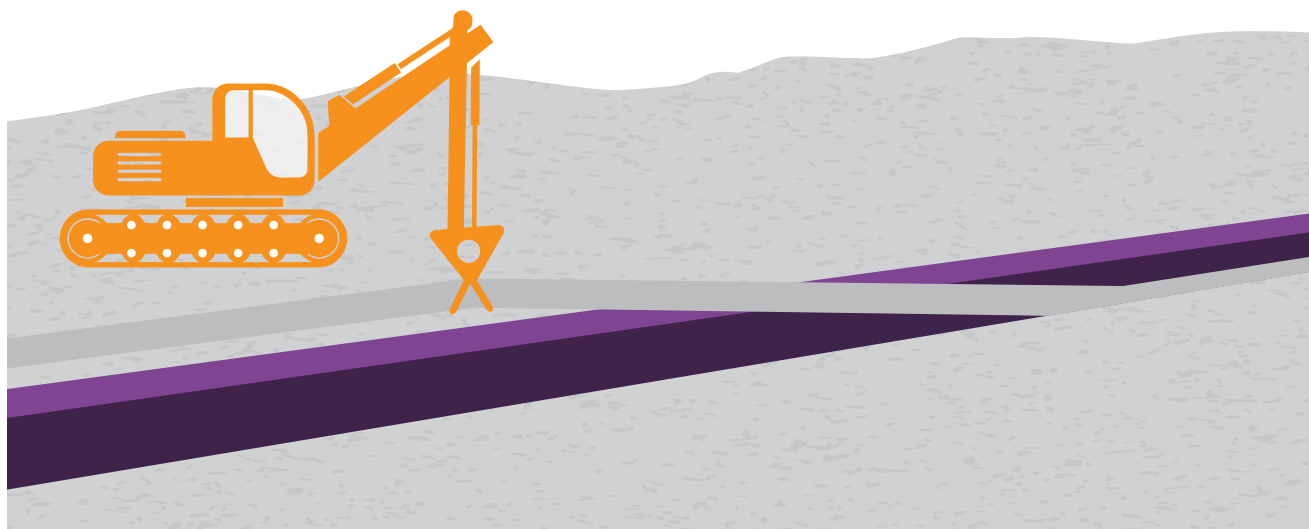
- After the engineering design plan is confirmed, multiple teams along the pipeline will mobilize for construction.
- The pipeline route will be cleared and temporary workspaces, including safety barricades, will be installed.

## **Construction methods**

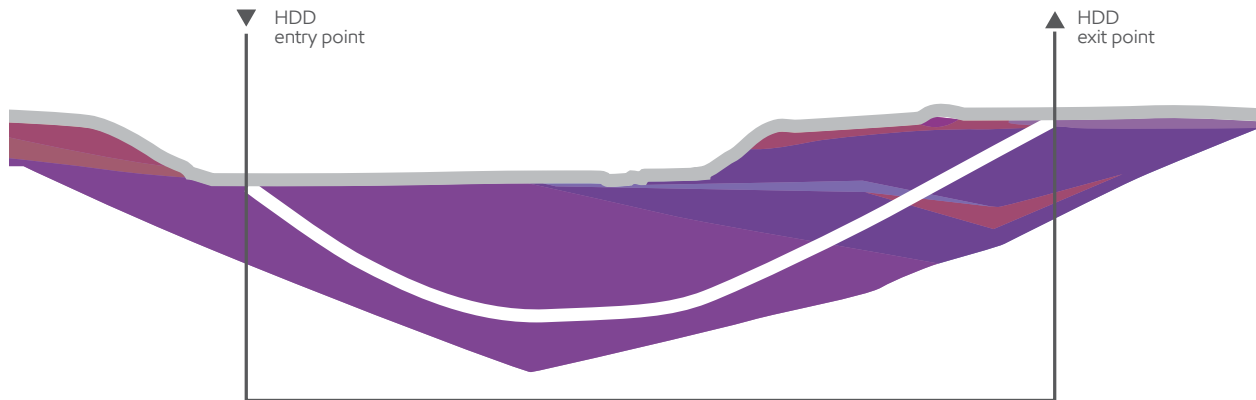
1. Open cut construction
2. Trenchless technology

Based on the engineering and environmental surveys, Imperial will perform one of two construction techniques:

### **1. Open cut construction**



## 2. Trenchless technology



### 1. Open cut construction

Open cut construction is the fastest method for pipeline installation.

- Lay and bend the pipe to match contours of the land.
- Weld, test and inspect the pipe.
- Lower pipe into the trench and cover it for protection.

### 2. Trenchless technology

A horizontal directional drill (HDD) is a method of installing underground pipe using a drilling rig at the surface level. It is best used at sensitive areas, or in dense residential or commercial areas.

- Drill a hole along a designed directional path.
- Enlarge the pilot hole to a diameter suitable for installation of the pipeline.
- Pull the pipeline back into the enlarged hole.

### Commissioning/activating the new line

- The new pipeline will ultimately be connected and tied into Imperial's Waterdown Station and Finch Terminal.
- The pipeline's integrity is inspected by a hydrostatic pressure test. Once the pipe is cleaned and dried, it can be slowly filled with diesel, gasoline or jet fuel.

### Deactivation of current line

- The deactivated pipe will be removed from service, cleaned, filled with nitrogen (like what we put in our car tires), and left in place.
- Deactivation is undertaken to reduce environmental impacts (soil stability, slope stabilization and settlement issues), avoid short and long-term community construction impacts and minimize safety risk for other pipelines sharing the right-of-way.
- Imperial deactivates pipeline segments in accordance with industry best practices (Canadian Standards Association's Oil and Gas Pipeline Systems Code) and provincial regulations (*Technical Standards and Safety Act*).
- Imperial is responsible for paying for the maintenance and monitoring of this segment of deactivated pipeline.
- Imperial remains responsible for ongoing monitoring, line identification and crossing management of the deactivated line.

# Our commitment to community engagement and the environment

We appreciate the patience of our neighbours, Indigenous groups and community members as we work to enhance the long-term safety and reliability of our existing operations.

## Community engagement

In order to minimize the impact of disruption, we look to local residents to help inform solutions.

During the project period, community members will have several ways to receive information and ask questions:

- [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)
- Email: [questions@imperialon.ca](mailto:questions@imperialon.ca)
- Telephone: 416.586.1915
- Community information sessions
- Construction notices delivered a minimum of two weeks before activity begins
- Ongoing information sharing

## Protecting the local environment

- Every day, our employees work hard to safely supply fuel to keep cars, trucks and planes in our province moving.
- Our Sarnia and Nanticoke refineries play a critical role in meeting Ontario's energy needs. Since 1990, refinery sector greenhouse gas emissions in Ontario have been reduced by 32 per cent.

- In the last five years, we have spent approximately \$1.1 billion at Nanticoke and Sarnia to improve the reliability and safety of our operations.
- Sarnia and Nanticoke both achieved a number of best-ever safety and environmental performance in 2016 and 2017.
- We remain committed to operating our facilities in an environmentally responsible manner and in compliance with provincial regulations.



# Our proactive protection and preventative maintenance program

We attribute our record of safe and reliable operations to our preventative maintenance and proactive pipeline inspection programs.

We work closely with independent pipeline regulators and government permitting authorities to ensure our facilities comply with all applicable laws and regulations.

## **Focused on safety**

- Imperial's safety performance is among the best in the Canadian energy industry.
- Imperial conducts routine and frequent aerial and daily ground monitoring of the pipeline path.
- Imperial's emergency response plan prioritizes the protection of people and the environment.
- The emergency response team in Ontario is highly trained, appropriately resourced and ready to respond quickly in the unlikely event of a pipeline emergency.

## **Monitored 24 hours a day, 365 days a year**

- Our pipelines are monitored around the clock.
- Skilled workers in a dedicated control centre with access to monitoring tools can remotely shut down the pipeline and dispatch local workers to inspect the pipeline.

## **Pipeline protection measures**

- Imperial uses protected steel pipe that is coated to safeguard against external corrosion.
- Cathodic protection, a technique that uses low-voltage electric currents to curb corrosion, works with the coating to protect the pipe from external elements.
- The pipe is buried below ground to protect it from damage.
- Valves are strategically placed along the pipeline path to allow sections of the pipeline to be closed off as needed.
- Automated valves can automatically close if they sense an unexpected pressure drop or be remotely controlled by the operations centre.

## **Using innovative technologies and assessment methods**

- Industry-leading inspection tools confirm both internal and external characteristics of the steel to identify and prioritize repairs.
- Imperial will use the inspection findings to determine where a pipeline dig and visual inspection are necessary, which informs maintenance and any additional work, such as replacing a section of the pipeline.

# Imperial in Ontario: supporting economic growth

As an integrated products company, at Imperial we explore for, produce, refine and market products essential to society.

We are Canada's largest refiner, producing over 400 kilo barrels per day (kbd).

**Founded in Ontario:** As Canada's largest refiner of petroleum products, we have more than 130 years of providing Canadians with reliable energy, while supporting our economy and protecting the environment.

**Supporting Ontario households:** Imperial employs approximately 1,200 employees and up to 3,500 contractors a day in Ontario.

**Major capital projects:** Imperial continues to invest in Ontario with more than \$750 million at our two refineries in Sarnia and Nanticoke. Investments include environmental improvements, energy conservation projects, clean fuel facilities and infrastructure improvements.

**Research and development in Ontario:** Over the past decade, Imperial has invested more than \$300 million in research and development in the province.

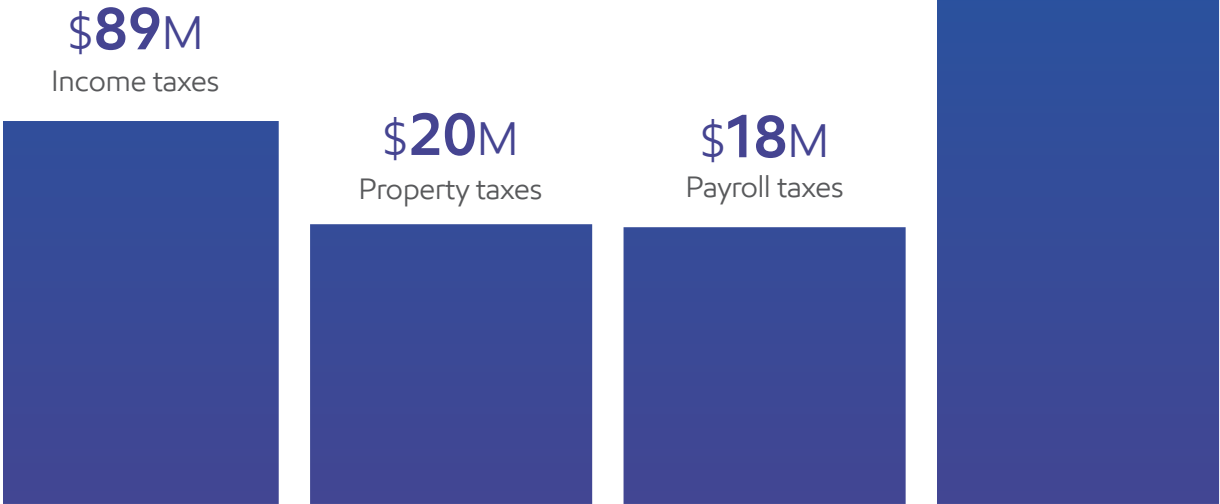


**\$886M**

Provincial fuel taxes

**Imperial’s ongoing contributions to Ontario**

Imperial and Canada’s energy industry support economic growth across the whole province. Imperial contributes to Ontario’s economy through taxes, employment, investing in technology, creating opportunities for suppliers to provide goods and services to our projects, and supporting education and training programs that develop the skilled workforce of the future.



Based on 2016 contributions  
Source: Business Council of Canada 2016 Total Tax Contribution Survey.

We want to hear from you  
T: 416.586.1915  
E: [questions@imperialon.ca](mailto:questions@imperialon.ca)

**[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)**

**Jim Chan**

---

**From:** Ted Cousins <tedc@metisnation.org>  
**Sent:** Tuesday, September 18, 2018 3:25 PM  
**To:** Jim Chan  
**Cc:** Linda Norheim  
**Subject:** RE: Invitation to meet regarding SPPL Waterdown to Finch Replacement

Hi Jim,

I'm following up on your email offering to meet and provide information about Imperial's Waterdown to Finch pipeline replacement (sent July 11, 2018 to Linda Norheim). Thank you for this invitation. I'm the new consultation assessment coordinator in our Toronto office, and I'll be responsible for coordinating consultation and engagement activities between proponents and our regional consultation committees.

The Waterdown to Finch portion of the SPPL is located within the Métis Nation of Ontario (MNO's) Region # 8. In order to consult, or engage with the MNO, proponents must meet with the regional Métis Consultation Committee, which represents the Métis Community Councils in the areas affected by a proposed project. The MNO's region 8 consultation committee consists of one regional councillor and one representative from each of the three Chartered Métis Community Councils in Region 8 (Credit River, Toronto region, and Oshawa and Durham region Métis Councils). Meeting with the Region 8 RCC ensures that Métis citizens living in the area of the project are properly represented in any discussion with project proponents.

Our Region 8 consultation committee has reviewed the information package sent to us about the Waterdown to Finch replacement project, and is interested in meeting with Imperial to discuss the project. If Imperial is able to meet with our Region 8 consultation committee, please let me know and we can proceed to arrange logistics etc. For your information, there would likely be four members from the Region 8 consultation committee plus one or two MNO support staff. If you have any questions, please don't hesitate to call or email.

Thanks,

Ted

**Ted Cousins**

Consultation Assessment Coordinator  
Lands, Resources and Consultations Branch  
Métis Nation of Ontario  
311-75 Sherbourne St.  
Toronto, ON. M5A 2P9  
Ph: 416-977-9881 ext. 112  
Toll Free: 1-888-466-6684  
F: 416-977-0011  
E: [TedC@metisnation.org](mailto:TedC@metisnation.org)  
[www.metsnation.org](http://www.metsnation.org)

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EXHIBIT H  
Record of Consultation - Supporting Documents  
Please consider the environment before printing this e-mail.

## Jim Chan

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**From:** Williams, Kelly /C <kelly.williams@esso.ca>  
**Sent:** Tuesday, November 13, 2018 9:13 AM  
**To:** Ted Cousins  
**Cc:** Jim Chan; Liddell, Jennifer H; Malone, Jessie M  
**Subject:** RE: Invitation to meet regarding SPPL Waterdown to Finch Replacement  
**Attachments:** 18\_Nov A.1 WFP\_Intro.pdf

Good morning Ted,

I can appreciate the challenge of arranging a meeting for a group with diverse schedules. We can be flexible, so if you can offer us a few dates/times that can work on your end, we will do our best to accommodate. We can make an evening meeting work if necessary. In the meantime I will send you a project information package via courier as a starting point for the Consultation Committee.

I have also attached a slide presentation on the project and here is a link to information on our website.

<https://www.imperialoil.ca/en-ca/company/operations/other-operations/imperial-sarnia-products-pipeline>

Looking forward to hearing from you to discuss further, if the Consultation Committee wishes to meet with the project team. Thanks for your assistance Ted.

Regards,

*Kelly Williams*

Community Relations Officer  
602 Christina Street  
Sarnia, ON Canada N7T 7M5  
519-328-8681 Cell  
[kelly.williams@esso.ca](mailto:kelly.williams@esso.ca)  
Imperialoil.ca

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**From:** Williams, Kelly /C  
**Sent:** Monday, November 5, 2018 3:20 PM  
**To:** 'Ted Cousins' <tedc@metisnation.org>; Jim Chan <Jim.Chan@erm.com>; Liddell, Jennifer H <jennifer.h.liddell@esso.ca>  
**Subject:** RE: Invitation to meet regarding SPPL Waterdown to Finch Replacement

Hi Ted-Hope you are well. I am hearing that there may be snow in your area in the very near future.

Have you heard back from your Consultation Committee regarding our potential meeting dates. If there is a common date other than those we have talked about, please let me know and we will do our best to accommodate. Looking forward to hearing from you.

Best regards,

*Kelly Williams*



Imperial's Sarnia Products Pipeline

# Waterdown to Finch Project

November 2018



# Agenda

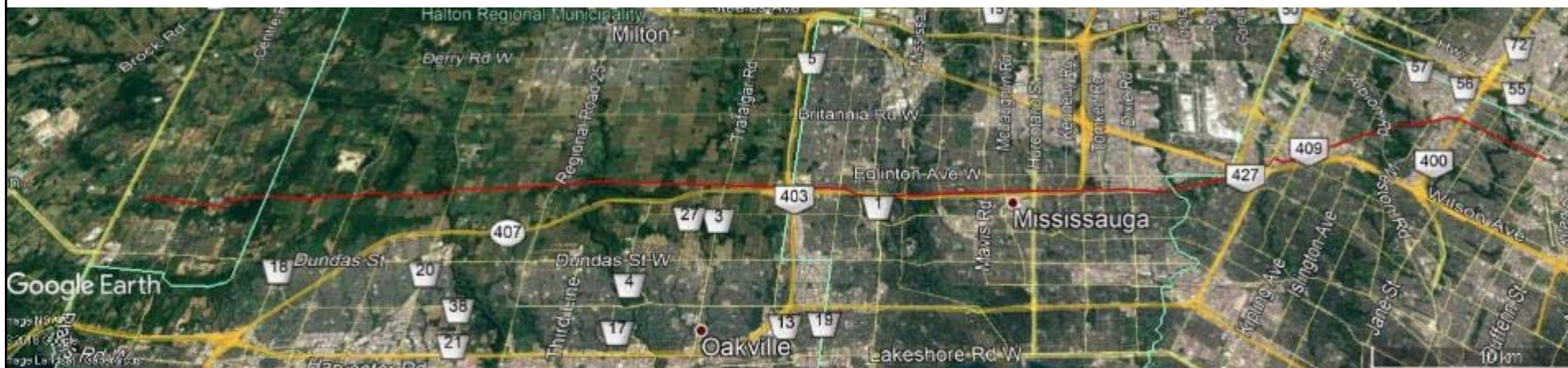
- Welcome/ Open Meeting
- Introductions
- Safety Moment
- Overview of Waterdown to Finch Project



# Safety Moment

# Imperial's Sarnia Products Pipeline

- Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area
- SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA)
  - SPPL supplies a significant portion of product used at Toronto Pearson International Airport, and gasoline and diesel that keeps people, goods and services moving
- SPPL has operated safely in the region for many years

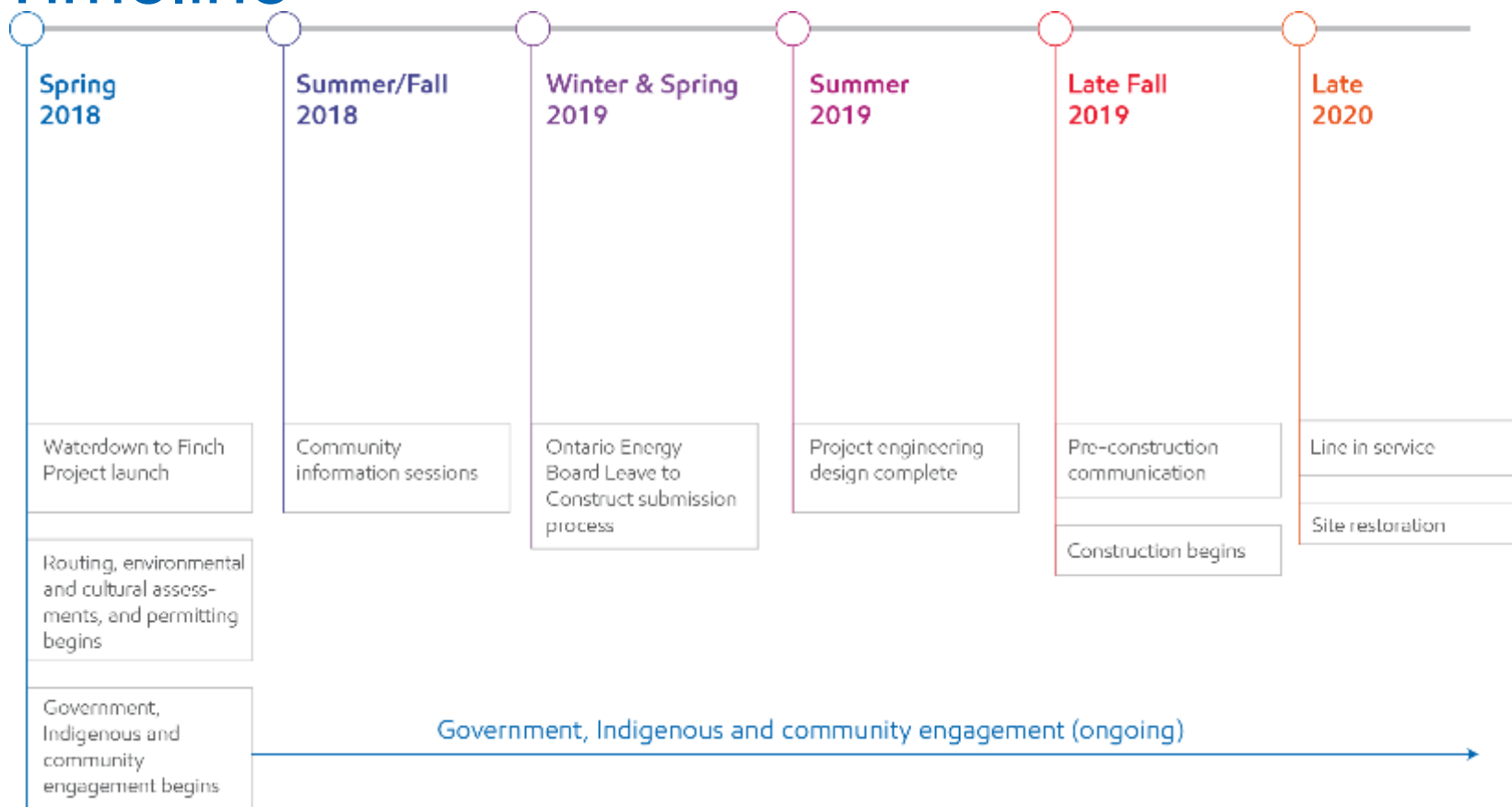


## Continued safety and reliability for the GTHA

- Imperial is planning to replace approximately 63 km of the line with new pipe
- The pipeline will continue to operate safely until the replacement segments are prepared for operation
- Imperial will apply for a Leave to Construct from the Ontario Energy Board, which includes an assessment of environmental effects and engagement with landowners, communities and Indigenous groups
  - Imperial will respect landowners' property and will seek to minimize disruptions
  - Imperial recognizes the importance of collaboration with Indigenous groups, municipalities and other community stakeholders



# Timeline\*



<sup>6</sup> \* Subject to regulatory and permitting approvals

# Regulatory approvals and permitting

- In addition to landowner access and Indigenous collaboration, Imperial will require regulatory approval, permits or project information sharing from the following entities listed in alphabetical order

## Federal

- Environment and Climate Change Canada
- Fisheries and Oceans Canada
- Transport Canada

## Provincial

- Infrastructure Ontario
- Ontario Energy Board
- Ontario Ministry of Indigenous Relations and Reconciliation
- Ontario Ministry of Environment and Climate Change
- Ontario Ministry of Natural Resources and Forestry
- Ontario Ministry of Tourism, Culture and Sport

## Regional

- Conservation Halton
- Credit Valley Conservation Authority
- Hamilton Conservation Authority
- Niagara Escarpment Commission
- Toronto and Region Conservation Authority

## Municipalities (construction permitting)

- City of Burlington
- City of Hamilton
- City of Mississauga
- Town of Milton
- Town of Oakville
- City of Toronto

# Environmental Permitting

## Federal

- DFO: Self-assessment
- TC: *Navigation Protection Act* screening

## Provincial

- OEB: Leave to Construct, Environmental Report
- IO: Public Works Class EA (potential)
- MNRF: Species at Risk permitting (potential)
- MOECC: Water Taking Permit (potential)
- MTCS: Stage 2 Archaeology and Cultural Heritage Evaluation

## Regional/Municipal

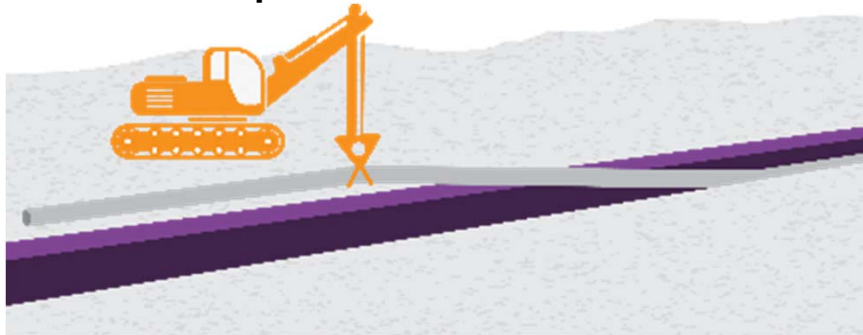
- Conservation Authorities: Development, Interference with Wetlands and Alterations to Shorelines and Watercourses
- NEC: Development Permit
- Municipalities: Tree damage/removal permits



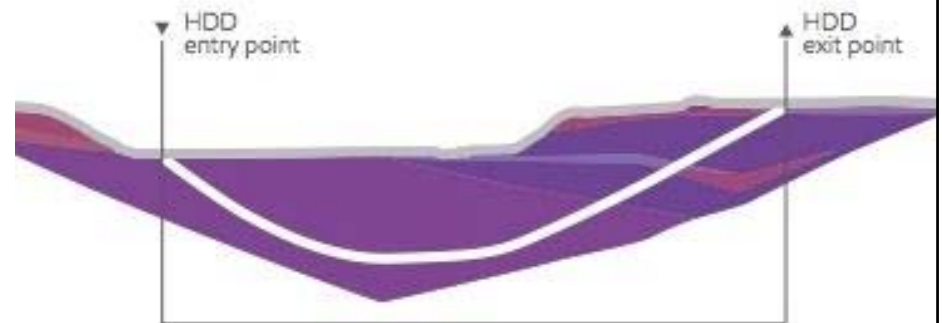
# Minimizing construction impacts

- Imperial will work with landowners, permitting authorities and different levels of government so construction impacts are as limited as possible
- Engineers and environmental surveyors work together to develop the pipeline route that minimizes impact to the environment and community
- Deactivated pipe will be removed from service, cleaned, filled with nitrogen and left in place to reduce environmental impacts
- Based on engineering and environmental surveys, Imperial will perform one of two construction techniques:

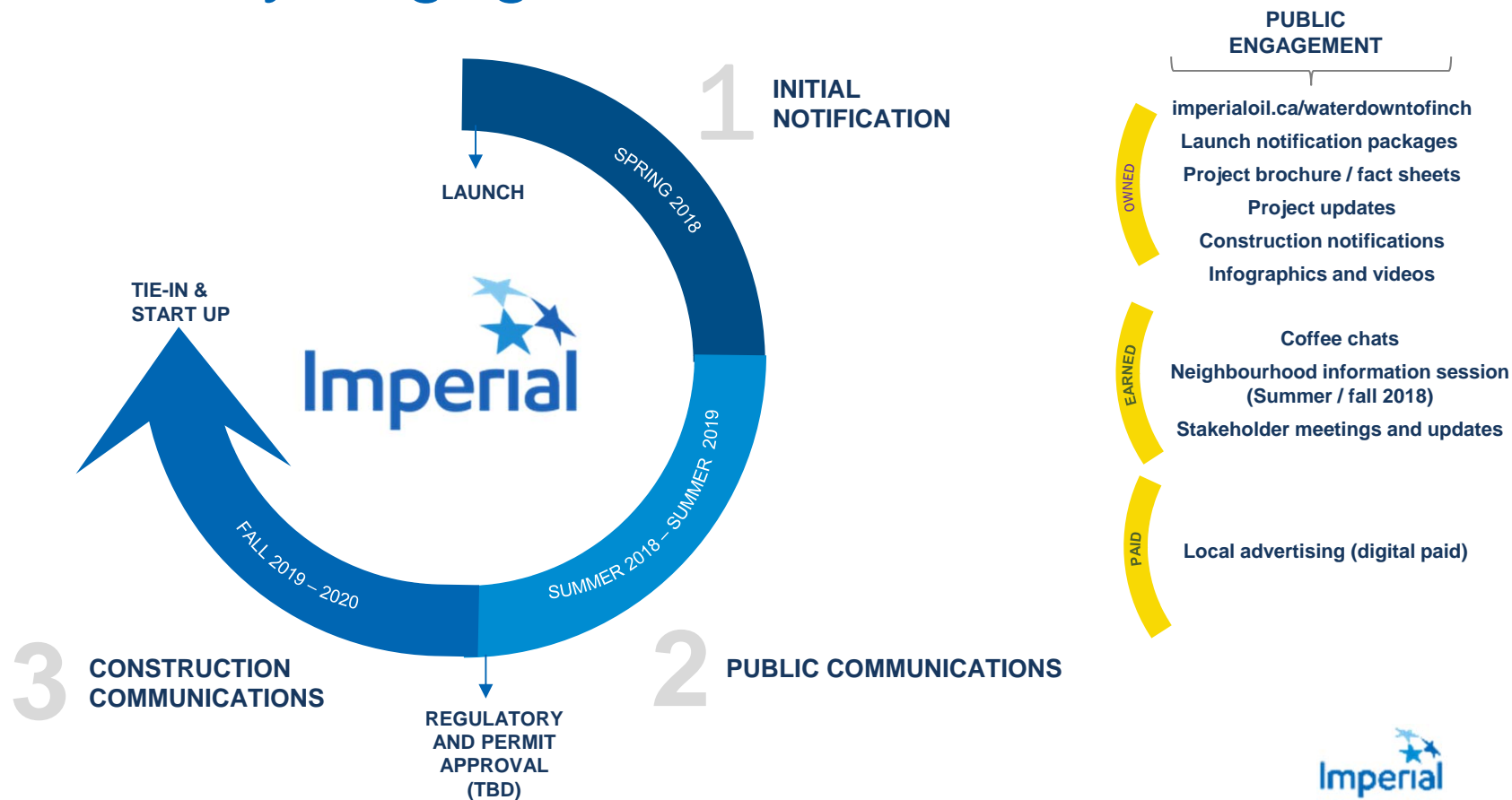
**Open cut construction**



**Trenchless technology**



# Community engagement



# Imperial in Ontario

## Founded in Ontario:

- Canada's largest refiner of petroleum products
- 130 years of providing reliable and affordable products

## Supporting Ontario households:

- Employs approximately 1,200 employees and up to 3,500 contractors a day

## Major capital projects:

- \$750 million in capital investments at Sarnia and Nanticoke refineries in the last decade

## R&D in Ontario:

- Invested more than \$300 million in research and development

## Imperial's Contributions in Ontario (2016)\*



\*Business Council of Canada 2016 Total Tax Contribution Survey

# For more information

W: [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)

T: 416.586.1915

E: [questions@imperialon.ca](mailto:questions@imperialon.ca)

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**Imperial**  
**Waterdown to Finch Pipeline Project**  
**July 25, 2018**  
**Canadian Pacific Railway (CP Rail) Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*CP Rail (CP)*

- Jack Carello, Manager – Utilities and Flagging (JC)

**Regrets:**

*Imperial (IOL)*

- Amir Taherivand, Consultant (AT)

*Universal Pegasus International (UPI)*

- David Bui, Senior Engineer I (DB)
- Hernan Castedo, Engineer III (HC)

*CanACRE (CA)*

- John Yu, Planner, Team Lead, Planning and Permitting (JY)
- Ryo Kikuchi, Planner, Planning and Permitting (RK)

*Stantec Consulting (ST)*

- Adam Hatch, Project Manager – Geotechnical Engineering (AH)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Project (the Project)
- Discuss Affected CP Rail Lands and Requirements
- Confirm CP Rail Railway Property Permitting Requirements and Approvals
- Establish Point(s) of Contact for CP Rail

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Teleconference and join.me Screenshare</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Waterdown to Finch Project Overview</li> <li>• Affected CP Rail Lands and Requirements                             <ul style="list-style-type: none"> <li>▪ Geotechnical &amp; Settlement Monitoring Requirements                                     <ul style="list-style-type: none"> <li>○ Geotechnical Protocol</li> </ul> </li> <li>▪ Corridor Access Permit</li> <li>▪ Utility Crossing Application</li> <li>▪ Flagging</li> </ul> </li> <li>• Point(s) of Contact</li> <li>• Questions</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's Sarnia Products Pipeline Waterdown to Finch PowerPoint presentation July 2018</li> <li>• Google Earth KMZ showing proposed pipe centreline, geotechnical surveys, and CP Rail parcels</li> </ul>

Safety Moment	<ul style="list-style-type: none"> <li>JY shared a safety moment on being extra careful when driving across railway crossings on public roads. Some larger vehicles such as buses come to a full stop before driving through a railway crossing on a public road.</li> </ul>
Waterdown to Finch Project Overview	<ul style="list-style-type: none"> <li>JY indicated that Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.</li> <li>SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA).</li> <li>SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline, diesel and jet fuel that keeps people, goods and services moving.</li> <li>SPPL has operated in the region for many years. Imperial is planning to replace approximately 63 km of the 12" line with new 12" pipe. The pipeline will continue to operate until the replacement segments are prepared for operation.</li> <li>The current pipeline will be deactivated and removed from service. It will be cleaned, filled with nitrogen, maintained, monitored and left in place.</li> <li>Overview of timelines: Spring 2018: project launch, routing, environmental and cultural studies; Summer/Fall 2018: Community Information Sessions in 6 municipalities; Winter/Spring 2019: LTC submission to OEB; Summer 2019: engineering design complete; Late Fall 2019: pre-construction communication. Late 2020 is the potential in-service start date.</li> <li>JY provided an explanation on the two types of installation methods: Trenchless, including HDD, and Open cut.</li> </ul>
Geotechnical & Settlement Monitoring Requirements	<p><u>Crossing 1</u></p> <ul style="list-style-type: none"> <li>JY showed and described the first crossing is in Hamilton, located by Concession 5 Road and Robson Road.</li> <li>JY asked whether there are any concerns regarding this crossing. JC stated that there are no concerns, so long as the pipeline crosses the railway at a depth of at least 3.1 metres below the base of rail, and workspace does not encroach the rail right-of-way. The deeper the pipeline is the better, to protect the right-of-way for future upgrades/expansions.</li> <li>JY asked UPI to confirm if an HDD is proposed at this crossing, and if so, whether the HDD will occur at a depth greater than 3.1 metres. HC indicated that the pipe should be at a depth of at least 3.1 m at this location, but noted that the Project is still in the preliminary design stages so installation methods are still being considered.</li> <li>JY stated that Boreholes 4 and 5 are proposed on either side of the corridor for the purposes of submitting the Geotechnical report for this crossing, as per the latest Geotechnical requirements protocol provided by JC. A permit application will need to be submitted for access and flagging to cross CP Rail's corridor.</li> <li>JC asked whether access is from Concession 5 Rd E, and stated there are no concerns with access to Crossing 1 so long as flagging is arranged. AH confirmed that Borehole 4 is going to be accessed through the CP Rail corridor via Concession 5 Rd E and not through the adjacent private properties. The rail will be crossed with rubber-tracked</li> </ul>

drills and not metal tracks. If required, additional matting can be placed so that damage is caused over the tracks.

- JC advised that access from the south side of the corridor is sloped, which will make it difficult for access; however, the north side will is flat is provides an easier access. JY stated that applications and mapping will be revised to have access road on the north side of the corridor as opposed to the south, for easier access.

#### Crossing 2

- JY showed and described the second crossing in City of Mississauga, located by Highway 403 and Creditview Rd. There are 2 proposed Boreholes, 50 and 51, on either side of the corridor. The access road is following an existing trail from the north.
- JC stated that there are no concerns for this crossing for Geotech surveys, so long as the same rubber-tracked drill rigs are used. AH clarified that the 2 boreholes are located outside of the corridor, but a permit will be required in order to cross this corridor for access to Borehole 50. JC reiterated that there are no issues, so long as permits are obtained and flagging is arranged.
- AH indicated that Borehole 50 is optional as Borehole 51 may provide enough information for design and engineering purposes. If Borehole 51 is sufficient, a permit would not be required as there will be no need to cross the CP Rail corridor. HC added that IOL is currently working on their Credit River pipeline project just south of this CP Rail corridor and so UPI may already have enough information for this area.
- DB stated that if Borehole 51 will suffice, then the preference is to conduct only this borehole, and a permit will not be required. JC could not confirm whether Borehole 50 can be eliminated at this time, and indicated that CP Rail has yet to assign an independent geotechnical engineer company to review the proposed Geotechnical surveys for these crossings, but will follow up with the contact information for the geotechnical engineering company once assigned. It will be either Golder or Thurber.

#### Crossing 3

- JY showed and described the third CP Rail Crossing in Toronto, by Finch Avenue and Weston Road, where Boreholes 128 and 129 are located on either side of the corridor. JY asked whether there are any on-going or future projects for CP Rail at this crossing. JC mentioned that there may be future tracks along this rail corridor, and so it is CP Rail's preference to have the pipeline be buried as deep as possible. JC reiterated that only rubber-tracked drill rigs should be used to cross the tracks.
- AH stated that access in this CP Rail corridor will not be required for Boreholes 128 and 129, as the borehole locations and access roads are proposed outside of the right-of-way.

#### Abandoned Rail Tracks

- HC asked whether the rail tracks located just northwest of Finch Ave W and Signet Dr is of CP Rail's interest. JC advised that these tracks are not under CP Rail's jurisdiction, and appear to be abandoned. JY further advised that this property is owned by Hydro One and so a discussion with Hydro One will confirm how the abandoned tracks should be dealt with. JC agreed and stated that, even if these rail tracks are reactivated in the future, CP Rail would not have jurisdiction over them, and Hydro One would be the appropriate party to be consulting with.

	<ul style="list-style-type: none"> <li>AH added that a geotechnical investigation was completed in this area for another Project, and upon consultation with Hydro One, no additional requirements were necessary for these abandoned rail tracks. According to Hydro One, this deactivated track will not be reactivated in the future.</li> </ul>
Corridor Access Permit/Utility Crossing Application /Flagging	<ul style="list-style-type: none"> <li>JY indicated that, as per CP Rail's Geotechnical requirements protocol, the Project falls under CP Rail's Intermediate Process as the pipeline is 12 inches. JY asked whether AH had any questions for JC in regards to the Intermediate Process requirements. AH did not have any questions at this time, and suggested that he will contact CP Rail's independent geotechnical engineer company once assigned and provided.</li> <li>JY wanted to confirm if the 2018 version of the Utility Crossing Application is the most updated version for permanent crossings. JC confirmed that there are no later versions.</li> <li>JY asked JC how long it would take for CP Rail to review and provide comments on applications for the three crossings. JY stated that although installation of the pipeline is scheduled for Fall of 2019, the geotechnical surveys are proposed to start as soon as possible, once permits are received. JC said that he will try to expedite the review process as much as possible, but noted that he will be going on a 2-week vacation starting on August 30, 2018.</li> <li>JC stated that flagging is currently fully booked until late August or early September. AH asked whether it is possible to schedule a date for flagging, prior to receiving the permit. JC indicated that he can inquire with the CP Rail Track Supervisors if the crossing locations, coordinates, and Mile &amp; Subdivision information can be provided via e-mail.</li> <li>JY asked whether another contact will be handling permit applications while JC is away, so that an application can be submitted before the end of the week (July 27, 2018). JC advised that there is not really anyone else that will be able to process the permit application.</li> <li>DB asked whether it is reasonable to have the Geotech crossing application reviewed by the end of the week before JC leaves, if submitted on July 26, 2018. JC stated that it is not reasonable, and so there are no guarantees that the application will be reviewed before July 26, 2018. Upon review, flagging is available during the week of August 20, 2018.</li> </ul>
Point(s) of Contact	<ul style="list-style-type: none"> <li>JC will be the main point of contact for land/right-of-way from CP Rail.</li> <li>JY/CA will be the main point of contact for land/right-of-way permitting from IOL.</li> </ul>
<b>Summary of Actions</b>	
<ul style="list-style-type: none"> <li>JC to assign and provide contact information for independent geotechnical engineering company.</li> </ul>	JC
<ul style="list-style-type: none"> <li>AH to contact independent geotechnical engineering company for Geotechnical requirements, once the independent geotechnical engineering company is assigned and contact information is provided.</li> </ul>	AH
<ul style="list-style-type: none"> <li>JY to send an e-mail to JC requesting the templates of the most up-to-date permanent crossing agreement and Release of Liability</li> </ul>	JY

<ul style="list-style-type: none"><li>UPI to update the access road and CP Rail crossing on the Geotech sketch for Boreholes 4 and 5.</li></ul>	UPI
<ul style="list-style-type: none"><li>JY to send crossing information to JC for arranging flagging in advance.</li></ul>	JY

**Imperial**  
**Waterdown to Finch Pipeline Project**  
**July 26, 2018**  
**City of Mississauga – Technical Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*City of Mississauga (MS)*

- **Lincoln Kan**, Manager, Environmental Services
- **Imshun Je**, Manager, Environmental Site Management & Compliance
- **Auryn Soares**, Storm Drainage Coordinator
- **Abdul Shaikh**, Manager, Rapid Transit
- **Scott W Anderson**, Manager, Transitway Construction
- **Annie Thuan**, Legal Counsel
- **Naomi Furnston**, Legal Counsel
- **Jacqueline Murchland**, Supervisor, Land Management & Property Sales
- **Sangita Manandhar**, Team Leader Park Assets
- **Sandra Neal**, Landscape Architect
- **Raymond Lau**, Project Leader Engineering
- **Shaesta Hussen**, Planner
- **Alex Liya**, Traffic Operations Technologist
- **Dana Glofcheskie**, Supervisor, Transit Infrastructure Management
- **Alice Ho**, Supervisor, Transit Infrastructure Management

*Note:* Additional attendees were not able to confirm attendance.

*Imperial (IOL)*

- Ron Tourigny, Right of Way & Claims Coordinator (RT)

*ExxonMobil (EM)*

- Amir Taherivand, Consultant (AT)

*Universal Pegasus International (UPI)*

- David Bui, Senior Engineer I (DB)
- Hernan Castedo, Engineer III (HC)
- Jasmine Lewis, Engineer (JL)

*CanACRE (CA)*

- Haseeb Amirzada (HA)
- John Yu (JY)

*ERM*

- Mark Welsh (MW)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Project (the Project)
- Discuss Affected City of Mississauga Lands and Requirements
- Confirm City of Mississauga Road Crossing and Surplus Land Requirements and Approvals
- Discuss Affected MiWay Infrastructure and Ongoing Projects
- Confirm MiWay Requirements and Approvals

- Establish Point(s) of Contact for City of Mississauga and MiWay

Topic	Discussion
Introductions	<ul style="list-style-type: none"> <li>• Participants introduced themselves</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• RT provided a safety moment related to pipeline integrity.</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Waterdown to Finch Project Overview (5 min)</li> <li>• Affected City of Mississauga Lands and Requirements (35 min) <ul style="list-style-type: none"> <li>▪ Road Crossing <ul style="list-style-type: none"> <li>○ Permanent Road Crossing Agreement / Permit</li> <li>○ Geotechnical &amp; Settlement Monitoring Requirements</li> </ul> </li> <li>▪ Surplus Lands <ul style="list-style-type: none"> <li>○ Grant of Easement</li> <li>○ Temporary Construction Requirements</li> </ul> </li> <li>▪ Road Occupancy Permit</li> <li>▪ Excess Load Moving Permit</li> <li>▪ Entrance Permit</li> <li>▪ Water Source / Water Disposal Permit (for Hydrostatic Testing)</li> <li>▪ Mississauga Park Properties</li> </ul> </li> <li>• MiWay (10 min) <ul style="list-style-type: none"> <li>▪ Existing Infrastructure and Ongoing Projects</li> <li>▪ Permanent Crossing Requirements</li> <li>▪ Temporary Crossing Requirements</li> </ul> </li> <li>• Point(s) of Contact (5 min) <ul style="list-style-type: none"> <li>▪ Road Crossing</li> <li>▪ Surplus Lands</li> <li>▪ MiWay</li> </ul> </li> <li>• Questions (5 min)</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's (IOL) Sarnia Products Pipeline (SPPL) Waterdown to Finch Powerpoint presentation July 2018</li> <li>• Google Earth KMZ of project mapping and major crossings</li> </ul>
Waterdown to Finch Project Overview	<ul style="list-style-type: none"> <li>• Imperial (RT) indicated that Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.</li> <li>• SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA).</li> <li>• SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline, diesel and jet fuel that keeps people, goods and services moving.</li> <li>• SPPL has operated in the region for many years. It has been in operation since the 1950s. The line is ~65 years old and due to its age, as a proactive measure, Imperial is planning to replace approximately 63 km of the 12" line with new 12" pipe. The pipeline will continue to operate until the replacement segments are prepared for operation.</li> <li>• The current pipeline will be deactivated and removed from service. It will be cleaned, filled with nitrogen (inert gas to detect pressure monitoring), maintained with cathodic</li> </ul>

	<p>protection, monitored and left in place. In addition, along the HONI corridor, there are other lines and infrastructure. We do not want to impact the other lines. Deactivation is undertaken to avoid impacts.</p> <ul style="list-style-type: none"> <li>• Overview of timelines: Spring 2018 project launch, routing, environmental and cultural studies; Summer/Fall 2018 Community Information Sessions in 6 municipalities; Winter/Spring 2019 submission to Ontario Energy Board (OEB); Summer 2019 engineering design complete; Late Fall 2019 pre-construction communication. 2020 is the potential in-service start date.</li> <li>• RT provided an explanation on the two types of installation methods.</li> <li>• Trenchless technology, e.g., horizontal directional drill (HDD) is a method of installing underground pipe using a drilling rig at surface level. It is used to avoid sensitive areas, in dense residential or commercial areas, major watercourse crossings, etc. <ul style="list-style-type: none"> <li>○ Open cut construction is a method of pipeline installation. Pipe will be lowered into a trench and covered for protection.</li> <li>○ We are conducting geotechnical, environmental, and archaeology surveys to help determine the appropriate design consideration for open cut and HDD installation methods.</li> </ul> </li> <li>• Annie requested confirmation that there are two open houses required as per OEB. First one was just completed and the second one is in November. RT confirmed this.</li> <li>• Annie said that if the detailed engineering is planned to be in-progress this summer, for the open house in November, the design won't be complete. RT confirmed this to be true but Imperial will take feedback from stakeholders and go through multiple iterations of design. Imperial is hoping to have 40-50% complete for the pipeline design by November. The application to the OEB will include 50% design as well as environmental and other considerations but is subject to route changes.</li> <li>• MS asked if the new pipeline design and engineering will be updated to modern standards from the existing pipe. This was confirmed by UPI.</li> <li>• Naomi asked if there will be additional easement required. RT indicated that upon confirmation from survey, Imperial hopes to have the pipeline in the same easement except for when the pipe enters Hydro One's corridor lands.</li> <li>• MS asked if the new pipe will be laid beside the existing pipe, not over top of. RT confirmed it would be parallel to the existing pipe.</li> <li>• RT mentioned that the project brochures being handed out at the meeting were provided to disseminate more information for MS's review.</li> </ul>
Affected City of Mississauga Lands and Requirements	<ul style="list-style-type: none"> <li>• JY started going through various MS interests that are being impacted by the project. There are about 20 interests, including City roads and surplus/park lands.</li> <li>• Crossing #1 – Ridgeway Drive: SA stated that Metrolinx is looking to extend transitway and have completed their functional design and alignment. Their design-build tender is going out this fall.</li> <li>• Alex requested confirmation on the method for crossing the roads. It was confirmed the method is expected to be trenchless, so there should be no traffic concerns.</li> <li>• MS mentioned the project will be going into the Greenbelt and to expect specific requirements including Planning requirements for that. Imperial should ensure there is</li> </ul>

no sediment contamination into the systems and potential contaminants should identified for MS.

- Crossing #2 – Winston Churchill Blvd: MS said there is a transit parking lot belonging to Metrolinx and MS has servicing running along there. MS would like Imperial to avoid the parking lot here.
- Crossing #3 – Glen Erin Drive: In general, MS wants to know where the HDD sites are as they are mostly concerned with on-street/on-grade work. UPI indicated the HDD sites haven't been refined yet but this could be provided.
- MS asked if the staging areas are available or if they have been refined yet. Imperial confirmed that this is not available now.
- MS asked about water disposal. JY confirmed that the project may need to use the City's system to dispose of water and requested the appropriate process to follow from MS. Ministry of Environment, Conservation and Parks will be approached for anything related to Permits to Take Water.
- RT confirmed that HDDs will be conducted continuously, 24 hours a day until the drill is complete. MS indicated that Imperial will need a noise by law exemption and a notification needs to go out within 500m of the noise source at least a month before work starts.
- Due to the shortened time for the meeting, MS requested that a submission be made to MS for official comments at each crossing location by MS staff.
- MS indicated that Metrolinx is going to be a bigger issue as they have multiple projects on the go at this time. JY confirmed that a meeting with Metrolinx is currently being coordinated.
- AS asked for PDF version of all the impacted City interests.
- For surplus lands, which are non-road parcels owned by City on title, Imperial is expecting a grant of easement to be required. MS would like a map of each property showing the existing easement and whether it's a new or existing easement being used for the pipeline.
- Sandra said that the Credit River crossing has old growth trees and clearing may be an issue. This will be a challenging area as well with the topography. RT confirmed that this crossing is being reviewed with the City as a separate project.
- MS confirmed that Road Occupancy Permits and Haul permits are usually obtained by the Contractor. Alex would like to get the proposed haul routes to analyse for any issues.
- JY requested a confirmation of the entrance permit process. Alex said that the Supervisor for these permits is not here and he would get back to us.
- Water sourcing would be through Peel Region. Any disposal to City-owned storm sewers would be a City of MS process. Any disposal to Region-owned storm sewers or to its sanitary sewers would be a Region process. Any dewatering of water from groundwater and/or disposal of water to a natural surface water body, would be a Ministry of Environment, Conservation and Parks process.
- Public Coordination Committee (POCC) requires a submission for this project including permits such as for Road Occupancy. AS to confirm this process and get back to JY.
- For park properties, MS requested they be provided list of all surplus lands.

	<ul style="list-style-type: none"> <li>MS inquired about tree clearing. MW stated that ERM is planning to have an arborist inventory for the whole project clearing. MS stated there will be tree removal applications required and they should be funnelled through AS for now.</li> <li>Annie asked about the Environmental Assessment and when the City will have an opportunity to comment on this. MW indicated to expect a submission by the end of this year. Currently, Imperial is expecting that the City would provide comment once the OEB opens the application to the public. MS would like an opportunity to comment prior to the OEB submission. Imperial/ERM to confirm the process and get back to MS.</li> <li>JY indicated that the upcoming submission to the City would include the table of impacted MS interests describing the expected deliverables for each land right and permitting requirement. MS would review and confirm.</li> </ul>
MiWay	<ul style="list-style-type: none"> <li>AH indicated that MiWay just wants to know the on-street impacts of the proposed project, including crossings.</li> <li>MiWay is impacted throughout the city, but there is no specific permitting process. MiWay will comment and indicate timelines/processes upon receipt of a submission from Imperial.</li> </ul>
Point(s) of Contact	<ul style="list-style-type: none"> <li>At this time, AS would remain a contact for the preliminary submission and any larger coordination initiatives but eventually each department representative at the City can be contacted directly while copying AS on correspondence.</li> </ul>

Summary of Actions		Who
<ul style="list-style-type: none"> <li>Indicate potential construction and pipeline contaminants in environmental reports.</li> </ul>		ERM
<ul style="list-style-type: none"> <li>Provide proposed HDD sites to MS.</li> </ul>		UPI/CA
<ul style="list-style-type: none"> <li>Acquire noise bylaw exemption from MS for all HDD sites.</li> </ul>		ERM
<ul style="list-style-type: none"> <li>Provide MS with a map of the existing easement and the proposed centreline, including whether the new pipe will be located in an existing or new easement.</li> </ul>		UPI/CA
<ul style="list-style-type: none"> <li>Provide MS a plan of haul routes to analyze.</li> </ul>		IOL/Contractor
<ul style="list-style-type: none"> <li><del>MS to confirm entrance permit requirements</del></li> </ul>		<del>Alex (MS)</del>
<ul style="list-style-type: none"> <li>Provide a list of surplus lands to MS.</li> </ul>		CA
<ul style="list-style-type: none"> <li>Imperial/ERM to confirm the process for commenting on Environmental reports.</li> </ul>		Imperial/ERM



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**August 10, 2018**  
**Metrolinx & AECOM**

**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*AECOM (AE)*

- Manan Raval, Project Manager (MR)
- Sanket Naik, Project Coordinator (SN)

*Metrolinx (MX)*

- Dean Bragg, Third Party Projects Officer (DB)

**Regrets:**

- Ron Tourigny, Right of Way and Claims Coordinator (RT) (call-in)

*Imperial (IOL)*

- Amir Taherivand, Consultant (AT) (call-in)

*Universal Pegasus International (UPI)*

- David Bui, Senior Engineer I (DB) (call-in)
- Hernan Castedo, Engineer III (HC) (call-in)

*CanACRE (CA)*

- John Yu, Manager, Planning and Permitting (JY)
- Mike Benson, Planner, Planning and Permitting (MB)

*Stantec Consulting (ST)*

- Adam Hatch (AH) (call-in)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Project (the Project)
- Discuss Affected Metrolinx Lands and Requirements
- Confirm Metrolinx Railway Property and Other Requirements and Approvals
- Discuss Ongoing/Future Metrolinx Projects Affected by the Project
- Establish Point(s) of Contact for Metrolinx

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• AECOM office (5080 Commerce Blvd, Mississauga)</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Waterdown to Finch Project Overview (5 min)</li> <li>• Affected Metrolinx Lands and Requirements (20 min) <ul style="list-style-type: none"> <li>▪ Railway Property <ul style="list-style-type: none"> <li>○ Crossing Agreement</li> <li>○ Work Permit</li> <li>○ Geotechnical &amp; Settlement Monitoring Requirements</li> <li>○ Drawing Requirements</li> <li>○ Tenant on HONI/IO property; PIN 074140022 (Etobicoke North Go Station Parking Lot)</li> </ul> </li> <li>▪ Mississauga MiWay Stations (Dixie Road; Tomken Road)</li> <li>▪ Mississauga MiWay Parking Lots <ul style="list-style-type: none"> <li>○ Highway 403 &amp; Erin Mills Parkway</li> <li>○ Highway 403 &amp; Winston Churchill</li> </ul> </li> </ul> </li> <li>• Ongoing/Future Metrolinx Projects (50 min)</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>▪ Highway 407/403 &amp; Ridgeway Drive – proposed transitway</li> <li>▪ Hurontario LRT</li> <li>▪ Finch West LRT</li> <li>▪ Other ongoing/future Metrolinx Projects</li> <li>• Point(s) of Contact (5 min)</li> <li>• Questions (10 min)</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's Sarnia Products Pipeline Waterdown to Finch PowerPoint presentation July 2018</li> <li>• Google Earth KMZ showing proposed pipe centreline, geotechnical surveys, and affected Metrolinx parcels and interests</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>• Participants introduced themselves.</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• JY shared a safety moment on the importance of safety and flagging when accessing or working within railway corridors.</li> </ul>
Waterdown to Finch Project Overview	<ul style="list-style-type: none"> <li>• JY indicated that Imperial's Sarnia Products Pipeline (SPPL) runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.</li> <li>• SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA).</li> <li>• SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline, diesel and jet fuel that keeps people, goods and services moving.</li> <li>• SPPL has operated in the region for many years. Imperial is planning to replace approximately 63 km of the 12" line with new 12" pipe. The pipeline will continue to operate until the replacement segments are prepared for operation.</li> <li>• The current pipeline will be deactivated and removed from service. It will be cleaned, filled with nitrogen, maintained, monitored and left in place.</li> <li>• Overview of timelines: Spring 2018: project launch, routing, environmental and cultural studies; Summer/Fall 2018: Community Information Sessions in 6 municipalities; Winter/Spring 2019: LTC submission to OEB; Summer 2019: engineering design complete; Late Fall 2019: pre-construction communication. Late 2020 is the potential in-service start date.</li> <li>• JY provided an explanation on the two types of installation methods: Trenchless, including HDD, and Open cut.</li> <li>• SN asked whether deactivation of the existing line was temporary. JY confirmed it is planned to be permanently deactivated.</li> <li>• AT and DBU informed DB, MR, and SN that construction is intended to finish in Winter of 2020 and suggested that Metrolinx can keep long-term property interests in mind as everyone reviews the proposed route from Waterdown to Finch.</li> </ul>
Affected Metrolinx Lands and Requirements	<p><u>Railway (GO Kitchener Line)</u></p> <ul style="list-style-type: none"> <li>• DB asked for the number of locations the pipeline will cross a Metrolinx rail corridor. JY indicated that only one Metrolinx rail crossing has been identified thus far, which is the Kitchener Line at the Etobicoke North GO station (PIN 074140060). DB mentioned that</li> </ul>

Topic	Discussion
	<p>this railway is at Weston Subdivision, Mile 11.5, and there is a total of 4 tracks at this location.</p> <ul style="list-style-type: none"> <li>• DBU mentioned that there may be other Metrolinx railways and interests, but they are not necessarily shown on title via property search or in the tax rolls.</li> <li>• Regarding the crossing of the Kitchener Line, MR asked if the proposed centreline will be placed at the exact same location as the SPPL. JY showed the existing SPPL on the KMZ, confirming that the proposed line is located east of the existing SPPL line. MR asked for the depth of existing pipe. AT said most of existing route is at approximately 4 feet deep. AT also indicated that IOL can bury the pipe much deeper now than in the past, if need be.</li> <li>• MR said the proposed line would need to be 45 m from the track-switch, at a minimum, for both oil and gas pipelines. This is a standard safety concern. MR also stated that a 13.7 m clearance is required from the edge of the rail bridge over Kipling Avenue.</li> <li>• AT confirmed that HDD (Horizontal Directional Drilling) will likely be the method of installation, at approximately 30 m below ground.</li> <li>• DBU asked DB and MR if Metrolinx can provide electronic data and files to help UPI design the crossing, including as-builts, information on support beams, and structure drawings. DB and MR advised that a document control request form will be provided to request such information. JY will be responsible for submitting this request, and DB and MN will filter out and provide the pertinent information.</li> <li>• The Etobicoke North GO parking lot parcels, north and south of the tracks, are owned by Hydro One but Metrolinx operates the parking lots as a tenant. Any survey or construction activity on these lots affect the parking and pedestrian traffic towards the station, especially during rush hour.</li> <li>• For the crossing agreement, MR said a geotechnical report (with borehole logs), soil conditions, method of installation (to be in line with soil conditions), pipeline specifications, and documentation of proposed monitoring techniques will be required.</li> <li>• AH said a 50 m borehole separation is required by both MTO and CN. MR says there are no spacing requirements from Metrolinx, but they will want to know the soil conditions on each side. No boreholes are permitted between tracks. AH committed that the boreholes will be drilled outside the Metrolinx railway corridor.</li> <li>• Regarding the proposed Geotechnical surveys, MR says the borehole locations looked good. IOL just cannot take away parking spaces and must submit a completed Work Permit application for approval. DB says some coordination will be needed with Metrolinx Station operations for Borehole 111, as lots of people use that pathway during rush hour. Although approval should easily be obtained, conditions related to restricted hours may apply. DB said MX and AE would assist in coordinating these boreholes with the Metrolinx Station operations. AH reaffirmed that ST is flexible and can work around the restricted hours for the proposed Geotechnical surveys.</li> <li>• AT proposed eliminating Borehole 111 and MR said that it may be best to keep both Boreholes 110 and 111 at this time. DB advised that all applications will need to be submitted through AECOM, with DB Cc'd. AECOM will need to review all the detailed plans in advance to make sure that the permit applications can be approved quicker.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>MR and SK mentioned that deactivation of the existing pipeline should be included in applications. This will ensure that MX has a record of this in their files, and can be provided to other third-parties that request information on this railway parcel. DB indicated that as-builts will also be required upon construction completion, for MX's records.</li> </ul>
Ongoing/ Future Metrolinx Projects	<p><u>Highway 407/403 &amp; Ridgeway Drive – Proposed Transitway</u></p> <ul style="list-style-type: none"> <li>JY stated that, during a meeting with the City of Mississauga, the City mentioned that a transitway at HWY 403/HWY 407/Ridgeway Dr is being planned and the proposed pipeline may conflict with construction/installation of this transitway. DB says there may not be a conflict, but will assist in looking into this further with the appropriate Metrolinx staff.</li> </ul> <p><u>Mississauga MiWay Stations</u></p> <ul style="list-style-type: none"> <li>For MiWay transitway stations, DB says Metrolinx has no concerns, as the City of Mississauga should be contacted regarding these. This includes MiWay stations and/or parking lots at Winston Churchill Blvd, Erin Mills Pkwy, Tomken Rd, and Dixie Rd.</li> </ul> <p><u>Hurontario LRT</u></p> <ul style="list-style-type: none"> <li>For the Hurontario Street LRT, DB requested a close-up screenshot of the proposed crossing location. DB has had discussions with the Hurontario Project Manager, Makael Kakakhel, and will find out more about the LRT timelines and potential conflicts, along with any mitigation strategies.</li> <li>DB will reach out to Hurontario LRT team at with proposed work to request paperwork/ drawings, speak with project delivery teams on whether there is any additional planned infrastructure into the future.</li> <li>JY mentioned CA already had a meeting with CP Rail, and confirmed that the rail corridor by Finch Ave W and Weston Rd belongs to CP Rail. DB and MR agreed.</li> </ul> <p><u>Finch West LRT</u></p> <ul style="list-style-type: none"> <li>DB will also reach out to the LRT team for Finch West. AT advised that the Finch West LRT team has already asked IOL to replace their existing SPPL pipeline under Finch Ave W for their installation of the LRT. DB clarified that all light and heavy rail corridor projects involve replacing existing utility crossings. DB assumes that the Finch West LRT team communicated a requirement to replace the existing line. DB says he will reach out and ensure the LRT team is moving in the right direction on this replacement.</li> <li>DB went over the third party process between MX and AE. AE is authorized to issue work permits, review designs, and request crossing agreements on behalf of a proponent. IOL must engage with MX immediately for the crossing agreement. The Finch and Hurontario LRT teams should not be engaged directly for now, and DB and MR will remain the main points of contact for IOL/CA on this Project.</li> <li>DB summarized that IOL has 3 definite MX crossings: 1. Hurontario LRT, 2. Mile 11.5 Weston Subdivision (Kitchener Line), and 3. Finch West LRT.</li> </ul>

Topic	Discussion
Point(s) of Contact	<ul style="list-style-type: none"> <li>MR will be the main point of contact for MX, and DB will be Cc'd on all correspondence.</li> <li>AT confirmed that JY/CA will be the point of contact from IOL.</li> </ul>
Questions	<ul style="list-style-type: none"> <li>DBU asked whether Metrolinx was involved in the subway line in the Keele Street area. DB said that subway line is strictly TTC, so IOL will need to reach out to them directly. JY said he is in the process of setting up a meeting with the City of Toronto and hope that staff from TTC can attend alongside so that this can be discussed.</li> <li>DBU asked what the typical turnaround time was for the review of Work Permit applications. MR stated 30 working days is standard, and applications are reviewed in the order they are received. Typically, MX will try to process an application in 2 to 4 weeks., but approval times are subject to workloads and incomplete submissions will reset the review time.</li> <li>JY mentioned to AH that we should put together a Work Plan in advance to minimize the risk of revisions being required to for Work Permits in order to avoid any potential delays.</li> </ul>
Summary of Actions	Who
<ul style="list-style-type: none"> <li>Draft Work Plan for proposed Geotechnical surveys to include in Work Permit application.</li> </ul>	AH
<ul style="list-style-type: none"> <li>Provide the location of the existing SPPL pipeline crossing at the Kitchener line railway corridor to MX.</li> </ul>	JY/CA
<ul style="list-style-type: none"> <li>Provide the document control request form to JY/CA to obtain as-builts, information on support beams, structure drawings, and any other information that would help Imperial design the crossing of the Kitchener Line railway crossing.</li> </ul>	MR
<ul style="list-style-type: none"> <li>Provide a close-up screenshot of the crossing areas for the Hurontario and Finch West LRT crossings.</li> </ul>	JY/CA
<ul style="list-style-type: none"> <li>Find out more about the Hurontario and Finch West LRT timelines and determine potential conflicts. Request any plans/drawings/other information from the LRT teams.</li> </ul>	DB
<ul style="list-style-type: none"> <li>Reach out to the Finch West LRT team, discuss the details of the ongoing replacement of IOL's existing SPPL line at Finch Ave W, and ensure that the LRT team is moving in the right direction.</li> </ul>	DB

**Jim Chan**

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**From:** D'arci McFadden  
**Sent:** Wednesday, September 05, 2018 3:22 PM  
**To:** Jeffrey Lee  
**Cc:** Jane Clohec; Colleen Bell; Suzanne Madder; Darnell Lambert; Mark Simeoni; Jill Stephen; Chris Mark  
**Subject:** RE: Imperial's Oakville Info Session  
**Categories:** Red Category

Hi Jeffrey –

Apologies for the delay in responding. I've been soliciting information requests from the team and juggling holidays!

As you can read below, the Imperial team is keen to meet you in-person and go into further detail. Please let me know if you have any further questions.

Cheers,  
D'arci

- 1. The Regional map for the proposed pipeline on the website was not detailed enough. Can you provide a map with more details of the existing right-of-way corridor and the approximate location of the proposed new pipeline with respect to the existing pipeline? Also, a list of properties that the right-of-way corridor is on in Oakville?**

Imperial is currently working with our engineering and project team to provide a more detailed map of the right-of-way. We should have this available later this week. We'd be happy to schedule a meeting to walk you through the location of the line in Oakville. This could be the same meeting or separate from the one proposed below on our protection and preventative maintenance program. In any circumstance, it would be beneficial to introduce ourselves in-person! Happy to provide dates in September and October when all the appropriate team members are available.

Imperial, through its land permitting services team at CanACRE, plans to work with Vince Blosser, Supervisor – Survey & Drafting, within the Engineering & Construction department at the Town of Oakville on our road crossing submissions. One Town of Oakville parcel is currently affected by the proposed centerline. We have yet to schedule the meeting to review the parcel with Vince. Imperial expects drawings to be completed in the coming weeks, at which time CanACRE will be sending out applications.

- 2. From my understanding, Imperial Oil has started the engagement with the landowners, governments, government agencies and indigenous and communities and the environmental and cultural assessment have commenced. How do they fit with the permitting/approval process? I would like to know more about the permitting and approval process (i.e. what is required for what permit/approve by which organization), for example, with the Ontario Energy Board and other agencies/ministries, if applicable, in Oakville/Halton since the pipeline will cross one of the main waterways in Oakville.**

Imperial will seek approval for a Leave to Construct from the Ontario Energy Board (OEB), which represents the overarching regulatory approval required for the Project. As part of this application, Imperial will submit an Environmental Report, including a description of the public consultation, an Indigenous Consultation Report, as well as the design details of the proposed pipeline.

In addition to the OEB application, Imperial is required to submit a Class Environmental Assessment with Infrastructure Ontario, as the proposed pipeline alignment between Oakville and Toronto is on the Hydro One Networks corridor. Further, Imperial is in consultation with the Conservation Authorities (Hamilton, Halton, Credit Valley and Toronto & Region) to determine permitting requirements under these authorities for any watercourse and/or wetland crossings. A Development Permit will also be required from the Niagara Escarpment Commission.

Imperial is currently engaging with the following regulatory bodies as part of the Ontario Pipeline Coordination Committee and to determine additional permitting requirements: Ministry of Natural Resources & Forestry, Ministry of Energy, Ministry of Tourism, Culture & Sport, Ministry of Environment, Conservation & Parks, Ministry of Municipal Affairs, and Department of Fisheries. This list is by no means all-encompassing and does not include any of the land permitting requirements. Imperial would be happy to have a further detailed conversation and address any specific questions.

**3. Also, once more information is available, we would like to know more about the future of the deactivated pipeline. Is there is a plan to fully decommission it?**

After the new pipeline is safely installed and operation is switched over, the existing pipeline will be deactivated and left in place. This deactivation will consist of cleaning the line to remove residual hydrocarbon, disconnecting power where appropriate, segmenting the pipeline by removing block valves and installing blind flanges and CP bonding cables, filling the segments with nitrogen to a pressure that can be monitored (e.g. 50 psig), and isolating the ends of the pipeline with blind flanges. Cathodic protection will be maintained to mitigate the potential for corrosion. The deactivation will follow all TSSA requirements, as well as CSA Z662 code. The deactivated pipeline will remain part of Imperial's ongoing monitoring program, including both pressure monitoring and visual inspections of the pipeline right of way.

The deactivation will comply with the appropriate standards to ensure proper cleaning and that there is no hydrocarbon left in the line. Deactivating the existing pipeline and keeping it in place is preferable to removal, as it eliminates additional work in proximity to major watercourses and potential resulting disturbances to sensitive areas.

**4. I would like to learn more about the protection and preventative maintenance programs for the current pipeline and the future improvements and/or innovative technologies that may be employed for the proposed new pipeline since the protection of the environment and the water source is very important.**

Imperial is happy to share more information on our proactive protection and preventative maintenance program, which is outlined on page 9 of the Waterdown to Finch brochure. Would you like to schedule a call or meeting to go further into detail? I can bring members of the operations team, located in Waterdown, to provide an in-depth explanation.

**5. Earlier this year, Imperial Oil completed pipeline dig and visual inspection of a section of the existing pipeline in Oakville (which I think the pipeline is located within the same right-of-way if I understand correctly), was there an actual repair performed or the anomaly detected was not serious at all?**

Building on the proactive approach described on page 9 of the Waterdown to Finch brochure, ongoing monitoring and maintenance is a critical part of Imperial's integrity management program at all of its operations. The company completed a dig in the Oakville area to physically inspect the existing pipeline based on the results of an inline tool run that showed an anomaly. The field crew visually examined the entire exposed segment of pipe during the dig and determined there were no immediate concerns. Proactive repair activities were completed on the exposed segment based on the inline inspection tool data. Imperial continues to monitor the existing line to support proactive protection and preventative maintenance.

EXHIBIT H

From: Jeffrey Lee <jeffrey.lee@oakville.ca>

Sent: August 20, 2018 2:01 PM

To: D'arci McFadden <dmcfadden@national.ca>

Cc: Jane Clohecy <jane.clohecy@oakville.ca>; Colleen Bell <colleen.bell@oakville.ca>; Suzanne Madder <Suzanne.Madder@oakville.ca>; Darnell Lambert <darnell.lambert@oakville.ca>; Mark Simeoni <mark.simeoni@oakville.ca>; Jill Stephen <jill.stephen@oakville.ca>; Chris Mark <chris.mark@oakville.ca>

Subject: RE: Imperial's Oakville Info Session

Good afternoon D'arci,

Thank you for reaching out to the town and provide information regarding the proposed project. Going forward, I will be the point person for this project on the staff side.

I have briefly reviewed the project website and the related material. At this moment, I have the following questions:

1. The Regional map for the proposed pipeline on the website was not detailed enough. Can you provide a map with more details of the existing right-of-way corridor and the approximate location of the proposed new pipeline with respect to the existing pipeline? Also, a list of properties that the right-of-way corridor is on in Oakville?
2. From my understanding, Imperial Oil has started the engagement with the landowners, governments, government agencies and indigenous and communities and the environmental and cultural assessment have commenced. How do they fit with the permitting/approval process? I would like to know more about the permitting and approval process (i.e. what is required for what permit/approve by which organization), for example, with the Ontario Energy Board and other agencies/ministries, if applicable, in Oakville/Halton since the pipeline will cross one of the main waterways in Oakville.
3. Also, once more information is available, we would like to know more about the future of the deactivated pipeline. Is there is a plan to fully decommission it?
4. Lastly, I would like to learn more about the protection and preventative maintenance programs for the current pipeline and the future improvements and/or innovative technologies that may be employed for the proposed new pipeline since the protection of the environment and the water source is very important.

Another note, earlier this year, Imperial Oil completed pipeline dig and visual inspection of a section of the existing pipeline in Oakville (which I think the pipeline is located within the same right-of-way if I understand correctly), was there an actual repair performed or the anomaly detected was not serious at all?

Looking forward to learning more about the approval/permitting process and actual work proposed in the Oakville once more detail is available.

If you have any question, please do not hesitate to contact me. Thank you.

Regards,  
Jeffrey

Begin forwarded message:

From: D'arci McFadden <dmcfadden@national.ca>

Date: August 3, 2018 at 11:44:49 AM EDT

EXHIBIT H

To: Jane Clohery <[jane.clohery@oakville.ca](mailto:jane.clohery@oakville.ca)>, Colleen Bell <[colleen.bell@oakville.ca](mailto:colleen.bell@oakville.ca)>

Cc: "Thiessen, Corinne E" <[corinne.e.thiessen@esso.ca](mailto:corinne.e.thiessen@esso.ca)>, Imperial in Ontario <[questions@imperialon.ca](mailto:questions@imperialon.ca)>

**Subject: Imperial's Oakville Info Session**

Hi Jane and Colleen –

On behalf of Imperial, I am reporting back on Imperial's Waterdown to Finch Oakville information session on July 16. The session went smoothly. We had Imperial subject matter experts available from the project team, operations, regulatory and environment, land, Indigenous relations, and public and government affairs. Based on exit surveys from attendees, the satisfaction levels were high. We were sorry to miss a representative from the Town of Oakville, but understand that July is a very busy time.

We had 1 attendee at the information session. While we while we would have liked to see more attendees, the information was well publicized through direct outreach to landowners/adjacent landowners (postcards in mail) and the general public (traditional advertising, media outreach and [our project page](#)), as well as direct outreach to governments (regulators, permitting bodies, municipal and regional staff, Mayor's office and councillors, and MPPs). In our experience, this level of participation is consistent with what we're seeing across industry – people want to review the information from the comfort of their own home.

With that in mind, we've posted all the information session materials on our project page under "Resources:" [www.imperialoil.ca/waterdowntofinch](http://www.imperialoil.ca/waterdowntofinch). You can also review the municipal maps made available at the information sessions.

Most comments at the other sessions were related to the direct construction impact of the Waterdown to Finch project on the local community. In addition to our land agents working one-on-one with each landowner/adjacent landowner, we will provide more details of our construction plan once our survey and engineering work is further along this summer/fall.

We look forward to continuing our conversations at our November information sessions. In Oakville, we're tentatively looking at dates the week of November 5 and 12 (avoiding November 5). Subject to availability from the local venue, we will tentatively hold time between 4:30 PM and 6:30 PM. Understanding it is a long way away, please let me know if you have a date preference and we will attempt to accommodate all parties.

Imperial will continue to work with the Town of Oakville and Region of Halton representatives to satisfy technical information requests related to the project. If you have questions in the meantime, please don't hesitate to contact me or email [questions@imperialon.ca](mailto:questions@imperialon.ca).

Additionally, if you've identified a point person on the project, we'd love to circulate future correspondence directly to him/her.

Have a wonderful long weekend,  
D'arci

**D'arci McFadden**  
Manager, Public Affairs  
647-967-1761

**Jane Clohecyc**  
**Commissioner**  
**Community Development Commission**  
Town of Oakville | 905-338-4243, | f: 905-338-4246 | [www.oakville.ca](http://www.oakville.ca)

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**Imperial**  
**Waterdown to Finch Pipeline Project**  
**August 22, 2018**  
**Town of Milton**

**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Town of Milton*

- **Diana Jiona**, Manager, Infrastructure & Right of Way (DJ)
- **Shawn Clewlow**, Right of Way Technician (SC)
- **Greta Susa**, Law Clerk, Corporate Services (GS)
- **Anita Sparre**, Manager, Development Engineering (AS)
- **Olu Ojikutu**, Senior Advisor, Risk and Insurance (OO)

*Halton Region (HR)*

- **Tim Skrins**, Supervisor, Permits (TS)
- **Richard Wunder**, Operations Support Coordinator (RW)

**Regrets:**

- **Martin Bateson**, Director, Development Engineering (MB)

*Imperial (IOL)*

- **Ron Tourigny**, Right of Way and Claims Coordinator (RT)
- **Amir Taherivand**, Consultant (AT) (call-in)

*Universal Pegasus International (UPI)*

- **David Bui**, Senior Engineer I (DB) (call-in)
- **Hernan Castedo**, Engineer III (HC) (call-in)
- **Jasmine Lewis**, Engineer (JL) (call-in)

*CanACRE (CA)*

- **John Yu**, Manager, Planning and Permitting (JY)
- **Ryo Kikuchi**, Planner, Planning and Permitting (RK)

*ERM*

- **Mark Welsh**, Consultant (MW) (call-in)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Project (the Project)
- Discuss Affected Town of Milton Lands and Requirements
- Confirm Town of Milton Road Crossing and Surplus Land Requirements and Approvals
- Discuss and confirm Halton Region requirements for Water Source / Water Disposal Permit
- Establish Point(s) of Contact for Town of Milton and/or Halton Region

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Milton Town Hall - Trafalgar Room (150 Mary St, Milton)</li> </ul>
Introductions	<ul style="list-style-type: none"> <li>• Participants introduced themselves.</li> <li>• Purpose of meeting is to review the latest proposed centreline, receive feedback from Milton, and confirm Road Crossing and Surplus Land Requirements and Approvals.</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's Sarnia Products Pipeline Waterdown to Finch PowerPoint presentation July 2018</li> </ul>

	<ul style="list-style-type: none"> <li>Google Earth KMZ showing proposed pipe centreline, and affected Milton parcels and interests</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>Waterdown to Finch Project Overview (10 min)</li> <li>Affected Town of Milton Lands and Requirements (30 min) <ul style="list-style-type: none"> <li>Road Crossing <ul style="list-style-type: none"> <li>Permanent Road Crossing Agreement / Permit</li> <li>Geotechnical &amp; Settlement Monitoring Requirements</li> </ul> </li> <li>Surplus Lands <ul style="list-style-type: none"> <li>Grant of Easement</li> <li>Temporary Construction Requirements</li> </ul> </li> <li>Road Occupancy Permit</li> <li>Wide/Heavy Vehicle Permit</li> <li>Curb Cut and Entrance Permit</li> </ul> </li> <li>Halton Region Requirements (5 min) <ul style="list-style-type: none"> <li>Water Source / Water Disposal Permit (for Hydrostatic Testing)</li> </ul> </li> <li>Point(s) of Contact (5 min) <ul style="list-style-type: none"> <li>Road Crossing</li> <li>Surplus Lands</li> </ul> </li> <li>Questions (10 min)</li> </ul>
Waterdown to Finch Project Overview	<ul style="list-style-type: none"> <li>RT advised that this is a proactive pipeline replacement for Imperial's existing Sarnia Products Pipeline (SPPL), as the existing pipe is over 70 years old.</li> <li>SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA).</li> <li>SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline, diesel and jet fuel that keeps people, goods and services moving.</li> <li>63 km will be replaced, while the existing pipe will be deactivated and removed from service. It will be cleaned, filled with nitrogen, maintained, monitored and left in place.</li> <li>The 12-inch line will be replaced with another 12-inch pipe. IOL will be applying for a Leave to Construct to the Ontario Energy Board (OEB) in 2019.</li> <li>Overview of timelines: Spring 2018: project launch, routing, environmental and cultural studies; Summer/Fall 2018: Community Information Sessions in 6 municipalities; Winter/Spring 2019: LTC submission to OEB; Summer 2019: engineering design completion; Late Fall 2019: pre-construction communication. Late 2020 is the potential in-service start date.</li> <li>RT provided an explanation on the two types of installation methods: Trenchless, including Horizontal Directional Drilling (HDD), and Open cut.</li> </ul>
Affected Town of Milton Lands and Requirements	<p><u>Crossing 1</u></p> <ul style="list-style-type: none"> <li>JY explained that the first proposed crossing is at Henderson Road by Lower Base Line and Regional Road 25.</li> <li>DJ asked if the existing pipeline is within the same route. JY answered by explaining that the new pipe will be installed within the same easement, but where this isn't possible, a new easement will have to be acquired. RT added to this point by stating that there are two pipes in the current easement, a 12-inch active line and a 10-inch non-active</li> </ul>

(deactivated) line. The ongoing Civil Surveys will show constructability and whether we can put the pipe in the current easement.

- DJ indicated that Henderson Road is currently being repaved. Milton has a 5-year moratorium on road cuts once roads are paved. Therefore, all work must be delayed until Milton's contractor on site is done their work. Any investigations and boreholes would therefore have to be coordinated between IOL and Milton's contractor.
- JY indicated that there are no boreholes proposed on this road allowance. For the permanent pipeline installation, we anticipate obtaining a road crossing permit/agreement for this crossing. As there are other road crossings, it may make sense to combine all road crossings into one permit/agreement. DJ indicated that Milton typically issues an agreement for each individual road crossing.

#### Crossing 2

- JY advised that Stantec is wanting to do a borehole on the Fourth Line road allowance. The parcel on which the parking lot is located is owned by Hydro One, and they have leased it out to the golf course for parking; the surveyors want to come off of Fourth Line, into the parking lot, and come back onto the road allowance to conduct a borehole.
- JY asked if the necessary boreholes can be submitted in one application. DJ advised that SC would be the appropriate staff member reviewing the permit application for this.
- JY asked if Milton and Oakville share jurisdiction at this crossing. DJ advised that Oakville will have to be involved at this crossing as well, and she believes that Milton and Oakville share ownership of the road.

#### Crossing 3

- JY indicated that the third crossing is at Sixth Line.
- JY explained that CA has been advised that the portion of the parcel north of Highway 407 is under the jurisdiction of Milton, although Town of Oakville is the landowner on title. DJ advised that Sixth Line was just repaved, but by the time IOL would like to construct the pipeline, there should be no issues. Due to the recent repaving of Sixth Line, Milton will not allow for boreholes on paved areas, including shoulders or boulevard ditches.
- GS advised that lands title correction is currently under way for Sixth Line, to correct the landowner name on title.

#### Crossing 4

- DJ confirmed that the portion north of Highway 407 is under the jurisdiction of Milton, and the portion south of Highway 407 is under Town of Milton's jurisdiction.
- JY asked if this parcel is considered surplus land or an unopened road allowance. DJ answered by stating that it is not an active road allowance. RT indicated that IOL would have previously acquired an easement on this property for SPPL, which was a farmer's field back then. Unless Milton came in and expropriated this land, IOL should still have an easement for SPPL.
- GS advised that an easement would be shown on the parcel register. JY replied by stating that CA has parcel registers purchased, and that these can be provided to Milton. GS asked for a copy of the parcel registers for all 4 crossings. Milton will need to submit a lands title correction for Crossing 3 and 4.

<p>Affected Town of Milton Lands and Requirements (cont'd)</p>	<ul style="list-style-type: none"> <li>• JY confirmed that the approvals needed from Milton will be permits/road crossing agreements, and a grant of easement if necessary.</li> <li>• AS asked where the pipeline will run once it reaches the Highway 403/407 interchange. JY advised that the pipeline will run along the west of Highway 403 once it leaves Milton boundaries.</li> <li>• RT asked if CA has received a crossings template. JY replied by stating that it is not certain as to whether CA will be obtaining a permit or executing a crossing agreement at this time. DJ advised that usually when a new utility facility is being proposed, the applicant will need a municipal consent approval. This gets circulated to all utility owners in Milton, to see if the utility owners find the proposed alignment acceptable. Since there is an existing pipeline (SSPL), there should be no problem. CA will need to obtain a road occupancy permit for construction. In regard to having a utility crossing at each affected Milton road, DJ is not 100% sure on the approach Milton will take, but DJ will need to talk to the Commissioner to see how he wants to handle this.</li> <li>• RT advised that any agreement will have to go through IOL's risk insurance and legal department. The curb cut/entrance permit have two aspects that go against IOL's policies. The first is the insurance, requiring the applicant to add Milton as an additional insured. As IOL is 70% owned by Exxon (a large company), Exxon typically only self-insures, and never adds any additional insureds. RT asks if Milton can make an exception in this case. OO advised that this will be difficult as this provision is part of a municipal by-law.</li> <li>• RT added that the second aspect that goes against IOL's policy is the indemnities: IOL will typically not indemnify gross negligence or wilful misconduct, which isn't excluded in the agreements. OO responded by stating that this aspect can be dealt with, but the first aspect regarding insurance will be difficult as it will have to go to Council.</li> <li>• DJ asked how other municipalities have approached CA about crossing requirements. JY responded by stating that with Mississauga, all affected road crossings will likely be dealt with through a permanent road crossing agreement. From experience, municipalities may also ask for separate permits to be submitted with engineering drawings which show detailed design of the crossings. CA's preference would be to streamline this and have all affected crossings covered under a single permit/agreement, upon delivery of all the necessary requirements. DJ advised that Milton should be fine with one permit/agreement for all four crossings.</li> <li>• JY asked if Milton has specific requirements for detailed drawings of proposed crossings. Typically, an engineer-stamped and surveyed plan, with parcel boundaries, PINs identified, a plan view, an elevation view, and any third-party utilities running along the road allowances will be provided. JY asked if Milton has any minimum requirements for these engineer-stamped drawings. DJ stated that Milton does not have minimum requirements, but all details provided will be forwarded to their engineers so that the impact on the rights-of-ways can be assessed. SC added that if the proposed construction method is trenchless [i.e. bore or horizontal directional drill (HDD)], Milton will want to know where the start and end pits are. JY advised that pits will typically be outside of</li> </ul>
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	<p>the road allowances and away from sensitive areas. RT added that trenchless technology will be used under roads, to bore horizontally across or HDD underneath.</p> <ul style="list-style-type: none"> <li>• DJ asked if there will be any excavations within municipal rights-of-way. AT advised that as the project is still in its design stages (IOL is at 50% design of the pipeline), and the angle of crossing at each crossing will be finalized shortly.</li> <li>• DJ advised that as soon as Milton has an idea on the impact (i.e. if the start and end pits are affecting Milton's rights-of-way), then Milton can make preliminary comments on restoration requirements. SC can provide Milton's document outlining construction standards and typical restoration requirements, which can be adjusted if necessary.</li> <li>• RT asked if an entrance permit will be required. JY added that CA is aware that a road occupancy permit is needed for occupation of roads. DJ confirmed that an entrance permit is not needed unless a temporary entrance is being proposed to access a construction area off of a Milton road. SC is responsible for these applications. A Wide/Heavy Vehicle Permit will go to a traffic technician staff member and not SC.</li> <li>• AS asked if the construction method will be open cut through all fields. RT stated that the topsoil and subsoil will be stripped and placed adjacent to the excavated area. Once the pipe is placed, subsoil will be put back in. Topsoil is placed back on top last. AS advised that Milton will want to know if the grade of land will be altered. RT advised that conventional pipeline practice is to feather out the soil so that the grade of land is maintained and restored back to its original condition.</li> <li>• DJ asked if Conservation Halton has been consulted with. MW advised that ERM has been in consultations with Conservation Halton. DJ advised that some lands are regulated by Conservation Halton, and that they may require grading and erosion control measures as part of their permitting requirements. MW acknowledged and advised that ERM has had a couple of meetings with Conservation Halton, and that they have been given an overview of the Project. They have also been provided with a Geotech borehole plan for comments.</li> </ul>
Halton Region Requirements	<ul style="list-style-type: none"> <li>• JY advised that permits may need to be obtained from Halton Region for water source/water disposal for hydrostatic testing for the pipeline. It is IOL's intention to use local sources of water for hydrostatic testing, and understanding that Halton Region looks after all water infrastructure for Milton, JY asked if TS and RW can elaborate on any necessary permits.</li> <li>• TS advised that Halton Region will require similar types of permits for any regional road crossings and have covered all crossings under one permit in the past. However, entrances were submitted individually. For water source and water disposal, Halton Region only has two watermains near the Project area, both of which are large transmission mains, but there is no means to access the water. It may be better to go to a bulk water station, which is something TS and RW can discuss and confirm with Eric Boere, Halton Region's Manager of Water &amp; Wastewater Linear Systems. The permit required to obtain water from the bulk water station would be a back flow permit.</li> <li>• TS and RW advised that the nearest bulk water stations to the Project area include the Burnhamthorpe Road Bulk Water Station on Trafalgar Rd, the Harrison Court Bulk</li> </ul>

	<p>Water Station on Harrison Court, and the Lawson Road Bulk Water Station on Lawson Road, all of which are at least 1 km away.</p> <ul style="list-style-type: none"> <li>TS advised that IOL will need to coordinate with Halton Region on future capital projects on regional road crossings, as there may be future capital projects north of Highway 407.</li> </ul>
Point(s) of Contact	<ul style="list-style-type: none"> <li>TS will be the point-of-contact (POC) at Halton Region</li> <li>RK/JY will be POC at CanACRE.</li> <li>DJ will be POC at Milton; however, any questions/inquiries related to permits can go to SC, Cc' DJ. Any questions or inquiries related to parcel registers/land can go to GS, Cc' DJ.</li> <li>RT can contact OO directly about insurance requirements and indemnification language.</li> <li>DJ advised that insurance requirements typically come from the contractor doing the work. OO added that if the contractor is getting the insurance policy, RT/IOL would not have to worry about insurance.</li> <li>OO also noted that RT/IOL can obtain a wrap-up insurance policy, which covers all contractors and subcontractors. RT acknowledged and will look further into it.</li> </ul>
Questions	<ul style="list-style-type: none"> <li></li> </ul>
<b>Summary of Actions</b>	
<ul style="list-style-type: none"> <li>To discuss and confirm with the Commissioner on the type and number of permits/agreements for road crossings.</li> </ul>	DJ
<ul style="list-style-type: none"> <li>To provide parcel registers for all crossings to GS.</li> </ul>	JY/CA
<ul style="list-style-type: none"> <li>To further discuss and confirm water source/water disposal facilities and permit requirements with Eric Boere.</li> </ul>	TS/RW
<ul style="list-style-type: none"> <li>To contact OO directly to discuss insurance requirements and indemnification language.</li> </ul>	RT

<p style="text-align: center;"><b>Imperial</b> <b>Waterdown to Finch Pipeline Project</b> <b>September 14, 2018</b> <b>Halton Region</b> <b>Meeting Summary Notes</b></p> <p><i>*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.</i></p>	
<p><b>Participants</b></p> <p><i>Halton Region (HR)</i></p> <ul style="list-style-type: none"> <li>Keenan Lane, Manager of Realty Services (KL)</li> <li>Bob Wicklund, Manager of Road Operations (BW)</li> <li>Nathan Stewart, Supervisor, Road Operations &amp; Maintenance (NS)</li> <li>Tim Skrins, Supervisor, Permits (TS)</li> </ul> <p>Regrets:</p>	<p><i>Exxon Mobil (EMHC)</i></p> <ul style="list-style-type: none"> <li>David Sirjue, Project Engineering Consultant (DS) (call-in)</li> </ul> <p><i>Universal Pegasus International (UPI)</i></p> <ul style="list-style-type: none"> <li>Hernan Castedo, Engineer III (HC) (call-in)</li> </ul> <p><i>CanACRE (CA)</i></p> <ul style="list-style-type: none"> <li>John Yu, Manager, Planning and Permitting (JY)</li> <li>Ryo Kikuchi, Planner, Planning and Permitting (RK)</li> </ul> <p><i>ERM</i></p> <ul style="list-style-type: none"> <li>Mark Welsh, Consultant (MW) (call-in)</li> </ul>
<p style="text-align: center;"><b>Meeting Objectives</b></p> <ul style="list-style-type: none"> <li>Describe Imperial's Waterdown to Finch Project (the Project)</li> <li>Discuss Affected Halton Region Lands and Requirements</li> <li>Confirm Halton Region Road Crossing and Surplus Land Requirements and Approvals</li> <li>Further discuss and confirm Halton Region requirements for Water Source / Water Disposal Permit</li> <li>Establish Point(s) of Contact for Halton Region</li> </ul>	
<b>Topic</b>	<b>Discussion</b>
Location	<ul style="list-style-type: none"> <li>Halton Region Small Business Centre - Level 2 - PW Room (1151 Bronte Road, Oakville)</li> </ul>
Introductions	<ul style="list-style-type: none"> <li>Participants introduced themselves.</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>JY provided a safety moment related to awareness when driving with sun glare.</li> </ul>
Materials	<ul style="list-style-type: none"> <li>Imperial's Sarnia Products Pipeline Waterdown to Finch PowerPoint presentation July 2018</li> <li>Google Earth KMZ showing proposed pipe centreline, and affected Halton Region parcels and interests</li> <li>Imagery showing proposed surveys on affected Halton Region parcels</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>Waterdown to Finch Project Overview (10 min)</li> <li>Affected Halton Region Lands and Requirements (70 min) <ul style="list-style-type: none"> <li>Road Crossing (and Surveys) <ul style="list-style-type: none"> <li>Permanent Road Crossing Agreement / Permit</li> </ul> </li> <li>Surplus Lands (and Surveys) <ul style="list-style-type: none"> <li>Grant of Easement</li> </ul> </li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ Temporary Construction Requirements <ul style="list-style-type: none"> <li>▪ Excavation Permit</li> <li>▪ Road Occupancy Permit</li> <li>▪ Oversize/Overweight Permit</li> <li>▪ Entrance Permit</li> <li>▪ Water Source / Water Disposal Permit (for Hydrostatic Testing)</li> </ul> </li> <li>• Point(s) of Contact (5 min) <ul style="list-style-type: none"> <li>▪ Road Crossing</li> <li>▪ Surplus Lands</li> </ul> </li> <li>• Questions (5 min)</li> </ul>
Waterdown to Finch Project Overview	<ul style="list-style-type: none"> <li>• JY advised that this is a proactive same-for-same pipeline replacement for Imperial's existing Sarnia Products Pipeline (SPPL), as the existing pipe is over 70 years old.</li> <li>• SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA).</li> <li>• SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline, diesel and jet fuel that keeps people, goods and services moving.</li> <li>• 63 km will be replaced, while the existing pipe will be deactivated and removed from service. It will be cleaned, filled with nitrogen, maintained, monitored and left in place.</li> <li>• The 12-inch line will be replaced with another 12-inch pipe. IOL will be applying for a Leave to Construct to the Ontario Energy Board (OEB) in 2019.</li> <li>• Overview of timelines: Spring 2018: project launch, routing, environmental and cultural studies; Summer/Fall 2018: Community Information Sessions in 6 municipalities; Winter/Spring 2019: LTC submission to OEB; Summer 2019: engineering design completion; Late Fall 2019: pre-construction communication. Late 2020 is the potential in-service start date.</li> </ul> <p>JY provided an explanation on the two types of installation methods: Trenchless, including Horizontal Directional Drilling (HDD), and Open cut.</p> <ul style="list-style-type: none"> <li>• KL asked what the material of the existing pipeline is. HC responded by answering that it is a carbon steel pipe.</li> <li>• BW asked if IOL's contractors are willing to conduct the construction work at night. JY answered that depending on the crossing, construction work can be done at night.</li> <li>• JY advised that the construction method for road allowance crossings will be trenchless.</li> <li>• NS asked if the existing pipe will be taken out. JY stating that the intention is to leave the pipe in the ground, but it will be deactivated, cleaned, and filled with nitrogen. No leaks have been detected to date, and cathodic protection will continue to be used on the deactivated pipeline to prevent corrosion.</li> <li>• NS asked if GIS data of the existing IOL pipeline can be provided to know the exact coordinates and depth; Halton Region does not have this information. JY will look into providing this information for Halton Region.</li> <li>• KL advised that Halton Region's obligation is to consider infrastructure decommissioning for future proposed Halton Region works.</li> </ul>

<p>Affected Halton Region Lands and Requirements</p>	<p><u>Crossing 1</u></p> <ul style="list-style-type: none"> <li>JY advised that there is a total of 5 Halton Region road crossings; Guelph Line is the 1<sup>st</sup> road crossing and consists of 3 parcels.</li> <li>NS advised that Milborough Line has dual ownership (Hamilton and Burlington).</li> <li>JY asked if there are any issues or comments with the Guelph Line crossing.</li> <li>KL advised that there should not be any water or wastewater infrastructure on Guelph Line at this location.</li> <li>NS advised that an excavation permit will be needed for geotechnical boreholes and archaeological test-pits. JY advised that for BH 21, only access is required through a Halton Region-owned property. Archaeological test-pits will be done with hand shovels, and farmed areas will be ploughed.</li> <li>KL asked if compaction tests are done when backfilling test pits, as Halton will not want sediment erosion, especially on road sides. MW clarified the proposed backfill compaction method and made note of KL's comment on the suggested backfill compaction methods.</li> <li>TS advised that one permit that covers all areas for archaeological surveys will be fine, but entrance permits (for temporary/permanent accesses) will need to be issued separately for each location. NS advised that permits for staging areas would be required; JY stated that this may be required for the construction of the pipeline, but staging areas will not be required for surveys.</li> </ul> <p><u>Crossing 2</u></p> <ul style="list-style-type: none"> <li>JY advised that Appleby Line is the 2<sup>nd</sup> road crossing, which consists of 2 PINs, and the trenchless construction method is proposed.</li> <li>Archaeological test-pitting will be done here, as it is a wooded area. MW advised that it is a steep area and that ERM is working with MTSC to avoid doing test-pitting over HDD crossing location; for now, the plan is still to do test-pitting. JY advised that the polygon shown in the imagery mapping should be changed from a plough area to a test-pit area. MW agreed.</li> <li>KL advised that Appleby Line is currently being re-surfaced by HR.</li> <li>JY advised that for PIN 072050039, the landowner on title is listed as a private landowner (Cartwright).</li> <li>KL advised that this may be an error and it happens often: when roads are re-aligned (such as Appleby Line), parcels do not always transfer to the HR at the time of re-alignment and instead stay with the historical owner.</li> </ul> <p><u>Crossing 3</u></p> <ul style="list-style-type: none"> <li>JY advised that the 3<sup>rd</sup> road crossing is Tremaine Road, again consisting of 2 PINs. Archaeological ploughing is proposed up to the southern shoulder of the road.</li> <li>BW advised that HR is proposing a road-widening in the future. HR advised that IOL can review Halton Region's Transportation Master Plan (online) for more information on timelines and plans (if any).</li> </ul>
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Crossing 4

- JY advised that the 4<sup>th</sup> road crossing is Regional Road 25, which consists of 5 PINs.
- KL advised that Regional Road 25 was reconstructed in last 4 years, and there are water mains and sanitary infrastructure on west side of the road within the road right-of-way that feed to Milton. This is something to keep in mind for the proposed archaeological test-pits. There are no planned future projects at Regional Road 25.

Surplus Land 1

- For PIN 249280010, HR is proposing install new underground infrastructure paralleling Johnson's Way in April 2019 and will be using Johnson's Way for access. The underground infrastructure will be crossing IOL's pipeline and the Hydro One corridor.
- KL asked if the construction will be open cut through rest of the field on PIN 249280010. HC stated that open cut is the proposed construction method. KL advised that there is a tenant farmer on this property. HC advised that IOL has a 50m easement, and that the preference would be for the new pipeline to stay within IOL's existing easement.
- JY advised that the access to borehole 21 is proposed to be via PIN 249280010, off of Johnson's Way, into Hydro One's maintenance roadway into the corridor. A flatbed and rubber-tracked rig will be used for access. KL stated that route will be used over the next 5 months by the trucks that often come in/out of HR's Biosolids Facility, but there should be no issues as long as the road conditions are maintained, and coordination with the Biosolids Facility is done. JY noted that the drill rig will be rubber-tracked so as not to compact soil. A flatbed will carry and off-load the rig at Johnson's Way, or the flatbed may drive farther north (into the Hydro One corridor) and off-load closer to the borehole 21 location.
- KL asked what the scope of work of archaeological surveys is on this parcel. JY responded stating that there is both test-pitting and ploughing on this parcel. KL advised that tenant has crops (grass) on this farm, so the surveys may have to wait until harvest is complete, or the tenant can be compensated for the crop-loss.
- KL asked what the timelines are for access to borehole 21. JY responded by stating that it will be approximately 1 to 2 days for each borehole, but crews may come back with to assess ground water levels. KL asked if there is a monitoring well will be installed at the borehole 21 location. CA will confirm and follow up with HR.
- KL advised that a license agreement will be required for access onto this PIN and can provide a rolling 2-week window to coordinate access with the tenant farmer. KL advised that a license agreement will be sufficient for all surveys (non-intrusive and intrusive). The license agreement will need to include a scope of work, term and provisions for notice. KL reiterated that, in April of 2019, there is a 6-month project spanning the entirety of Johnson's Way, and the Province will not allow two contractors to work in the same area.
- TS advised that HR is proposing to extend Neyagawa Rd northwest to connect to James Snow Pkwy and Britannia Rd W. There are no timelines or plans for this proposal yet.

	<p><u>Crossing 5</u></p> <ul style="list-style-type: none"><li>JY advised that the 5<sup>th</sup> road crossing is Trafalgar Rd, and the proposed construction method is trenchless. KL advised that there is a watermain in the Trafalgar Rd right-of-way.</li></ul> <p><u>Crossing 6</u></p> <ul style="list-style-type: none"><li>JY advised that the 6<sup>th</sup> unopened road allowance crossing is Ninth Line.</li><li>KL advised that an environmental assessment is currently under way for Ninth Line, as Halton is proposing to widen and straighten out some connections by working with MTO. HC advised that the construction method will be a deep HDD along this whole intersection. KL advised that servicing is planned, which will require deep footings. KL requested more detailed imagery of this crossing so that KL can forward to relevant HR staff members for review. KL advised that this crossing, though an unopened road allowance, should be treated as a road crossing.</li><li>TS advised that for water source and water disposal permits, there are water hydrants off of Trafalgar Road and Regional Road 25 in the vicinity of crossings. IOL should be able to tap into the hydrants for water, once HR installs a meter. In order to do so, a Hydro Meter Permit will be required to allow contractors to fill their trucks with water, and the contractor will pay based on usage.</li></ul>
Point(s) of Contact	<ul style="list-style-type: none"><li>TS is POC for all permits.</li><li>NS is POC for road crossings.</li><li>KL is POC for any HR-owned (surplus) lands.</li></ul>
Questions	<ul style="list-style-type: none"><li>None, except those integrated into the discussions above.</li></ul>
<b>Summary of Actions</b>	
<ul style="list-style-type: none"><li>CA to confirm whether there is piezometer at borehole location 21</li></ul>	Who CA
<ul style="list-style-type: none"><li>CA to forward imagery of Ninth Line crossing to KL</li></ul>	CA
<ul style="list-style-type: none"><li>KL to provide license agreement to CA for access onto PIN 249280010</li></ul>	KL
<ul style="list-style-type: none"><li>KL to send CA the contact information of tenant farmer on PIN 249280010</li></ul>	KL



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**September 21, 2018**  
**City of Toronto**

**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*City of Toronto (CT)*

- Jeffrey Climans, Director, Major Capital Infrastructure Coordination (JC)
- Doodnauth Sharma, Senior Project Manager, Major Capital Infrastructure Coordination (DS)
- Shalin Yeboah, Senior Project Director, Major Capital Infrastructure Coordination (SY)
- Tim Park, Manager, Acquisitions & Expropriations, Real Estate Division (TP)

Regrets:

*Universal Pegasus International (UPI)*

- David Bui, Senior Engineer I (DB) (call-in)
- Jasmine Lewis, Engineer I (call-in)
- Hoss Seitz, Construction Manager (HS) (call-in)

*CanACRE (CA)*

- Haseeb Amirzada, Director, Planning and Permitting (HA) (call-in)
- John Yu, Manager, Planning and Permitting (JY)
- Ryo Kikuchi, Planner, Planning and Permitting (RK)

*ERM*

- Curtis Campbell, Partner (CC) (call-in)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Project (the Project)
- Discuss Affected City of Toronto Lands and Requirements
- Confirm City of Toronto Road Crossing and Surplus Land Requirements and Approvals
- Establish Point(s) of Contact for City of Toronto and TTC

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Toronto City Hall – East Tower, 4<sup>th</sup> Floor, Small Boardroom (100 Queen Street West)</li> </ul>
Introductions	<ul style="list-style-type: none"> <li>• Participants introduced themselves.</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's (IOL) Sarnia Products Pipeline (SPPL) Waterdown to Finch PowerPoint presentation July 2018</li> <li>• Google Earth KMZ showing proposed pipe centreline, and affected City of Toronto parcels and interests</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Waterdown to Finch Project Overview (10 min)</li> <li>• Affected City of Toronto Lands and Requirements (40 min) <ul style="list-style-type: none"> <li>▪ Road Crossing <ul style="list-style-type: none"> <li>○ Permanent Road Crossing Agreement / Permit</li> </ul> </li> <li>▪ Surplus Lands <ul style="list-style-type: none"> <li>○ Grant of Easement</li> <li>○ Temporary Construction Requirements</li> </ul> </li> </ul> </li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>▪ TRCA-owned Lands managed by City of Toronto Parks</li> <li>▪ TTC Crossing <ul style="list-style-type: none"> <li>○ Spadina Subway Extension – Finch West Station</li> </ul> </li> <li>▪ Street Occupation Permit</li> <li>▪ Oversized Load / Oversized Vehicles Permit</li> <li>▪ Entrance Permit</li> <li>▪ Water Source / Water Disposal Permit (for Hydrostatic Testing)</li> <li>• Point(s) of Contact (5 min) <ul style="list-style-type: none"> <li>▪ Road Crossing</li> <li>▪ Surplus Lands</li> <li>▪ TTC</li> </ul> </li> <li>• Questions (5 min)</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• JY provided a safety moment related to awareness when driving in school zones.</li> </ul>
Waterdown to Finch Project Overview	<ul style="list-style-type: none"> <li>• JY advised that this is a proactive same-for-same pipeline replacement for Imperial's existing Sarnia Products Pipeline (SPPL), as the existing pipe is over 70 years old.</li> <li>• SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA).</li> <li>• SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline, diesel and jet fuel that keeps people, goods and services moving.</li> <li>• 63 km will be replaced, while the existing pipe will be deactivated and removed from service. It will be cleaned, filled with nitrogen, maintained, monitored and left in place.</li> <li>• The 12-inch line will be replaced with another 12-inch pipe. IOL will be applying for a Leave to Construct to the Ontario Energy Board (OEB) in 2019.</li> </ul> <p>Overview of timelines: Spring 2018: project launch, routing, environmental and cultural studies; Summer/Fall 2018: Community Information Sessions in 6 municipalities; Winter/Spring 2019: LTC submission to OEB; Summer 2019: engineering design completion; Late Fall 2019: pre-construction communication. Late 2020 is the potential in-service start date.</p> <ul style="list-style-type: none"> <li>• JY provided an explanation on the two types of installation methods: Trenchless, including Horizontal Directional Drilling (HDD), and Open cut.</li> <li>• JC asked what the diameter is of the pipe replacement. JY advised that this project is same-for-same so the diameter will be 12 inches, so the capacity of the pipe will not be increased.</li> <li>• JC asked if new structures, accesses, ports will be built or is IOL relying on existing service connections. JY advised that existing valves are being used. DB advised that the above ground valves we have now (9 in total) are proposed to be replaced with brand new ones, so IOL is not proposing anything additional (i.e. no extra tie-ins).</li> <li>• TP advised that towards the Finch terminal, TTC has constructed a new active subway line; when this Spadina Subway extension was built, it was being built around the existing pipe, so IOL will have to work with the TTC on this new crossing. There is a city by-law about gas lines passing under or over operating TTC subway infrastructure that may require a report to city council. When CA is dealing with the city in terms of land requirements for crossings over TTC infrastructure, the TTC should be involved in the</li> </ul>

Topic	Discussion
	<p>operational and technical aspects. The Spadina Subway extension tunnel construction was done with panels, and a new pipeline crossing may affect the tunnel integrity (i.e. weight load).</p> <ul style="list-style-type: none"> <li>JC advised that there is the Finch LRT, so Metrolinx should be involved as well. JY advised that they had a meeting with Metrolinx to discuss this. TP and JY noted that Metrolinx has been working with IOL on the Finch LRT crossing already.</li> <li>TP advised that Toronto can provide the appropriate contact at TTC.</li> <li>DB clarified that the Waterdown to Finch pipeline is not a gas pipeline, but a gasoline, diesel, and jet fuel pipeline.</li> </ul>
Affected City of Toronto Lands and Requirements	<ul style="list-style-type: none"> <li>JY advised that CA has identified 28 road crossings, and 7 identified city-owned lands.</li> <li>TP asked if there are any city-owned parklands. TP advised that an Official Plan policy does not allow the city to convey land rights on parkland, which would include easement rights. If an easement is to be pursued on parkland, it will have to go through city council for an amendment. HA asked if there are any other options other than a grant of easement, to avoid this lengthy process. TP advised that legal would need to be involved, as Toronto would want a registered easement, as license agreements or fee-simples are not feasible. Easement agreements would be the preferred agreement. HA advised that all of Imperial's existing easements are currently permanent.</li> <li>JY advised that two-thirds of the entire pipeline is proposed within the Hydro One corridor, and Imperial is currently in negotiations with Hydro One to achieve this as to minimize construction disruption in the surrounding neighbourhoods. JC advised that the role of his office is to coordinate city construction, utility and transit construction to ensure all work is aligned, and that there are no conflicting work zones. DS would be the point-of-contact (POC) for overall coordination of construction from planning to delivery. JC stated that if any potential conflicts or delays are identified, the Major Capital Infrastructure Coordination office can assist in keeping projects on schedule.</li> <li>DS advised that archaeological survey findings will need to be sent to the heritage preservation office for review.</li> <li>JY advised that IOL will be conducting a number of surveys, including archaeological and geotechnical surveys, and once we establish the correct POC, CA can obtain the right permits/approvals for access onto city lands for these surveys.</li> <li>JC asked if Imperial has a municipal access agreement with the city. JY does not believe so. JC suggested that IOL can consider entering into a municipal access agreement with the city to cover all access for surveys.</li> <li>JY asked for POC for water source and water disposal for hydrostatic testing. JC stated that he can provide a contact at Toronto Water. JY advised that the construction team may want to meet with the contact at Toronto Water to discuss further.</li> <li>HA asked if there are any other current/ongoing infrastructure projects that may be impacted by Imperial's proposal. JC advised that their website, <a href="http://map.toronto.ca/toinview/">map.toronto.ca/toinview/</a>, identifies all construction projects in a 1 to 3-year look ahead across the city.</li> </ul>
Point(s) of Contact	<ul style="list-style-type: none"> <li>DS will be POC for Toronto, and TP will be POC for Toronto real estate (city-owned lands)-related matters. RK and JY will be POC at CA.</li> </ul>

EXHIBIT H  
Imperial  
Record of Consultation - Supporting Documents  
Waterdown to Finch Pipeline Project

September 21, 2018  
Meeting Summary Notes

Topic	Discussion
Questions	<ul style="list-style-type: none"> <li>None, except those integrated into the discussions above.</li> </ul>
Summary of Actions	Who
<ul style="list-style-type: none"> <li>TP to provide contact information for TTC representative.</li> </ul>	TP
<ul style="list-style-type: none"> <li>JC/DS to provide contact information for Toronto Water representative.</li> </ul>	JC/DS



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**October 1, 2018**  
**Sun-Canadian Pipe Line Ltd. & Trans-Northern Pipelines Inc.**  
**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Sun-Canadian Pipe Line Ltd. (SCPL)*

- Les Wojtanowski, Manager, Operations and Engineering (LW)
- Wendy Sutherland, Land Agent, Crossing Coordinator (WS)

*Trans-Northern Pipelines Inc. (TNPI)*

- Alex Hare, Project Engineer (AH) (call-in)
- Cliff Lee, Co-ordinator of Crossing & Facilities (CL) (call-in)
- Benjamin Chow (BC) (call-in)

**Regrets:**

- Wahid Wahiduzzaman, Project Manager / Engineer, TNPI (WW)

*Imperial (IOL)*

- Ron Tourigny, Right of Way and Claims Coordinator (RT)

*Exxon Mobil (EMHC)*

- David Sirjue, Project Engineering Consultant (DS) (call-in)

*Universal Pegasus International (UPI)*

- David Bui, Senior Engineer I (DB) (call-in)
- Hernan Castedo, Engineer III (HC) (call-in)
- Jasmine Lewis, Engineer I (JL) (call-in)
- Hoss Seitz, Manager, Construction (HS) (call-in)
- James Watson, Vice President, Project Director (JW) (call-in)

*CanACRE (CA)*

- Haseeb Amirzada, Director, Planning and Permitting (HA)
- John Yu, Manager, Planning and Permitting (JY)
- Mike Benson, Planner, Planning and Permitting (MB)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Project (the Project)
- Discuss Affected SCPL and TNPI Facilities
- Confirm SCPL and TNPI Facilities Requirements and Approvals Processes
- Establish Point(s) of Contact for SCPL & TNPI

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• CanACRE Head Office (489 Queen Street East, Suite 300, Toronto)</li> </ul>
Introductions	<ul style="list-style-type: none"> <li>• Everyone from SCPL, TNPI, IOL, EMHC, UPI, and CA introduced themselves.</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's (IOL) Sarnia Products Pipeline (SPPL) Waterdown to Finch PowerPoint presentation</li> <li>• Google Earth KMZ showing proposed pipe centreline, and affected SCPL and TNPI facilities</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Waterdown to Finch Project Overview (10 min)</li> <li>• Affected SCPL and TNPI Facilities (90 min)</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>▪ Sun-Canadian Pipe Line Ltd. <ul style="list-style-type: none"> <li>○ To be discussed via WebEx Screenshare</li> <li>○ Permanent Crossing Requirements</li> <li>○ Temporary Crossing Requirements</li> </ul> </li> <li>▪ Trans-Northern Pipelines Inc. <ul style="list-style-type: none"> <li>○ To be discussed via WebEx Screenshare</li> <li>○ Permanent Crossing Requirements</li> <li>○ Temporary Crossing Requirements</li> </ul> </li> <li>• Point(s) of Contact (5 min) <ul style="list-style-type: none"> <li>▪ Sun-Canadian Pipe Line Ltd.</li> <li>▪ Trans-Northern Pipelines Inc.</li> </ul> </li> <li>• Questions (15 min)</li> </ul>
Waterdown to Finch Project Overview	<ul style="list-style-type: none"> <li>• JY advised that this is a proactive same-for-same pipeline replacement for Imperial's existing Sarnia Products Pipeline (SPPL), as the existing pipe is over 70 years old.</li> <li>• SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA).</li> <li>• SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline, diesel and jet fuel that keeps people, goods and services moving.</li> <li>• 63 km will be replaced, while the existing pipe will be deactivated and removed from service. It will be cleaned, filled with nitrogen, maintained, monitored and left in place.</li> <li>• The 12-inch line will be replaced with another 12-inch pipe. IOL will be applying for a Leave to Construct to the Ontario Energy Board (OEB) in 2019.</li> <li>• Overview of timelines: Spring 2018: project launch, routing, environmental and cultural studies; Summer/Fall 2018: Community Information Sessions in 6 municipalities; Winter/Spring 2019: LTC submission to OEB; Summer 2019: engineering design completion; Late Fall 2019: pre-construction communication. Late 2020 is the potential in-service start date.</li> <li>• JY provided an explanation on the two types of installation methods: Trenchless, including Horizontal Directional Drilling (HDD), and Open cut.</li> <li>• LW asked for the main justification of pipeline replacement and RT mentioned previous tool runs that occurred and the need for proactive replacement, even though the pipeline likely has an additional 15 years to its lifespan. LW was concerned about perceptions surrounding the age of pipeline, but RT explained it was an anomaly issue, not an age issue.</li> <li>• RT clarified with LW that Imperial will be installing the new pipe in the existing easement on private lands and will acquire additional easement throughout the Hydro One Networks Inc. (HONI) corridor.</li> </ul>
Affected SCPL Facilities	<p><u>Google Earth KMZ (via WebEx)</u></p> <ul style="list-style-type: none"> <li>• HC showed how Sun-Canadian's pipelines are impacted starting from KP 29 of the Project (Winston Churchill Blvd/HWY 403) to the North York Terminal. LW asked for crossing drawings for first crossing in KP 29 area. Two predominately parallel Sun-Canadian lines are impacted along the route; an 8-inch line and a 12-inch line.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>RT said Imperial is proposing to get out of the Treetop Ct neighbourhood, where the existing SPPL line runs through, and into HONI's corridor for that portion of the Project instead.</li> <li>LW asked if we have considered the Hurontario LRT and JY clarified that CanACRE met with them already to start discussions.</li> <li>JY clarified how Imperial is bypassing the already-congested tunnel under the HWY 401/427 interchange because there is no room for an additional pipeline. Imperial will instead have to drill an additional crossing.</li> <li>When asked by LW, RT clarified that Imperial is deactivating existing line, not abandoning it. Upon deactivation, it will be cleaned and then filled with nitrogen.</li> </ul> <p><u>Temporary Crossings</u></p> <ul style="list-style-type: none"> <li>RT clarified Imperial only needs a 10 x 10m workspace around the proposed boreholes, as opposed to a 30 x 30m workspace, which is why the number of temporary crossings has been reduced and re-submitted for Imperial's geotechnical surveys.</li> <li>Upon asking, JY clarified with LW that OEB-regulated pipelines were not sent a proximity notification (only NEB-regulated pipelines were), which is why LW has not yet heard anything regarding archaeological surveys. When LW asked about ploughing, RT explained it is only where Imperial's able to plough and 1m test-pits are the maximum depth for the initial stage (Stage 2) of archaeological test-pitting.</li> <li>LW clarified that a 7m minimum setback is Sun-Canadian's required safety zone for ground disturbance. LW and WS will get back to CanACRE and Imperial on whether test-pits more than 12-inches/30cm deep can be permitted within their 7m safety zone. RT told HC we should move any boreholes within 7m of Sun-Canadian's pipeline outside of the 7m safety zone. If we can do that, a Sun-Canadian inspector may not be needed. HC will look into it and get back to everyone.</li> <li>RT said a ballpark timeline on issued agreements would be helpful once CanACRE provides the previously requested Google Earth KMZs. LW said the submitted application will be taken to their Maintenance Department for further review, but that processing times can be sped up by providing a list of temporary crossings that are prioritized for phased approval.</li> <li>RT said the drilling of a borehole is a one-day process, generally. HC said some boreholes may require 2-3 days where they are drilled deeper. RT communicated to HC that Sun-Canadian needs to know how many days are anticipated for each borehole on a site-specific basis.</li> <li>LW says they need the dates of the proposed works and RT confirmed detailed information could be provided in the next 5 days.</li> </ul> <p><u>Permanent Crossings</u></p> <ul style="list-style-type: none"> <li>LW and WS confirmed they will be managing approval for Sun-Canadian's crossings. LW stated they intend on addressing Imperial's Credit River Valley crossings separately.</li> <li>RT said Imperial is hopeful to start the construction of the Credit River Valley crossing in January to March of 2019.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>JY showed typical drawings for Sun-Canadian permanent crossings. LW asked for a complete list of all permanent crossings, including the location, depth of cover, method of installation, and cathodic protection methods on a site-specific basis. For the sake of cathodic protection, Sun-Canadian needs to know the proposed distance from all their pipelines from pipe edge to pipe edge. HC said the standard separation is 3 to 4.5m for foreign pipelines, but site-specific information is not yet ready.</li> <li>LW says Sun-Canadian uses Corrosion Services as a cathodic protection consultant for their pipeline but says he would prefer some kind of third-party review from outside the Project for the review of Imperial's proposed cathodic protection.</li> <li>LW recommended that RT/Imperial and TNPI work together on a consistent list of requirements and type of agreement to be executed for permanent crossings (i.e. standard CAPP agreement versus an alternative agreement).</li> </ul>
Affected TNPI Facilities	<p><u>Google Earth KMZ (via WebEx)</u></p> <ul style="list-style-type: none"> <li>HC showed how Trans-Northern's pipelines are impacted starting from KP 40 of the Project to the North York Terminal.</li> <li>TNPI noted that, due to the size and complexity of the Project, Imperial may need to do a formal agreement with TNPI instead of a standard Construction Permit.</li> <li>AH clarified TNPI has a 10-inch and 22-inch pipeline within the HONI corridor.</li> </ul> <p><u>Temporary Crossings</u></p> <ul style="list-style-type: none"> <li>JY clarified with CL that CanACRE sent an updated/reduced list of temporary crossings for geotechnical surveys.</li> <li>For archaeological surveys, CL stated CanACRE was just given a clearance letter. Where this does not apply, Construction Permits will be required for geotechnical crossings.</li> <li>HC clarified that Imperial is not digging within 3m within of Sun-Canadian or TNPI's pipelines. CL says the clearance letter that was issued cannot be applied to all areas outside the 3m setback because 5m is the safety area around Trans-Northern's pipelines. Test-pitting between 3 to 5m still requires a permit and an inspection but JY stated we can check with the archaeological survey crew to see if the 3m setback can be extended to a 5m setback for Trans-Northern.</li> <li>RT said both Trans-Northern and Sun-Canadian requested Google Earth KMZs from UPI for their crossings and UPI/CanACRE will accommodate that request.</li> <li>CL stated that, if outside the 5m setback, boreholes below 12-inches/30cm are not a problem and for those over 12-inches/30cm, it is likely acceptable, but notification will be required.</li> <li>CL said they will have yellow flags for identifying the line in the field, as well as pink flags for the 30m (NEB) zone.</li> <li>RT said Imperial can provide the first 10 borehole locations, which will be prioritized geographically so permits can be geographically grouped. CL said it usually takes a couple days to produce a single permit. The depth of each borehole (site-specific basis) is required, as well as the horizontal distance/setback from Trans-Northern's pipelines.</li> <li>CL would provide us with a field services number and Imperial will arrange for specific inspectors once ready to conduct work in field.</li> </ul>

Topic	Discussion
	<ul style="list-style-type: none"> <li>HC confirmed groupings should be done geographically, first and foremost. HC confirmed no boreholes will be within 5m of any pipelines.</li> <li>AH says we need to give equipment specs and weight for temporary crossings. RT says we will need requirements in return such as ramps, matting, etc.</li> </ul> <p><u>Permanent Crossings</u></p> <ul style="list-style-type: none"> <li>TNPI stated that the method of installation and drawing profiles need to be sent to CL for permanent crossings.</li> <li>JY clarified with HC that the method of installation is either open cut or HDD for permanent crossings and drawings will indicate the method clearly.</li> <li>AH suggested a comprehensive crossing agreement for permanent crossings that would cover liability issues and safety-related matters, in which a schedule can be added. RT said the agreement would have to go through legal review and operations. RT suggested Imperial could accept Trans-Northern's regular permits and add a Schedule A for additional conditions.</li> </ul>
Point(s) of Contact	<ul style="list-style-type: none"> <li>For Sun-Canadian, WS will be the primary contact with LW Cc'd on all correspondence. They will forward information to Paul Lane on an as-required basis.</li> <li>For TNPI, CL will remain as primary contact, with AH Cc'd on all correspondence. AH is only to be involved if an agreement is required or engineering needs to be involved.</li> </ul>
Questions	<ul style="list-style-type: none"> <li>None, except those integrated into the discussions above.</li> </ul>
<b>Summary of Actions</b>	
<ul style="list-style-type: none"> <li>Determine whether test-pits or boreholes over 12-inches/30cm can be dug within Sun-Canadian's 7m safety zone. Relay this information back to Imperial/CanACRE.</li> </ul>	LW/WS
<ul style="list-style-type: none"> <li>Determine whether boreholes can be kept entirely out of Sun-Canadian's 7m safety zone. Relay this information back to Imperial/CanACRE.</li> </ul>	HC
<ul style="list-style-type: none"> <li>UPI to provide separate KMZs and additional information to further Sun-Canadian and Trans-Northern's review of the geotechnical survey crossings:               <ul style="list-style-type: none"> <li>KMZ to include the affected geotechnical survey access roads and boreholes, Sun-Canadian/Trans-Northern pipelines, and identified temporary equipment crossings.</li> <li>Additional information includes the depth of each borehole, the anticipated number of day(s) for each site, and the distance from Sun-Canadian/Trans-Northern's pipelines to the proposed boreholes.</li> </ul> </li> <li>CanACRE to group the crossings geographically, and then submit a revised crossing request package to Sun-Canadian and Trans-Northern for review.</li> </ul>	UPI/MB
<ul style="list-style-type: none"> <li>Ask ERM whether they can keep test-pitting at least 5m away from all TNPI's pipeline locations.</li> </ul>	JY
<ul style="list-style-type: none"> <li>Determine which form of crossing agreement is to be executed for permanent crossings with Sun-Canadian and Trans-Northern.</li> </ul>	LW/RT/TNPI

**Imperial**  
**Waterdown to Finch Pipeline Project**  
**October 4, 2018**  
**Enbridge Monitoring Plan Discussion Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Enbridge Pipelines Inc (EPI)*

- Andrew (Sean) McConnell, Damage Prevention Line Crossing Tech III (SM)

*Enbridge Gas Distribution (EGD)*

- Jim Arnott, Senior Advisor Planning (JA)

**Regrets:**

- Ann Newman, Supervisor Row Services (EPI)
- Maria Bradley, Crossings Analyst (EPI)

*Imperial*

- Ron Tourigny, Right of Way and Claims Coordinator (RT)

*UniversalPegasus International (UPI)*

- Hernan Castedo, Engineer III (HC)
- David Bui, Senior Engineer I (DB)
- James Watson, Project Director (JW)
- Hoss Seitz, Construction Manager (HS)

*CanACRE*

- Haseeb Amirzada, Director – Planning and Permitting (HA)
- John Yu, Manager – Planning and Permitting (JY)
- Christopher James, Planner Team Lead (CJ)

*Stantec*

- Adam Hatch, Project Manager (AH)

**Meeting Objectives**

- Review UPI's Enbridge Monitoring of Intrusive Field Work document
- Determine the need for dedicated field representatives from EPI and EGD

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Conference Line</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Review of UPI's Enbridge Monitoring of Intrusive Field Work</li> <li>• Discussion</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• UPI's Enbridge Monitoring of Intrusive Field Work</li> </ul>
Introduction	<ul style="list-style-type: none"> <li>• Participants introduced themselves.</li> </ul>
Review of UPI's Enbridge Monitoring Work Plan for Upcoming Intrusive Activities	<ul style="list-style-type: none"> <li>• HC walked everyone through the "Enbridge Monitoring of Intrusive Field Work" document, including the Project Overview, Scope of Work, Descriptions of the Archaeological and Geotechnical surveys, the Schedule of the Work, and the equipment details.</li> </ul>
Discussion	<ul style="list-style-type: none"> <li>• RT noted that Ann Newman from EPI will be providing the approval documents for the proposed temporary equipment crossings over EPI facilities based on the use of</li> </ul>

	<p>ramps (as opposed to air bridges). SM noted that an air bridge will be a more practical solution than ramps.</p> <ul style="list-style-type: none"> <li>JA noted that EGD has only received approximately 25 temporary equipment crossings from Imperial and asked when EGD can expect the balance. HA clarified that all instances where equipment will be crossing EGD's vital mains to access the boreholes have been identified, as well as any boreholes within 5 metres of EGD's vital mains. No more crossings are required to be submitted to EGD for review. JA confirmed that EGD is fine with Stantec staking the identified EGD crossing locations.</li> </ul>
Summary of Actions	Who
<ul style="list-style-type: none"> <li>AH to provide RT with proposed air bridge design specifications, so RT can follow up with Ann Newman at EPI to obtain approval documents based on an air bridge (versus ramps).</li> </ul>	AH/RT
<ul style="list-style-type: none"> <li>SM to confirm, sometime next week, whether Stantec can stake EPI's facilities, and EPI staff can then field-verify. This will save EPI's time and resources from going out to locate and stake their own facilities, which is EPI's usual policy.</li> </ul>	SM
<ul style="list-style-type: none"> <li>SM to also confirm if a dedicated inspector/Overtime can be provided based on Imperial's scope of work and requirements. It should take only a week to on-board a third-party inspector.</li> </ul>	SM
<ul style="list-style-type: none"> <li>JA to confirm if a dedicated inspector/Overtime can be provided based on Imperial's scope of work and requirements.</li> </ul>	JA

**Imperial**  
**Waterdown to Finch Pipeline Project**  
**October 5, 2018**  
**Canadian National (CN) Technical Meeting**  
**Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Canadian National (CN)*

- Michael Vallins, Manager, Public Works (MV)

**Regrets:**

*Canadian National (CN)*

- Megan Whalen, Engineering Technician (MW)

*Universal Pegasus International (UPI)*

- Hoss Seitz, Construction Manager (HS)
- David Bui, Senior Engineer I (DB)

*Imperial (IOL)*

- Ron Tourigny, Right of Way & Claims Coordinator (RT) (call-in)

*Universal Pegasus International (UPI)*

- Hernan Castedo, Engineer III (HC) (call-in)

*CanACRE (CA)*

- Haseeb Amirzada, Director, Planning and Permitting (HA)
- Ryo Kikuchi, Planner, Planning and Permitting (RK) (call-in)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Project (the Project)
- Discuss and Confirm Affected CN Railway Property Requirements and Approvals
- Discuss and Confirm Affected CN-owned Property Requirements and Approvals
- Establish Point(s) of Contact for CN

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• CN Office (1 Administration Road, Concord ON)</li> </ul>
Introductions	<ul style="list-style-type: none"> <li>• Participants introduced themselves.</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's (IOL) Sarnia Products Pipeline (SPPL) Waterdown to Finch PowerPoint presentation July 2018</li> <li>• Google Earth KMZ showing proposed pipe centreline, and affected CN parcels and interests</li> </ul>
Agenda	<ul style="list-style-type: none"> <li>• Waterdown to Finch Project Overview (10 min)</li> <li>• Affected CN Lands and Requirements (60 min) <ul style="list-style-type: none"> <li>▪ Railway Property <ul style="list-style-type: none"> <li>○ Gas / Oil Pipeline Crossing Application (Crossing Agreement)</li> <li>○ Work Permit (Letter of Approval) <ul style="list-style-type: none"> <li>• Applicant, Contractor/Sub-contractor insurance requirements</li> </ul> </li> <li>○ Geotechnical &amp; Settlement Monitoring Requirements</li> <li>○ Drawing Requirements</li> </ul> </li> <li>▪ CN-owned Properties</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ Permanent Crossing Requirements</li> <li>○ Temporary Crossing / Survey Work Requirements</li> <li>○ Tenants</li> <li>• Point(s) of Contact (10 min) <ul style="list-style-type: none"> <li>▪ Railway Property</li> <li>▪ Owned Properties</li> </ul> </li> <li>• Questions (10 min)</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• MV provided a safety moment related to awareness when driving and cutting other drivers off.</li> <li>• MV provided a safety moment related to awareness when working around rail tracks.</li> </ul>
Waterdown to Finch Project Overview	<ul style="list-style-type: none"> <li>• HA advised that this is a proactive pipeline replacement for Imperial's existing Sarnia Products Pipeline (SPPL), as the existing pipe is ~65 years old. This is a same for same replacement, as a new 12-inch line will be put in directly adjacent to the existing pipe, wherever possible.</li> <li>• The Current pipe will be deactivated and left in place, cleaned, and filled with nitrogen (an inert gas).</li> <li>• Overview of timelines: Spring 2018: project launch, routing, environmental and cultural studies; Summer/Fall 2018: Community Information Sessions in 6 municipalities; Winter/Spring 2019: LTC submission to OEB; Summer 2019: engineering design completion; Late Fall 2019: pre-construction communication. Late 2020 is the potential in-service start date.</li> <li>• MV asked whether the pipe will be segmented. HC confirmed that the pipe is planned for segmentation.</li> <li>• RT advised that IOL is deactivating its pipe and maintaining its integrity with cathodic protection, and will conduct pressure monitoring, as if it is an operational pipe.</li> <li>• MV asked if the pipe could potentially be used in the future and RT confirmed that this could be a possibility.</li> </ul>
Affected CN Lands and Requirements	<ul style="list-style-type: none"> <li>• HA confirmed that there is only one CN rail crossing on the project. HA advised that based on corporate profiles CA has determined that these surplus properties on either side of the CN tracks are also owned by CN. MV confirmed that these are owned by CN.</li> <li>• MV advised that this location is meant to be a hub for CN and IOL will have construction access issues at Lower Base Line as CN will be widening out the corridor to add more tracks and there will be a grade separation at this road crossing. HA mentioned that a construction access plan hasn't been finalized yet, but this would be taken into consideration. CN's work is planned to start at the same time as this project (i.e. end of 2019/start of 2020).</li> <li>• HC advised that UPI will bore from property line to property line and asked whether pipe casing will be required. MV advised that CN will require casing for the pipe, to withstand heavy loads.</li> <li>• RT advised that traditionally pipes were cased under rail tracks. Due to recent research, casing promotes corrosion, and so IOL does not want to do casing. MV advised that if IOL doesn't want to do casing, IOL will need to ensure that pipe material can withstand</li> </ul>

	<p>heavy loads and satisfies underground crossing requirements within the rail right of way (ROW).</p> <ul style="list-style-type: none"><li>• MV advised that there will be track work extending from Tremaine Road in the south, shifting the main line. CN will be building out to the limits of rail property, to have 4 tracks within the ROW. While there is construction on the corridor, there will be access issues. MV had concerns related to IOL's archaeological assessments within the ROW. RT advised that the Province requires the archaeological assessments to be done at this crossing.</li><li>• MV asked how IOL will be accessing this site, as contractors have defined spaces – if doing jacking and boring, where will staging areas be? The two projects may overlap. HA mentioned that all this information will be provided along with the pipeline crossing application.</li><li>• MV advised that start and end pits must be 10 m off property line and must meet CN slope requirements. HC informed MV that construction is starting December of 2019 and expected to last for 6-7 months. HC advised that IOL will be doing jacking underneath tracks and then doing open cut.</li><li>• MV advised that flag persons will be more available in January. All requirements for boring under tracks apply.</li><li>• MV advised that if IOL is doing jacking under tracks, if there is another contractor on site, will have to ensure that they are not touching each other's work zones, as time and separation rules for contractors on same site apply. If physically doing jack and boring – settlement monitoring will require surveyors to cross tracks, while CN contractor is in the area. IOL and CN will need to adhere to communication protocol – but this is if sites are active at the same time. HC responded by advising that a normal crossing takes a week. MV advised that CN can put in temporary crossings with construction crossing agreement. But if IOL can drive from one side and cross the tracks at a public road, they can avoid a construction crossing agreement.</li><li>• MV asked where IOL will be doing archaeological assessments via hand shovels – in ditches? HA advised that visual observations will identify where test pitting (if necessary) will occur. MV advised that if the test pitting is in the ditches, it's just top soil. But CN will not allow for any pits near the tracks. HA responded by advising that they won't expect test pits to be near tracks.</li><li>• MV advised that one work permit will be fine for access to all properties including surplus lands, IOL will need to notify tenants. MV also stressed the importance of flagging, as all heavy equipment around sites will require flagmen to protect construction site. CN advised that they will setup a project number for IOL's pipe crossing application to help expedite approvals and third-party review process. MV advised that the Settlement monitoring requirements haven't changed.</li><li>• MV advised that a Pipe crossing agreement will be for the ROW property only. MV will confirm process with CN real estate group for permanent occupation of the pipeline on the surplus properties.</li><li>• MV will provide list of tenants on surplus properties.</li></ul>
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Point(s) of Contact	<ul style="list-style-type: none"><li>MW should remain the point of contact and MV can be copied on all correspondence.</li></ul>
Summary of Actions	
Who	
<ul style="list-style-type: none"><li>MV to confirm crossing requirements for CN surplus lands.</li></ul>	MV
<ul style="list-style-type: none"><li>MV to provide the list of tenants on CN surplus lands.</li></ul>	MV
<ul style="list-style-type: none"><li>MV to provide project number that will be assigned for the crossings application.</li></ul>	MV

**Imperial**  
**Waterdown to Finch Pipeline Project**  
**Monday, November 12, 2018**  
**City of Mississauga Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*City of Mississauga*

- Auryn Soares (AS)
- William Moffatt (WM)

*CanACRE (CA)*

- John Yu, Manager, Planning and Permitting (JY)
- Eric Mark, Team Lead, Planning and Permitting (EM)

**Meeting Objectives**

- Confirm outstanding requirements for Non-Intrusive Survey Agreement execution
- Confirm outstanding requirements for Intrusive Survey City of Mississauga review
- Confirm submission process for City of Mississauga tenant land access
- Re-confirm Points of Contact, by submission type, for City of Mississauga

Topic	Discussion
1. Non-intrusive Agreement	<ul style="list-style-type: none"> <li>• Non-intrusive Agreement: minimum \$2081 agreement fee applies</li> </ul>
2. City Tenant Lands	<ul style="list-style-type: none"> <li>• Will be a full review and circulation to seek the City's approval</li> <li>• Show on separate maps from city-owned lands to avoid commenting confusion</li> <li>• Show non-applicable access roads in a different colour if possible</li> </ul>
3. Intrusive Agreements	<ul style="list-style-type: none"> <li>• Areas of work need to be narrowed to reduce lease cost – estimate laneway width and length</li> <li>• Provide length of time required for work, and approximate schedule. If immediate deployment, a 30-day approval can be done on execution</li> <li>• Securities will apply for borehole restoration</li> <li>• Send the above information immediately, it will not reset the circulation</li> </ul>
4. Submission Contacts	<ul style="list-style-type: none"> <li>• Include both Bill and Auryn on general submissions</li> <li>• Generally address to titles, not names, in case the person is no longer around, this avoids re-tasking</li> </ul>

Summary of Actions	Who
<ul style="list-style-type: none"> <li>• Submit \$2,081 Non-intrusive Agreement fee</li> </ul>	EM
<ul style="list-style-type: none"> <li>• Submit area calculations for Intrusive Agreement</li> </ul>	EM



**Imperial**  
**Waterdown to Finch Pipeline Project**  
**November 21, 2018**  
**Peel Region**  
**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*Peel Region (PR)*

- Wendy Jawdek, PUCC Coordinator (WJ)
- Christina Marzo, Manager, Development Services Planning (CM)
- Pino Simonetta, Real Estate Portfolio Analyst (PS)
- Tod Jenkins, Supervisor, CAD & GIS (TJ)
- Rose Hercia, Supervisor, Real Property (RH)
- Lori-Ann Thomsen, Manager, Real Property and Facility Acquisitions (LT)
- Bob Nieuwenhuysen, Manager, Roads Design and Construction (BN)
- Darrin Dodds, Manager, Capital Works, Water (DD)
- Nimarta Gill, Project Manager, Water and Wastewater Program Planning (NG)
- Maad Abid Al Hadi, Technical Analyst, Capital Works (MH)

Regrets:

*Imperial IOL)*

- Ron Tourigny, Right of Way & Claims Coordinator (RT)

*ExxonMobil (EMHC)*

- Amir Taherivand, Consultant (call-in) (AT)
- Elias Majdalani, Project Manager (call-in) (EM)
- David Sirjue, Consultant (call-in) (DS)

*Universal Pegasus International (UPI)*

- David Bui, Senior Engineer I (call-in) (DB)
- Hernan Castedo, Engineer III (call-in) (HC)
- Jasmine Lewis, Engineer I (call-in) (JL)

*ERM*

- Matthew Scoular, Project Manager (call-in) (MS)

*CanACRE (CA)*

- John Yu, Manager, Planning and Permitting (JY)
- Ryo Kikuchi, Planner, Planning and Permitting (RK)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Project (the Project)
- Discuss Affected Peel Region Lands and Requirements
- Confirm Peel Region Road Crossing and Surplus Land Requirements and Approvals
- Confirm Water Source / Water Disposal Permit (for Hydrostatic Testing)
- Establish Point(s) of Contact for Peel Region

Topic	Discussion
Location	<ul style="list-style-type: none"> <li>• Region of Peel Headquarters – Room MR4-641 (10 Peel Centre Drive)</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Imperial's (IOL) Sarnia Products Pipeline (SPPL) Waterdown to Finch PowerPoint presentation July 2018</li> <li>• Google Earth KMZ showing proposed pipe centreline, and affected Peel Region parcels and interests</li> </ul>

Topic	Discussion
Agenda	<ul style="list-style-type: none"> <li>• Waterdown to Finch Project Overview (10 min)</li> <li>• Affected Peel Region Lands and Requirements (30 min) <ul style="list-style-type: none"> <li>▪ Road Crossings <ul style="list-style-type: none"> <li>○ Permanent Road Crossing Agreement / Permit</li> <li>○ Casing Requirements</li> </ul> </li> <li>▪ Surplus Lands, if required <ul style="list-style-type: none"> <li>○ Grant of Easement</li> <li>○ Temporary Construction Requirements</li> </ul> </li> <li>▪ Road Occupancy Permit</li> <li>▪ Entrance Permit</li> <li>▪ Excess Load Moving Permit</li> </ul> </li> <li>• Water Source / Water Disposal Permit (for Hydrostatic Testing) (10 min)</li> <li>• Point(s) of Contact (5 min) <ul style="list-style-type: none"> <li>▪ Road Crossing</li> <li>▪ Surplus Lands, if required</li> </ul> </li> <li>• Questions (5 min)</li> </ul>
Introductions	<ul style="list-style-type: none"> <li>• Participants introduced themselves.</li> </ul>
Safety Moment	<ul style="list-style-type: none"> <li>• JY provided a safety moment related to the importance of clearing snow/ice off of car mirrors, windows, and roofs in the winter, for safety.</li> </ul>
Waterdown to Finch Project Overview	<ul style="list-style-type: none"> <li>• JY advised that this is a proactive, same-for-same pipeline replacement for Imperial's existing Sarnia Products Pipeline (SPPL), as the existing pipe is over 70 years old.</li> <li>• SPPL is important infrastructure to the Greater Toronto and Hamilton Area (GTHA).</li> <li>• SPPL supplies a significant portion of refined product used at Toronto Pearson International Airport, including gasoline, diesel and jet fuel that keeps people, goods and services moving.</li> <li>• 63 km will be replaced, while the existing pipe will be deactivated and removed from service. It will be cleaned, filled with nitrogen, maintained, monitored and left in place.</li> <li>• The 12-inch line will be replaced with another 12-inch pipe. IOL will be applying for a Leave to Construct to the Ontario Energy Board (OEB) in 2019.</li> <li>• Overview of timelines: Spring 2018: project launch, routing, environmental and cultural studies; Summer/Fall 2018: Community Information Sessions in 6 municipalities; Winter/Spring 2019: LTC submission to OEB; Summer 2019: engineering design completion; Late Fall 2019: pre-construction communication. Late 2020 is the potential in-service start date.</li> <li>• BN asked whether the deactivated pipeline will be subject to OEB regulations. RT advised that it will be subject to OEB regulations.</li> <li>• BN advised that, for permanent crossings under PR's rights-of-way - IOL should locate the proposed pipeline as deep as possible, so as not to affect PR's right-of-way operations. Frequent need for daylighting the pipeline for other activities on the rights-of-way incur high costs to PR, so in order to minimize impacts, the proposed pipeline should not be installed at a shallow depth. PR suggests that the proposed pipeline should be placed at least 1 metre or 1.5 metres below the lowest underground</li> </ul>

Topic	Discussion
	<p>infrastructure, and at least 2 to 3 metres below grade. This will mitigate any potential problems in the future.</p> <ul style="list-style-type: none"> <li>BN asked whether there are any future plans to remove/abandon/decommission the deactivated pipelines. RT indicated that IOL is not abandoning the existing pipeline, but instead deactivating it, purging it, and then filling it with nitrogen. There is a chance that the deactivated pipeline may become of use in the future. BN noted that IOL would need to re-pressurize the deactivated pipeline in order to re-use it in the future.</li> </ul>
Affected Peel Region Lands and Requirements	<p><u>Crossing 1 – Erin Mills Parkway</u></p> <ul style="list-style-type: none"> <li>JY advised that the construction method at this crossing is proposed to be a horizontal direction drill (HDD), and asked if UPI could advise on the proposed depth. HC answered that the Geotechnical surveys are still ongoing, and so the data is not yet available for UPI to comment on the proposed depth at this time, but advised that generally the depth is more than 10 metres for an HDD installation.</li> <li>DD advised that water and wastewater infrastructure at this crossing is around 4 metres deep. A recent project by Metrolinx saw new ramps being installed for the Bus Rapid Transit (BRT) on top of a berm, as well as blocks installed above the water infrastructure for protection. IBI Group was the design lead on this project, and Metrolinx was the proponent. DD also advised that there are future plans to tunnel under Highway 403 for the BRT.</li> <li>JY advised that the parcel that the proposed pipe centreline crossings is owned by MTO, and is likely a designated highway parcel, where an MTO Encroachment Permit will be issued as the approval. BN agreed, but noted that the design drawings will still be supplied to Peel Region for review.</li> <li>PR noted that PUCC will need to be advised of this crossing with detailed drawings for approval. JY advised that all City of Mississauga and Peel Regional crossings will likely be submitted to the PUCC as a single package for a streamlined review.</li> </ul> <p><u>Crossing 2 – Dixie Road</u></p> <ul style="list-style-type: none"> <li>PR advised that Metrolinx recently installed a new structure for the BRT, and the proposed pipeline should not be constructed under the footings of this structure. The proposed pipeline is north of the new structure. JY advised that detailed design drawings including plan and elevation will be provided for crossings. Third-party and municipally-owned utilities within the road allowances will be shown in these drawings as well. As-built drawings, after construction, can be provided to Peel Region as well.</li> <li>JY asked if PR would like to see any other items included in the detailed design drawings. WJ advised that the separation measurement from grade to the proposed pipeline, including minimum separation distances from the pipeline to the utilities, should be included.</li> <li>DD advised that a watermain at this crossing was recently relocated to the East side of Dixie Road. PR does not have the as-built drawings; only design drawings can be provided at this time.</li> <li>DD advised there are 8-feet wide and a 5-feet wide watermain along Tomken Road, Dixie Road, and Eastgate Parkway (collectively called the “Hanlan Water Project”), but</li> </ul>

Topic	Discussion
	<p>there should not be any issues for IOL's proposed pipeline. At the intersection of Eastgate Parkway and Tomken Road, the watermain is 120-feet (approx. 40 metres) deep. All these projects were recently complete, and PR's GIS data may not show this new infrastructure.</p> <ul style="list-style-type: none"> <li>On road crossing agreements, RH and LT advised that for past projects, franchise agreements were executed for permanent road crossings, with detailed design drawings provided as part of the approval process. JY advised that PR can expect the drawings to be provided to them by the end of the year.</li> <li>JY asked if RH and LT can finalize a template road crossing agreement for IOL to begin their legal review process. LT advised that the design of the proposed pipeline will need to be reviewed first in order for PR to draft an agreement, which will allow them to incorporate the necessary items to address any future issues. RT asked whether PR has a general template document that IOL can review, especially for any indemnification and insurance language, so that IOL can begin their review beforehand. RH and LT advised the legal department will need to be consulted with on this, and can appreciate the request.</li> <li>JY asked if GIS data and any construction/as-built drawings of PR water and wastewater infrastructure can be provided. PR can provide the information that they have to CA/IOL. For the GIS data, TJ advised that UTM NAD 83 datum should be used for PR's GIS data, as opposed to the other datums used for GIS data from MTO (i.e. MTM), for example.</li> <li>JY advised, again, that drawings for all City of Mississauga-owned road crossings, in addition to the two PR owned crossings, will likely be submitted in a single package to the PUCC for review.</li> </ul>
Water Source / Water Disposal Permit	<ul style="list-style-type: none"> <li>JY advised that construction will require taking/disposing water for hydrostatic testing. Halton Region, as another upper-tier municipality in the project area, operates all storm and sanity infrastructure within the lower-tier municipalities. DD advised that stormwater drains are operated by City of Mississauga. All other water and wastewater infrastructure are operated by PR.</li> <li>DD advised that PR has a permitting process in place for taking water from hydrants. PR can sit down with IOL to discuss this in further detail.</li> </ul>
Point(s) of Contact	<ul style="list-style-type: none"> <li>CM will be the point of contact at PR.</li> <li>RK will be the point of contact at CA.</li> </ul>
Questions	<ul style="list-style-type: none"> <li>None, except those integrated into the discussions above.</li> </ul>
<b>Summary of Actions</b>	<b>Who</b>
<ul style="list-style-type: none"> <li>To consult with PR's legal department on providing a general template agreement to IOL for review.</li> </ul>	RH, LT
<ul style="list-style-type: none"> <li>To obtain all available GIS/design/as-built drawings and information for all affected Mississauga and PR roads.</li> </ul>	RK/CM

**Imperial**  
**Waterdown to Finch Pipeline Project**  
**Toronto Transit Commission (TTC)**  
**Friday, December 6, 2018, 10:00am**

**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

**TTC**

- Carmelo Tancioco, *Utilities – Planning, Design, Coordination and Agreements (CT)*
- Jerry Pimentel, *Property Manager, TYSSE Project (JP)*
- Ray Zhang, *Structural Engineer, Subway Operations (RZ)*

**Imperial (call-in) (IOL)**

- Ron Tourigny, *Senior Land Agent (RT)*

**ExxonMobil (call-in)**

- David Sirjue (DS)

**Universal Pegasus International (call-in) (UPI)**

- David Bui, *Senior Engineer I (DB)*
- Jasmine Lewis, *Engineer I (JL)*
- Hernan Castedo, *Engineer III (HC)*

**CanACRE (CA)**

- Haseeb Amirzada, *Director, Planning and Permitting (HA)*
- Eric Mark, *Team Lead, Planning and Permitting (EM)*

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Project (the Project)
- Discuss TTC Toronto-York Spadina Crossing Requirements
- Confirm TTC Permitting Requirements and Approvals

Topic	Discussion
Introductions	
Safety Moment (EM)	<ul style="list-style-type: none"> <li>• Winter Tires</li> </ul>
Waterdown to Finch Project Overview (HA)	
TTC Toronto-York Spadina Crossing Requirements	<ul style="list-style-type: none"> <li>• (CT) What will be the type of material? Coating? <ul style="list-style-type: none"> <li>○ (HC) Carbon steel 12" pipe. Coating is FBE with abrasion resistant overcoat for trenchless also referred to as dual FBE coating in Canada, X52 PSI or grade 359. Wall thickness of .469" or 11.91mm. This crossing (Keele St) will be via HDD (Horizontal Directional Drilling), not Jack and Bore</li> </ul> </li> <li>• (CT) What will be the depth and approach? <ul style="list-style-type: none"> <li>○ (HC) right now we're doing geotechnical investigations. Do you have any existing geotechnical investigations to share? We believe there is room for a 46m deep bore. When we have a better understanding of the soils, we can reconfirm.</li> </ul> </li> </ul>

- (CT) The TTC is not certain of the levelling on approach to the tunnel. We would lean to a more level approach as it crosses the whole Keele right of way.
  - (HC) You want the flat portion to be longer so it's across the full right of way?
  - (CT) Correct.
  - (HC) I believe this is doable, this shouldn't be an issue.
- (JP) Any information we could share, the caveat would be that you would need to do your own investigations
  - (CT): Appendix 1 in the Developers Guide is a non-disclosure agreement for sharing information and limitations
- (CT) Will there be dewatering?
  - (HC) Yes we are considering it, but we have no details yet
- (CT) What is the size of the pilot drill?
  - (HC) Up to 18", the size of the pipe we're pulling back
- (CT) Will you be using bentonite for the HDD?
  - (HC) That's correct
- (CT) Plan for Frac-outs?
  - (HC): We're developing a contingency plan for every complex installation of HDD, its early in the design to comment on any frac-out mitigation; this will be a field decision done by the experts. If this a concern we can follow up with the SME
  - (CT) We're trying to pre-empt the issue - if TTC Operations sees liquid coming up (out of the ground), we want precautionary measures in place
  - (DS) We'll be doing Geotech surveys and looking at those issues to feed into the HDD design plan and its mud pressures. We do have a contingency plan/spill prevention plan for that.
  - (RT) To confirm, can we send the current plan, and in future we'll send the detailed one?
  - (DS) Yes, future details will come from the contractor.
  - (CT) Will there be jet grouting where it's applicable?
  - (DS) That's part of the plan also. The spill prevention plan will have much of that info and we can send that over
- (CT) Do you have sub-surface utility mapping yet?
  - (HC) We have surveyed the project, but no pot-holing to date, just info on typical utilities
  - (HA) Survey sweeps have been done
  - (DS) Road crossing drawings will indicate all facilities that are subsurface; it's not complete but there is a large amount of that information. What utilities are of a concern?
  - (CT) All.
- (JP) You're hoping for construction to finish in late 2019?
  - (HA) No, for construction to start
  - (CT) I don't see HONI (Hydro One) in your list of stakeholders
  - (HA) 2/3 of the line, about 40km is in HONI corridor, we're in constant discussions

TTC Permitting Requirements	<ul style="list-style-type: none"> <li>• (CT) We'll have to look at the development aspect of the area for the right of way as part of the review. The development guide stipulates the two types of review: <ul style="list-style-type: none"> <li>◦ Technical</li> <li>◦ Planning: Development people on what the TTC will require: future property requirements, protection for easements/property, etc.</li> </ul> </li> <li>• (JP) Are you aware of Metrolinx Finch West? <ul style="list-style-type: none"> <li>◦ (EM) We're working with them, an information request is in</li> </ul> </li> <li>• (JP) My role is 3<sup>rd</sup> Party Manager for TYSSE subway extension project – we're handing over remaining project assets to TTC Operations, but the original timeline was to be complete last year. Finch West (station) still has capital works, it's one of the lagging ones. We're forecasting handover in Q1-2 2019. The Technical review is still with TTC Engineering, that doesn't change, it's still with CT <ul style="list-style-type: none"> <li>◦ (HA) Will it (TYSSE) affect the technical review?</li> <li>◦ (JP) No it shouldn't impact project timelines</li> <li>◦ (CT) In addition and before the handover, the subway technical group will be involved through RZ</li> <li>◦ (RZ) Bobby Ly is my manager, who you've dealt with previously</li> </ul> </li> <li>• (CT) TPUCC (Toronto Public Utilities Coordinating Committee) deals with road crossings, and that will involve RZ's group. The technical review should happen first, then RZ's circulation for the TPUCC can be a straight approval</li> </ul>
Point(s) of Contact	<ul style="list-style-type: none"> <li>• (EM) Carmelo's group will stay as the point of contact, and will circulate RZ's group</li> </ul>
Questions/ General Discussion	<ul style="list-style-type: none"> <li>• (DB) Did we get as-builts? <ul style="list-style-type: none"> <li>◦ (CT) We gave tunnel information, but not site servicing, substations, sewer and water and Enbridge connections</li> <li>◦ (JP) In some cases our contractors are working on them and can't give us a timeline on when those as-built drawings will be completed</li> <li>◦ (DB) Is there support utilities within the tunnel enclosure, or is it outside the tunnel?</li> <li>◦ (CT) Inside and outside.</li> <li>◦ (DB) Facilities or support infrastructure may be good to have</li> <li>◦ (JP) We can't promise anything but it's something that may be received and you would have to do your own due diligence</li> <li>◦ (DS) We will be very much below the tunnels so it shouldn't be a major concern, but if they're at a lower elevation than the tunnels we may need that to know how to clear that</li> <li>◦ (JP) We understand, but if we don't have it, you need to do your own due diligence. We'll share what we have, but no timeline for future availability</li> <li>◦ (CT) Subsurface mapping is very important because of utilities</li> <li>◦ (DB) We'll have to touch base on how else we can get that info.</li> </ul> </li> <li>• (DB) Are the tunnels active? Is there any more work? <ul style="list-style-type: none"> <li>◦ (JP) The tunnels are fully functional</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ (DB) We want to minimize any impact to people or goods or services. To do studies, there will be impacts, we don't want to do that</li> <li>• (RZ) What is the service life of the new pipeline? <ul style="list-style-type: none"> <li>○ (DB) As long as it's maintained, there is no life expectancy. The material are very much improved and the design specifications are very conservative. It will be cathodically protected, it's just a matter of maintaining and taking care of it.</li> </ul> </li> <li>• (DS) It's designed for 50+ years – the thickness is more than the old one, it has FBE protection, the HDD will have additional FBE called ARO</li> <li>• (CT) Appendix 3 is Monitoring Requirements – this will be a level 5-6 because of the complexity of going under the tunnel – submittals are indicated and include land surveys and associated submittals</li> <li>• (CT) The next steps since all of this is preliminary – submit for a technical review. Section 7 of the Developers Guide stipulates requirements for that, to get the ball rolling. Fill out the form, we can tell you exactly which levels are applicable – we'll back to you for formal requirements</li> <li>• (HA) Does the technical review come back as an Agreement? <ul style="list-style-type: none"> <li>○ (CT) After reviews, there will be an Agreement send to the City that the TTC approves based on a Planning perspective for properties. There is no signing directly with the TTC.</li> <li>○ (CT) A Construction Agreement will need IOL and TTC signatures, which includes insurance, indemnity, standard stuff</li> <li>○ (JP) We can send you examples of Crossing Agreements</li> <li>○ (CT) Fees are based on the level of review, minimum 5 or 6, see Table 4.1. This can be confirmed as soon as we receive the form.</li> </ul> </li> <li>• (HA) Is there an approximate timeline? <ul style="list-style-type: none"> <li>○ (DS) We can prioritize this crossing drawing for submission purposes</li> <li>○ (CT) first round review should be 4-6 weeks</li> </ul> </li> <li>• (JP) Submit as soon as you can because there will be multiple rounds of commenting</li> </ul>
Summary of Actions	Who
<ul style="list-style-type: none"> <li>• Confirm if the TTC has geotechnical and utilities information available to share with IOL</li> </ul>	TTC (JP)
<ul style="list-style-type: none"> <li>• Provide IOL's Spill Prevention/Contingency Plan to TTC</li> </ul>	UPI (DS)
<ul style="list-style-type: none"> <li>• Provide IOL with example TTC Crossing Agreement(s)</li> </ul>	TTC (JP)

**Imperial**  
**Waterdown to Finch Pipeline Project**  
**City of Toronto**

**Friday, December 14, 2018, 11:00am**

**Meeting Summary Notes**

*\*Please note that these meeting notes provide a summary of the discussion; however, these are not detailed minutes of the meeting. While we have endeavored to document the main points, some discussion items may not be included.*

**Participants**

*City of Toronto (CT)*

- Doodnauth Sharma, Senior Project Manager, Major Capital Infrastructure Coordination (DS)
- Ishan Dasgupta, Property Officer, Real Estate Services (ID)
- Joseph Sergnese, Project Manager, Real Estate Services (JS)
- Luigi Nicolucci, Right of Way Management, Transportation Services (LN)
- Lawrence Shintani, Toronto Water (LS)

*CanACRE (CA)*

- Haseeb Amirzada, Director, Planning and Permitting (HA)
- Eric Mark, Team Lead, Planning and Permitting (EM)

*Universal Pegasus International (call-in) (UPI)*

- David Bui, Senior Engineer I (DB)
- Hernan Castedo, Engineer IV (HC)

*Stantec Consulting (call-in) (SC)*

- Adam Hatch, Project Manager Geotechnical Engineering (AH)

*ERM Group Inc. (call-in) (ERM)*

- Matt Scoular (MS)
- Brenda Kennett (BK)

**Meeting Objectives**

- Describe Imperial's Waterdown to Finch Project
- Discuss survey access submissions (archaeology, Geotech, and vegetation surveys) and any current City comments
- Discuss land crossings submission
- Confirm process for future access and crossing/lands submissions and approvals

Topic	Discussion
Introductions	
Materials	<ul style="list-style-type: none"> <li>• Imperial Waterdown to Finch SPPL Overview Presentation</li> </ul>
Safety Moment (EM)	<ul style="list-style-type: none"> <li>• Importance of winter tires</li> </ul>
Waterdown to Finch Project General Overview (HA)	<ul style="list-style-type: none"> <li>• LN asked if the existing line will be monitored, and how. <ul style="list-style-type: none"> <li>○ HC confirmed that the existing line will be idled and treated as if it still has flowing product. It will be filled with nitrogen and maintained like an active line.</li> <li>○ LN asked if there will be any monitoring wells</li> <li>○ HA confirmed that there will be geotechnical-related monitoring wells at certain locations. AH confirmed that the proposed borehole #96 will not require a well to be installed.</li> </ul> </li> <li>• DS asked from which end of the pipeline construction will be starting.</li> </ul>

	<ul style="list-style-type: none"> <li>○ HA confirmed that construction phasing has not yet been determined</li> <li>○ HC outlined a high-level plan with two mainline spreads and six HDD crews: <ol style="list-style-type: none"> <li>1. Agricultural land focus, west of Mississauga</li> <li>2. Urban areas, all within the hydro corridor</li> </ol> </li> <li>• LN asked at what depth the pipe would be. <ul style="list-style-type: none"> <li>○ HC explained that open cut sections of the pipe would all be at 1.2m or deeper</li> </ul> </li> <li>• LS asked if IOL will be maintaining the old pipeline forever, why bother replacing it? <ul style="list-style-type: none"> <li>○ HA explained that pipeline pressure capacity would decline with age and will not be able to meet future demand, but that there is the possibility of reactivating the pipeline if needed, though there are no plans to do so at this time.</li> <li>○ HC confirmed that this project is a proactive replacement</li> </ul> </li> </ul>
Survey Access Submission	<ul style="list-style-type: none"> <li>• HA noted that CanACRE has made progress with the City's Parks &amp; Recreation Department, but not much with other divisions, and that the hope is to get everyone else on board at this meeting</li> <li>• ID asked what the purposes of CanACRE's Lands Submission and Tenant Submission are. <ul style="list-style-type: none"> <li>○ EM explained that the Lands Submission is to gain preliminary division feedback on property-specific concerns that could impact pipeline construction or routing, such as City construction or sensitive assets, and that the Tenant Submission is to get the City's written approval, and not a specific permit/agreement, for hydro corridor lands where investigative surveys are proposed and the City has tenancies on at least a portion of the parcel.</li> <li>○ ID confirmed he has pulled a list of the relevant divisions and will be discussing the submissions with them.</li> <li>○ HA asked to confirm if providing the City with PINs is enough information for a submission, and ID agreed.</li> </ul> </li> <li>• LS asked if there are any Toronto Water pipes that will be within Parks Access Agreements (PAA) areas, as the Parks &amp; Recreation Department likely wouldn't have known about these assets <ul style="list-style-type: none"> <li>○ HA confirmed that crews did locates and sweeps within PAA areas</li> <li>○ EM confirmed that the PAA is only being used for survey access, and that the permanent pipeline crossing will likely be handled via Real Estate Services and involving Toronto Water, to which ID agreed.</li> </ul> </li> <li>• ID confirmed that Real Estate's Legal team is drafting an agreement for survey access (likely an omnibus agreement), and that he will provide them with an idea of the scope to develop a draft. ID asked if there was a prioritization for the parcels included in the survey access request. <ul style="list-style-type: none"> <li>○ MS confirmed that archaeology work needed to be completed within the next few weeks before the ground freezes, and that vegetation surveys will be completed next spring, summer, and fall. Specific 2019 plans for Toronto surveys have not been developed yet.</li> <li>○ AH confirmed that the geotechnical work will proceed through the winter.</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ HA confirmed that spring is now the earliest access for archaeology and vegetation surveys, and that geotechnical access/approvals should be the focus for the time being.</li> <li>• ID confirmed that Parks &amp; Rec and the TTC hold most of the tenancies submitted by CanACRE. <ul style="list-style-type: none"> <li>○ EM confirmed that Parks &amp; Rec has not been reached out to for their tenancies</li> <li>○ ID confirmed he will consult with Parks &amp; Rec for tenancy approvals</li> <li>○ ID confirmed agreements will wait until survey timing details are received from CanACRE</li> <li>○ HA mentioned it would be good if IOL's legal team could review any agreements in advance of confirming timing/term.</li> </ul> </li> <li>• LN confirmed that any monitoring wells within the municipal right of way will need involvement by the environmental group for Ministry of Environment requirements, and that any info is more useful sooner rather than later</li> </ul>
Land Crossing Submission	<ul style="list-style-type: none"> <li>• DS asked if CanACRE has consulted with DMOG (Digital Map Owners Group) for infrastructure and as-built information. <ul style="list-style-type: none"> <li>○ HA confirmed that DMOG has not been consulted. DS committed to provide the relevant contact information.</li> <li>○ LS suggested that another source of information is TWAG (Toronto Water Asset Geodatabase) for an inventory of watermains and sewers. DS committed to provide the relevant contact information.</li> </ul> </li> <li>• EM emphasized that any City comments on the Lands Submission would feed into crossing drawings developed sometime in early Q1 2019.</li> <li>• DS asked if there will be any bridge/above ground crossings. <ul style="list-style-type: none"> <li>○ HC confirmed that there are no plans for any installations other than underground via open cut or trenchless drilling</li> </ul> </li> <li>• DB confirmed that the only time the pipeline will be above-ground is at existing valve sites used for line control, which are already access-controlled.</li> <li>• LN requested that the road component of the Land Submission be sent to his group for review. <ul style="list-style-type: none"> <li>○ ID confirmed he will circulated the land component</li> </ul> </li> <li>• LS inquired if City easements have been identified. <ul style="list-style-type: none"> <li>○ HA confirmed that these would have been identified in surveys and included in geotechnical submissions. The permanent crossings submission (next year) will include more details</li> </ul> </li> <li>• LS asked what the general offset distances will be, and if RoW (Right of Way) Management has standard processes and criteria. <ul style="list-style-type: none"> <li>○ DS confirmed he has contact information for RoW Management</li> <li>○ LS confirmed that the pipeline should abide by the Municipal Consent Requirements (MCR) even for non-right of way infrastructure</li> <li>○ LN confirmed that road depth requirements depend on what utilities are directly beneath, that Section 7.43 of the Municipal Code may apply, and that he will</li> </ul> </li> </ul>

	<p>provide additional info. LN confirmed that any work within the right of way is reviewed by RoW Management</p> <ul style="list-style-type: none"> <li>○ HA confirmed that CanACRE has been dealing with all third-party utilities directly</li> </ul>
Process for Future Submissions and Approvals	<ul style="list-style-type: none"> <li>• HA asked if any expected permits or approvals will require Council or Committee approval <ul style="list-style-type: none"> <li>○ JS confirmed that the value of the property in question dictates whether staff have delegated authority. Any easements or properties of significant value will need a Council bylaw. This has yet to be determined.</li> </ul> </li> <li>• DS asked if there is an existing Municipal Access Agreement in effect. <ul style="list-style-type: none"> <li>○ EM will investigate, and DS will discuss with Legal Services for current templates</li> </ul> </li> <li>• LS asked when the original pipe dates to. <ul style="list-style-type: none"> <li>○ HA confirmed the original pipeline dates to the 1950s.</li> <li>○ LS confirmed a Toronto Water agreement is only needed for Toronto Water pipe relocations, which would require PWIC (Public Works and Infrastructure Committee) approval and a Master Access Agreement. Municipal Consent Requirements apply for general crossing of the right of way, and Real Estate Services would handle any other proposals.</li> </ul> </li> <li>• EM asked if the City would consider dedicating staff to the project for extra fees. <ul style="list-style-type: none"> <li>○ ID confirmed he will investigate</li> <li>○ DS commented that this project should be achievable based on existing City resources</li> </ul> </li> <li>• HA asked if any Real Estate Services template agreements are available to send. <ul style="list-style-type: none"> <li>○ ID confirmed the template Consent to Enter form can be forwarded.</li> <li>○ HA reiterated that as many documents from Real Estate Services' legal team as possible would be helpful, for advance review.</li> </ul> </li> <li>• DS suggested an additional in-person meeting in Q1 2019 is a possibility if needed.</li> </ul>
<b>Summary of Actions</b>	
• Provide DMOG (Digital Map Owners Group) contact information	DS
• Provide TWAG (Toronto Water Asset Geodatabase) contact information	DS
• Provide Real Estate Services with survey timing details	EM
• Provide template agreements for IOL legal review	ID
• Send road element of Land Submission to RoW (Right of Way) Management for review	EM
• Provide contact for RoW clearance requirements	DS
• Confirm clearance requirements within municipal RoW, and any requirements under Municipal Code Sec 7.43	LN
• Confirm if there is an existing Municipal Access Agreement for the current SPPL	EM
• Confirm availability of current Municipal Access Agreement template or requirements	DS

<ul style="list-style-type: none"><li>• Confirm if dedicating staff to the project is a possibility, for additional fees</li></ul>	ID
<ul style="list-style-type: none"><li>• Provide template Consent to Enter form/agreement for Imperial legal review</li></ul>	ID
<ul style="list-style-type: none"><li>• Send PINs and mapping imagery for geotechnical equipment crossing submission to Toronto Water</li></ul>	EM

**RE: Imperial Pipeline Replacement Project Waterdown to Finch**

Malone, Jessie M [jessie.m.malone@esso.ca]

**Sent:** Thursday, February 14, 2019 2:05 PM**To:** Roger Goulet [rjgoulet1@gmail.com]**Cc:** Thiessen, Corinne E [corinne.e.thiessen@esso.ca]

Roger,

I hope you are doing well. We have compiled responses to your questions below as well as provided a link to the FTP website where the Environmental Report (ER) is available for download. The ER was submitted as part of the Leave to Construct pre-application filing to the OEB on February 1<sup>st</sup>. Imperial anticipates filing the full Leave to Construct application for the Waterdown to Finch Project in the next few weeks.

**1. Pipeline Depth:**

The depth of the pipeline will vary depending on which installation method is used (i.e., trenched or trenchless). The minimum depth of installation will be 1.2 metres (trenched) and will be greater using trenchless methods. Bores are typically 2 metres in depth and horizontal directional drills vary in depth from 10 to 50 metres.

There may be areas in which the trenched construction of the pipeline will encounter bedrock, in which case the bedrock will be excavated to achieve the designed burial depth. The trenchless construction is expected to encounter and will drill through bedrock in many areas.

**2. Trenching:**

The time frame that a particular location of a pipeline trench is open is dependent on many factors, with an estimated range of 15 to 30 days. Soil compaction and, if needed, trench breakers such as sandbags, foam or compacted clay can be installed in the trench to control potential water flow.

**3. Monitoring of PSWs and salamander breeding ponds:**

Imperial remains actively engaged with the Ministry of Natural Resources and Forestry (MNRF) regarding Project activities that may occur within and adjacent to Jefferson Salamander Regulated Habitat, and any monitoring that will be required before and during construction. Many of the areas identified as Jefferson Salamander Regulated Habitat will be avoided by constructing the pipeline using trenchless methods. Further, within proximity to the areas identified as Jefferson Salamander Regulated Habitat, construction will occur in the late fall or winter (contingent on permit approvals) to avoid potential impacts on individuals.

Impacts on water levels in many PSWs will be avoided by constructing the pipeline using trenchless methods. Permits will be obtained from the respective Conservation Authorities for work that may affect wetlands, and Imperial will complete all required monitoring.

**4. Permit to Take Water:**

Imperial will prepare and implement a Water Management Plan that will include management and contingency measures to avoid or minimize effects on surface water and groundwater. Imperial has consulted with the Ministry of the Environment, Conservation and Parks (MECP) and a Water Taking Permit will be required and obtained for the Project.

**5. Jefferson Salamander Regulated Habitat:**

Construction will be required within Jefferson Salamander Regulated Habitat, however there will be no direct impact on known vernal pool breeding areas. Construction within these areas will occur during the late fall or winter (contingent on permit approvals) to avoid disruption of Jefferson Salamander breeding.

**6. Proximity to Enbridge:**

Typically, the Imperial pipeline will be 15 to 20 metres from the Enbridge pipeline within the Niagara Escarpment. Imperial is in communication with Enbridge regarding the Project.

## 7. **Temporary Workspace and Deactivation:**

Typically, the work area for trenched construction will be 25 metres, and the endpoints of trenchless construction (entry and exit areas) will require additional workspace ranging from 15 to 35 metres wide and 30 to 60 metres long. The temporary workspace will vary based on the method of construction. Refer to the Environmental Report, particularly Appendix A for typical drawings.

Deactivation of the existing pipeline will take place after the new pipeline is safely installed and in service. An application and a schedule for the deactivation will be developed.

## 8. **Niagara Escarpment / Mount Nemo Plateau:**

Construction within these areas is planned for the late fall or winter (contingent on permit approvals).

## 9. **Natural Heritage Areas:**

Natural heritage features are discussed in Section 4.3 of the Environmental Report, and mitigation measures to be implemented to avoid or minimize the potential negative effects of the Project on natural heritage features, functions and their protected species are discussed in Section 5.3 of the Environmental Report.

## 10. **Grindstone Creek Headwaters Complex PSW:**

Environmental Report Appendix D: Environmental Features Map and an earlier version of this map provided to PERL by Imperial, is based on Ontario's Land Information (LIO) dataset. Imperial has confirmed with the MNRF that the LIO dataset identifies the wetlands around the Mount Nemo Tributary 2 as being a component of the Grindstone Creek Headwaters Complex Provincially Significant Wetland (PSW). The pipeline crossing of Mount Nemo Tributary 2 is planned for trenchless construction. The riparian wetlands crossed by the Project around Mount Nemo Tributary 1 are not identified as PSW in the LIO dataset, and the MNRF has confirmed that the mapping used in the Environmental Report, which is based on the LIO dataset, is accurate. The pipeline crossing of Mount Nemo Tributary 1 is planned for trenched construction.

## 11. **Mount Nemo Trib 2A & Species at Risk:**

The bore method to be used to cross Mount Nemo Trib 2A (8+000) is conventional, by which pits are excavated on each side of the crossing to accommodate the boring equipment, then a hole is bored between the pits and the pipeline is pulled through the bored hole. If necessary, the pits will be protected with shoring.

Imperial has and continues to consult with the MNRF regarding compliance with the Ontario Endangered Species Act during construction of the Project. Imperial will implement mitigation measures to avoid or minimize effects on Species at Risk and Regulated Habitat (refer to Section 4.3.4 and 5.3.4 of the Environmental Report), and maintain compliance with the Endangered Species Act.

## 12. **Horizontal Direction Drill:**

There may be areas in which the trenchless construction is expected to encounter bedrock, although it is not known at this time if this will include limestone rock formations. Geotechnical investigations are ongoing to determine the bedrock formations and to design the depth of the horizontal drills and other trenchless construction methods.

## 13. **Drilling Fluids:**

During trenchless construction of the pipeline, fresh water from municipal sources and a non-hazardous drilling additive (typically bentonite clay) will be used.

## 14. **Niagara Escarpment Development Permit:**

Imperial consulted with the Niagara Escarpment Commission (NEC) and a Development Permit is required for the Project. Imperial will prepare a Development Permit application and submit it to the NEC for review and approval prior to commencing Project construction in the Niagara Escarpment Planning Area.

The Sarnia Products Pipeline is important infrastructure that provides products used by households and businesses across the Greater Toronto and Hamilton Area. This proactive replacement will support the continued safe and reliable supply of

the fuels that keep people, goods and services moving throughout our region. Imperial has the same concerns as people everywhere – how to provide the world with the energy it needs while reducing greenhouse gas emissions. We are committed to positive action on climate change and dedicated to reducing the risk in the most efficient way for society. Please visit [imperialoil.ca/climatechange](http://imperialoil.ca/climatechange) to learn more.

We appreciate your interest in the Waterdown to Finch Project, and welcome any further questions and comments. Please let us know when you are available and we would be happy to coordinate a meeting with our project team at your earliest convenience.

**Link to Environmental Report:**URL: <https://onyx.erm.com>

Username: 0460600-0005-0003

Password: 22786P7z

Regards,

**Jessie Malone, P.Eng**

Environmental and Regulatory Advisor

Safety Security Health and Environment, Imperial

505 Quarry Park Blvd. SE, Calgary, AB T2C 5N1 | P1C.194

[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca) P 587.476.4799 | C. 403.826.5491[imperialoil.ca](http://imperialoil.ca) | [Twitter](#) | [YouTube](#)

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**From:** Roger Goulet [mailto:[rjgoulet1@gmail.com](mailto:rjgoulet1@gmail.com)]**Sent:** Thursday, January 17, 2019 12:44 PM**To:** Malone, Jessie M <[jessie.m.malone@esso.ca](mailto:jessie.m.malone@esso.ca)>; Thiessen, Corinne E <[corinne.e.thiessen@esso.ca](mailto:corinne.e.thiessen@esso.ca)>**Subject:** Imperial Pipeline Replacement Project Waterdown to Finch

Dear Jessie Malone,  
Imperial Oil Canada,

Thank you for keeping the lines of communication with the community open.  
Please see attached Word document with a number of preliminary questions we respectfully ask that Imperial respond to at earliest date.

We do want to get a copy of the pre-application Environmental Report.

Once we have both of these, and had time to review, we would be interested in meeting with Imperial to discuss these and other areas of concern with the proposed Imperial pipeline project through the environmentally sensitive Lake Medad and Mount Nemo Plateau, part of the Niagara Escarpment in north Burlington.

Yours truly,  
Roger Goulet  
Protecting Escarpment Rural Land (PERL)

Imperial's Sarnia Products Pipeline

# Waterdown to Finch Project



# Safety and reliability: pipeline replacement from Waterdown to Finch

Imperial's Sarnia Products Pipeline is important infrastructure that provides fuels used by households and businesses across the Greater Toronto and Hamilton Area (GTHA). This includes a significant portion of jet fuel for Toronto Pearson International Airport, as well as gasoline and diesel fuel that keeps people, goods and services moving throughout our region.

Operating safely in the region for many years, Imperial is planning to replace approximately 63 kilometres of the line with new pipe. This section runs from Imperial's Waterdown pump station in rural Hamilton to the company's terminal storage facility in Toronto's North York area.

## **Project highlights**

### **Working within the existing pipeline corridor:**

Most replacement work will take place in close vicinity to the pipeline.

### **Completing the Waterdown to Finch Project:**

Environmental and cultural assessments commenced in the spring of 2018. Subject to provincial regulatory reviews and receiving all permits, Imperial expects to start construction in 2019. The existing pipeline will continue to operate reliably until the Waterdown to Finch Project is complete.

**Following a thorough regulatory process:** Imperial will seek approval for a Leave to Construct from the Ontario Energy Board. This includes a thorough assessment of the project's environmental effects and engagement with landowners, communities and Indigenous groups.

**Informing community members:** Imperial is committed to meaningful community, government and Indigenous engagement throughout the duration of the project.

**Protecting our local environment:** Imperial works to ensure the highest standards of environmental safety are observed every day. During the replacement process, Imperial will continue to work with government and regulators to protect our local environment.

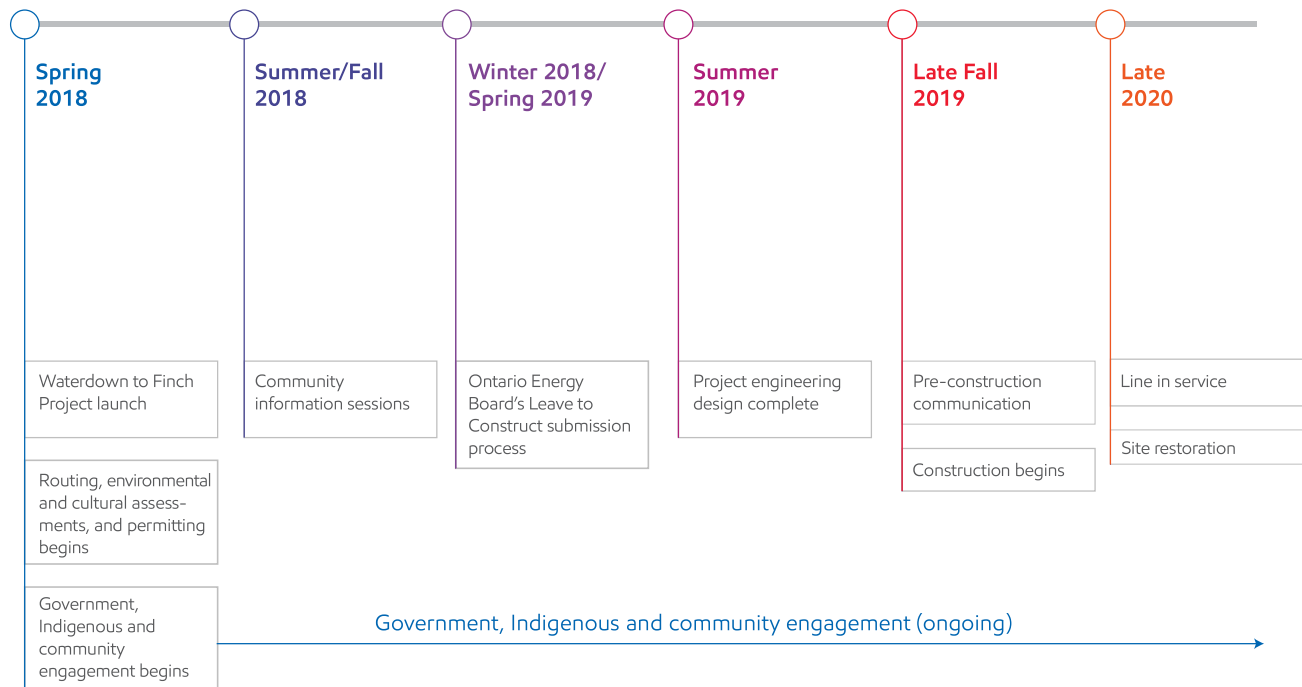
**Keeping local traffic moving:** Imperial will work closely with municipalities and residents so the impacts on traffic are as limited as possible.

**Creating jobs here in Ontario:** Imperial employs approximately 1,200 employees and up to 3,500 contractors per day in Ontario. Imperial is looking to work with local contractors and business services, including from Indigenous groups, throughout the life of the project.

## Waterdown to Finch Project location



## Work timeline\*



\* Timeline is subject to regulatory and permitting approvals

# Land, regulatory and permitting approvals

Imperial will respect all landowners' property and will seek to minimize disruptions. Imperial also recognizes the importance of collaboration with local Indigenous groups when conducting activities on their traditional territories.

Before work begins, Imperial will engage with landowners regarding access to our easements on their property. Concurrently, we will engage with Indigenous groups to understand interests and opportunities to further collaborate in the region.

In addition to landowner access and Indigenous collaborations, Imperial will require regulatory approval, permits or project approvals from the following entities listed in alphabetical order:

## Federal

- Environment and Climate Change Canada
- Fisheries and Oceans Canada
- Transport Canada

## Provincial

- Infrastructure Ontario
- Niagara Escarpment Commission
- Ontario Energy Board, and the Ontario Pipeline Coordinating Committee
- Ontario Ministry of Agriculture, Food and Rural Affairs
- Ontario Ministry of the Environment, Conservation and Parks
- Ontario Ministry of Indigenous Affairs
- Ontario Ministry of Natural Resources and Forestry
- Ontario Ministry of Tourism, Culture and Sport
- Ontario Ministry of Transportation

## Conservation Authorities

- Conservation Halton
- Credit Valley Conservation Authority
- Hamilton Conservation Authority
- Toronto and Region Conservation Authority

## Municipalities/Regions

- City of Burlington
- City of Hamilton
- City of Mississauga
- City of Toronto
- Region of Halton
- Region of Peel
- Town of Milton
- Town of Oakville

## Other

- Technical Standards and Safety Authority



# Minimizing construction impacts

Imperial is working carefully with the regulator and different levels of government to plan the Waterdown to Finch Project so that construction impacts are as limited as possible.

## Routing, environmental assessments and permitting

- Engineers and environmental surveyors work together to identify a pipeline route that minimizes impact to the environment and surrounding community.
- Engineering, Indigenous technicians and environmental experts work to understand the soil, below ground conditions, vegetation, species, archaeologically sensitive sites, water crossings and environmentally sensitive areas.
- These reports will be reviewed and approved by permitting and regulatory authorities before construction begins.

## Preparing for construction

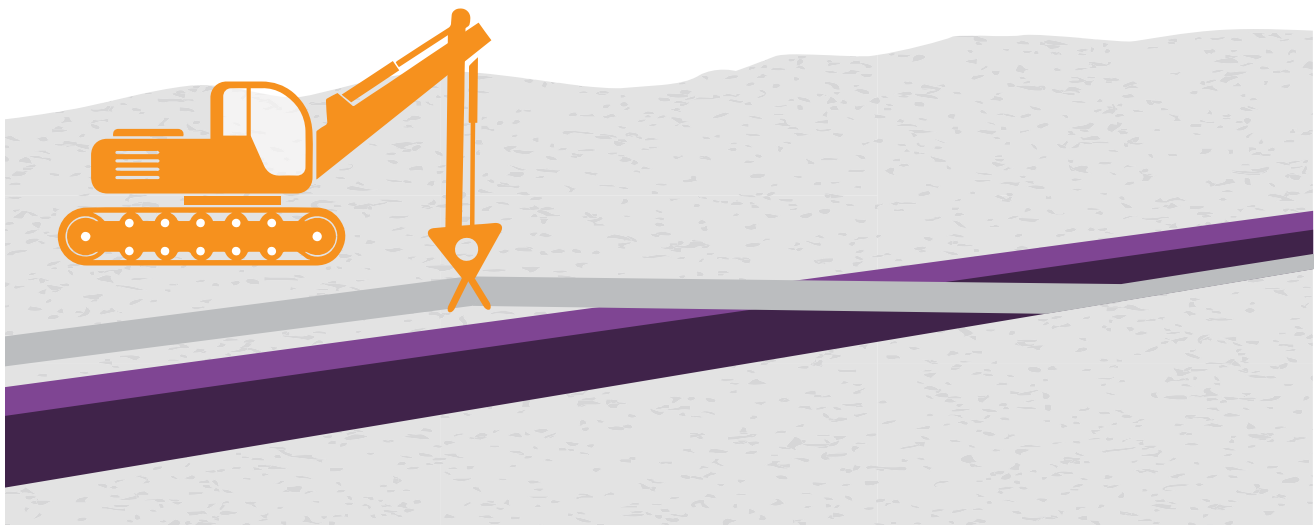
- After the engineering design plan is confirmed, multiple teams along the pipeline will mobilize for construction.
- The pipeline route will be cleared and temporary workspaces, including safety barricades, will be installed.

## Construction methods

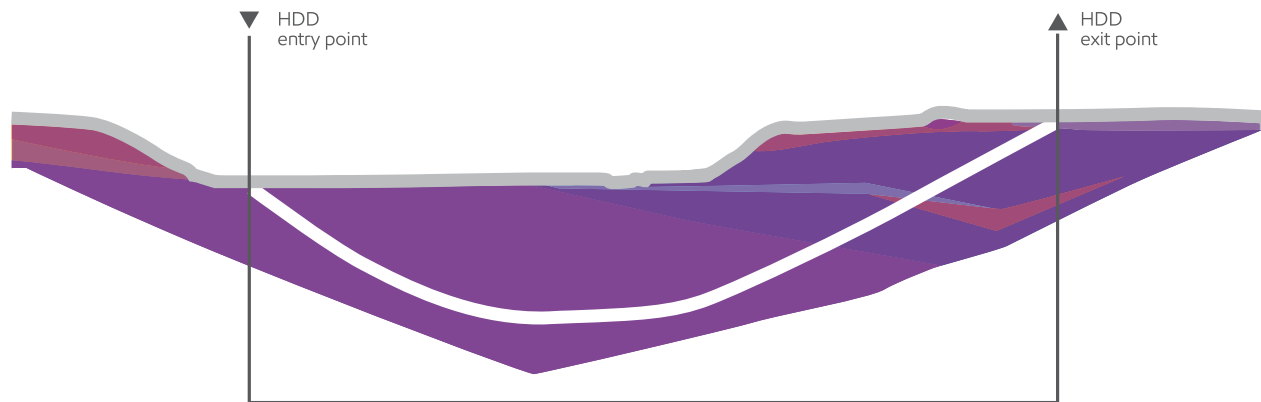
1. Open cut construction
2. Trenchless technology

Based on the engineering and environmental surveys, Imperial will perform one of two construction techniques:

### 1. Open cut construction



## 2. Trenchless technology



### 1. Open cut construction

Open cut construction is the fastest method for pipeline installation.

- Lay and bend the pipe to match contours of the land.
- Weld, test and inspect the pipe.
- Lower pipe into the trench and cover it for protection.

### 2. Trenchless technology

A horizontal directional drill (HDD) is a method of installing underground pipe using a drilling rig at the surface level. It is best used at sensitive areas, or in dense residential or commercial areas.

- Drill a hole along a designed directional path.
- Enlarge the pilot hole to a diameter suitable for installation of the pipeline.
- Pull the pipeline back into the enlarged hole.

### Commissioning/activating the new line

- The new pipeline will ultimately be connected and tied into Imperial's Waterdown Station and Finch Terminal.
- The pipeline's integrity is inspected by a hydrostatic pressure test. Once the pipe is cleaned and dried, it can be slowly filled with diesel, gasoline or jet fuel.

### Deactivation of current line

- The deactivated pipe will be removed from service, cleaned, filled with nitrogen (like what we put in our car tires), and left in place.
- Deactivation is undertaken to reduce environmental impacts (soil stability, slope stabilization and settlement issues), avoid short and long-term community construction impacts and minimize safety risk for other pipelines sharing the right-of-way.
- Imperial deactivates pipeline segments in accordance with industry best practices (Canadian Standards Association's Oil and Gas Pipeline Systems Code) and provincial regulations (*Technical Standards and Safety Act*).
- Imperial is responsible for paying for the maintenance and monitoring of this segment of deactivated pipeline.
- Imperial remains responsible for ongoing monitoring, line identification and crossing management of the deactivated line.

# Our commitment to community engagement and the environment

We appreciate the patience of our neighbours, Indigenous groups and community members as we work to enhance the long-term safety and reliability of our existing operations.

## Community engagement

In order to minimize the impact of disruption, we look to local residents to help inform solutions.

During the project period, community members will have several ways to receive information and ask questions:

- [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)
- Email: [questions@imperialon.ca](mailto:questions@imperialon.ca)
- Telephone: 416.586.1915
- Community information sessions
- Construction notices will be delivered to landowners and adjacent landowners a minimum of two weeks before activity begins
- Ongoing information sharing

## Protecting the local environment

- Every day, our employees work hard to safely supply fuel to keep cars, trucks and planes in our province moving.
- Our Sarnia and Nanticoke refineries play a critical role in meeting Ontario's energy needs. Since 1990, refinery sector greenhouse gas emissions in Ontario have been reduced by 32 per cent.

- In the last five years, we have spent approximately \$1.1 billion at Nanticoke and Sarnia to improve the reliability and safety of our operations.
- Sarnia and Nanticoke both achieved a number of best-ever safety and environmental performance in 2016 and 2017.
- We remain committed to operating our facilities in an environmentally responsible manner and in compliance with provincial regulations.



# Our proactive protection and preventative maintenance program

We attribute our record of safe and reliable operations to our preventative maintenance and proactive pipeline inspection programs.

We work closely with independent pipeline regulators and government permitting authorities to ensure our facilities comply with all applicable laws and regulations.

## **Focused on safety**

- Imperial's safety performance is among the best in the Canadian energy industry.
- Imperial conducts routine and frequent aerial and daily ground monitoring of the pipeline path.
- Imperial's emergency response plan prioritizes the protection of people and the environment.
- The emergency response team in Ontario is highly trained, appropriately resourced and ready to respond quickly in the unlikely event of a pipeline emergency.

## **Monitored 24 hours a day, 365 days a year**

- Our pipelines are monitored around the clock.
- Skilled workers in a dedicated control centre with access to monitoring tools can remotely shut down the pipeline and dispatch local workers to inspect the pipeline.

## **Pipeline protection measures**

- Imperial uses protected steel pipe that is coated to safeguard against external corrosion.
- Cathodic protection, a technique that uses low-voltage electric currents to curb corrosion, works with the coating to protect the pipe from external elements.
- The pipe is buried below ground to protect it from damage.
- Valves are strategically placed along the pipeline path to allow sections of the pipeline to be closed off as needed.
- Automated valves can automatically close if they sense an unexpected pressure drop or be remotely controlled by the operations centre.

## **Using innovative technologies and assessment methods**

- Industry-leading inspection tools confirm both internal and external characteristics of the steel to identify and prioritize repairs.
- Imperial will use the inspection findings to determine where a pipeline dig and visual inspection are necessary, which informs maintenance and any additional work, such as replacing a section of the pipeline.

# Imperial in Ontario: supporting economic growth

As an integrated products company, at Imperial we explore for, produce, refine and market products essential to society.

We are Canada's largest refiner, producing over 400 kilo barrels per day (kbd).

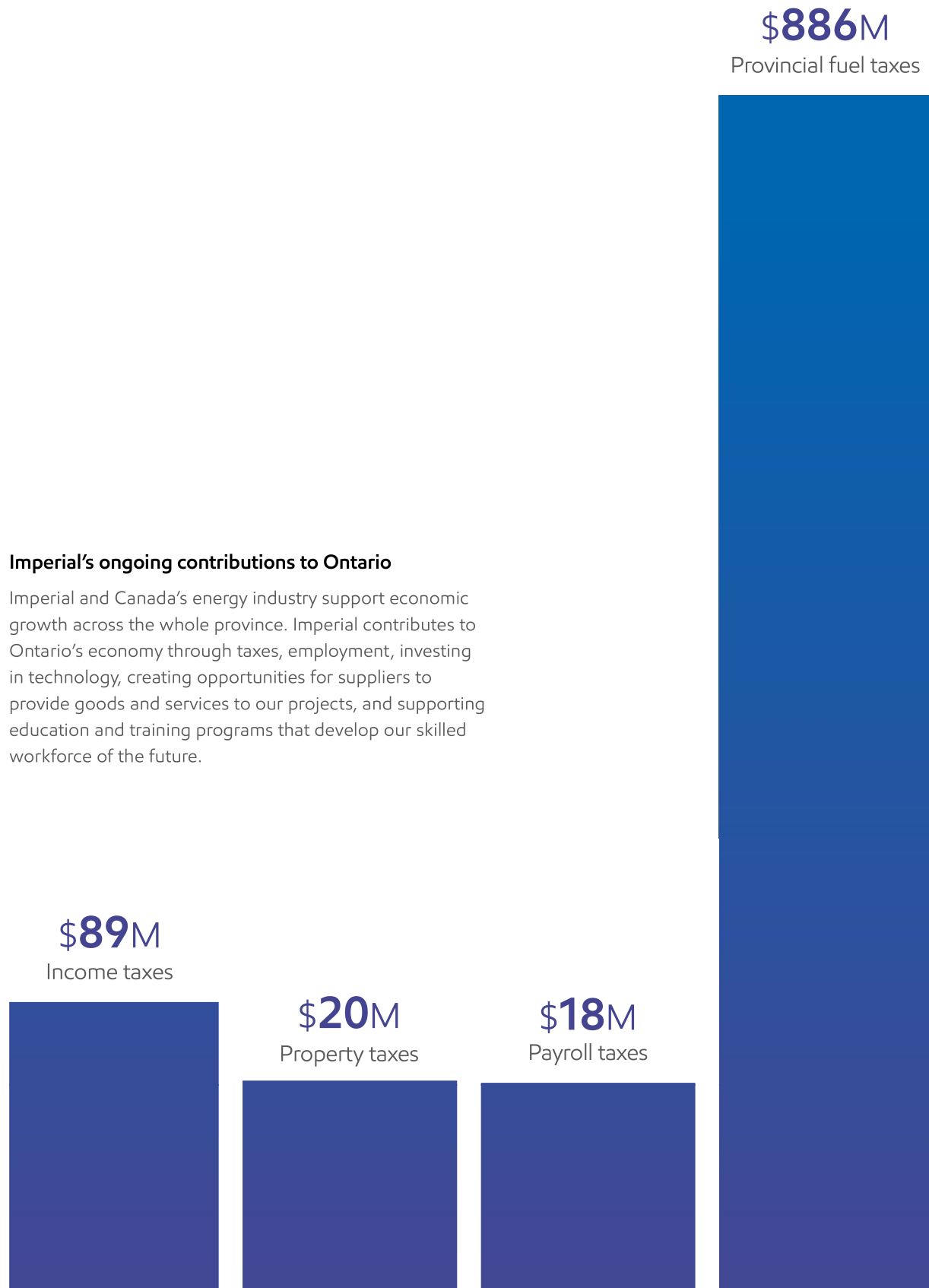
**Founded in Ontario:** As Canada's largest refiner of petroleum products, we have more than 130 years of providing Canadians with reliable energy, while supporting our economy and protecting the environment.

**Supporting Ontario households:** Imperial employs approximately 1,200 employees and up to 3,500 contractors a day in Ontario.

**Major capital projects:** Imperial continues to invest in Ontario with more than \$750 million at our two refineries in Sarnia and Nanticoke. Investments include environmental improvements, energy conservation projects, clean fuel facilities and infrastructure improvements.

**Research and development in Ontario:** Over the past decade, Imperial has invested more than \$300 million in research and development in the province.





#### Imperial's ongoing contributions to Ontario

Imperial and Canada's energy industry support economic growth across the whole province. Imperial contributes to Ontario's economy through taxes, employment, investing in technology, creating opportunities for suppliers to provide goods and services to our projects, and supporting education and training programs that develop our skilled workforce of the future.

Based on 2016 contributions

Source: Business Council of Canada 2016 Total Tax Contribution Survey.

We want to hear from you  
T: 416.586.1915  
E: [questions@imperialon.ca](mailto:questions@imperialon.ca)

**[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)**



Waterdown to Finch General Inquiries  
[questions@imperialon.ca](mailto:questions@imperialon.ca)  
416.586.1915

# IMPERIAL'S SARNIA PRODUCTS PIPELINE WATERDOWN TO FINCH PROJECT

## NOTICE OF STUDY COMMENCEMENT AND INFORMATION SESSIONS

### Description of Project:

Imperial's Sarnia Products Pipeline provides gasoline, diesel and jet fuel for households and businesses across the Greater Toronto and Hamilton Area. To support continued safety and reliability, Imperial plans to replace approximately 63-kilometres of pipeline between Imperial's Waterdown pump station and the company's terminal in Toronto's North York. Imperial will replace the 12-inch pipeline with a 12-inch pipeline.

Imperial wants to share project details and answer questions at our community information sessions in the summer and fall of 2018.

### The Process:

Imperial has commenced the environmental and route planning study process in accordance with the requirements of the Ontario Energy Board's Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario. The study will analyze pipeline routing, describe the natural and social components of the environment, outline safety measures, and include proposed mitigation and monitoring measures.

In addition to working with the regulatory bodies and different levels of government on technical, safety and environmental approvals, Imperial is engaging with the Ontario Pipeline Coordinating Committee, which is comprised of government agencies that have a role in the review of the project. Results from the study, including the preparation of the Environmental Report and an Indigenous Consultation Report, will be filed with the Ontario Energy Board as part of Imperial's leave to construction application in 2019.

### Study Area:



## Information Sessions:

We look forward to sharing project details, explaining the planning process and seeking feedback on the routing analysis and environmental studies. Community information sessions between Waterdown and Finch (Burlington, Hamilton, Milton, Mississauga, Oakville and Toronto) are scheduled for the following dates. A second set of information sessions will be scheduled in the fall of 2018.

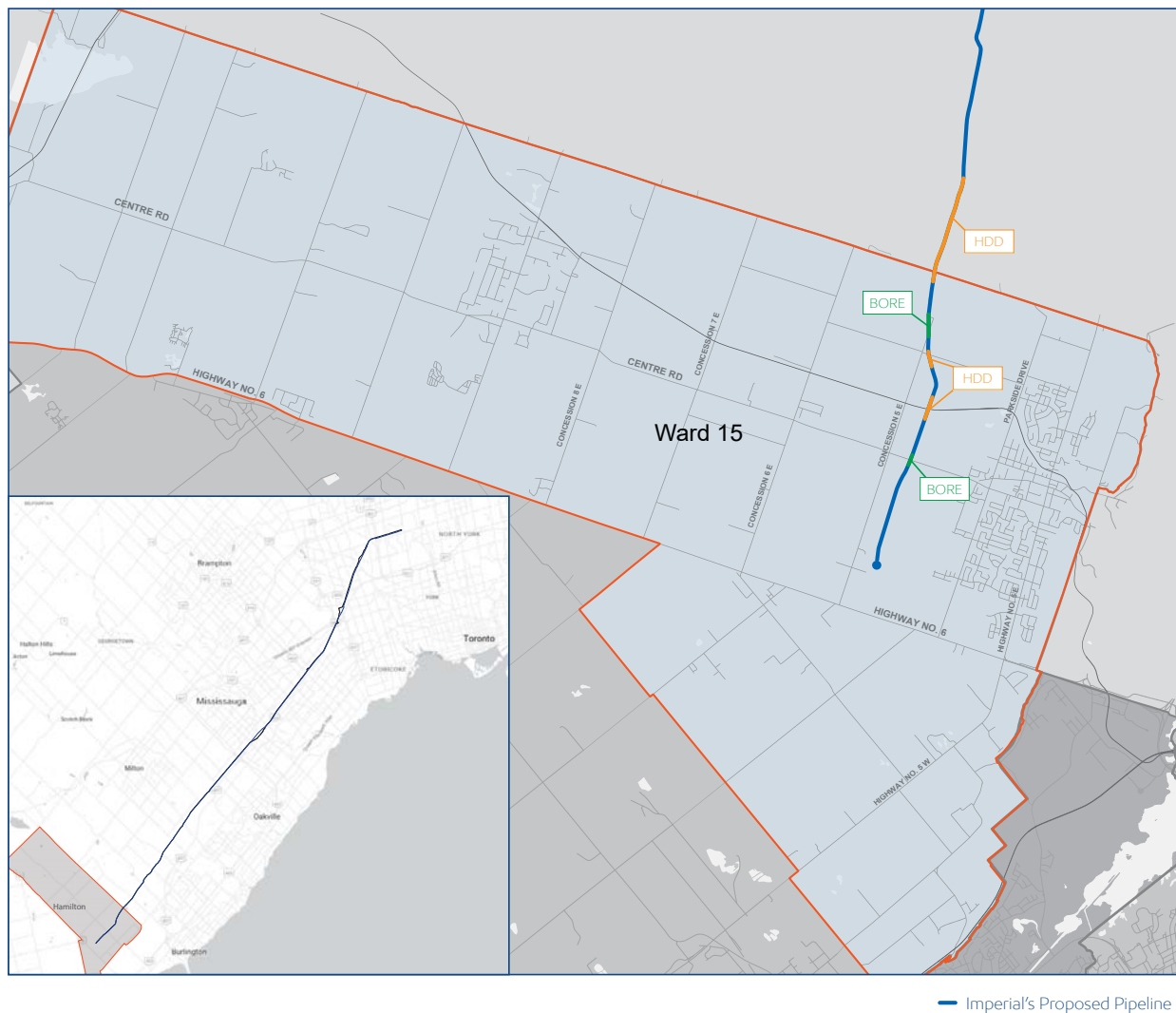
Municipality	Session Date	Times	Location
<b>Oakville</b>	Monday, July 16	6:00 - 8:00 PM	River Oaks Community Centre - Meeting Room B 2400 Sixth Line, Oakville, ON
<b>Mississauga</b>	Tuesday, July 17	3:00 - 4:00 and 6:00 - 7:30 PM	Living Arts Centre – Bank of Montreal Room 4141 Living Arts Drive, Mississauga, ON
<b>Toronto</b>	Wednesday, July 18	3:00 - 4:00 and 6:00 - 7:30 PM	Royal Canadian Legion Branch 286 – Main Hall 11 Irwin Road, Toronto, ON
<b>Burlington</b>	Tuesday, July 24	5:00 - 7:30 PM	Haber Community Centre – Haber Community Room 2 3040 Tim Dobbie Drive, Burlington, ON
<b>Milton</b>	Wednesday, July 25	4:30 - 5:30 and 6:00 - 7:30 PM	Milton Town Hall – Milton Room 150 Mary Street, Milton, ON
<b>Hamilton</b>	Thursday, July 26	3:00 - 4:00 and 5:00 - 7:30 PM	St. Thomas the Apostle Church – Hall (Parish Centre) 715 Centre Road, Waterdown, ON

For those who cannot attend, we invite you to review materials, ask questions and share comments at:

[Imperialoil.ca/waterdowntofinch](http://Imperialoil.ca/waterdowntofinch)  
416.586.1915  
[questions@imperialon.ca](mailto:questions@imperialon.ca)

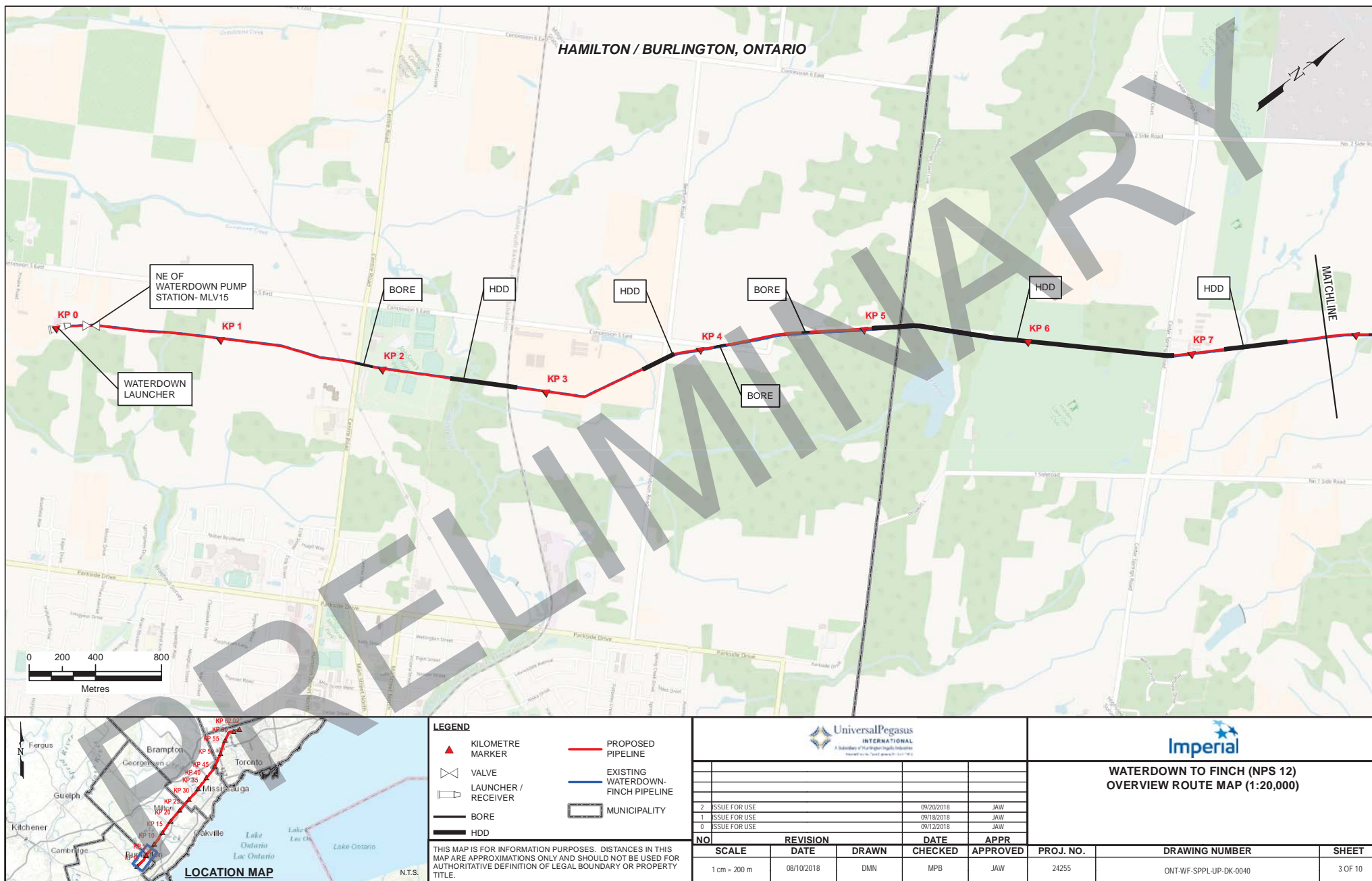
# Imperial's Waterdown to Finch Project location

## City of Hamilton



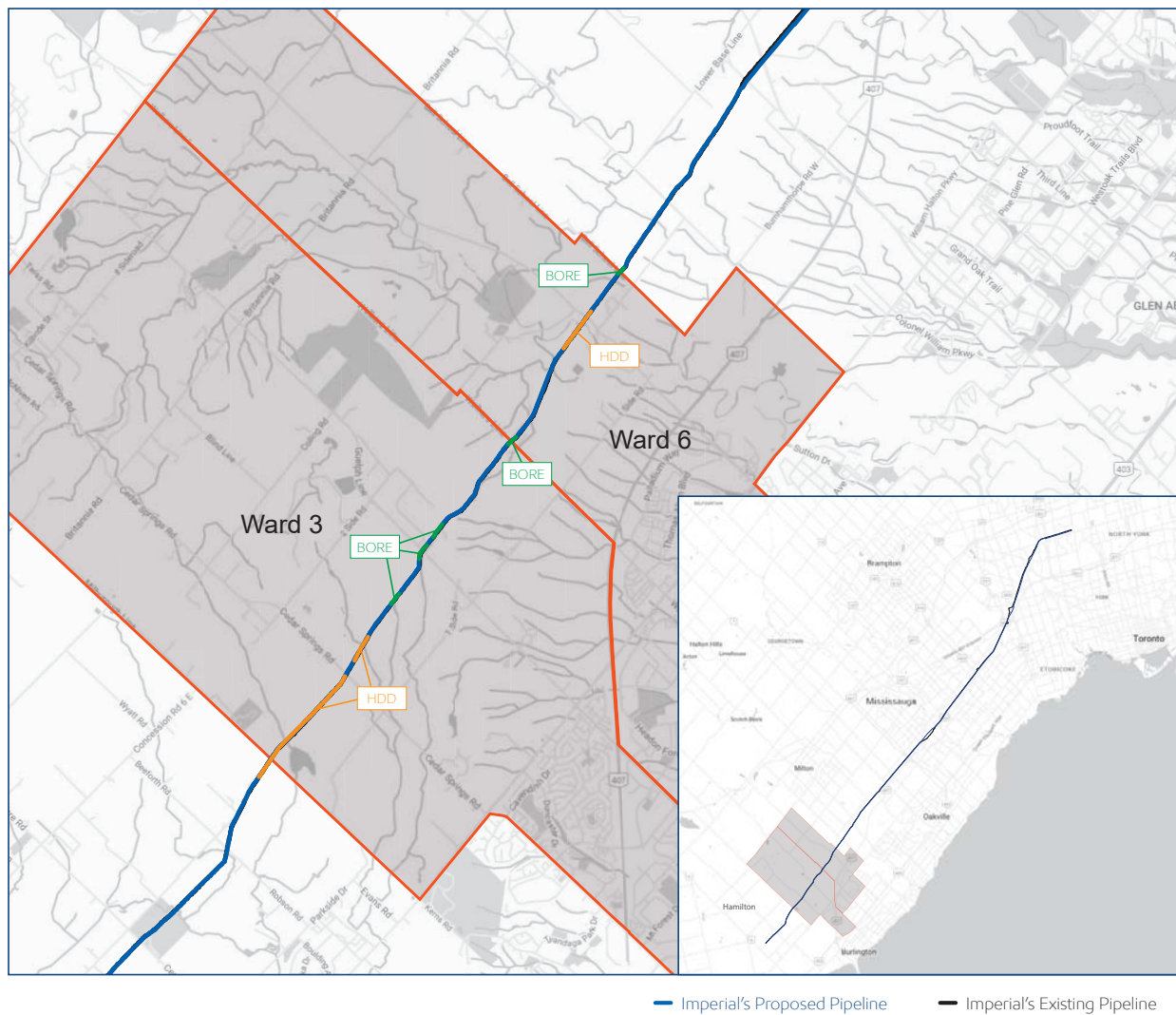
\*Please note: in this area the new line will be in close vicinity to the existing pipeline route.

EXHIBIT H  
 Record of Consultation - Supporting Documents



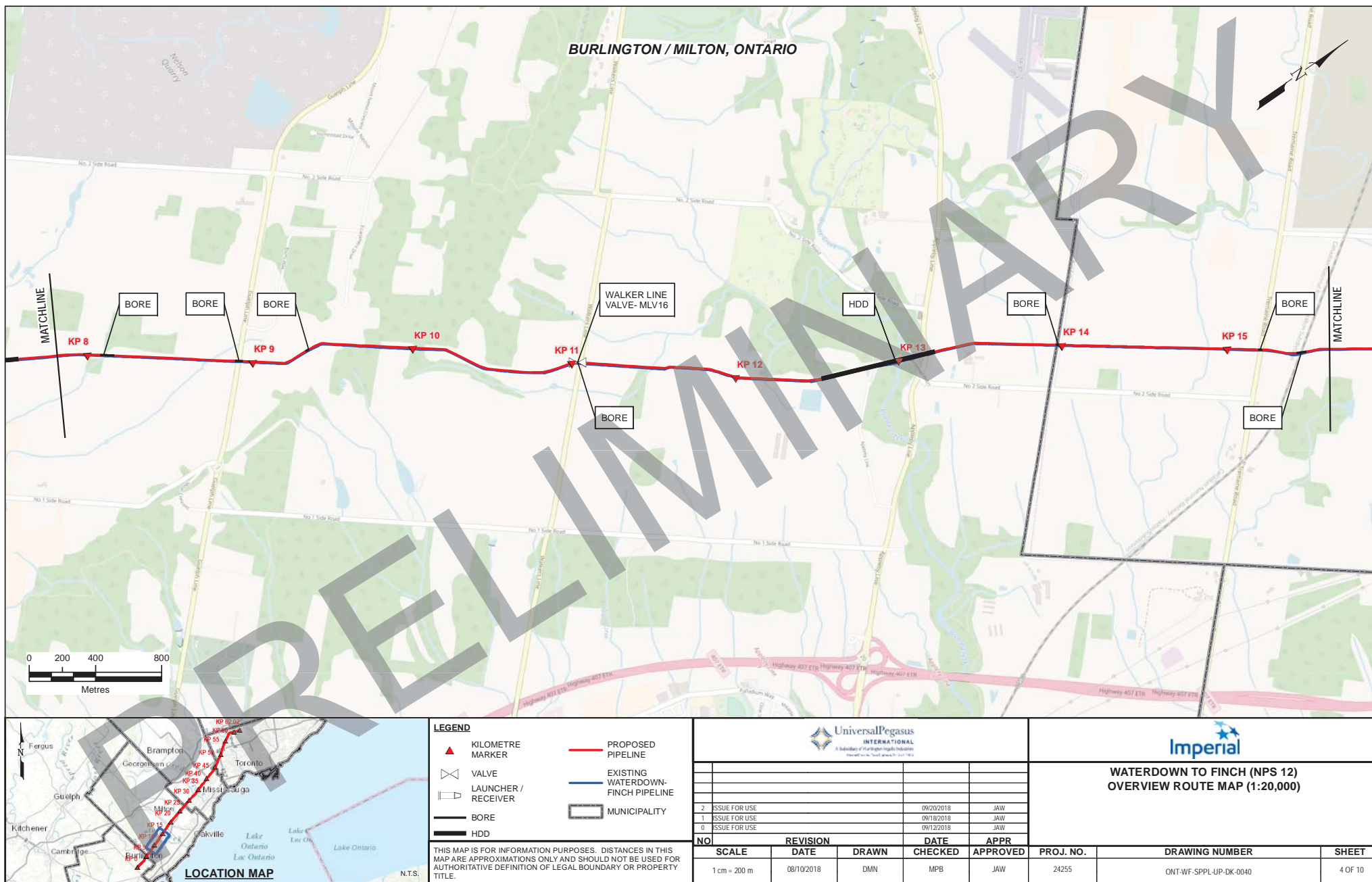
# Imperial's Waterdown to Finch Project location

## City of Burlington



\*Please note: in this area the new line will be in close vicinity to the existing pipeline route.

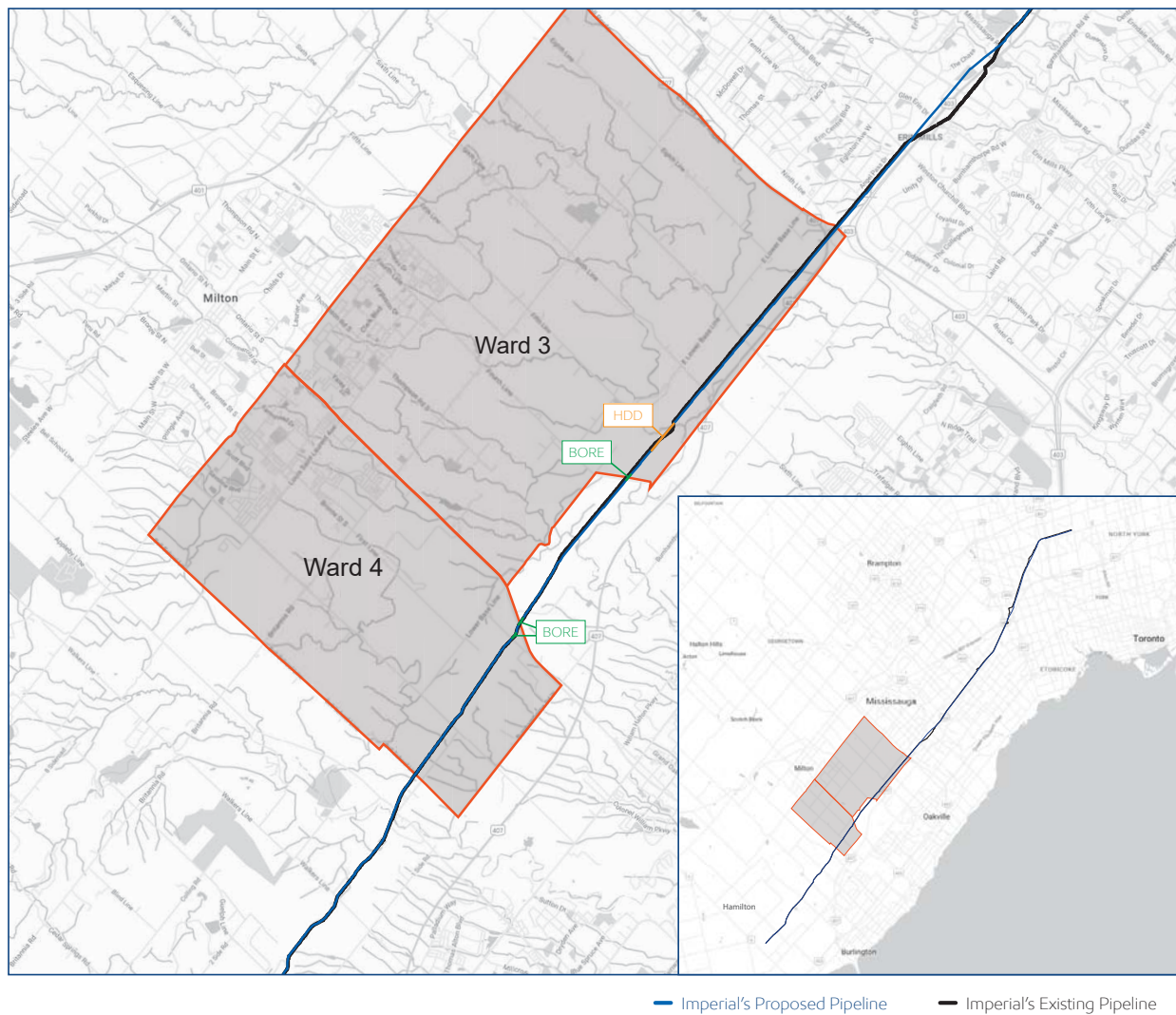
EXHIBIT H  
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# Imperial's Waterdown to Finch Project location

## Town of Milton



\*Please note: in this area the new line will be in close vicinity to the existing pipeline route.

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Record of Consultation - Supporting Documents

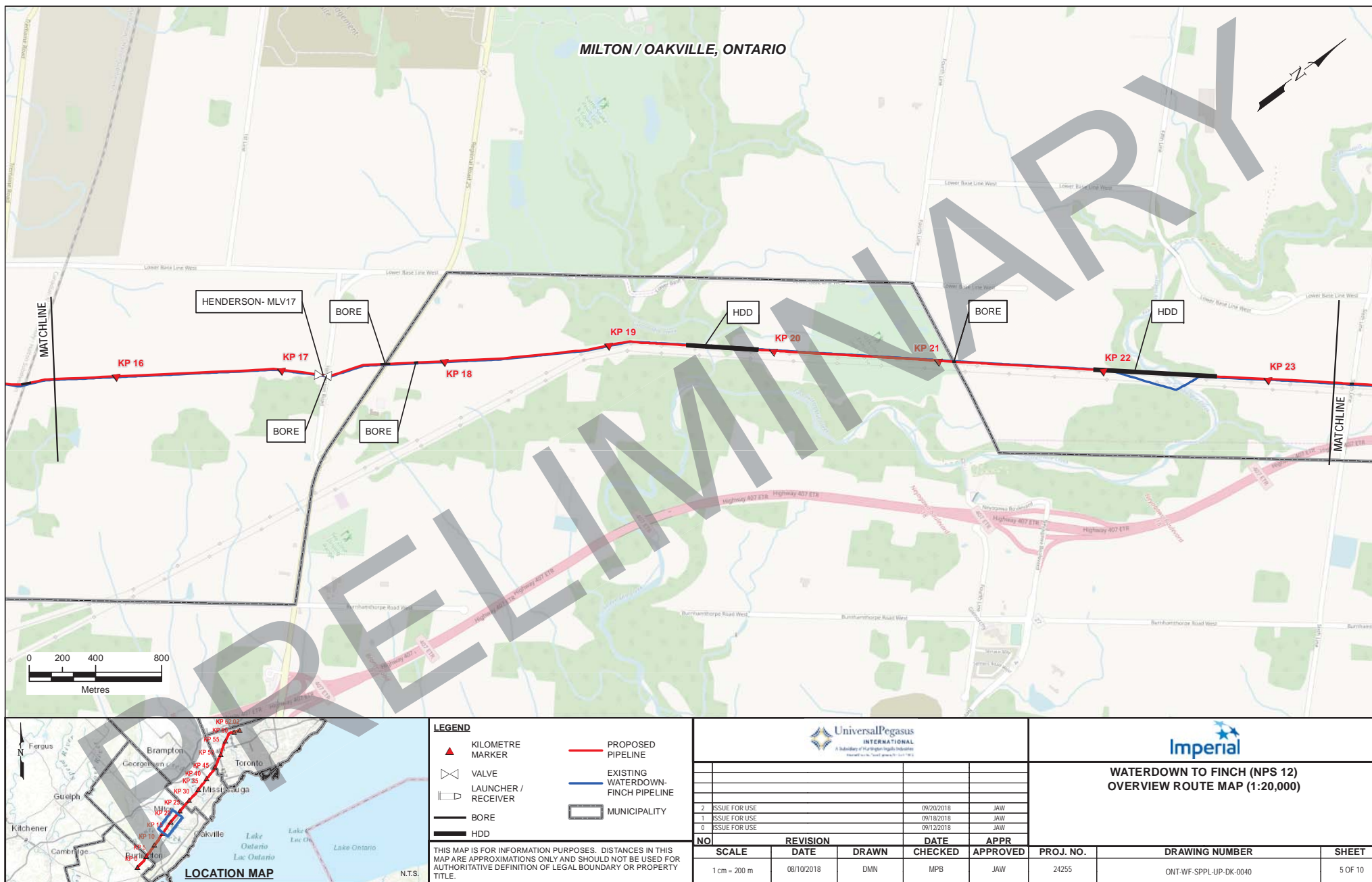
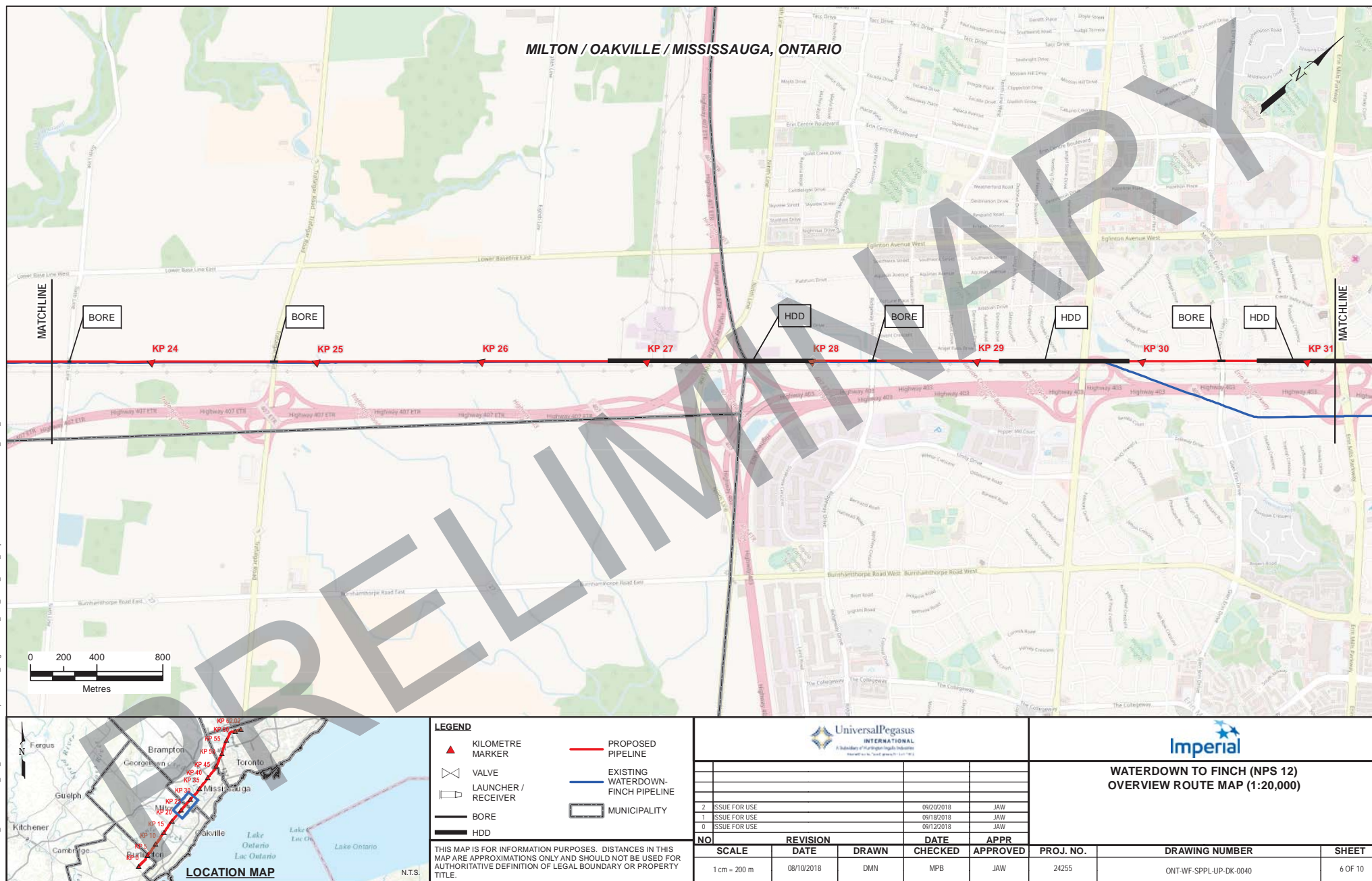
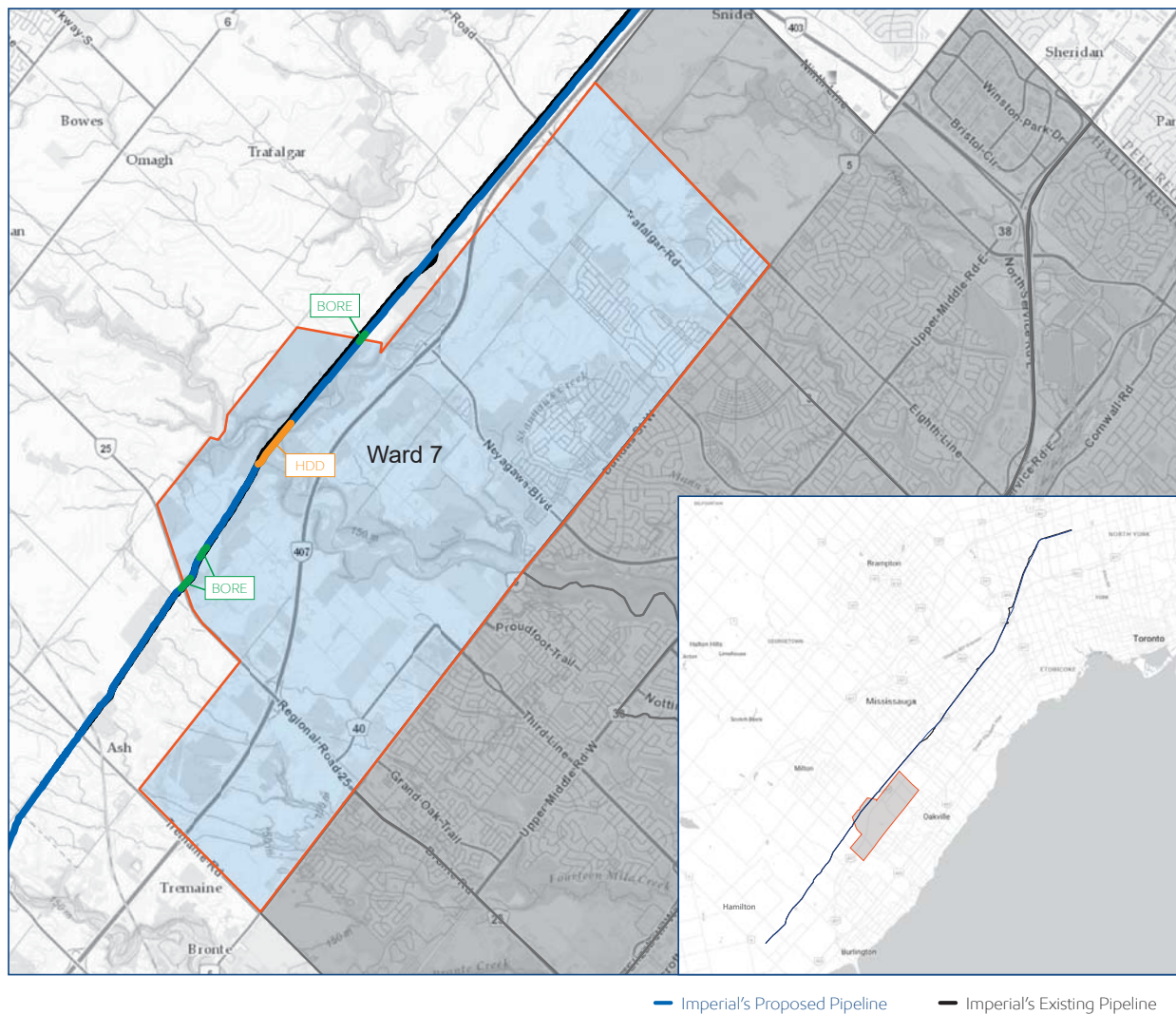


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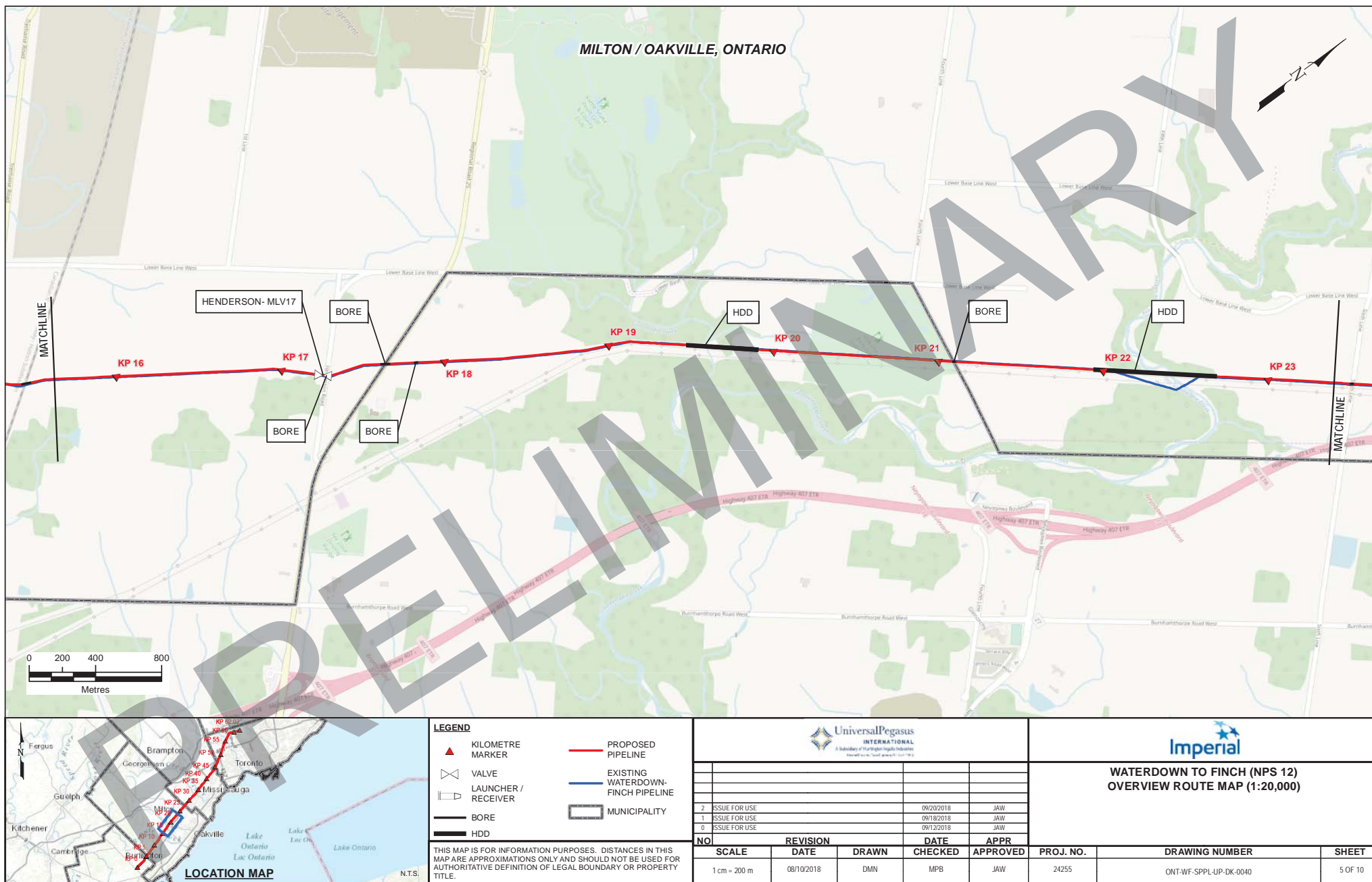
# Imperial's Waterdown to Finch Project location

## Town of Oakville



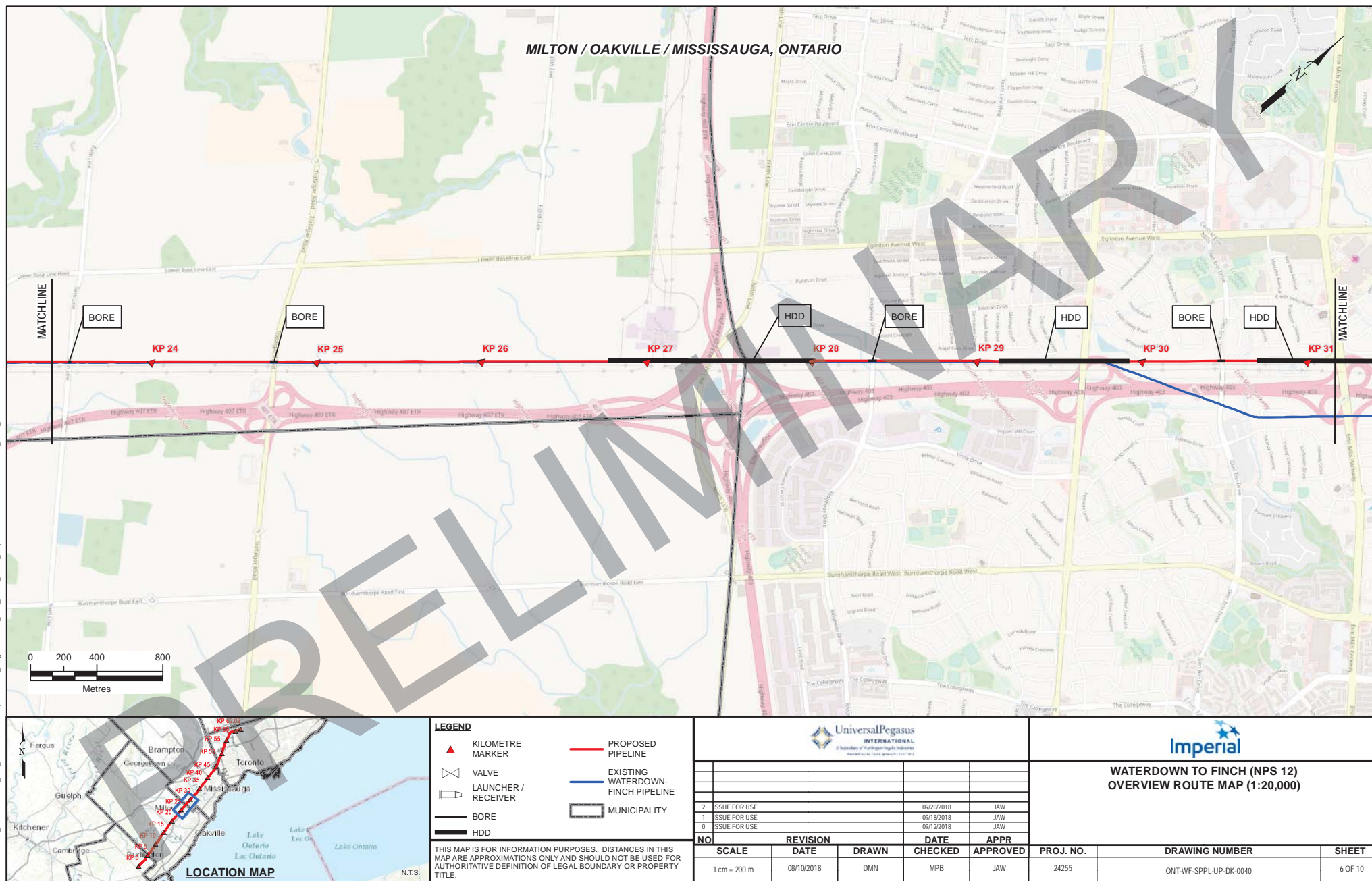
\*Please note: in this area the new line will be in close vicinity to the existing pipeline route.

EXHIBIT H  
 Record of Consultation - Supporting Documents



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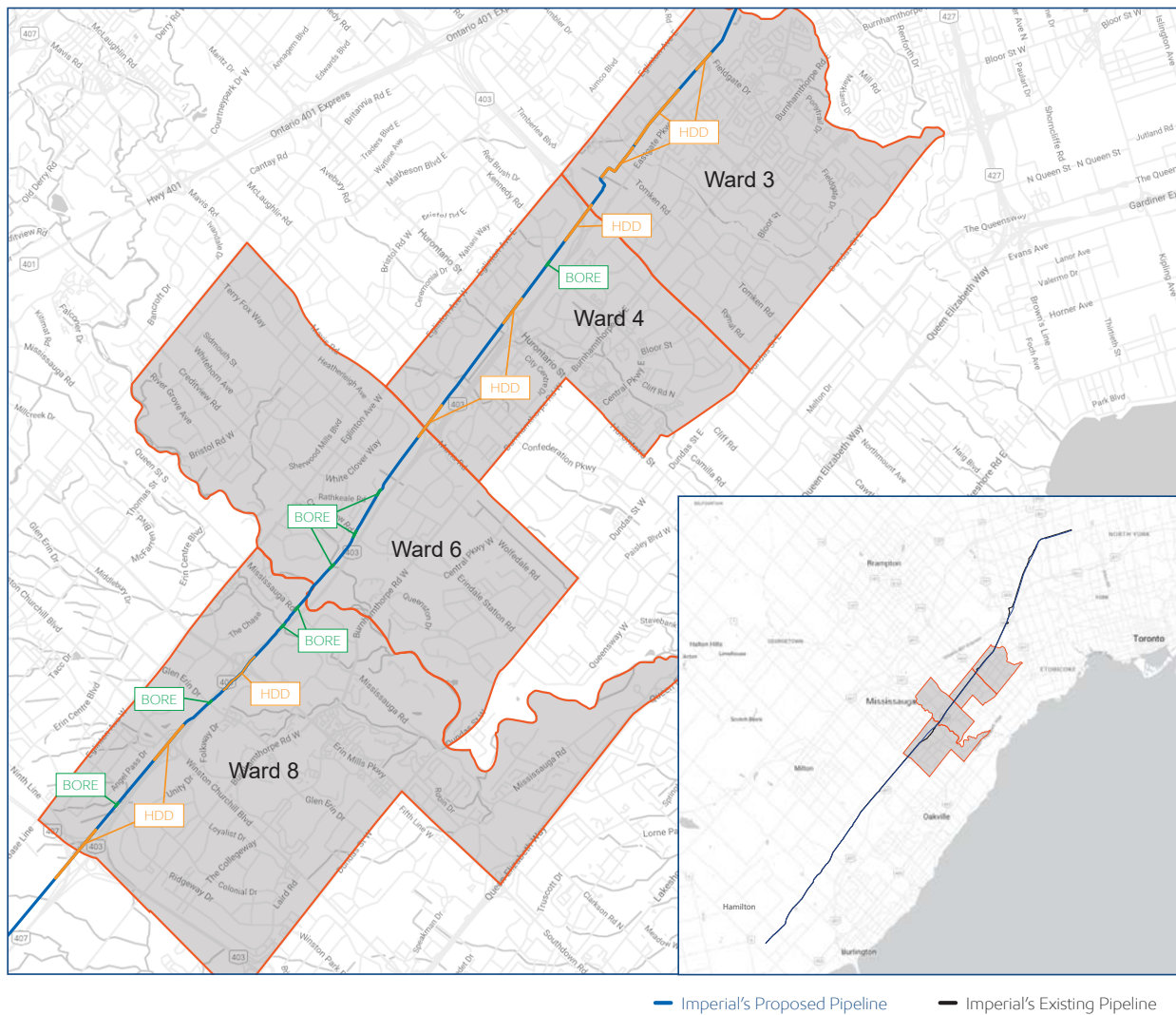
EXHIBIT H  
Record of Consultation - Supporting Documents





# Imperial's Waterdown to Finch Project location

## City of Mississauga



\*Please note: in this area the new line will be in close vicinity to the existing pipeline route.

EXHIBIT H  
 Record of Consultation - Supporting Documents

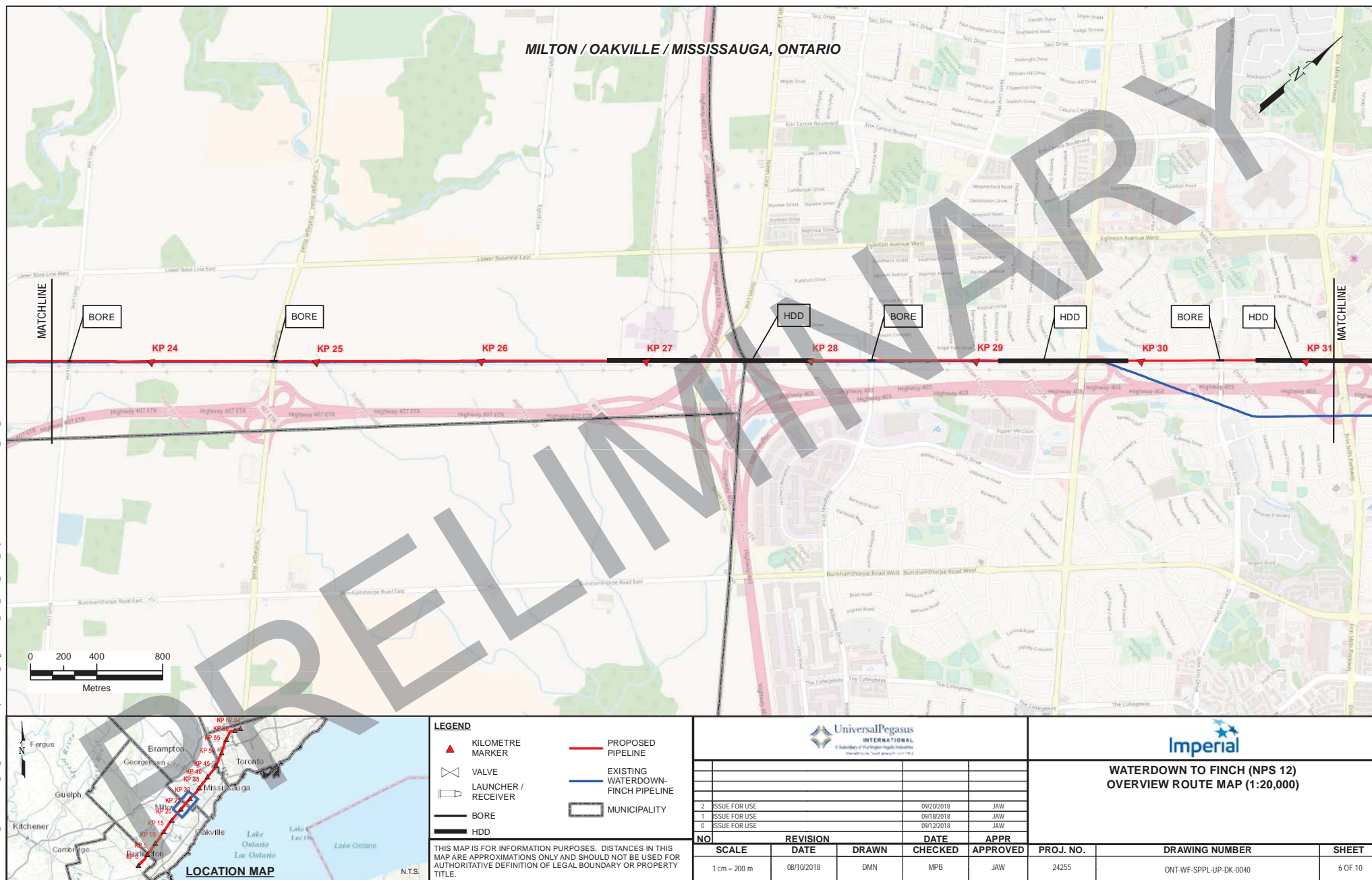
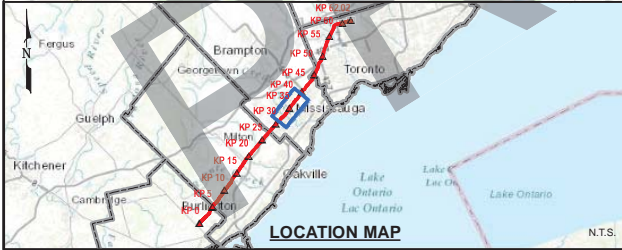


EXHIBIT H  
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LEGEND			
	KILOMETRE MARKER		PROPOSED PIPELINE
	VALVE		EXISTING WATERDOWN-FINCH PIPELINE
	LAUNCHER / RECEIVER		MUNICIPALITY
	BORE		
	HDD		
THIS MAP IS FOR INFORMATION PURPOSES. DISTANCES IN THIS MAP ARE APPROXIMATIONS ONLY AND SHOULD NOT BE USED FOR AUTHORITATIVE DEFINITION OF LEGAL BOUNDARY OR PROPERTY TITLE.			
WATERDOWN TO FINCH (NPS 12) OVERVIEW ROUTE MAP (1:20,000)			
2	ISSUE FOR USE	09/20/2018	JAW
1	ISSUE FOR USE	09/18/2018	JAW
0	ISSUE FOR USE	09/12/2018	JAW
NO	REVISION	DATE	APPR
SCALE	DATE	DRAWN	CHECKED
1 cm = 200 m	08/10/2018	DMN	MPB
		APPROVED	JAW
PROJ. NO.	DRAWING NUMBER		SHEET
24255	ONT-WF-SPPL-UP-DK-0040		7 OF 10



# Imperial's Waterdown to Finch Project location

City of Toronto

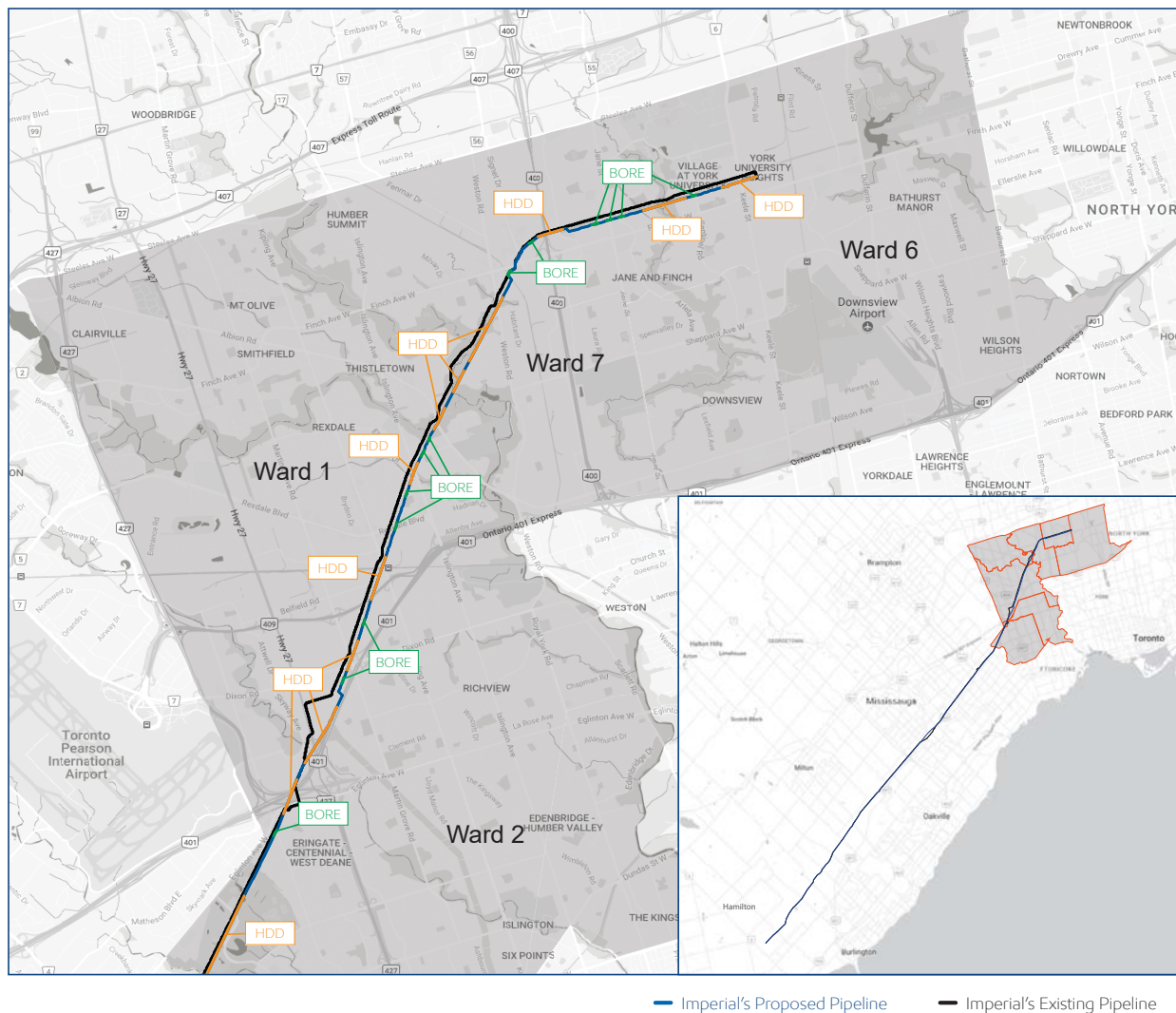


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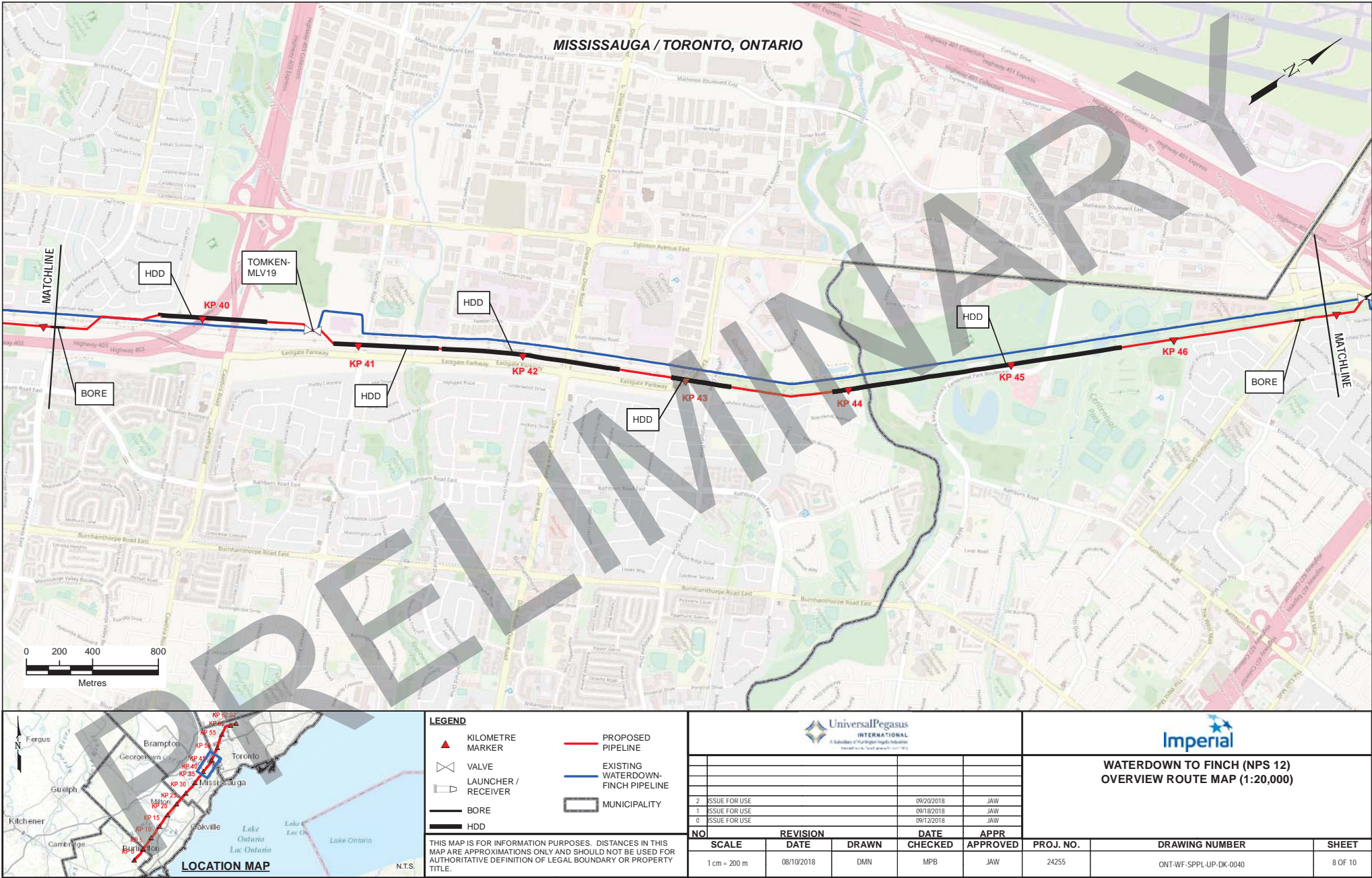


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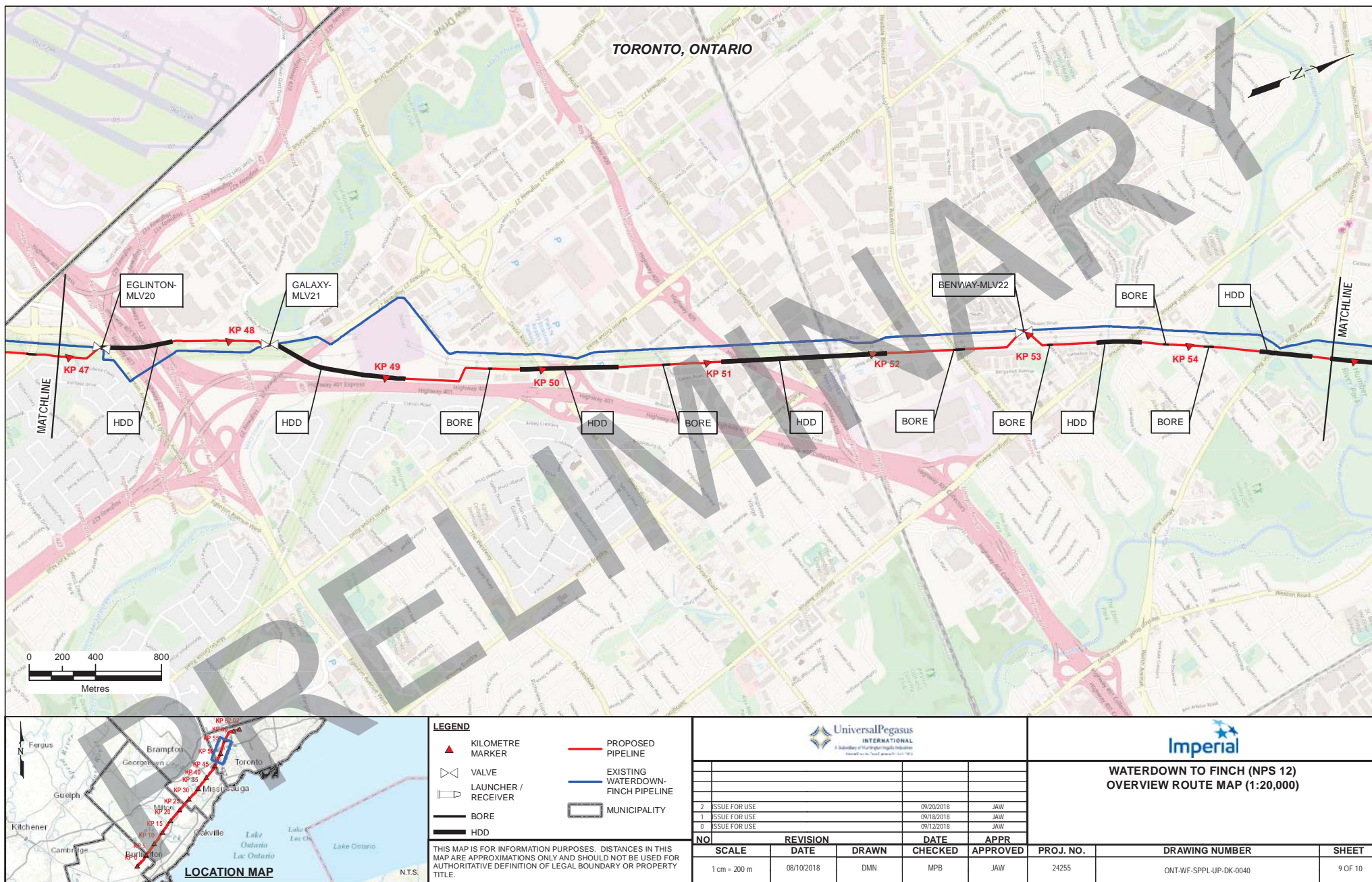
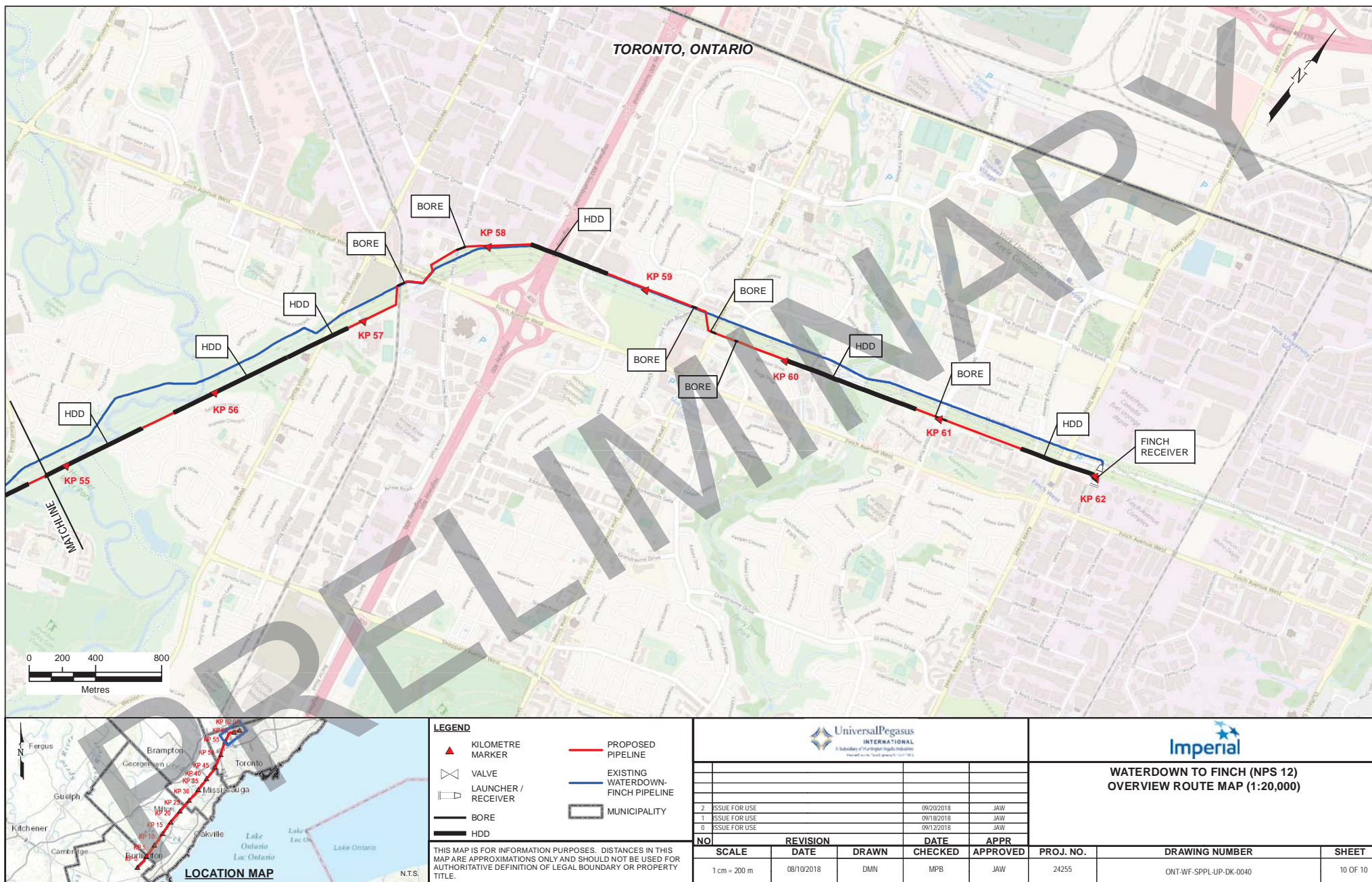


EXHIBIT H  
 Record of Consultation - Supporting Documents



# Imperial's Sarnia Products Pipeline

## Waterdown to Finch Project Community Information Session



# Imperial's Waterdown to Finch Project

## Important infrastructure to the Greater Toronto and Hamilton Area (GTHA).

Imperial's Sarnia Products Pipeline is important to people, businesses and community organizations in the GTHA. It carries a variety of fuels, including:



Jet fuel used at Toronto Pearson International Airport



Gasoline and diesel fuel that keeps people, goods and services moving throughout the region

Safety and reliability: pipeline replacement from Waterdown to Finch



Replacement of approximately 63 kilometres of the line with new pipe



Supports continued safe and reliable pipeline operations



Proactive engagement with landowners, communities and Indigenous groups



Collaboration with governments and regulators to ensure the highest standards of environmental safety

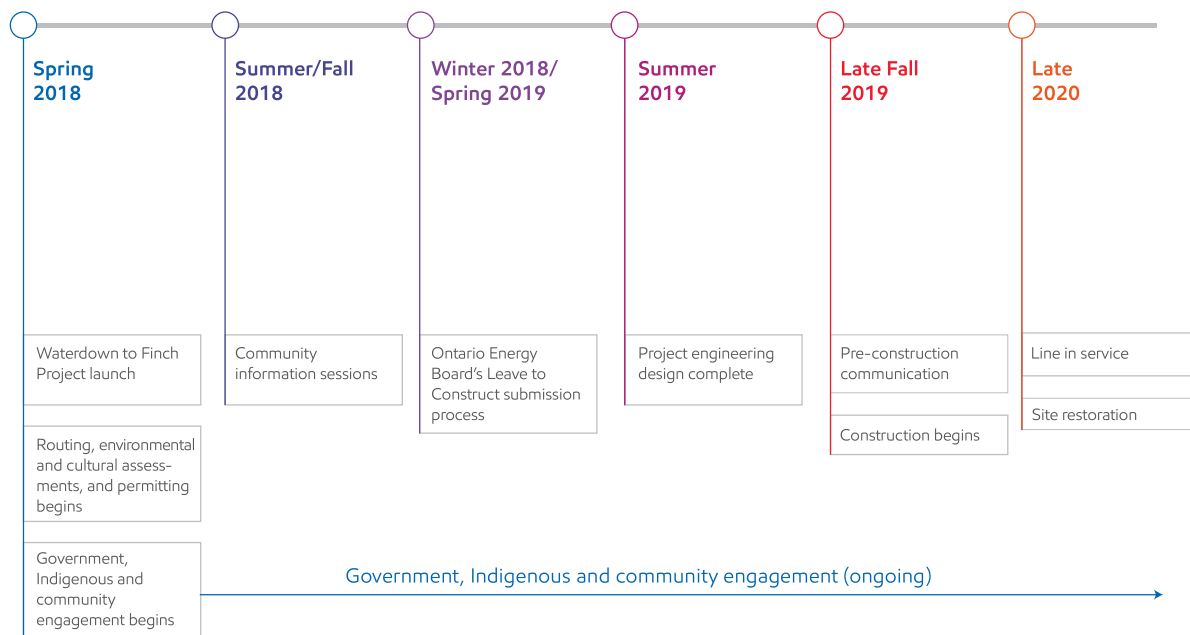
# Waterdown to Finch Project location

Most replacement work will take place in the existing corridor. Imperial respects all landowners' property and will seek to minimize disruptions at all project phases



# Project timeline

Environmental and cultural assessments commenced in the spring of 2018. Subject to provincial regulatory reviews and receiving all permits, Imperial expects to start construction in 2019.



\*Timeline is subject to regulatory and permitting approvals.

# Land, regulatory and permitting approvals

Imperial will require regulatory approvals, permits or project information sharing from the following entities:

## **Federal**

- Environment and Climate Change Canada
- Fisheries and Oceans Canada
- Transport Canada

## **Provincial**

- Infrastructure Ontario
- Niagara Escarpment Commission
- Ontario Energy Board, and the Ontario Pipeline Coordinating Committee
- Ontario Ministry of Agriculture, Food and Rural Affairs
- Ontario Ministry of the Environment, Conservation and Parks
- Ontario Ministry of Indigenous Affairs
- Ontario Ministry of Natural Resources and Forestry
- Ontario Ministry of Tourism, Culture and Sport
- Ontario Ministry of Transportation

## **Conservation Authorities**

- Conservation Halton
- Credit Valley Conservation Authority
- Hamilton Conservation Authority
- Toronto and Region Conservation Authority

## **Municipalities/Regions**

- City of Burlington
- City of Hamilton
- City of Mississauga
- City of Toronto
- Region of Halton
- Region of Peel
- Town of Milton
- Town of Oakville

## **Other**

- Technical Standards and Safety Authority



# Committed to community engagement and transparency

We appreciate the patience of our neighbours, Indigenous groups and other community members as we work to enhance the long-term safety and reliability of our existing operations.

We are committed to meaningful engagement throughout the Project with:

- Residents and project neighbours
- Indigenous groups
- Local governments and elected officials
- Permitting authorities

Community members have several ways to receive information and ask questions:



[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)



416.586.1915



[questions@imperialon.ca](mailto:questions@imperialon.ca)



Community information sessions  
in the summer and fall of 2018



Construction notices to  
landowners and adjacent  
landowners will be delivered a  
minimum of two weeks before  
activity begins



Ongoing information sharing with  
community leaders

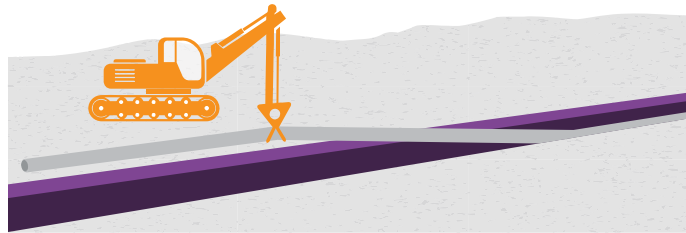
# Minimizing construction impacts

Based on the engineering and environmental surveys, Imperial will perform one of two construction techniques:

## 1. Open cut construction

The fastest method of pipeline installation.

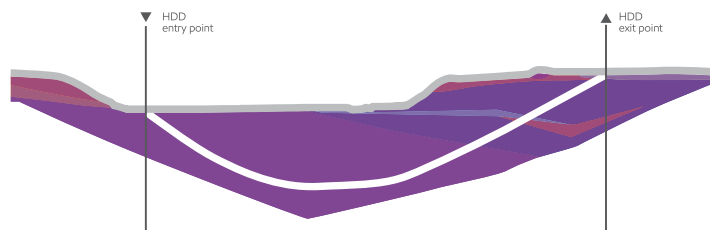
- Lay and bend the pipe to match contours of the land
- Weld, test and inspect the pipe
- Lower pipe into the trench and cover it for protection



## 2. Trenchless technology

A horizontal directional drill (HDD) is a method of installing underground pipe using a drilling rig at the surface level. It is best used at sensitive areas, or in dense residential or commercial areas.

- Drill a hole along a designed directional path
- Enlarge the pilot hole to a diameter suitable for installation of the pipeline
- Pull the pipeline back into the enlarged hole



# Imperial's contributions to Ontario

As an integrated energy company, we explore for, produce, refine and market products essential to society. Some highlights of Imperial's economic footprint in Ontario include:



Founded in Ontario



130 years of providing Ontarians with reliable and affordable products



1,200 employees and 3,500 contractors employed daily in Ontario



\$750 million in capital investments at two refineries in Sarnia and Nanticoke for environmental improvements, energy conservation programs, clean fuel facilities and infrastructure improvements



Supporting education and training programs that develop our skilled workforce of the future



\$300 million in research and development invested in Ontario over the past decade

Imperial's ongoing contributions to Ontario:



Source: Business Council of Canada 2016 Total Tax Contribution Survey.

# Indigenous collaboration

Imperial maintains an ongoing dialogue with Indigenous leaders, community members and their representatives by:

- Ensuring timely discussions when activities have the potential to impact communities
- Respecting traditional and treaty rights, practices, decision-making processes, cultural activities and language
- Supporting the identification of specific impacts on traditional uses and rights in order to mitigate effects
- Treating all parties fairly
- Respecting the Crown's duty to consult



# Our proactive protection and preventative maintenance program

Imperial's safety performance is among the best in the Canadian energy industry. We attribute our record of safe and reliable operations to our preventative maintenance and proactive pipeline inspection programs.



## PIPELINE PROTECTION MEASURES

Cathodic protection along protected steel pipe to safeguard against external corrosion

Automated valves shut off in case of unexpected pressure drop, or are controlled remotely by an operations centre



## FOCUSED ON SAFETY

Monitoring 24 hours a day, 365 days a year. This includes weekly aerial patrols along the pipeline's path

Annual emergency response drills, and two highly trained and resourced emergency response teams based in southern Ontario



## INNOVATIVE TECHNOLOGIES AND MAINTENANCE

Specialized tools such as SmartBalls and Smart Pigs confirm both internal and external characteristics of the pipeline to identify repairs

Ongoing maintenance work or integrity digs help to facilitate continued safe pipeline operations



# Safe pipeline deactivation

Imperial will safely deactivate the current pipeline, which will cause the least disturbance to the local environment and minimize our construction footprint.

Imperial deactivates pipeline segments in accordance with industry best practices (Canadian Standards Association's Oil and Gas Pipeline Systems Code) and provincial regulations (*Technical Standards and Safety Act*).

## Pipeline deactivation process



1. Remove the product from the pipeline using specialty cleaning instruments and products



2. Disconnect the existing pipeline



3. Fill the disconnected pipeline with nitrogen (like what we put in our car tires) to maintain pipeline pressure



4. Visual inspections to continue monitoring the deactivated pipeline

Imperial is responsible for paying for the maintenance and monitoring of the deactivated pipeline.

# Environmental planning process

Imperial is conducting a comprehensive planning process to evaluate pipeline routing, describe the existing natural and social environment, assess potential environmental effects, and outline safety and proposed mitigation measures.



## Wildlife and Fisheries

Conduct bird, bat, reptile and amphibian surveys along pipeline route. Perform habitat assessments at fish bearing watercourses



## Archaeology

Determine potential for archaeological and cultural heritage resources within the study area



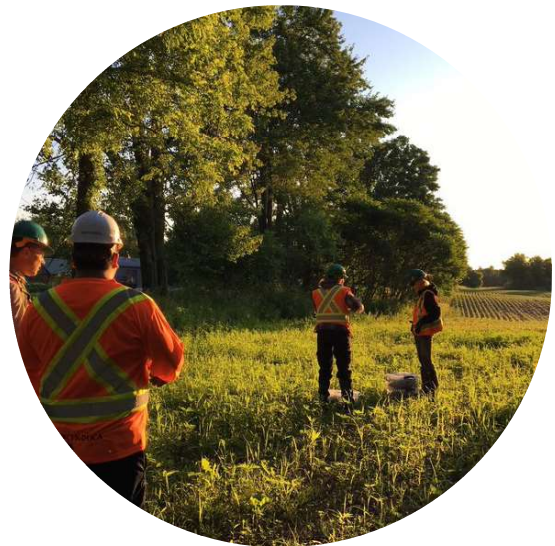
## Vegetation and Wetlands

Complete a botanical inventory, to identify potential at-risk species. Prepare constraint mapping to delineate natural areas and wetlands



## Geotechnical Investigation

Prior to geotechnical drilling, identify utility lines to prevent risk of excavation damage to underground infrastructure



Results from this process will be filed with the Ontario Energy Board as part of Imperial's leave to construction application in 2019.

# Imperial's Sarnia Products Pipeline

## Waterdown to Finch Project Community Information Session



# Imperial's Waterdown to Finch Project

## Important infrastructure to the Greater Toronto and Hamilton Area (GTHA).

Imperial's Sarnia Products Pipeline is important to people, businesses and community organizations in the GTHA. It carries a variety of fuels, including:

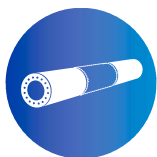


Jet fuel used at Toronto Pearson International Airport



Gasoline and diesel fuel that keeps people, goods and services moving throughout the region

Safety and reliability: pipeline replacement from Waterdown to Finch



Involves the replacement of the existing 12-inch pipeline with a new 12-inch pipeline



Supports continued safe and reliable pipeline operations



Proactive engagement with landowners, communities and Indigenous groups



Collaboration with governments and regulators to ensure the highest standards of environmental safety

# Focused on safety

Imperial's safety performance is among the best in the Canadian energy industry. We attribute our record of safe and reliable operations to our preventative maintenance and proactive pipeline inspection programs.



## PIPELINE PROTECTION MEASURES

Cathodic protection along protected steel pipe to safeguard against external corrosion

Automated valves shut off in case of an unexpected pressure drop, and are controlled remotely by an operations centre



## FOCUSED ON SAFETY

Monitoring 24 hours a day, 365 days a year. This includes weekly aerial patrols along the pipeline's path

Annual emergency response exercises, and two highly trained and resourced emergency response teams based in southern Ontario



## INNOVATIVE TECHNOLOGIES AND MAINTENANCE

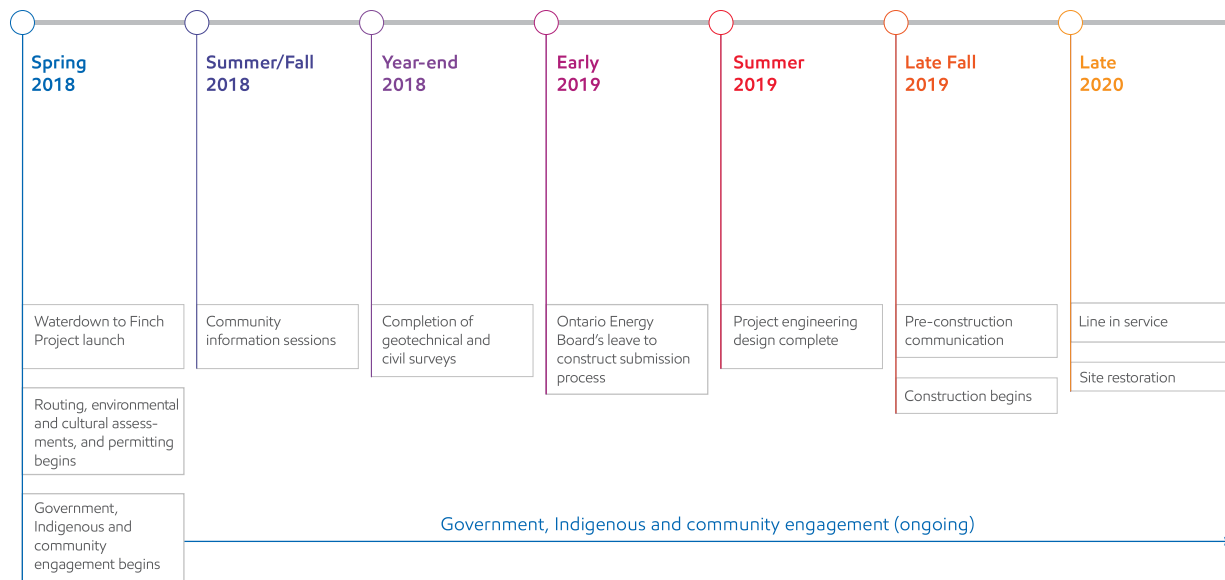
Specialized tools such as SmartBalls and Smart Pigs confirm both internal and external characteristics of the pipeline to identify repairs

Ongoing maintenance work or integrity digs help to facilitate continued safe pipeline operations



# Project timeline

Environmental and cultural assessments commenced in the spring of 2018. Subject to provincial regulatory reviews and receiving all permits, Imperial expects to start construction in 2019.



\*Timeline is subject to regulatory and permitting approvals.

# Land, regulatory and permitting approvals

Imperial will require regulatory approvals, permits or project information sharing from the following entities:

## **Federal**

- Environment and Climate Change Canada
- Fisheries and Oceans Canada
- Transport Canada

## **Provincial**

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- Niagara Escarpment Commission
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- Ontario Ministry of Agriculture, Food and Rural Affairs
- Ontario Ministry of the Environment, Conservation and Parks
- Ontario Ministry of Indigenous Affairs
- Ontario Ministry of Natural Resources and Forestry
- Ontario Ministry of Tourism, Culture and Sport
- Ontario Ministry of Transportation

## **Conservation Authorities**

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- Credit Valley Conservation Authority
- Hamilton Conservation Authority
- Toronto and Region Conservation Authority

## **Municipalities/Regions**

- City of Burlington
- City of Hamilton
- City of Mississauga
- City of Toronto
- Region of Halton
- Region of Peel
- Town of Milton
- Town of Oakville

## **Other**

- Technical Standards and Safety Authority



# Leave to construct process

Imperial will submit a leave to construct application to the province's energy regulator, the Ontario Energy Board (OEB). This process includes a thorough assessment of the Project's environmental attributes and engagement with landowners, communities and Indigenous groups.

Below is an overview of the process:



# Imperial's contributions to Ontario

As an integrated energy company, we explore for, produce, refine and market products essential to society. Some highlights of Imperial's economic footprint in Ontario include:



Founded in Ontario



More than 130 years of providing Ontarians with reliable and affordable products



1,200 employees and 3,500 contractors employed daily in Ontario



\$750 million in capital investments at two refineries in Sarnia and Nanticoke for environmental improvements, energy conservation programs, clean fuel facilities and infrastructure improvements



Supporting education and training programs that develop our skilled workforce of the future



\$300 million in research and development invested in Ontario over the past decade

Imperial's ongoing contributions to Ontario:



Source: Business Council of Canada 2016 Total Tax Contribution Survey.

# Environmental planning: putting assessments into action

Imperial works to ensure the highest standards of environmental safety are observed every day. Imperial has conducted a comprehensive planning process to evaluate and assess potential environmental impacts and proposed mitigation measures. These include:



#### **Fish habitat assessments**

Outcome: Informed whether or not in-water work during construction will need to avoid the timing of sensitive fish life stages



#### **Vegetation and wetland surveys**

Outcome: Informed the presence of rare plants and wetlands which may need to be either avoided or environmental effects mitigated and/or compensated



#### **Groundwater and surface water studies**

Outcome: Identified existing conditions and water uses such as water wells and informed water management planning to avoid/reduce environmental effects on water quality and quantity



#### **Informing Alternatives**

Outcome: Regulatory, stakeholder and landowner engagement has influenced the current pipeline alignment and construction methods



The findings and mitigation actions will be included in Imperial's leave to construct application and posted online at [imperialoil.ca/waterdowntofinch](https://imperialoil.ca/waterdowntofinch). You can also sign up for updates at [questions@imperialon.ca](mailto:questions@imperialon.ca)

# Archaeology and cultural heritage

## Imperial is conducting archaeological and cultural heritage assessments along the pipeline route

We are also using historical maps and other tools to identify historical settlements like farmsteads and historic buildings. Imperial will minimize potential impacts to archaeological and cultural heritage resources by:

- Assessing the route for known and potential archaeological and cultural resources
- Deploying trenchless construction methods at river crossings with high archaeological potential to avoid impacts to known archaeological sites
- Engaging licensed archaeologists in the event previously unknown archaeological artifacts are observed during construction



# What we've heard

## Incorporating regulatory, stakeholder, community and landowner feedback



**400+**  
Engagement records



**20+**  
In-person community  
information sessions



**50+**  
Formal agency and permitting  
body meetings held



**1,500+**  
Landowners notifications

### Protecting natural heritage

Conduct vegetation and wetlands, Species at Risk, and fish habitat field surveys.

Schedule construction outside of sensitive Species at Risk timing windows, where feasible.

### Preserving known archaeological and cultural heritage resources

Avoid known archaeological sites and engage Indigenous community members on archaeological assessment planning and review.

### Identifying route alternatives

Avoid electricity transmission infrastructure by re-routing new pipeline within the existing Hydro One utility right-of-way and using alternate construction methods such as boring and directional drilling techniques to avoid sensitive surface areas.

### Conducting agricultural assessments

Complete an agricultural impact assessment and avoid/mitigate impacts to agricultural landowners.

### Supporting emergency response preparedness

#### Work collaboratively with stakeholders to review emergency plan

Imperial collaborated with local emergency services and others in recent Emergency Response Exercise.

### Engaging indigenous monitors

Work collaboratively with Indigenous field monitors on archaeological assessments and environmental field surveys.

### Minimizing impacts to local transportation networks

#### Implement traffic control plans and mitigation measures to minimize traffic impacts

Impacts to paved roadways will be avoided by using trenchless construction methods where possible

### Providing detailed maps and online resources

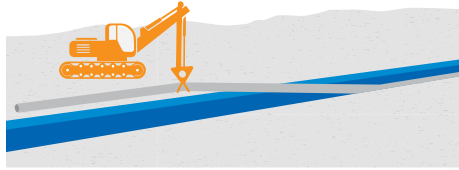
#### Facilitate a greater exchange of information about the Project

Imperial created an "online information session" with ongoing Project updates and detailed maps at [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch).

Produced interactive videos to address key public topics and questions/feedback received at July information sessions.

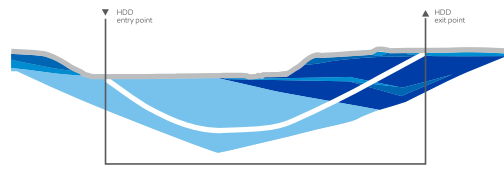
# Construction methods

Based on engineering, archaeological and environmental surveys, Imperial will perform one of two construction techniques:



## Open cut construction

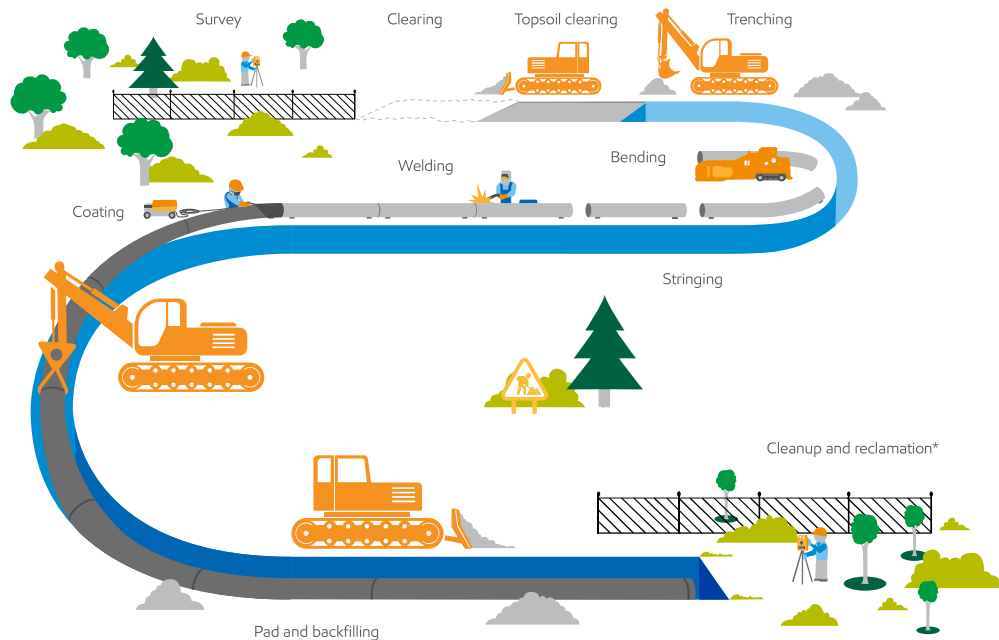
- The fastest method of pipeline installation
- Lay and bend the pipe to match contours of the land
- Weld, test and inspect the pipe
- Lower pipe into the trench and cover it for protection



## Trenchless-horizontal directional drill (HDD)

- Pipeline installation using a drilling rig at the surface level—best used in sensitive areas and crossings or dense residential/commercial areas
- Drill a pilot hole along a designed directional path
- Enlarge the pilot hole to a diameter suitable for installation of the pipeline
- Pull the pipeline back into the enlarged hole

## Construction process



\*Cleanup and reclamation will include: soil replacement, seeding and tree planting.

# Minimizing construction impacts

As the Project proceeds, Imperial will make every effort to limit our construction footprint in local communities through the following measures:



Hours of work involving continuous noise and heavy vibration will be limited to specific times



Construction teams will use pre-existing rights-of-way, such as utility corridors, where possible, for access



An onsite representative will be appointed to address questions and concerns about the Project during construction. Contact information will be provided to residents within the vicinity of the Project prior to the start of construction



Whenever possible, multi-passenger vehicles will be used to transport workers along the construction corridor. This will reduce traffic along the right-of-way and access roads as well as reduce noise and air emissions



Impacts to paved roadways will be avoided by using trenchless construction methods



Ongoing engagement with residents, businesses, and landowners about construction activities and timing, and coordinated access to properties



Imperial will continue to work closely with regulatory agencies, and comply with all environmental requirements

# Safe pipeline deactivation

Imperial will safely deactivate the current pipeline, which will cause the least disturbance to the local environment and minimize our construction footprint.

Imperial deactivates pipeline segments in accordance with industry best practices (Canadian Standards Association's Oil and Gas Pipeline Systems Code) and provincial regulations (*Technical Standards and Safety Act*).

## Pipeline deactivation process



1. Remove the product from the pipeline using specialty cleaning instruments and products



2. Disconnect the existing pipeline



3. Fill the disconnected pipeline with nitrogen (like what we put in our car tires) to maintain pipeline pressure



4. Visual inspections to continue monitoring the deactivated pipeline

Imperial is responsible for paying for the maintenance and monitoring of the deactivated pipeline.

# Indigenous collaboration

## Respect for the land, the environment, and the rights and cultures of Indigenous communities.

Imperial maintains an ongoing dialogue with Indigenous leaders, community members and their designated representatives by:

- Respecting traditional practices, decision-making processes, cultural activities and language
- Ensuring timely discussions when activities have the potential to impact the community
- Respecting the legal rights of Indigenous peoples as well as the Crown's duty to consult
- Treating all parties fairly
- Responding to comments and concerns in a timely manner

### Incorporating traditional knowledge

Imperial works collaboratively with Indigenous field monitors on archaeological assessments and environmental field surveys. Through this effort we can help ensure the protection and preservation of archaeological and culturally significant areas. Imperial will continue to conduct archaeological assessments with communities and share findings.



# Committed to community engagement and transparency

We appreciate the patience of our neighbours, Indigenous groups and other community members as we work to enhance the long-term safety and reliability of our existing operations.

We are committed to meaningful engagement throughout the Project with:

- Residents and Project neighbours
- Indigenous communities
- Local governments and elected officials
- Permitting authorities

Community members have several ways to receive information and ask questions:



[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)



416.586.1915



[questions@imperialon.ca](mailto:questions@imperialon.ca)



Community information sessions  
in the summer and fall of 2018

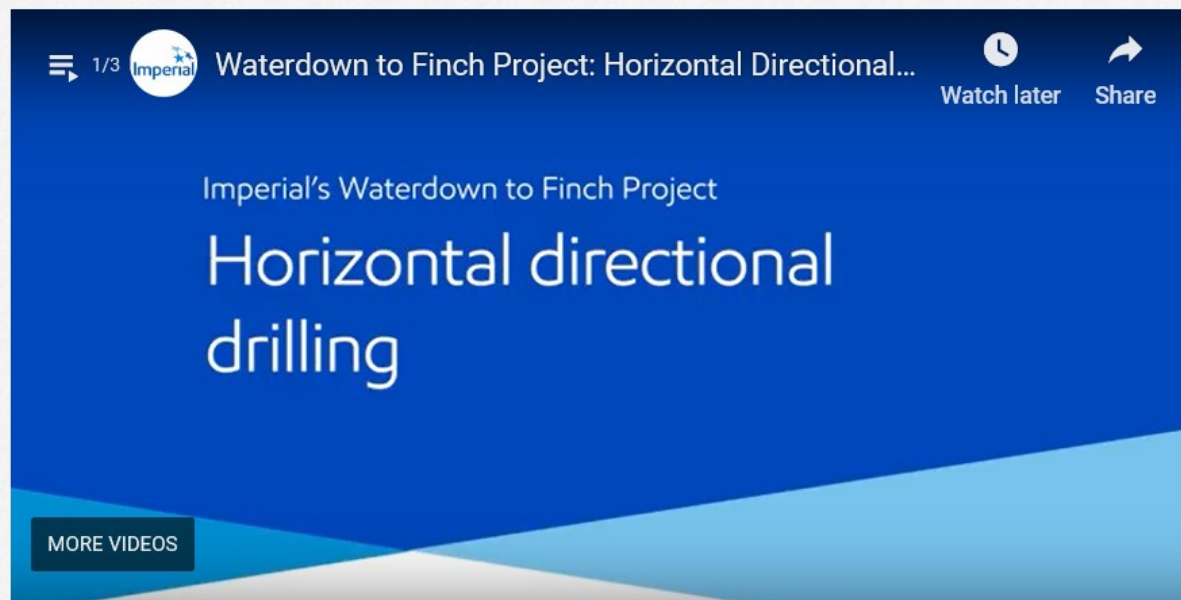


Construction notices to  
landowners and adjacent  
landowners will be delivered  
a minimum of two weeks  
before activity begins



Ongoing information sharing  
with community leaders

Imperial builds safety and integrity into its pipelines from the outset of construction. Our pipeline projects have rigorous material, design and construction standards that comply with all applicable government and industry standards. Imperial is working closely with independent pipeline regulators and different levels of government to limit disturbance due to construction. To learn more about the construction techniques used in the Waterdown to Finch Project, such as open-cut construction and horizontal directional drilling (HDD) watch our video below.



While working to deliver the fuels and energy Canadians rely on every day, we aim to minimize our impact on the environment, local communities and Indigenous groups by routing pipelines around sensitive areas and adopting construction practices that decrease disruptions. This includes safely deactivating the current pipeline, which will cause the least disturbance to the local environment and minimize our construction footprint. To learn about the pipeline deactivation process, watch our video below.



Further detail about the construction methods and our approach to protecting the environment can be found in the Waterdown to Finch Project brochure or in our [information session poster boards](#).

## Focused on safety

Imperial's safety performance is among the best in the Canadian energy industry. We attribute our record of safe and reliable operations to our preventative maintenance and proactive pipeline inspection programs. Learn how Imperial prepares for continued safe pipeline operations below.



# Waterdown to Finch Project



## Community Information Session

Imperial's Sarnia Products Pipeline provides gasoline, diesel and jet fuel for households and businesses across the Greater Toronto and Hamilton Area. To support continued reliability, Imperial plans to replace approximately 63-kilometres of pipeline between Imperial's Waterdown pump station and the company's terminal in Toronto's North York.

Imperial will apply for a Leave to Construct from the Ontario Energy Board in 2019. Imperial wants to share project details and answer questions at our upcoming community information sessions.

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5:00-7:30 PM**

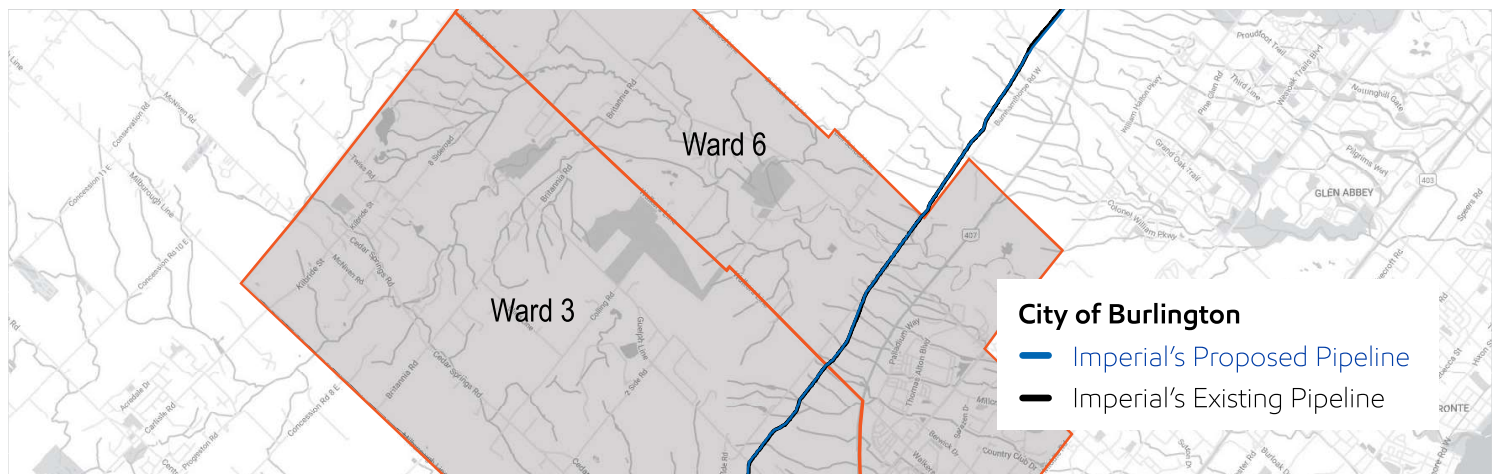
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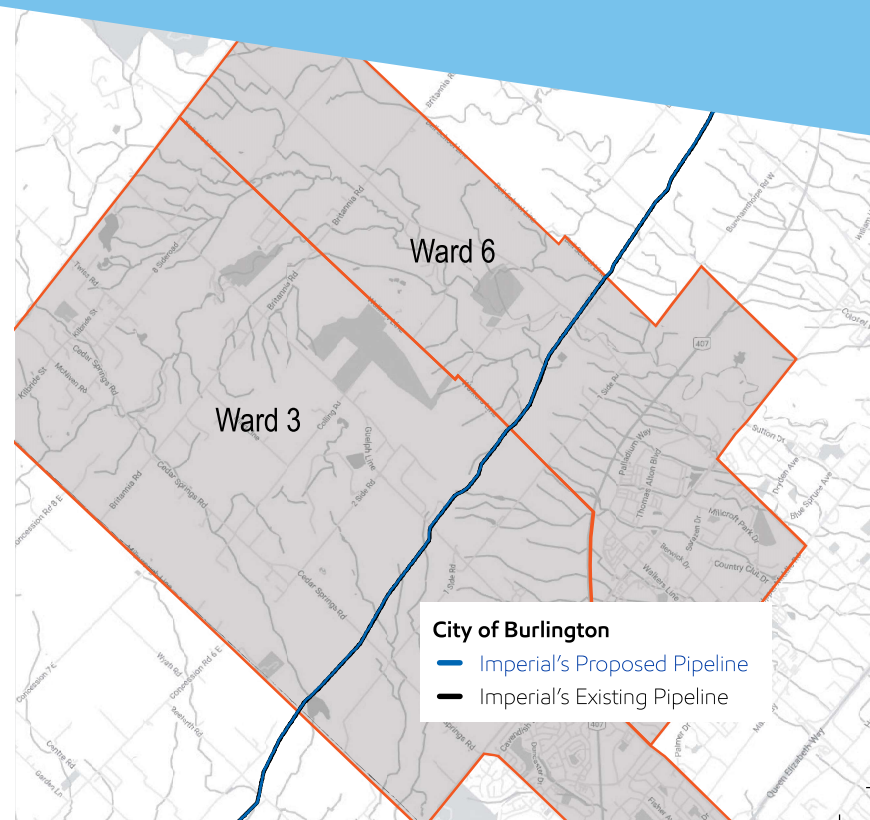


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Imperial will apply for a Leave to Construct from the Ontario Energy Board in 2019. In addition to working with the regulatory bodies and different levels of government on permitting, Imperial wants to share project details and answer questions at our community information sessions in the summer and fall of 2018.



# Community Information Session

We look to our local community members and governments to have a discussion and provide feedback about Imperial's Waterdown to Finch Project, the proposed route and the environmental study. Join us:

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5:00 - 7:30 PM**

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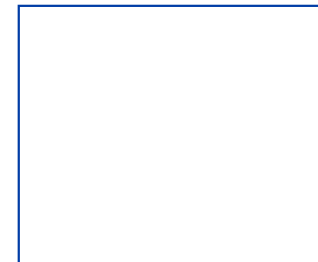
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## NEWS

# School's out for summer - and safety tips are in season

Halton high school and elementary students alike have officially put their notebooks and textbooks behind them and are off to begin summer break.

But amid the excitement, it's important for both students and parents to keep the following summer safety tips in mind over the next two months.

Limit sun exposure, especially during peak hours. Between 11 a.m. and 4 p.m. is when the sun is strongest each day. Residents should avoid excess sun exposure and make sure then when they are outside, they are wearing proper sunscreen and drinking plenty of fluids. Remember, if you require refuge from the heat, Halton's municipalities offer a number of cooling centres.

Riding a bike or skateboarding? Make sure to

wear the proper helmet

Different sets of wheels require different forms of head protection. Make sure you have the proper helmets for both your bike and your skateboard this summer. It could save your life.

Protect yourself from pesky bugs

When evening comes and you are outdoors, or if you are spending the day in forested areas or areas with tall grass, you are susceptible to insect bites - some which may lead to severe illnesses. Wear long sleeves and pants, as well as closed shoes when you can and purchase insect repellent containing DEET for the highest level of protection.

Also remember, light-coloured clothing is less attractive to mosquitoes and will allow you to better see ticks if they land on you.

When it storms, head indoors

Residents should stay indoors until half an hour after thunder stops to ensure they are safe from lightning.

Heading for a summer getaway? Don't publicize it online

Letting people know on social media that you won't be home for periods of time, leaves your home and your possessions more susceptible to crime. Be careful what you post online while you are enjoying your holiday.

Be safe around water. Never leave your children unattended in water. Turning away, even for a brief moment, can lead to tragedy. Try to swim during daytime hours and avoid swimming during storms.

Source: Government of Canada

## Waterdown to Finch Project

Imperial

### Community Information Session

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City of Burlington  
— Imperial's Proposed Pipeline  
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COMMUNITY

# City puts out call for Culture Days submissions

JOHN BKILA  
jbkila@metroland.com

The City of Burlington is calling for artist and cultural submissions ahead of the ninth annual Culture Days weekend, set for Sept. 28-30.

"Culture Days provides an opportunity for residents to engage with local arts and cultural professionals to celebrate Burlington's rich cultural community," said Angela Papparizo, the city's manager of arts and culture.

"Working closely with Doors Open, the Art Gallery of Burlington, the Burlington Performing Arts Centre, Burlington Public Library, Museums of Burlington, Tourism Burlington, and the Arts and Cultural Council of Burlington, Culture Days features three days of different types of events that



reflect the mosaic of Canadian culture."

The national initiative aims to raise awareness, provide accessibility and encourage participation and engagement in the arts and cultural life of Burlington.

Culture Days promotes free, hands-on, interactive activities that invite the public to participate behind-the-scenes to discover the world of artists, creators, historians, architects, curators, designers and other creative individuals.

This year's theme is On-Beat, which invites communities, organizations,

and individuals to organize drumming or rhythm-inspired events.

"The programming doesn't have to be limited to drumming," stated a media release. "Rhythm can make its way into many different art forms and cultural practices including dance, visual arts, theatre, digital arts and storytelling."

Local artists and arts and cultural organizations looking to offer free, interactive events and activities during Culture Days can register them online at [www.culturedays.ca](http://www.culturedays.ca).

For any assistance on finding a location for your activity, and possible partnership opportunities with the cultural boards, contact Adam Belovari at 905-335-7600, ext. 7335 or [adam.belovari@burlington.ca](mailto:adam.belovari@burlington.ca) by July 31.

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## Waterdown to Finch Project

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City of Burlington  
— Imperial's Proposed Pipeline  
— Imperial's Existing Pipeline

# Waterdown to Finch Project



## Community Information Session

To support continued reliable supply of diesel, gasoline, and jet fuel for the Greater Toronto and Hamilton Area, Imperial plans to replace approximately 63-kilometres of the Sarnia Products Pipeline between Waterdown and North York, Toronto. This involves the replacement of the existing 12-inch pipeline with a new 12-inch pipeline.

Imperial anticipates filing a Leave to Construct application with the Ontario Energy Board in early 2019. Join us to learn more about the Project, Leave to Construct process, associated environmental report, construction methods and timelines, and how we've incorporated community feedback.

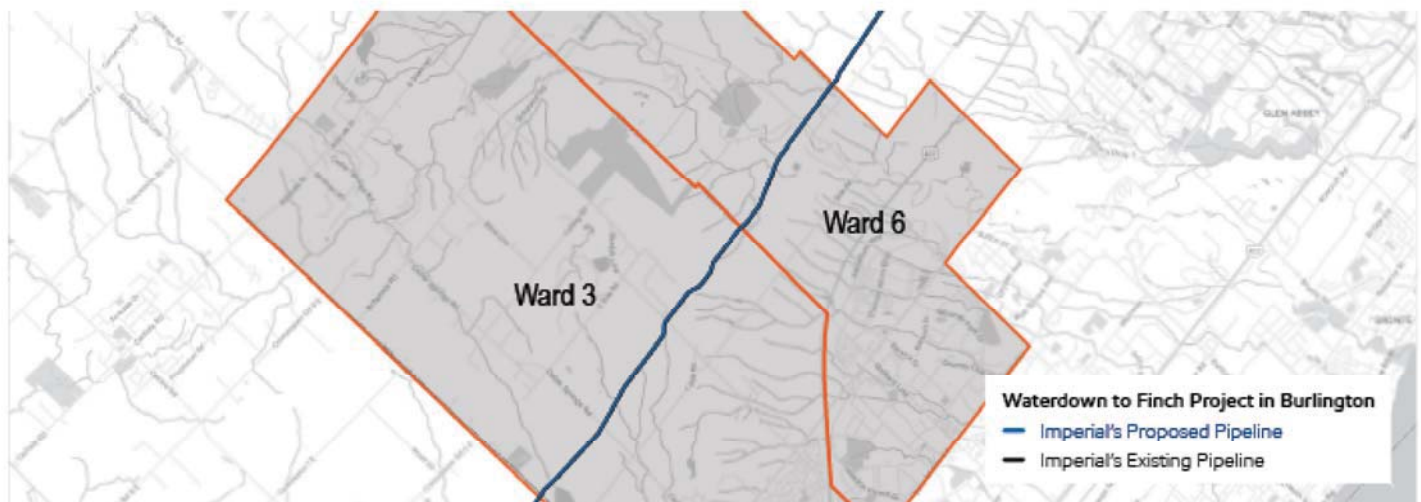
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**3:30-4:30 and 5:30-7 PM**

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ON L7P 5C8

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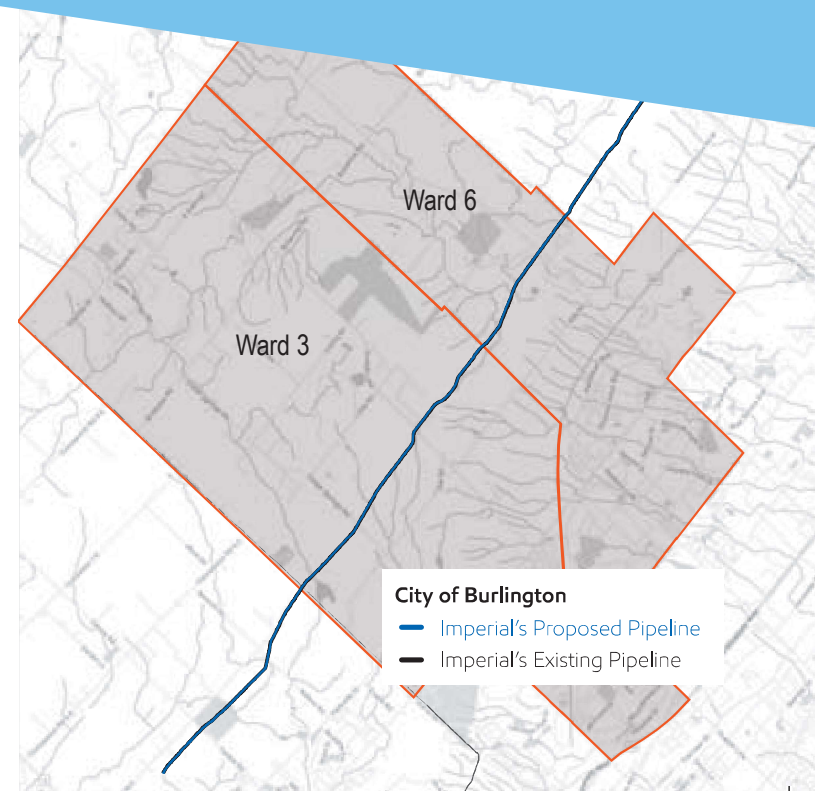
\*Please note: in this area the new line will be in close vicinity to the existing pipeline route.

# Waterdown to Finch Project



Imperial's Sarnia Products Pipeline provides gasoline, diesel and jet fuel for households and businesses across the Greater Toronto and Hamilton Area. To support continued reliability, Imperial plans to replace approximately 63-kilometres of pipeline between the company's Waterdown pump station and its terminal in Toronto's North York. This includes the straight replacement of the existing 12-inch pipeline with a new 12-inch pipeline.

Imperial anticipates filing a Leave to Construct application with the Ontario Energy Board in early 2019. Join Imperial representatives at our upcoming community information sessions where you can learn more about the Project, Ontario Energy Board's Leave to Construct process, and its associated environmental report.



# Community Information Session

Imperial will also share how the Waterdown to Finch Project has incorporated feedback heard from residents, updates to the Project schedule, construction methods and associated mitigation measures.

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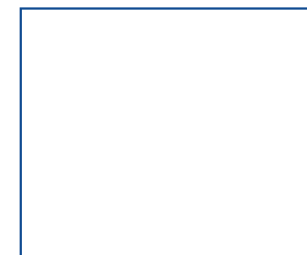
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# Waterdown to Finch Project



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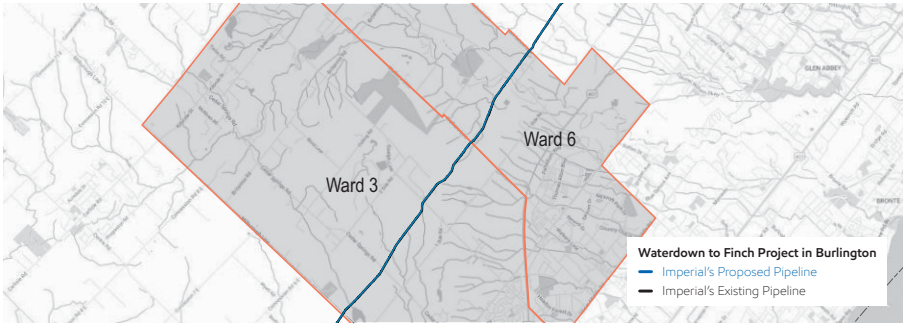
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## BUSINESS

# LASTMAN'S BAD BOY OPENS NEW STORE IN BURLINGTON

Lastman's Bad Boy is growing again, with the opening of its newest store, in the heart of Burlington.

The superstore is located at Woodview Place, across from Burlington Mall. Bad Boy partnered with Champions of Magic to unveil a new Bad Boy store with a grand opening spectacle for the eyes on Wednesday morning, Oct. 24.

The celebration featured a series of events and illusions intended to dazzle. It began with an assembly of dignitaries and corporate partners who participated in the official ribbon-cutting.

Blayne Lastman, chief executive officer, said: "We are excited to bring our best prices, selection and service to the Burlington - in a bigger and better location. Thank you to all of our friends and partners who



Nikki Wesley/Metroland  
Blayne Lastman and Mel Lastman helped open the new Bad Boy Superstore location at 3305 Fairview Street.

helped make this happen. Who's Better than You? Nooobody!"

Former Toronto mayor and honorary chairman Mel Lastman was also there to kick things off.

Then at 6 a.m. Thursday, Lastman's Bad Boy opened its doors to the public with a

huge media blitz featuring live television and much more.

Of course, Bad Boy wouldn't be Bad Boy, according to the company, if they didn't treat their customers to prizes and giveaways worth more than \$100,000.



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CANNABIS AND YOU

Continued from page 18

shop on Burlington’s Plains Road, employee Connor Mackin said he’s also seen an uptick in “old-timers” looking for guidance on pot paraphernalia and consumption.

“They’re mostly new users who want me to explain the process,” he said, noting a common question he gets is about the comparative safety of the various consumption methods.

“I don’t talk about bong with the older customers. I tell them the healthiest way is eating an edible.”

Mackin said that considering how many new users will be trying the drug now that it’s legal, he was surprised that the government didn’t allow cannabis sales in stores right away.

The Ontario government is only allowing online sales from the Ontario Cannabis Store website at the moment, with private retailers expected to start opening in April.”

Most people who come

in are looking for advice,” Mackin said, noting he would imagine there would be even more questions from new users when they’re actually buying weed. “You don’t get to interact with people online.”

At Rock Universe on Main Street in Milton, the clientele already skews a bit older, say store workers Krista Dickie and Cooper Chapman.

Lately, they’ve seen an increase in parents who are looking for information to share with their children, said Dickie.

“A lot of parents think it’s going to become easier to get,” added Chapman, 24, adding he finds that unlikely since weed was much easier to obtain than alcohol when he was a teenager.

“We’ve had a lot of people asking us about the laws.”

The legal age for marijuana use in Ontario is 19 years old. Back in Oakville, Squisha House customer Nikhil Dhupar, 25, thinks legalization may drive new or casual pot users

ers to check out the Ontario Cannabis Store — but he says experienced smokers like him are unlikely to change their habits.

As a medical user for two years to treat chronic pain and depression, he said he’s tried lots of weed from the large licensed producers and often finds it too dry, or in the worst case, aggravating to his conditions.

He’ll continue getting pot from his usual sources, but will also try growing it himself now that it’s an option. (Four plants are allowed per residence.)

Dhupar says he’s always been open about his cannabis use, but is happy to see it drawing reduced stigma as time goes on.

He didn’t have plans to do anything special to mark Oct. 17 — he’ll just head to his local vape lounge, like he always does.”

Tonight’s comedy night,” explained the Brampton resident.

“I think people are going to be in an especially good mood.”

Waterdown to Finch Project



Community Information Session

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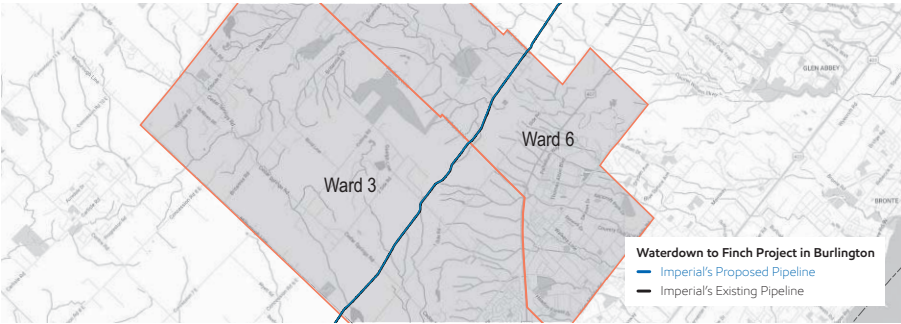
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# Waterdown to Finch Project



## Community Information Session

Imperial's Sarnia Products Pipeline provides gasoline, diesel and jet fuel for households and businesses across the Greater Toronto and Hamilton Area. To support continued reliability, Imperial plans to replace approximately 63-kilometres of pipeline between Imperial's Waterdown pump station and the company's terminal in Toronto's North York.

Imperial will apply for a Leave to Construct from the Ontario Energy Board in 2019. Imperial wants to share project details and answer questions at our upcoming community information sessions.

**Thursday, July 26, 2018  
3-4 and 5-7:30 PM**

**St. Thomas the Apostle Church  
Hall (Parish Center)  
715 Centre Road, Waterdown, ON**

RSVP: [Hamilton@imperialon.ca](mailto:Hamilton@imperialon.ca)

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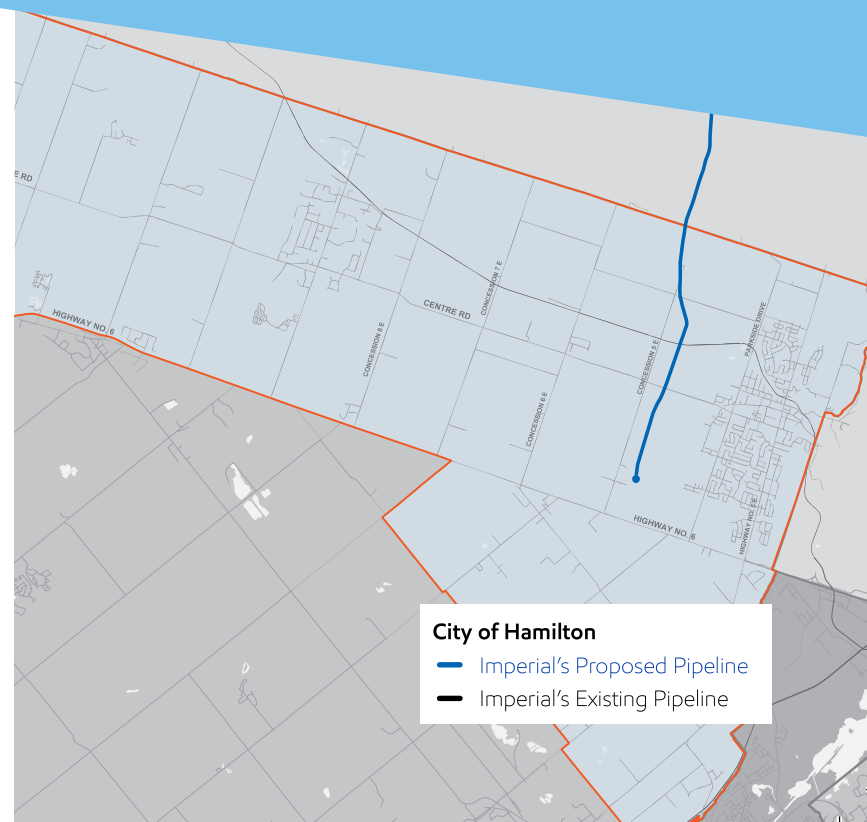
**[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)**

You can also reach us at  
**416.586.1915**





Imperial will apply for a Leave to Construct from the Ontario Energy Board in 2019. In addition to working with the regulatory bodies and different levels of government on permitting, Imperial wants to share project details and answer questions at our community information sessions in the summer and fall of 2018.



# Community Information Session

We look to our local community members and governments to have a discussion and provide feedback about Imperial's Waterdown to Finch Project, the proposed route and the environmental study. Join us:

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3-4 and 5-7:30 PM**

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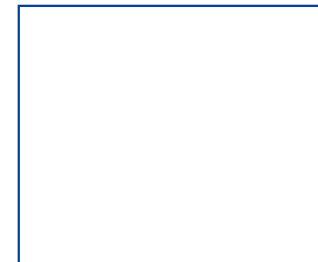
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Waterdown, ON  
L8B 1K5



NEWS

# Councillor candidate wants safer streets for pedestrians

KEVIN WERNER

kwerner@hamiltonnews.com

It took a public meeting at Ancaster's Old Town Hall to convince Mike Bell to run for councillor.

The meeting held in the fall of 2016 focused on a new bylaw to curtail limiting so-called "monster homes." Bell, 40, said he didn't believe residents' issues were being taken seriously at the time.

Thinking hard in the aftermath of the meeting, Bell decided recently to register to represent west Flamborough and Ancaster residents on council.

"I've been talking to people and they want some changes," said Bell, an Ancaster resident who is married with two children.

This is his second shot at political office. In 2014, he sought a spot on the Hamilton-Wentworth District School Board in wards 11 and 12, but finished third behind winner Alex Johnstone, and second-place finisher Serena Samuel.

A few proposals he is talking about include encouraging responsible development, building walkable streets with safe areas for pedestrians to

cross, such as along Wilson Street, and more bike lanes.

"We need to examine it," he said. "People driving their cars need to be more responsible."

Bell said he is looking at expanding bus transit for the area, but he wants to do it in a cost-efficient manner.

Since Hamilton still implements area-rating for bus service - a practice that could be eliminated in the next term of council - where communities pay for the service they receive, he said the policy needs to be reviewed.

As for the light rail transit project, Bell said he needs to study the costs and how it will impact residents' tax bills.

"I don't know the effect it will have on the average taxpayer. Dollar value is important," he said.

He said travelling up and down the city's accesses is the most challenging aspect of moving about the city, yet the LRT "doesn't address that," he said.

"We need to have a closer look at (the project)," he said.

Bell agrees with Ancaster Coun. Lloyd Ferguson's

fight to keep marijuana greenhouse facilities at 2,000 square metres in an effort to preserve prime agricultural land. There are at least two marijuana operations in Ancaster, with potential additional facilities that could be built in the rural parts of the new ward 12.

He said the existing marijuana greenhouse facilities need "all kinds of infrastructure" to support growing cannabis that hasn't been properly studied.

Bell, who has a mechanical engineering degree from Queen's University, is currently employed as a project manager for Tube-Mac Piping Technologies in Stoney Creek. He said if elected councillor, he would resign from his job to focus on his political duties.

"It's better for me to serve the public," said Bell. "You need to have a full-time councillor to help people."

Bell has joined John Scime and Miranda Reis as candidates for ward 12. Ferguson has yet to declare if he will seek re-election.

The deadline for registering for the Oct. 22 municipal election is July 27.

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## Waterdown to Finch Project

**Imperial**  
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## Canada &amp; World

Filed: 2019-02-22

EB-2019-0007

Tab 3, Schedule 13

Page 5 of 7

## Canada's premiers meet Indigenous groups

Some Aboriginal groups do not attend as protest against format

KEITH DOUCETTE  
The Canadian Press

BOUCTOUCHE, N.B. — Canada's premiers emerged from meetings with Indigenous organizations Wednesday with little in the way of concrete initiatives after several major Aboriginal groups refused to participate in the gathering for the second year in a row.

Three of the country's largest Indigenous groups — the Assembly of First Nations, the Inuit Tapirrit Kanatami and the Métis National Council — all bowed out of the talks in Bouctouche, N.B.,

held a day before provincial leaders are set to gather in St. Andrew's, N.B., for their annual Council of the Federation meetings Thursday and Friday.

However, Congress of Aboriginal Peoples national chief Robert Bertrand, who represents off-reserve Indigenous people, attended the meeting along with Francine Joe, president of the Native Women's Association of Canada.

The less than half-day meeting at Pays de la Sagouine focused on economic partnerships and Indigenous children in care, said

New Brunswick Premier Brian Gallant.

"I think that having CAP and the native Women's Association here was beneficial," said Gallant. "I think the presentations were great and I think today would have been that much greater had we had the other three organizations present."

Ahead of the meeting, Northwest Territories Premier Bob McLeod said it may be time to look at other options in order to attract more groups to the table.

"I'll be suggesting that we take another look at it and find a bet-

ter way, and I think we can do it," he said.

Gallant said finding an alternative to satisfy other Indigenous groups would likely be discussed over the coming days. Three premiers also didn't attend the meeting, including Doug Ford of Ontario, John Horgan of British Columbia and Nova Scotia's Stephen MacNeil.

Still, Bertrand said he believes there is value in meeting the premiers.

"We are not necessarily pushing one organization versus another one. We are all working to improve the life of our constituents, whether it's on reserve or off reserve," he said. "We've all

seen on TV the pictures of poverty and these problems. They have to be resolved."

Joe said the issues facing organizations like her own were far too important for her to pass on the meeting.

"I think the information that was shared with the premiers and the presenters is going to lead us forward and we are going to be able to collaborate in the future to actually make a difference in these areas," Joe said.

But Clement Chartier, president of the Métis National Council, said the three Indigenous organizations are the national representatives and "should be respected as such."

## Delicate fossil of oldest baby snake found in amber

BOB WEBER  
The Canadian Press

EDMONTON — It curves elegantly, its delicate bones looking as if they could easily slither out of the amber encasing them into the forest undergrowth that would have been home.

The oldest fossil of a baby snake ever found leaves University of Alberta paleontologist Tiago Rodrigues Simoes in awe. "It's like magic," he said.

Simoes, with fellow paleontologist Mike Caldwell, describes their 100-million-year baby in an article published in the journal *Science Advances* on Wednesday.

The snake skeleton, less than five centimetres long, is almost complete except for the skull. Entombed in a chunk of amber about the size of an adult thumb, it includes 97 tiny vertebrae, most with their feathery ribs still attached.

The sample comes from Myanmar, where amber quarries have been around for decades.



The fossil of a baby snake caught in amber, left, and a 3D reconstruction of the fossil.

Amber, fossilized tree resin, usually holds ancient bugs and beetles. This quarry, Caldwell said, has a high concentration of vertebrates.

The paleontologists' attention was first drawn to the amber by a colleague in Saskatchewan, who was interested in what seemed to be pieces of snakeskin within it.

"It's kind of cool," said Cald-

well. "But you can't tell much of a story with a piece of shed snakeskin, even if it's got colour on it, or at least light and dark patterning."

A couple of months later, the colleague called back. He'd had a chance to examine the sample more closely and thought what was first identified as a centipede looked more like a snake.

The team went at it with sophisticated imaging technology from CT scans to synchrotrons. Without removing the fossil from the amber, they laid bare its smallest details.

"The beauty of this thing is that you can actually see it's a brand-new baby snake," Caldwell said. "It's the interior details that make it clear."

It turns out that ancient snakes formed much the same way modern ones do.

The fossilized baby snake's spinal cord was still turning into bone in the same way those of its descendants still do. The fossil also showed the beginnings of

other features found in adult snakes that were growing exactly as they do in contemporary snakes.

"We have some of the major elements of development constant," Simoes said. "Maybe it's common to all of them in their early evolutionary history."

Perhaps just as important is what else was found in the amber — many examples of bugs and debris that would be found on a forest floor.

The baby is the first one to prove that snakes lived in forests, too, fleshing out understanding of both ancient reptile and forest ecology.

"It is an ancient form of superglue," Caldwell said. "That's the magic of amber."

"The marvellous thing about amber is that it falls out of a tree and it hits whatever was at the bottom of the tree. It picks up the bugs and the plants and the bug poop. And the baby snakes."

"We're not ever going to get that in the rock record."

## Adrienne Clarkson Prize goes to Atwood

The Canadian Press

TORONTO — Margaret Atwood is adding another accolade to her collection as the 2018 laureate of the Adrienne Clarkson Prize for Global Citizenship.

The annual prize, named for former governor general Adrienne Clarkson, is awarded annually to an individual who has demonstrated commitment to the principles of inclusion and belonging.

In a statement, Clarkson lauded Atwood's luminous literary career and social activism at the local, national and international levels.

The prize will be presented in Toronto on Sept. 26.

The 78-year-old has penned more than 50 books.

"She is a dynamic force in the world today," Clarkson said in a statement Wednesday announcing Atwood as the winner.

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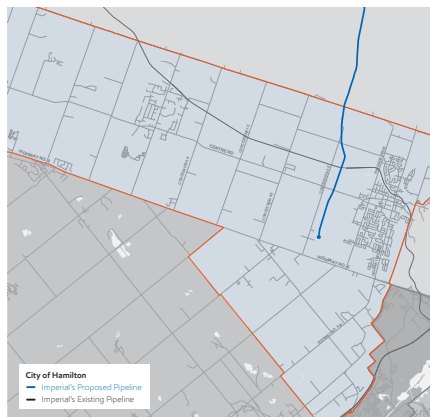
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*Tim Hortons*

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## Local

EXHIBIT H

Record of Consultation Supporting Documents

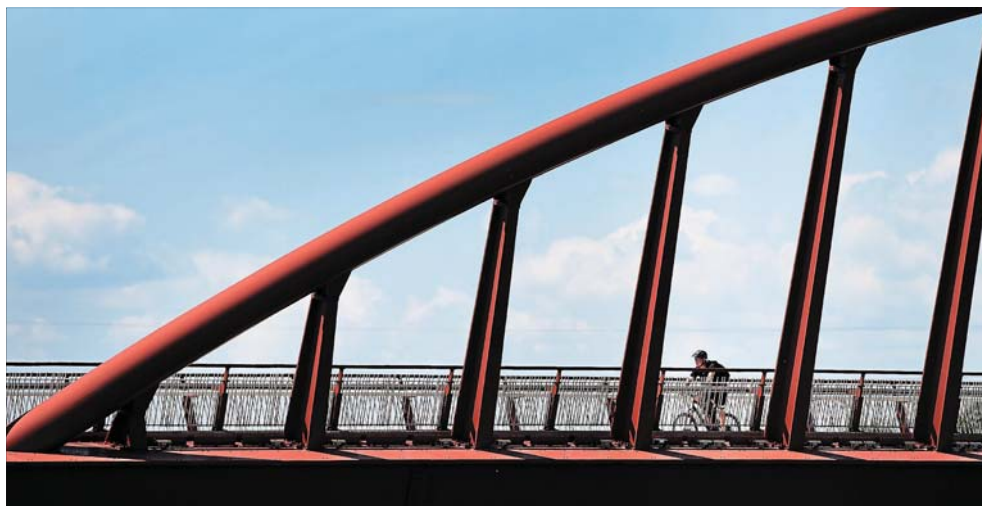
## OVER THE HIGHWAY

Filed: 2019-02-22

EB-2019-0007

Tab 3, Schedule 13

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BARRY GRAY THE HAMILTON SPECTATOR

A cyclist crosses the bridge Wednesday over the QEW in east Hamilton, part of the Red Hill Trail, on another beautiful summer day. The temperature is expected to stay at around 30 C through the weekend under mostly sunny skies. There is a slight chance of showers on the forecast for Saturday. See more weather details on G2.

## Hamilton officials projecting a budget surplus

So far this year, costs are little bit lower than expected, councillors told

**KEVIN WERNER**  
Hamilton Community News

Hamilton is on pace to have a 2018 operating budget surplus of \$4.3 million.

So far this year, the city has revenues of \$210.8 million, compared to \$206.5 million in expenses, says Brian McMullen, the city's acting general manager of corporate finance. McMullen

revealed the information at Wednesday's audit, finance and administration committee meeting.

"It's nice to see you are on the positive side of the ledger," said Ancaster Coun. Lloyd Ferguson. "You do that doom and gloom negative variances (in the past)... the media eats that up. I'm glad you have switched that." Hamilton's healthy and safe

communities department had the largest budget surplus of \$5.2 million, followed by the planning department with a \$494,000 surplus so far this year.

Public works, though, defied the trend and posted a \$2.2 million deficit at this time. McMullen blamed lower than expected transit revenues, declining revenues from recyclable material, the impact of the Disabled and

Aged Regional Transit System (DARTS) contract and winter control as the main culprits for the deficit.

It is also expected, said Ferguson, the city will see the public works budget take an additional hit this year because of problems with the recently shuttered central composting facility because of odour problems.

Also, the corporate services department had a \$314,000 deficit, mainly because of a decline in tax registration revenue.

Hamilton had a very good year financially in 2017 with an estimated \$40 million in combined rate and tax supported budget. It was the largest surplus some councillors had seen in years, if ever.

The city had a \$24.9 million tax-supported budget surplus and an \$18.1 million rate-supported budget surplus.

The surplus was divided up and placed in various reserve funds that had been depleted over the years.

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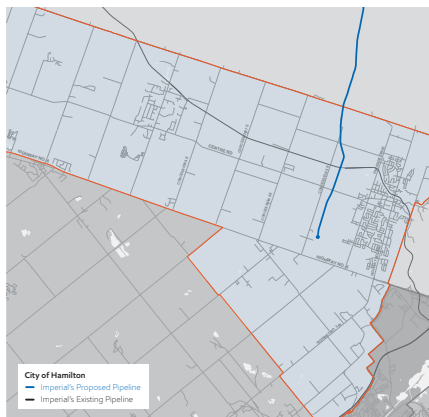
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Play Smart

14 CANADA

# 'Frustrated' postal workers may have to strike: Union

**CHRIS SIMON**  
chris.simon@simcoe.com

There's a chance your snail mail may slow to a crawl soon.

Canadian Union of Postal Workers national president Mike Palecek called negotiations with Canada Post "frustrating" July 13, and warned residents the postal service is forcing his bargaining units to seriously contemplate strike action. About 50,000 postal workers have been without a collective agreement since the winter.

The sides have met to discuss a new deal more than 100 times. However, the union is setting a final strike vote for Sept. 9.

"This round of bargaining is likely going to define the postal service going forward for a generation," Palecek said in an interview. "We're putting all kinds of issues on the

bargaining table that are not just for ourselves but the public as well. Postal workers have done absolutely everything in their power to address these without a labour dispute. We campaigned, we organized town hall meetings, we changed the government. Still, nothing has happened. We're on to our last resort: a strike. That's where Canada Post is driving us."

Canada Post "set us on to this path" through an "absolute refusal" to negotiate, he said.

Philippe Legault, a spokesperson for Canada Post, said a mediator was brought into the collective bargaining process in late 2017. However, the postal service will not comment on specific aspects of negotiations. "Canada Post negotiators are working hard to find common ground with CUPW and believe a quick resolution

is in the best interest of customers and employees," he said in an email.

A number of issues built up over the last few years because the previous Conservative government refused to negotiate with the union, Palecek said. About 8,000 of the employees work in a rural or suburban setting, with the majority being women. They are paid about 30 per cent less than their 42,000 urban-area counterparts.

The union is also pushing for the establishment of a Canada Post bank, electrification of the postal service's 13,000-vehicle fleet, and installation of electric vehicle-charging stations at post offices across the country.

"This is an opportunity to bring in new services that will not only bring in revenue but that the public actually needs," Palecek said.

Deadline is



8

mediation dates scheduled for July and August



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Sources: Canada Post's 2017 annual report, Canada Post and the Canadian Union of Postal Workers

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**Waterdown to Finch Project**

**Community Information Session**

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To support continued reliable supply of diesel, gasoline, and jet fuel for the Greater Toronto and Hamilton Area, Imperial plans to replace approximately 63-kilometres of the Sarnia Products Pipeline between Waterdown and North York, Toronto. This involves the replacement of the existing 12-inch pipeline with a new 12-inch pipeline.

Imperial anticipates filing a Leave to Construct application with the Ontario Energy Board in early 2019. Join us to learn more about the Project, Leave to Construct process, associated environmental report, construction methods and timelines, and how we've incorporated community feedback.

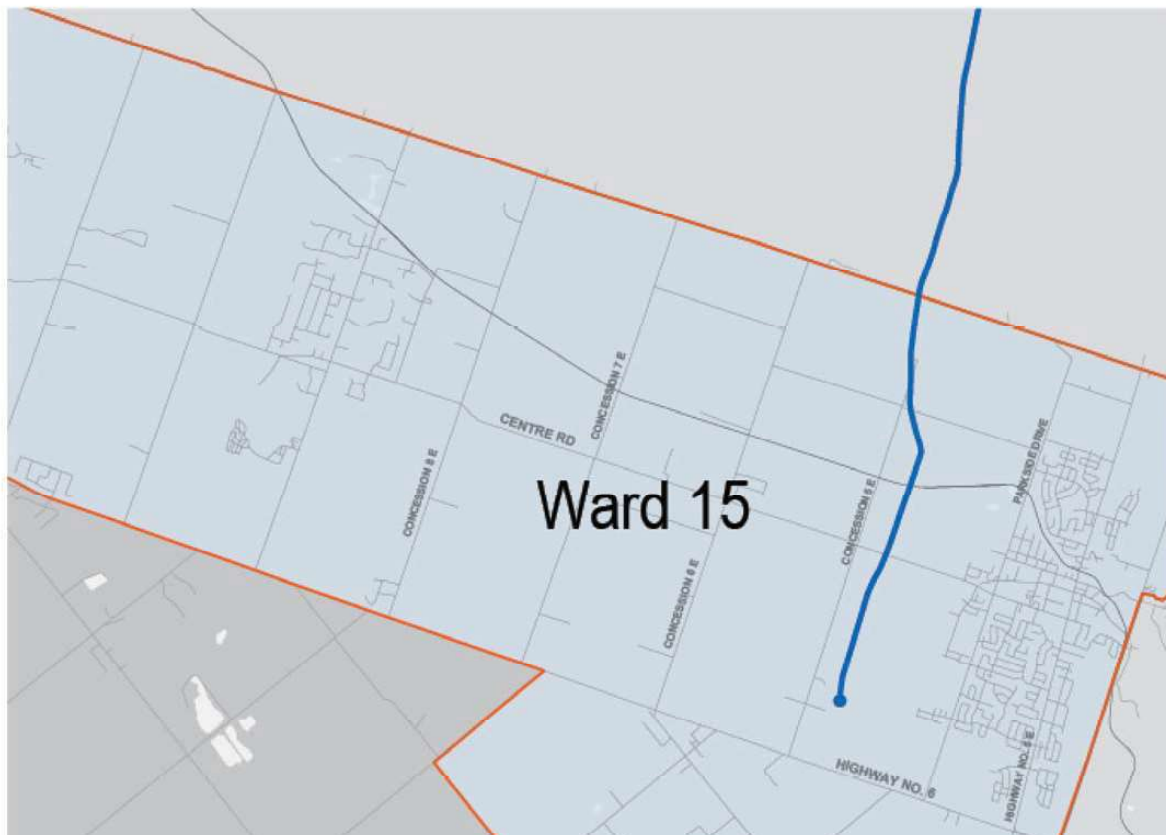
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**3:30-4:30 and 5:30-7 PM**

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Imperial anticipates filing a Leave to Construct application with the Ontario Energy Board in early 2019. Join Imperial representatives at our upcoming community information sessions where you can learn more about the Project, Ontario Energy Board's Leave to Construct process, and its associated environmental report.



# Community Information Session

Imperial will also share how the Waterdown to Finch Project has incorporated feedback heard from residents, updates to the Project schedule, construction methods and associated mitigation measures.

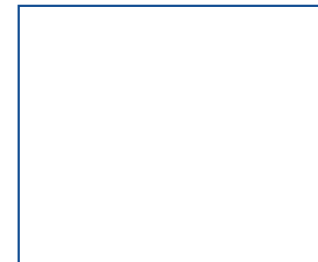
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## COMMUNITY

### CRAFTING THE RIGHT NOTE



Julia Lovett/Metroland

From left: Guy B. Brown Elementary School band members Teagan Peters, Danielle Pillar, Emily Urbanic and Abby Smolenaars, all 11, sell some sweet treats at the Waterdown Autumn Craft Show on Saturday, Oct. 13 at the Braehed Avenue school. The second annual craft fair raised money for the school's music program.

## Waterdown to Finch Project



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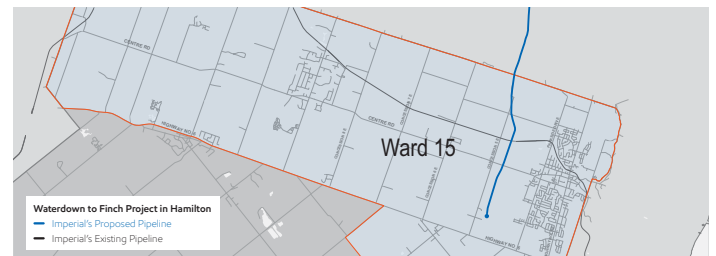
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\*Please note: in this area the new line will be in close vicinity to the existing pipeline route.

## EVENTS

### THURSDAY, NOVEMBER 1

#### Soul Food

**WHEN:** 6:00 p.m. - 7:00 p.m. **WHERE:** Grace Anglican Church - Waterdown, 157 Mill St N., Flamborough **CONTACT:** Cindy Allen, 905-689-6715, [office@graceanglicanwaterdown.org](mailto:office@graceanglicanwaterdown.org) **COST:** Dinner and Worship, 1st Thursday of each month. Relax and enjoy a gathering designed to feed the body and spirit of people of all ages. All Welcome. Parking at 182 Main St N.

### SATURDAY, NOVEMBER 3

**2nd Annual FSC Arts and Crafts Show**  
**WHEN:** 9:30 a.m. - 3:00 p.m. **WHERE:** Flamborough Seniors Centre, 163 Dundas Street East, Flamborough **CONTACT:** Jenny, 905-689-0767, [jenagold@ya-hoo.com](mailto:jenagold@ya-hoo.com) **COST:** \$25  
All talents are encouraged to participate in the show. It's for all members of the FSC. Are you a woodworker, woodcarver, dress maker, jewellery maker, potter, baker or card maker? For the low price of \$25.00 you can purchase a table.

#### Gift Shoppe and Lunch Room

**WHEN:** 10:00 a.m. - 2:00 p.m. **WHERE:** Christ Church Flamborough, 92 Highway #8, Flamborough **CONTACT:** 905-627-4498 **COST:** Shop for those unique gifts - something for everyone. Enjoy a delicious lunch.

### TUESDAY, NOVEMBER 6

#### Lots of Tots

**WHEN:** 9:30 a.m. - 12:00 p.m. **WHERE:** Bethel Christian Reformed Church, 616 Dundas St. E. Waterdown, ON, Flamborough **CONTACT:** 905-689-7796 **COST:** Sometimes you just need a morning out without the kids. And a coffee for you. Come for coffee, play time, talk and relax time. We'll have toys for the kids and coffee for the adults. Feel free to bring nut-free snacks.



#### Speech Reading Class

**WHEN:** 11:00 a.m. - 12:00 p.m. **WHERE:** Bethel Christian Reformed Church, 616 Dundas St. E. Waterdown, ON, Flamborough **CONTACT:** 905-689-7796 **COST:** How often do you say "Pardon me?" or "Stop mumbling!" Join the next speech reading class (10-week course), when you'll practise lip reading, learn coping skills and understand different aids that can help you.

#### Canadian Calorie Counters

**WHEN:** 5:00 p.m. - 6:30 p.m. **WHERE:** Millgrove United Church, 370 5th Concession West, Flamborough **CONTACT:** Donna, 289-237-5381 **COST:** Offering support to those looking to lose those extra pounds.

#### Sit! Stay! Read!

**WHEN:** 6:30 p.m. **WHERE:** Waterdown Library, 163 Dundas St East, Hamilton **CONTACT:** 905-689-6269 **COST:** In partnership with the Hamilton-Burlington SPCA, trained pet therapy dogs and adult volunteers will encourage reluctant readers to take part in literacy activities. Animals are ideal reading companions for children who may not be strong readers.

**First Waterdown Toastmasters**  
**WHEN:** 7:30 p.m. **WHERE:** Grace Anglican Church, 157 Mill St. N., Waterdown, Hamilton **CONTACT:** 905-308-4854 **COST:** Toastmasters will give you the skills and confidence needed to effectively express yourself in any situation. No appointment necessary. Every meeting is open to the public. First 3 meetings are free. Visit [www.waterdowntoastmasters.com](http://www.waterdowntoastmasters.com).

### WEDNESDAY, NOVEMBER 7

#### Single and Parenting

**WHEN:** 6:30 p.m. - 8:00 p.m. **WHERE:** Bethel Christian Reformed Church, 616 Dundas St. E. Waterdown, ON, Flamborough **CONTACT:** 905-689-7796, [office@bethelrc.ca](mailto:office@bethelrc.ca) **COST:** Single and Parenting is a group that provides support and encouragement. Following 13-week course, you'll gain practical advice and lots of hope. Child-care provided. Pre-registration required.



### THURSDAY, NOVEMBER 8

#### Community Senior Cooking Club

**WHEN:** 11:00 a.m. - 1:00 p.m. **WHERE:** Grace Anglican Church, Waterdown, 157 Mill St N., Waterdown, Hamilton **CONTACT:** Cindy Allen, 905-689-6715,

[office@graceanglicanwaterdown.org](mailto:office@graceanglicanwaterdown.org), <http://www.graceanglicanwaterdown.org> **COST:**

Come and share ideas and learn from each other as we prepare a meal in our new kitchen. Club meets the second Thursday of each month. Parking lot entrance at 182 Main St. N. Please rsvp to 905-689-6715 x 80 or [office@graceanglicanwaterdown.org](mailto:office@graceanglicanwaterdown.org)

#### Graceful Needlers

**WHEN:** 1:00 p.m. - 3:00 p.m. **WHERE:** Grace Anglican Church, 157 Mill St. N., Waterdown, Hamilton **CONTACT:** 905-689-6715 **COST:** Enjoy needle crafts and companionship over a cup of coffee. Bring hand needle work of any kind, including knitting, crochet and embroidery. Meet in Guild Room. New members welcome.

### FRIDAY, NOVEMBER 9

#### Family Game Night

**WHEN:** 6:30 p.m. - 9:00 p.m. **WHERE:** Bethel Christian Reformed Church, 616 Dundas St. E. Waterdown, ON, Flamborough **CONTACT:** 905-689-7796 **COST:** Bring your favourite game and come out for a board game night. It's an 'open house' evening. Stay as long as you'd like. Don't have any games? It's OK, we have extras. Come with family or on your own.

### SATURDAY, NOVEMBER 17

#### Fantastic Beats Scavenger Hunt

**WHEN:** 10:30 a.m. **WHERE:** Lynden Library, 110 Lynden Road, Lynden, Flamborough **CONTACT:** 519-647-2571 **COST:** Search the library for some fantastic beasts from our favourite stories! Please register. Ages 4-12.



### MONDAY, NOVEMBER 19

#### Make a Shadow Theatre

**WHEN:** 4:00 p.m. **WHERE:** Freelon Library, 1803 Brock Road, Hamilton **CONTACT:** 905-658-7639 **COST:** Make your own shadow theatre box and take it home to put on awesome shows for your family and friends. All materials provided. Please register. Ages 4-12.

### TUESDAY, NOVEMBER 20

#### Support after Suicide

**WHEN:** 7:00 p.m. - 9:00 p.m. **WHERE:** Kitching, Steepe & Ludwig Family Centre, 146 Mill St. North, Flamborough **CONTACT:** 905-689-4852 **COST:** Drop-in support is open to all adult survivors of suicide looking to find out about additional resources or to receive ongoing support.

## WEEKEND EVENTS

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## Waterdown to Finch Project

### Community Information Session

To support continued reliable supply of diesel, gasoline, and jet fuel for the Greater Toronto and Hamilton Area, Imperial plans to replace approximately 63-kilometres of the Sarnia Products Pipeline between Waterdown and North York, Toronto. This involves the replacement of the existing 12-inch pipeline with a new 12-inch pipeline.

Imperial anticipates filing a Leave to Construct application with the Ontario Energy Board in early 2019. Join us to learn more about the Project, Leave to Construct process, associated environmental report, construction methods and timelines, and how we've incorporated community feedback.

**Thursday, November 8, 2018**  
**3:30-4:30 and 5:30-7 PM**

**St. Thomas the Apostle Church:**  
Parish Center Hall  
715 Centre Road, Waterdown  
ON L0R 2H0

RSVP: [Hamilton@imperialon.ca](mailto:Hamilton@imperialon.ca)

For further information:  
T: 416.586.1915

All regional maps and project information can be found at:  
[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)

Waterdown to Finch Project in Hamilton  
— Imperial's Proposed Pipeline  
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\*Please note: in this area the new line will be in close vicinity to the existing pipeline route.

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**Ward 15**

Waterdown to Finch Project in Hamilton  
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## Canada & World



SEAN KELPATRICK / THE CANADIAN PRESS

Until the recent hike, the Bank of Canada's rate hadn't been above 1.5 per cent since 2008.

### Bank of Canada raises rate, signals future hikes to come

ANDY BLATCHFORD  
The Canadian Press

OTTAWA — The Bank of Canada raised its trend-setting interest rate Wednesday and sent signals that future hikes could be upon Canadians sooner than expected.

With a big source of trade uncertainty finally out of the way, the central bank delivered a quarter-point rate increase for the fifth time since the summer of 2017. The move lifted the benchmark to 1.75 per cent — its highest level in about a decade.

The hike arrived with Canada's economy showing resilience and the unemployment rate hovering near four-decade lows. The increase followed governor Stephen Poloz's first policy meeting since Canada agreed with the United States and Mexico this month on an updated North American free trade deal. The bank said the new trade agreement will reduce uncertainty, which it described as "an important curb" on business confidence and investment.

The removal of one of the trade shackles also coincided with a notable change: a single word yanked from the bank's statement.

Recent post-policy-meeting statements used the word "gradual" to explain how the bank's governing council would approach the timing of future rate increases.

This time around, however, the bank decided to leave the word out. Some observers interpreted the omission as a sign of the bank's shift to a faster hiking path.

Poloz insisted the word's exclusion was designed to give the bank more flexibility when it comes to the speed at which it chooses to proceed.

"Markets seem to have settled on 'gradual' meaning we would only move on every second meeting, to put it most bluntly," Poloz told reporters Wednesday when asked about the change.

"We thought, well, we really don't want to reinforce that as a locked-in, mechanical expectation. And so, this is serving notice that it could be faster or it could be slower."

Either way, the bank sent a clear message that more increases will be needed to bring the rate to a "neutral stance" in order to keep inflation from running too hot. Poloz's team has pegged the neutral rate at between 2.5 and 3.5 per cent, so several more increases are likely on the

way.

The bank stressed the pace of future hikes will be guided by how well households are adjusting to the higher interest rates, given their high levels of debt.

So far, the bank said Canadians have been making spending adjustments in response to earlier rate hikes and stricter mortgage policies — and credit growth continues to moderate. Household vulnerabilities — while still elevated — have edged down as a result, it said.

"You always need to see more data because it's still relatively early days, but they seem to be adjusting as we had expected," senior deputy governor Carolyn Wilkins said.

"I think higher interest rates are always difficult when people haven't seen them in a long time."

Poloz said he understands rate increases can be difficult for some people, but he argued the economy is running at its capacity and no longer needs stimulus.

"It's our job to prevent the thing from overheating and creating inflation pressures down the road," he said.

Until the hike Wednesday, the interest rate hadn't been above 1.5 per cent since December 2008. At that time, the bank made a three-quarter-point cut to the benchmark, bringing it to 1.5 per cent from 2.25 per cent.

Moving forward, the bank predicts the economy to remain solid. Consumer spending is expected to continue expanding at a "healthy pace," thanks in large part to the steady rise of incomes and the strength of consumer confidence.

It projects exports to keep growing at a moderate clip, even though they will face limitations from several factors — including transportation capacity constraints, global trade uncertainty and stiff competition, particularly from the U.S.

The report predicted business investment — outside the oil and gas sector — to expand due to solid domestic and foreign demand.

The bank noted, however, that Canada is still grappling with competitiveness challenges linked to major U.S. tax and regulatory changes as well as ongoing uncertainties around pipeline approval. It anticipates these factors will encourage some exporters to delay their investments or to make them outside Canada.

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**Waterdown to Finch Project**

**Community Information Session**

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## Local

### BUSHEL OF COLOUR



BARRY GRAY THE HAMILTON SPECTATOR

Colourful fruits and vegetables out front of Lighthouse Fish Market on James Street North in Hamilton brighten an otherwise dreary, rainy Wednesday.

## Narcotics stolen from pharmacy

The Hamilton Spectator

Hamilton Police Service are investigating a break-in at a Hamilton pharmacy overnight during which a large quantity of narcotics was stolen.

Police say that suspects unlawfully entered a pharmacy in the area of Osler Drive and Governors Road in Dundas during the early hours of Oct. 30. The narcotics, still unaccounted for, are of extreme concern, say police, because im-

proper consumption of the drugs can be fatal, with the risk especially high in the case of children.

Police urge the public not to touch any lost or discarded medication if it is found, but rather to call police and report the circumstances.

If you have information you believe could assist police with the investigation, contact Det.-Const. Ryan Komadowski at 905-546-8839, or Acting Det.-Sgt. George Gallan at 905-546-2891.

## JURORS

continued from // A1

A support person would include someone providing assistance to a juror with a physical disability.

It only makes sense for a juror to talk about deliberations with a doctor since deliberations are often the "most stressful and most difficult" part of jury duty, Cooper says.

He makes it clear the inner workings of a jury will still never become public, since doctors are bound by patient confidentiality and cannot reveal what is disclosed by a juror.

This proposed amendment represents "one of the few things Parliament can do" to legislate change to a jury system that largely falls under provincial jurisdiction, the MP says. "This narrow, practical change can really have an impact."

This bill is the latest in a series of reforms to Canada's jury system that began with a call to recognize that jurors are susceptible to mental trauma after hearing and seeing disturbing and graphic evidence at some trials.

There are strong Hamilton connections to this movement.

A foreman from one of convicted killer Robert Badgerow's four trials has lent his voice to the call for change.

And Ontario's former attorney general chose our John Sopinka Courthouse to unveil a toll-free number for jurors to call for free counselling, citing the high profile

Tim Bosma murder trial as one in which jurors were exposed to horrific evidence.

One of the strongest voices advocating for change belongs to Mark Farrant of Toronto. He served as jury foreman on a particularly gruesome murder trial and went public afterwards to speak of the PTSD he suffered as a result.

He quickly learned Canada has a patchwork of responses to jury trauma, ranging from the free (but limited) care in Ontario, to provinces with nothing at all.

Farrant, who participated in a federal justice committee review of the jury system earlier this year, says some doctors turned down his request for help after his trial because they were concerned about breaking the law.

Canadians have a duty to sit as jurors. Apart from conscription, it is the only call to duty citizens must answer.

Canada needs to do better at taking care of its jurors. Allowing them the legal freedom to have meaningful discussions with mental health care providers would be a good step forward.

Perhaps if better care was taken of jurors, fewer citizens called for jury duty would clamor to get out of it. Perhaps we would save time and money in our jury selection process.

That would be an improvement for our judicial system as a whole.

*Susan Clairmont's commentary appears regularly in The Spectator.*  
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# Waterdown to Finch Project



## Community Information Session

Imperial's Sarnia Products Pipeline provides gasoline, diesel and jet fuel for households and businesses across the Greater Toronto and Hamilton Area. To support continued reliability, Imperial plans to replace approximately 63-kilometres of pipeline between Imperial's Waterdown pump station and the company's terminal in Toronto's North York.

Imperial will apply for a Leave to Construct from the Ontario Energy Board in 2019. Imperial wants to share project details and answer questions at our upcoming community information sessions.

**Tuesday, July, 17, 2018  
3:30-4:30 and 6-7:30 PM**

**Living Arts Centre  
Bank of Montreal Meeting Room  
4141 Living Arts Dr,  
Mississauga, ON L5B 4B8**

RSVP: [Mississauga@Imperialon.ca](mailto:Mississauga@Imperialon.ca)

For further information or to review the notice of study, please visit:

**[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)**

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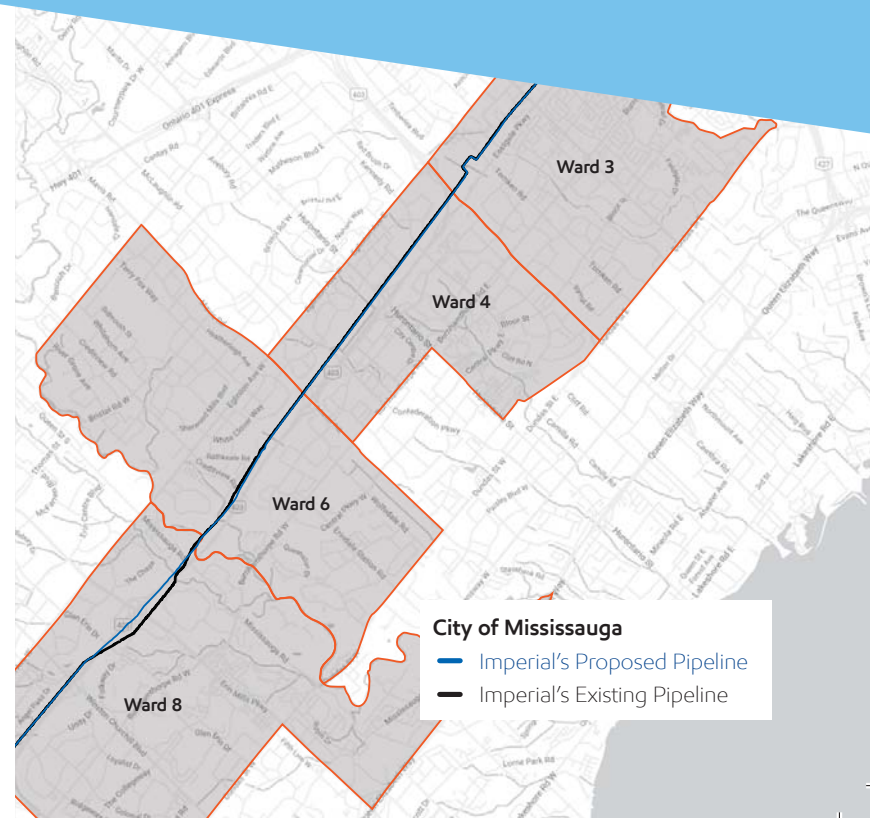


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Imperial will apply for a Leave to Construct from the Ontario Energy Board in 2019. In addition to working with the regulatory bodies and different levels of government on permitting, Imperial wants to share project details and answer questions at our community information sessions in the summer and fall of 2018.



# Community Information Session

We look to our local community members and governments to have a discussion and provide feedback about Imperial's Waterdown to Finch Project, the proposed route and the environmental study. Join us:

**Tuesday, July, 17, 2018**  
**3:30-4:30 and 6-7:30 PM**

**Living Arts Centre**  
**Bank of Montreal Meeting Room**  
**4141 Living Arts Dr, Mississauga, ON L5B 4B8**

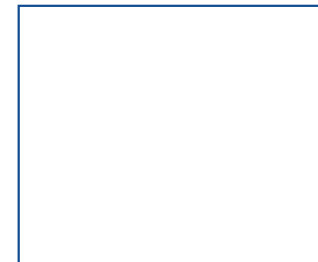
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## Jama Mahlalela named Raptors 905 coach

IAIN COLPITTS  
[icolpitts@mississauga.net](mailto:icolpitts@mississauga.net)

As expected, Raptors 905 looked in house to find their new head coach.

Jama Mahlalela was introduced as coach of the NBA G League club on June 20. He was appointed head of the Mississauga-based squad after five seasons as an assistant coach with the Toronto Raptors.

"This is such a great growth opportunity that projects my career forward, so for me, it was a no-brainer to take this on," Mahlalela told reporters at the Toronto Raptors' practice facility.

The Raptors 905 coaching position became vacant when former NBA star Jerry Stackhouse took an assistant coaching position with the NBA's Memphis Grizzlies earlier this month.

As coach of the G League club for the past two seasons, Stackhouse led Raptors 905 to a 70-30 record and back-to-back appearances in the G League final, including a run to the championship in 2017.

Mahlalela is now looking



Rick Madonik/Torstar Network

**Jama Mahlalela, seen here with Toronto Raptors guard Norman Powell was named head coach of Raptors 905 for the 2018-19 NBA G League season.**

forward to making leadership decisions as a head coach.

"I think when you're the assistant coach, you can kind of like make suggestions, but to make the actual decision, that final decision that has consequence, for me is a challenge I really want to sort of grow in," he said. "For me, that's the main step there."

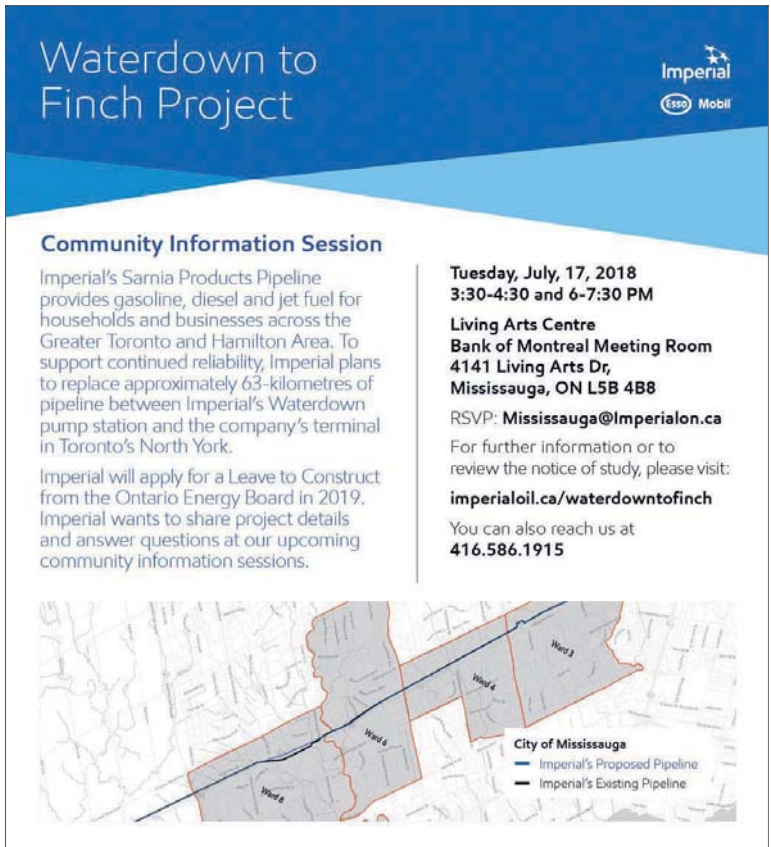
Raptors 905 have been in the G League for three seasons and have had elite players such as Axel Toupane, Edy Tavares and Lorenzo

Brown.

However, roster turnover is extremely common each season as the best players either move up to the NBA or sign more lucrative contracts to play overseas.

Mahlalela will be tasked with developing a new batch of incoming players, but he says if they show the right work ethic, they'll be good to go.

"To me, if they play with energy and effort, the rest of the stuff will figure itself out over the course of the season."



**Waterdown to Finch Project**

Imperial's Sarnia Products Pipeline provides gasoline, diesel and jet fuel for households and businesses across the Greater Toronto and Hamilton Area. To support continued reliability, Imperial plans to replace approximately 63-kilometres of pipeline between Imperial's Waterdown pump station and the company's terminal in Toronto's North York.

Imperial will apply for a Leave to Construct from the Ontario Energy Board in 2019. Imperial wants to share project details and answer questions at our upcoming community information sessions.

**Community Information Session**

**Tuesday, July 17, 2018  
3:30-4:30 and 6-7:30 PM**

**Living Arts Centre  
Bank of Montreal Meeting Room  
4141 Living Arts Dr,  
Mississauga, ON L5B 4B8**

RSVP: [Mississauga@Imperialon.ca](mailto:Mississauga@Imperialon.ca)

For further information or to review the notice of study, please visit:  
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You can also reach us at  
**416.586.1915**

**City of Mississauga**  
— Imperial's Proposed Pipeline  
— Imperial's Existing Pipeline

## Waterdown to Finch Project



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You can also reach us at  
**416.586.1915**



## CITY HALL

# Hershey Centre becomes Paramount Fine Foods Centre

ALI RAZA

[aliraza@metroland.com](mailto:aliraza@metroland.com)

Mississauga's premier sports and entertainment complex will officially be known as the Paramount Fine Foods Centre, as of July 1.

The change follows an announcement earlier this year when the city signed a new agreement for naming rights and food services with Paramount Fine Foods, a Mississauga-based restaurant chain. Founder and CEO Mohammad Fakih signed a 10-year agreement with the city after Hershey Canada Inc. chose not to renew its naming rights agreement when it expires on June 30.

The Hershey Centre, as it was known, will be known as the Paramount Fine Foods Centre, including the spectator arena, community ice rinks, field house and outdoor sports



Metroland file photo

### Hershey Centre becomes Paramount Fine Foods Centre.

fields. All @Hershey-Centre social media channels on Twitter, Facebook, and Instagram will be changed to the @PFFCentre.

New signage and enhancements reflecting the name change and partnership are in the works.

The sports and entertainment hub is one of the city's most "cherished landmarks," mayor Bonnie Crombie said in the announcement. It's home to

the Mississauga Steelheads and the Raptors 905, in addition to hosting events like Carassauga and being used by amateur athletes throughout the year.

Upcoming events at the Paramount Fine Foods Centre this summer include the Royal Canadian Family Circus, Camp 905, Classics & Rods Review Show 2018, and the Duke University Basketball Canada Tour.

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# Waterdown to Finch Project



## Community Information Session

To support continued reliable supply of diesel, gasoline, and jet fuel for the Greater Toronto and Hamilton Area, Imperial plans to replace approximately 63-kilometres of the Sarnia Products Pipeline between Waterdown and North York, Toronto. This involves the replacement of the existing 12-inch pipeline with a new 12-inch pipeline.

Imperial anticipates filing a Leave to Construct application with the Ontario Energy Board in early 2019. Join us to learn more about the Project, Leave to Construct process, associated environmental report, construction methods and timelines, and how we've incorporated community feedback.

**Thursday, November 15, 2018  
3:30-4:30 and 5:30-7 PM**

**Mississauga Living Arts Centre:**

BMO Room (2<sup>nd</sup> floor)  
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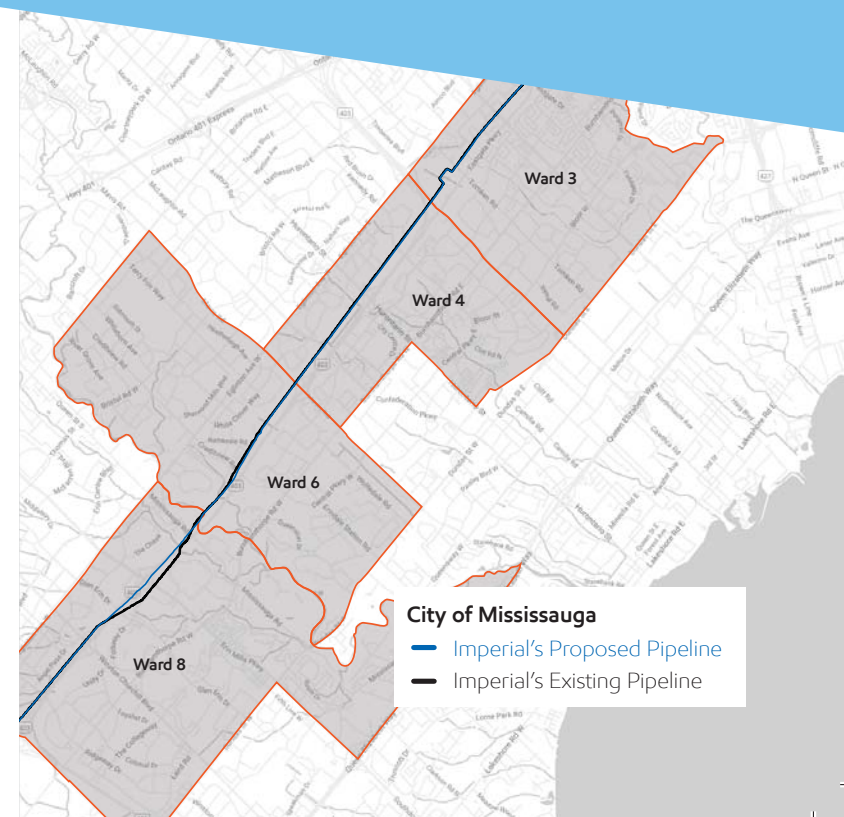
\*Please note: in this area the new line will be in close vicinity to the existing pipeline route.

# Waterdown to Finch Project



Imperial's Sarnia Products Pipeline provides gasoline, diesel and jet fuel for households and businesses across the Greater Toronto and Hamilton Area. To support continued reliability, Imperial plans to replace approximately 63-kilometres of pipeline between the company's Waterdown pump station and its terminal in Toronto's North York. This includes the straight replacement of the existing 12-inch pipeline with a new 12-inch pipeline.

Imperial anticipates filing a Leave to Construct application with the Ontario Energy Board in early 2019. Join Imperial representatives at our upcoming community information sessions where you can learn more about the Project, Ontario Energy Board's Leave to Construct process, and its associated environmental report.



# Community Information Session

Imperial will also share how the Waterdown to Finch Project has incorporated feedback heard from residents, updates to the Project schedule, construction methods and associated mitigation measures.

**Thursday, November 15, 2018**  
**3:30-4:30 PM and 5:30-7:00 PM**

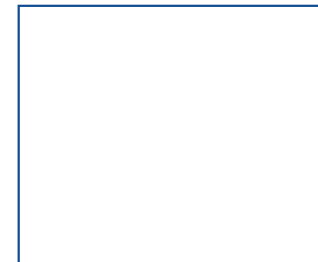
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IT'S ALL HERE

## CRIME

# 'FIT FOR DUTY': PEEL REGIONAL POLICE WON'T BE BANNED FROM LEGAL POT USE

PAM DOUGLAS  
pdouglas@thebrampton  
guardian.com

Peel Regional Police officers will be allowed to consume cannabis on their personal time, but must report to work "fit for duty," according to the service's policy in anticipation of the legalization of marijuana.

Unlike other services that have introduced more restrictive policies - Calgary police have banned their officers from consuming cannabis entirely and Toronto police officers and RCMP must abstain for 28 days before duty - Peel police are treating recreational pot use by their officers and civilian employees the same way they treat alcohol.

"It really isn't that different from alcohol," said Peel Supt. Manny Rodrigues at a news conference in Brampton the day before legaliza-



Bryon Johnson/Metroland

Peel Regional Police officers will not be banned from using pot on their personal time, but they must report "fit for duty." The policy is the same as the service's approach to alcohol use by employees.

tion. "We don't dictate the last drink of alcohol."

Rodrigues said Peel police consulted with human resources and the Peel Regional Police Association in deciding how to address recreational marijuana use by officers and civilian employees.

The emphasis is on public and officer safety, Rodrigues said.

The standard of showing up for work "fit for duty" is defined as "mentally, emotionally and physically able to safely and competently perform assigned duties without any limitations attributable to, but not limited to, illness, injury, fatigue, mental stress, or the use and/or after-effects of alcohol or drugs," according to the policy.

## Waterdown to Finch Project



### Community Information Session

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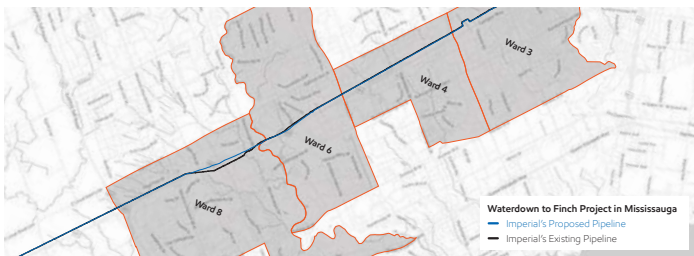
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\*Please note: in this area the new line will be in close vicinity to the existing pipeline route.

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Michael Clouse 905-822-2149  
113-2155 Leanne Boulevard L5K 2K8

**Tabuchi Law Offices**  
Maureen Tabuchi 416-477-5673  
5-120 Watline Avenue L4Z 2C1

**Gordon Z. Bobesich Law Office**  
Gordon Bobesich 905-858-4030  
6503 Mississauga Road L5N 1A6

**Bissoon Legal Professional Corporation**  
Sean Bissoon 647-770-1737  
1396 Beemer Avenue L5H 2A7

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Ali Shaikh 1-855-453-4440 Cell 647-207-3309  
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**Khassria Law Office**  
Jit Khassria 905-282-1665  
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**Balasunderam Law Office**  
Sathish Balasunderam 905-275-9871  
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NEWS

# NO CHARGES YET IN CRASH THAT KILLED MOM AND YOUNG SON

LOUIE ROSELLA  
lrosella@mississauga.net

The 18-year-old driver involved in the deadly Mississauga crash that killed a mother and her young son has been released from police custody and has yet to be formally charged.

Const. Akhil Mookan told The News the double fatal crash continues to be an "active investigation" and investigators from the force's major collision bureau are still waiting on tests and other information before making a decision on charges.

The teenage driver was in hospital with serious injuries and under police guard for several days.

Khushboo Dogra, 31, and her two-year-old son, Prakrit, were killed in the collision at Mavis and Burnhamthorpe roads, which occurred just after 2 a.m. on November 1.

The father, 33-year-old Sanket Dogra, remains in hospital in a coma.



Facebook photo

Khushboo Dogra, 31, and her two-year-old son Prakrit, were killed in the violent collision at Mavis and Burnhamthorpe roads in Mississauga on Nov. 1. The father, 33-year-old Sanket Dogra, remains in hospital. The three are shown here.

A GoFundMe page has been set up in an effort to help cover funeral costs and Sanket's long road to recovery.

"It is difficult to imagine what the awareness of this tragedy will do to him after he regains consciousness," the family said in a statement.

Family friends said Sanket came here from India a few years ago as part of his job working for a tech firm in India. He brought his family here last year and they settled in Mississauga.

Police had said investigators were looking at speed and impairment as potential factors in the collision.

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## Waterdown to Finch Project

Imperial Esso Mobil

### Community Information Session

To support continued reliable supply of diesel, gasoline, and jet fuel for the Greater Toronto and Hamilton Area, Imperial plans to replace approximately 63-kilometres of the Sarnia Products Pipeline between Waterdown and North York, Toronto. This involves the replacement of the existing 12-inch pipeline with a new 12-inch pipeline.

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# Waterdown to Finch Project



## Community Information Session

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Imperial will apply for a Leave to Construct from the Ontario Energy Board in 2019. Imperial wants to share project details and answer questions at our upcoming community information sessions.

**Wednesday, July, 25, 2018  
4:30-5:30 and 6-7:30 PM**

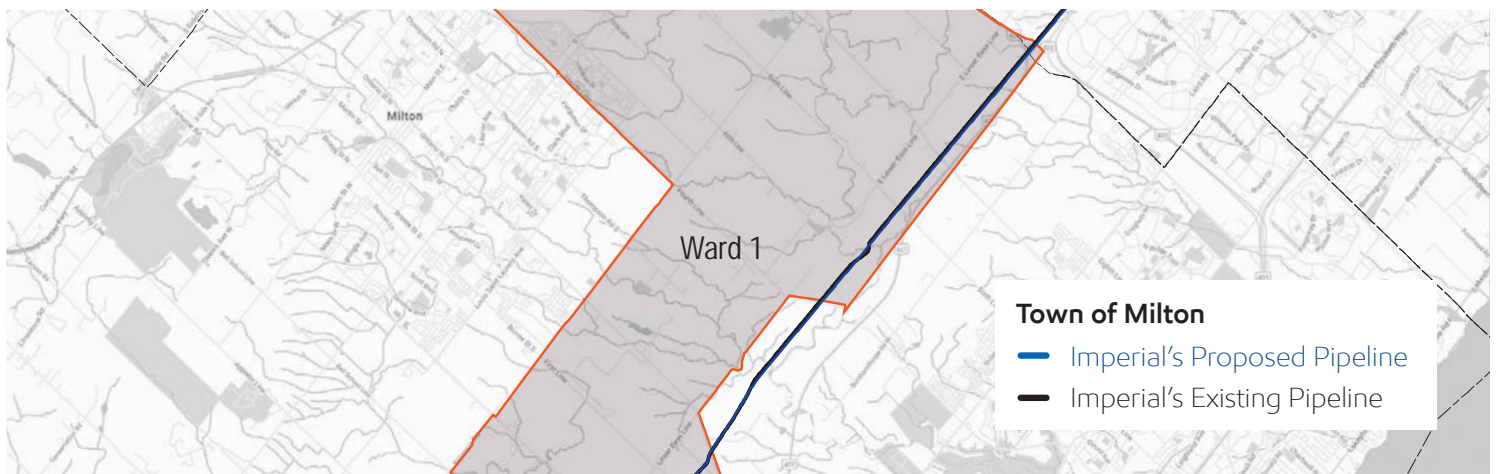
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150 Mary Street  
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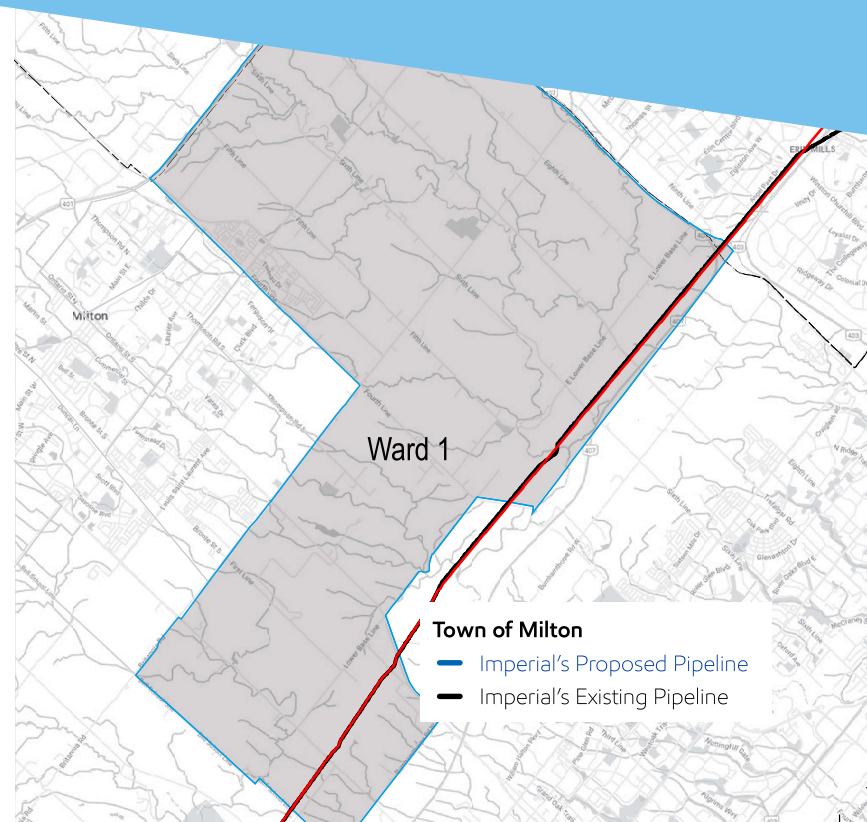


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Imperial will apply for a Leave to Construct from the Ontario Energy Board in 2019. In addition to working with the regulatory bodies and different levels of government on permitting, Imperial wants to share project details and answer questions at our community information sessions in the summer and fall of 2018.



# Community Information Session

We look to our local community members and governments to have a discussion and provide feedback about Imperial's Waterdown to Finch Project, the proposed route and the environmental study. Join us:

**Wednesday, July 25, 2018  
4:30-5:30 and 6-7:30 PM**

**Milton Town Hall  
Milton Room  
150 Mary Street, Milton ON**

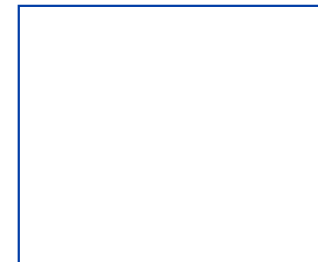
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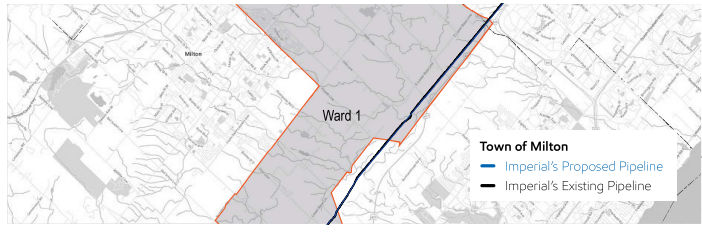
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Ward 1

Town of Milton

- Imperial's Proposed Pipeline
- Imperial's Existing Pipeline

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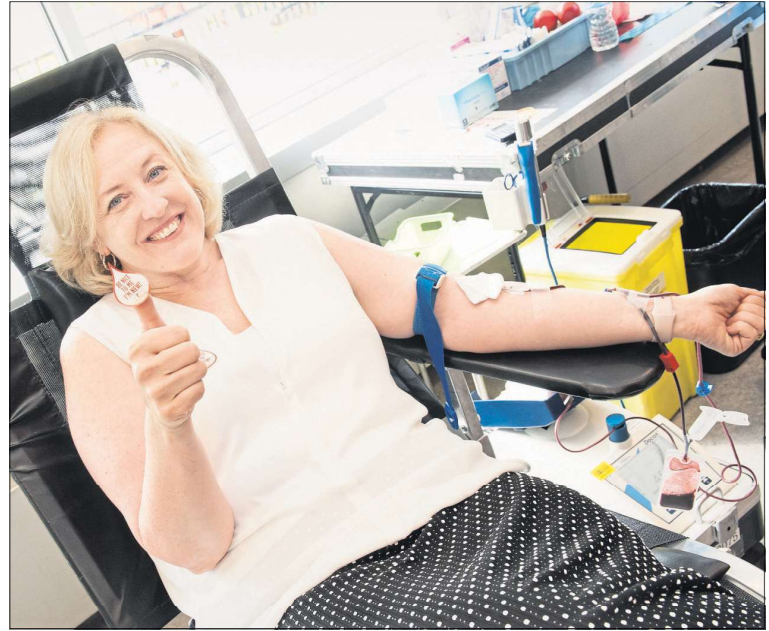
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## COMMUNITY

### GIVING THE GIFT OF LIFE



Graham Paine/Metroland

Milton MP Lisa Raitt lends her arm in support of the Canadian Blood Services' summer blood drive, a time when donations are typically down, by being a first-time donor Saturday (July 14) at Milton Sports Centre. It was hoped 100 donations would be made during the four-hour clinic.

## Waterdown to Finch Project



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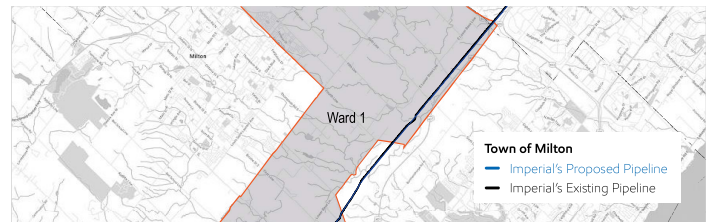
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**Wednesday, November 7, 2018**  
**3:30-4:30 and 5:30-7 PM**

**Milton Town Hall:**

Milton Room  
150 Mary Street, Milton  
ON L9T 6Z5

RSVP: [Milton@Imperialon.ca](mailto:Milton@Imperialon.ca)

For further information:

T: **416.586.1915**

All regional maps and project information can be found at:  
**[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)**



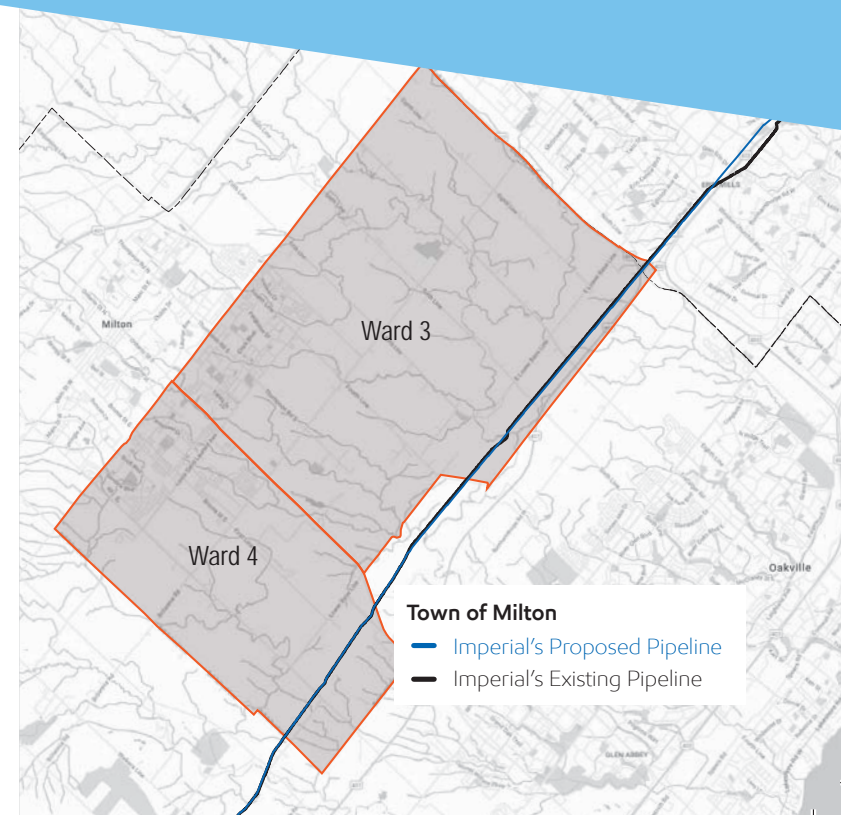
\*Please note: in this area the new line will be in close vicinity to the existing pipeline route.

# Waterdown to Finch Project



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# Community Information Session

Imperial will also share how the Waterdown to Finch Project has incorporated feedback heard from residents, updates to the Project schedule, construction methods and associated mitigation measures.

**Wednesday, November 7, 2018**  
**3:30-4:30 PM and 5:30-7:00 PM**

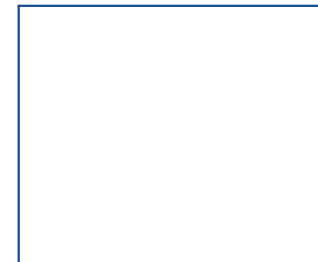
**Milton Town Hall:**

Milton Room  
150 Mary Street,  
Milton, ON, L9T 6Z5

RSVP: **[Milton@imperialon.ca](mailto:Milton@imperialon.ca)**

For further information please visit:  
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or call: **416-586-1915**

Imperial  
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Waterdown, ON  
L8B 1K5





**Present Breakfast With SANTA**  
Sunday, November 25, 2018  
RattleSnake Point Golf Club

Adult Ticket \$60  
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Two Seatings  
9:00 AM - 11:00 AM  
or Noon - 2:00 PM

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More Info at [www.mdhf.ca](http://www.mdhf.ca) or Contact Sarah 905-878-2383 ext. 7175

## COMMUNITY

# HALTON LOWE'S/RONA STORES OFFER FINANCIAL BOOST TO COMMUNITY GROUPS

Lowe's and RONA stores across Halton did their part towards a nation-wide \$1.1 million Be A Hero campaign to aid community groups throughout Canada.

Five outlets in the region raised a combined \$19,274.29, with the Milton Lowe's leading the way with \$8,267.82. That tally, plus the

\$4,562.25 collected at Lowe's in Burlington, will go to Halton Women's Place, which has shelters in both communities.

RONA Oakville's Windsor Drive and Speers Road locations raised \$3,003 and \$1,685 respectively, to go to Ian Anderson House Foundation and Fare Share Food

Bank.

Burlington Rotary Community Hospice will be the recipient of \$1,756.13, thanks to donations at RONA Burlington.

Lowe's Canada matched 50 per cent of all funds raised through the in-store campaign, up to a maximum of \$2,000 per store.

**WE'RE THERE WHEN NEWS HAPPENS IN YOUR COMMUNITY.**



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[INSIDEHALTON.COM](http://INSIDEHALTON.COM)

## Waterdown to Finch Project



### Community Information Session

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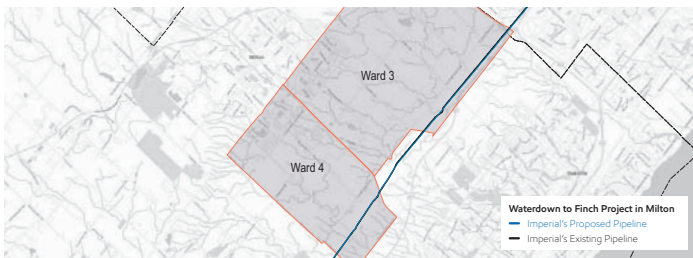
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\*Some conditions may apply.

COMMUNITY

# WHAT'S ON THIS WEEKEND

1

## YULETIDE FAYRE

When: Saturday Nov. 3 from 9:00 a.m. to 2:00 p.m.  
Where: Grace Anglican Church, 317 Main Street East, Milton  
More Info: Enjoy one of the best lunches in town while getting a jump on your holiday shopping. See a variety of local arts and crafts, and even pick up a tasty treat at the bake table.

2

## ST. ANDREW'S CHRISTMAS CRAFT SALE

When: Saturday Nov. 3 from 9:00 a.m. to 2:00 p.m.  
Where: St. Andrew's United Church, 89 Mountainview Road South, Halton Hills  
More Info: The 6th annual sale includes a Santa and a golf contest.

3

## FALL LOCKDOWN 2018

When: Saturday Nov 3, 7:00 p.m. to 12:00 a.m.  
Where: 8560 Tremaine Road, Milton ON  
More Info: Is the Lucas House in Milton haunted? Come find out.

4

## CHANTAL KREVIUZUK AND RAINE MAIDA: MOON VS. SUN

When: Saturday Nov. 3, 8:00 p.m. to 11:59 p.m.  
Where: FirstOntario Arts Centre Milton, 1010 Main Street Street E., Milton  
More Info: Our Lady Peace front main Raine Maida teams up with Chantal Kreviazuk for their first ever project, exploring the depth of their partnership and musical influences.

5

## ANANDI BHATTACHARYA

When: Sunday Nov. 4 from 7:00p.m. to 10:00 p.m.  
Where: The Burlington Performing Arts Centre  
More Info: Hear a Contemporary take on classic Indian music with Bhattacharya.

# Waterdown to Finch Project



## Community Information Session

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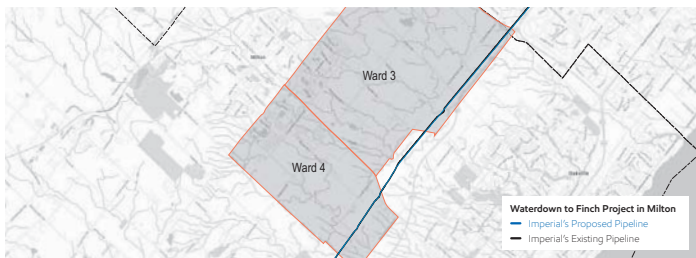
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# PHOTOS WITH Santa

Friday November 9<sup>th</sup>  
3pm - 9pm  
Saturday November 10<sup>th</sup>  
9am - 6pm

Contact our milton stores for details

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# Waterdown to Finch Project



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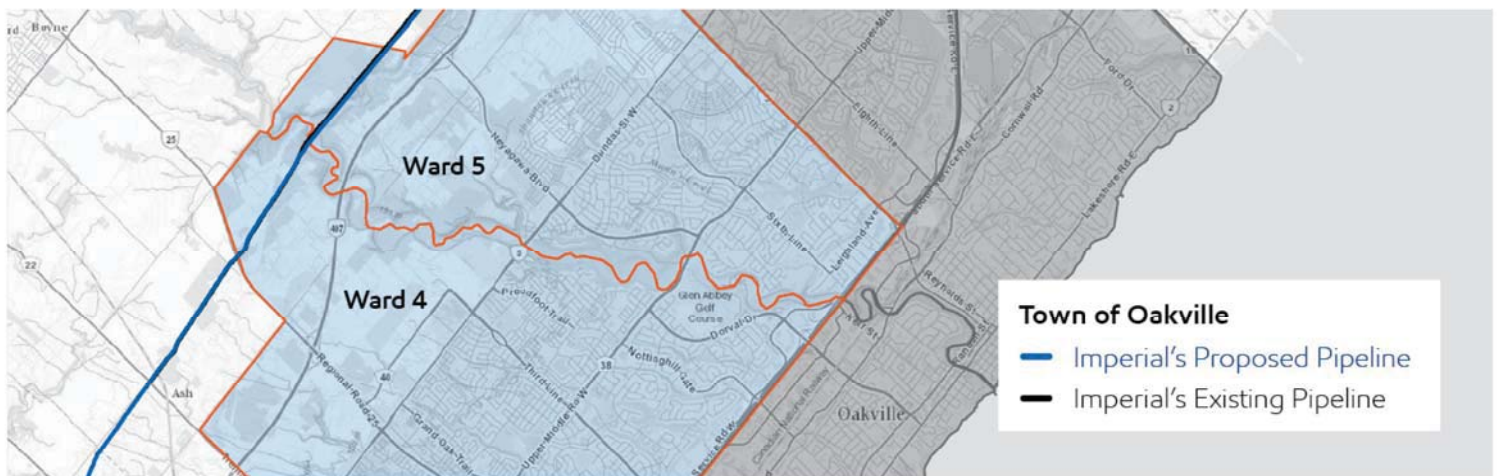
**River Oaks Community Centre  
Meeting Room B  
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RSVP: [Oakville@imperialon.ca](mailto:Oakville@imperialon.ca)

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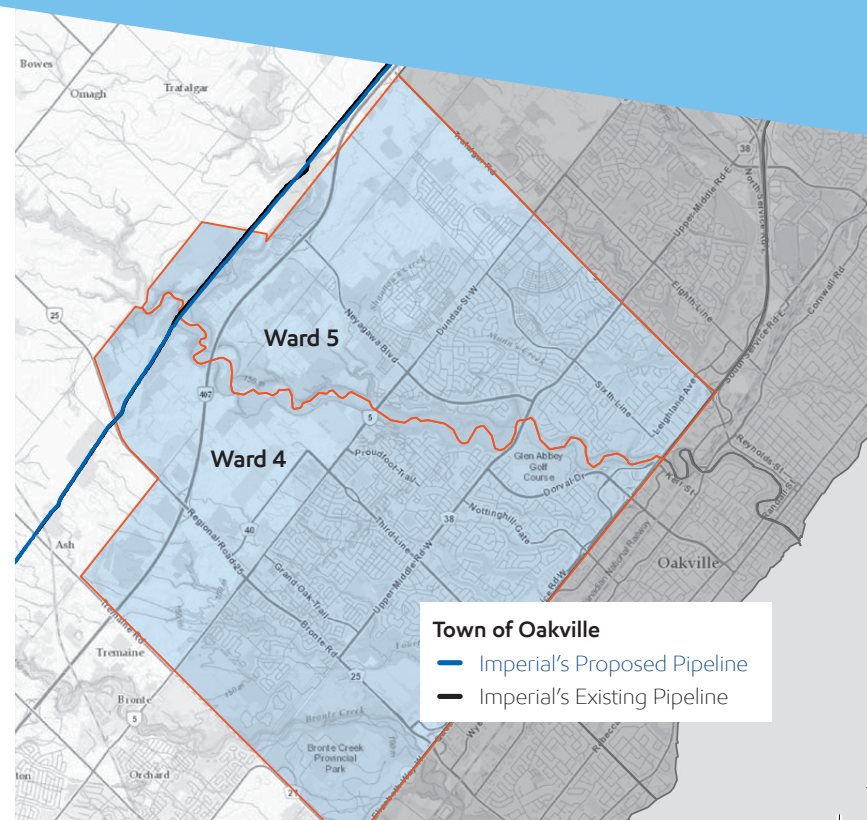


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Imperial will apply for a Leave to Construct from the Ontario Energy Board in 2019. In addition to working with the regulatory bodies and different levels of government on permitting, Imperial wants to share project details and answer questions at our community information sessions in the summer and fall of 2018.



# Community Information Session

We look to our local community members and governments to have a discussion and provide feedback about Imperial's Waterdown to Finch Project, the proposed route and the environmental assessment. Join us:

**Monday, July 16, 2018**  
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**Meeting Room B**  
**2400 Sixth Line, Oakville, ON**

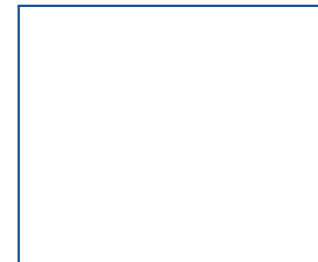
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Imperial  
100 5th Conc E Rr 1  
Waterdown, ON  
L8B 1K5





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\* Arbor Memorial Inc. survey of 1,033 Canadians conducted by Environics Research Group Ltd. in August 2015


## FOR A GOOD CAUSE



Graham Paine/Metroland

From left, Dr. Terry Papneja, President, Aim for Seva, Arun Luthra, treasurer Aim for Seva, and event co-chairs Ray Khanna and Shawn Anand get ready to tee off at the June 24 Maharaja's Golf Classic at Glen Abbey Golf Club. The tournament was in support of Aim for Seva. The All India Movement (AIM) for Seva is a NGO involved in providing value-based education to rural and tribal children across India.

## CONCRETE



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## Waterdown to Finch Project



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**Town of Oakville**  
— Imperial's Proposed Pipeline  
— Imperial's Existing Pipeline

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We are a new innovative treatment center for sufferers of back, neck and other chronic pain.

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We fix the cause of the problems that you are suffering from, we don't just treat the pain.

KKT has been safely applied 450,000+ times over 15 years and now has 24 centers across 11 countries. We are pleased to inform you that the inventor of this new technology, Dr. Aslam Khan, is currently based out of our new clinic in Streetsville Mississauga. Our team looks forward to providing this treatment option to residents in Mississauga and surrounding areas.

KKT is the solution people are seeking. Let us help stop your pain from taking away the things you love to do in life, and put an end to needless suffering.

**Please visit our website [www.kktspine.com](http://www.kktspine.com) to learn more.**

We invite you to visit us at our new location 370 Queen Street South.  
For more information please call 905-285-0005 or email [toronto@kktspinetreatment.com](mailto:toronto@kktspinetreatment.com).

## COMMUNITY

### SCHOOL SUPPLIES FOR YOUTH ABROAD



Nikki Wesley/Metroland

From left, Amanda and Alicia Sullivan, Sunningdale Public School Principal Loui Silvestri, David and Daniel Sullivan, and David MacDonald show off the bins filled with school supplies collected by Guy's Hill Primary School in Jamaica. The Sullivan family is committed to outfitting youth attending the rural Caribbean school with supplies to help them achieve academic success. The Sullivans are also accepting financial donations to purchase pencils, pens, erasers, sharpeners, rulers, crayons and notebooks – enough to outfit each Guy's Hill Primary School student with classroom essentials. To make a donation, search Supplies for Better Learning at [www.gofundme.com](http://www.gofundme.com).



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\$15 (Stu)

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**Waterdown to Finch Project**

**Community Information Session**

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3:30-4:30 and 5:30-7 PM**

### **Oakville Soccer Club:**

Edith Sorensen Community Room  
1520 Pine Glen Road, Oakville  
ON L6M 4P4

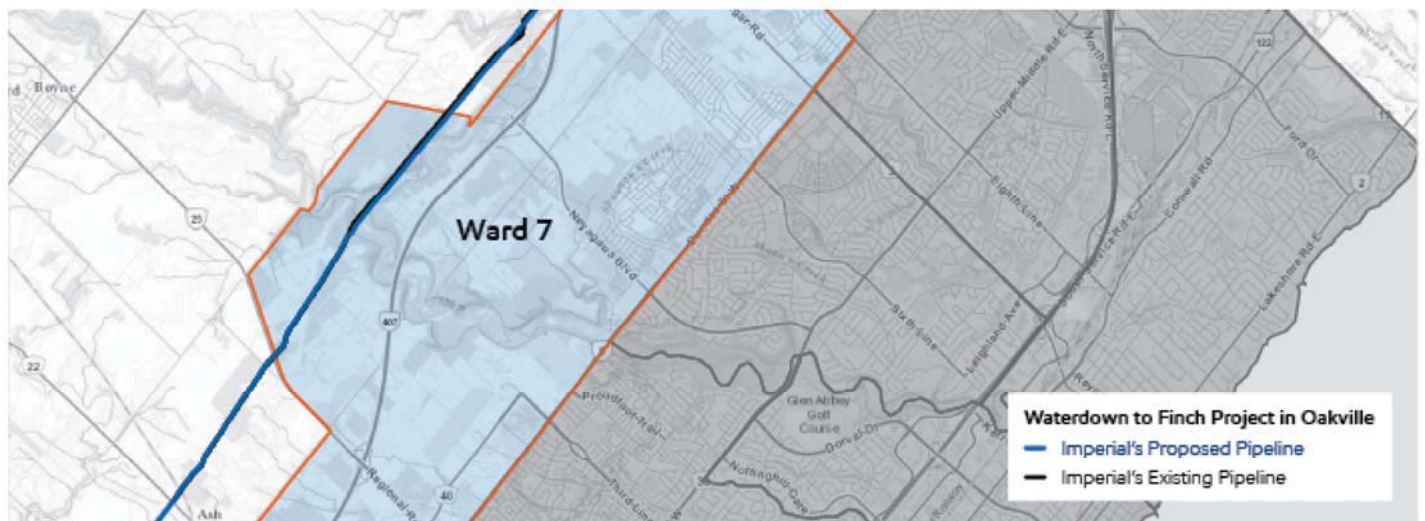
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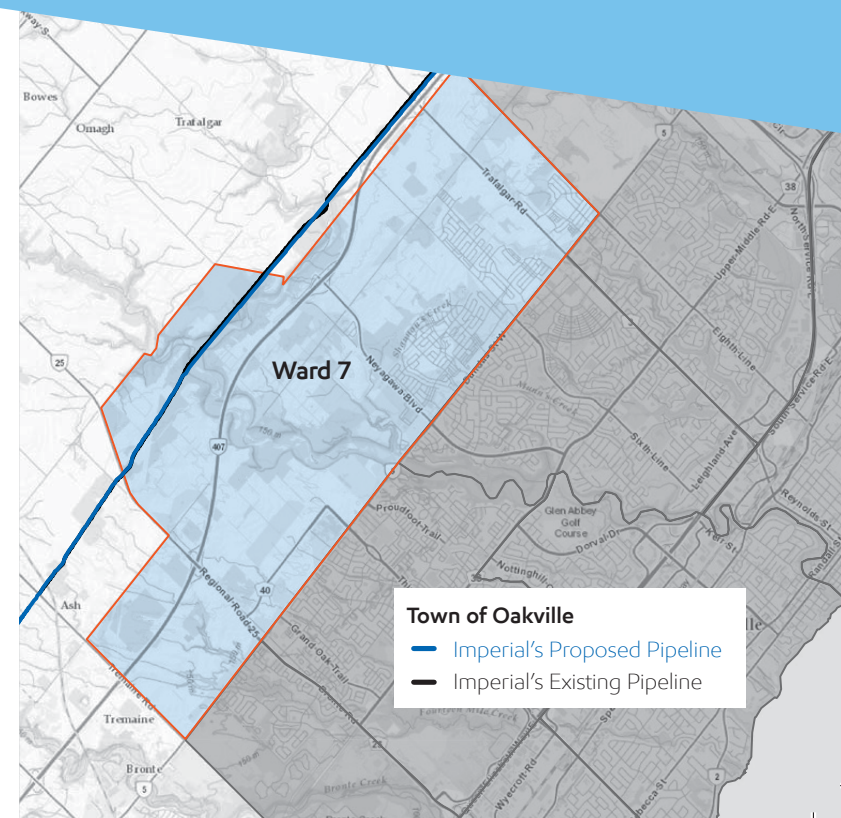
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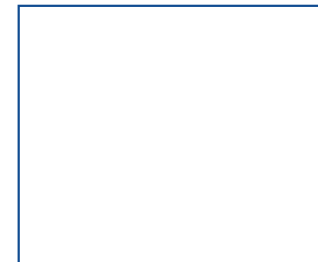
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or call: **416-586-1915**

Imperial  
100 5th Conc E Rr 1  
Waterdown, ON  
L8B 1K5



NEWS

# HALTON CATHOLIC SCHOOL BOARD NAMES 5-PERSON ELECTION AUDIT COMMITTEE

THE COMMITTEE OVERSEES REQUESTED EXPENSE AUDITS OF CANDIDATES FOR CATHOLIC SCHOOL BOARD TRUSTEE.

SAIRA PEESKER  
speeker@metroland.com

Halton's Catholic school board has named five people to form the committee that will oversee audits of trustee candidates' election expenses. The Halton Catholic District School Board's compliance audit committee, as of Dec. 1, will include Jerry Fahrner and David Morton, external members of the board's audit committee; Carleen Thompson and Filomena



Halton Catholic school board logo

Volante, co-chairs of its Catholic parent involvement committee; and Fred Sweeney, a former director of education at the board. "The committee is tasked with reviewing written applications submitted... by an (elector) that is requesting an audit of a candidate's campaign election finances," states a report received by trustees at their final meeting as a board on Tuesday, Oct. 16. New trustees will be elected during the municipal election on Monday, Oct.

22. "It is the responsibility of the committee to either grant or reject an audit request... and if granted, the committee is also tasked with appointing an auditor and reviewing the resulting audit report. "Those selected for the role can not be members or employees of the board, candidates for election in the current cycle or registered third-party advertisers. The four-year term runs from December until Nov. 30, 2022, with members working only on an as-needed basis.

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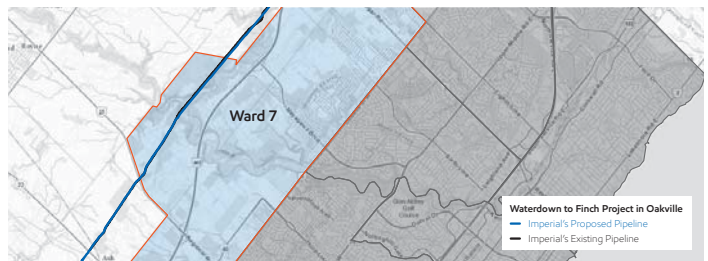
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# Free Installation!\*

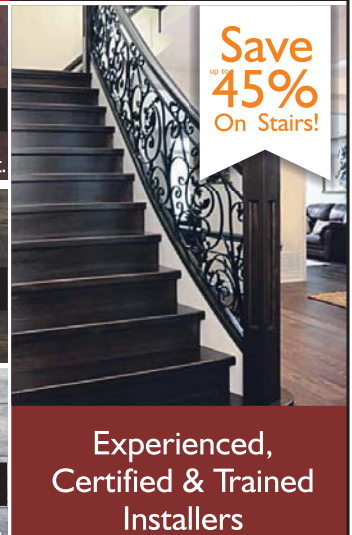
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NEWS

# GARY CARR ENTERS FOURTH TERM AS HALTON REGION CHAIR

Gary Carr was elected to his fourth term as Halton Region Chair, defeating the only other candidate for the job, Anne Marsden.

Carr won with 79,775 votes while Marsden had 41,136 votes. The 63-year-old incumbent campaigned on a platform of experience and leadership throughout an almost three-decade political career as an MPP, an MP and legislature speaker, prior to being elected regional chair in 2006.

"We need a regional chair with strong experienced leadership and a proven track record in or-

der to keep Halton Region the best," said Carr.

Halton has the best record in all of Canada in keeping taxes low, investing in infrastructure, programs for people, protecting the environment and creating jobs, he said.

"As chair, we will continue to create jobs."

As Halton prepares to update its official plan, Carr said he has been vocal in meetings with Halton mayors and the province, that the official plan will be a "made-in Halton" plan, not one written in Queen's Park."



Graham Paine/Metroland



Top: Halton Regional Council chambers Left: Incumbent regional chair Gary Carr was victorious over the only other candidate, Anne Marsden.

## Waterdown to Finch Project



### Community Information Session

To support continued reliable supply of diesel, gasoline, and jet fuel for the Greater Toronto and Hamilton Area, Imperial plans to replace approximately 63-kilometres of the Sarnia Products Pipeline between Waterdown and North York, Toronto. This involves the replacement of the existing 12-inch pipeline with a new 12-inch pipeline.

Imperial anticipates filing a Leave to Construct application with the Ontario Energy Board in early 2019. Join us to learn more about the Project, Leave to Construct process, associated environmental report, construction methods and timelines, and how we've incorporated community feedback.

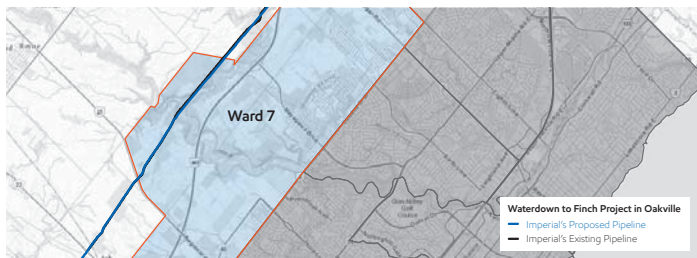
**Wednesday, November 14, 2018  
3:30-4:30 and 5:30-7 PM**

**Oakville Soccer Club:**  
Edith Sorensen Community Room  
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ON L6M 4P4

RSVP: [Oakville@imperialon.ca](mailto:Oakville@imperialon.ca)

For further information:  
T: **416.586.1915**

All regional maps and project  
information can be found at:  
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\*Please note: in this area the new line will be in close vicinity to the existing pipeline route.

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# Waterdown to Finch Project



## Community Information Session

Imperial's Sarnia Products Pipeline provides gasoline, diesel and jet fuel for households and businesses across the Greater Toronto and Hamilton Area. To support continued reliability, Imperial plans to replace approximately 63-kilometres of pipeline between Imperial's Waterdown pump station and the company's terminal in Toronto's North York.

Imperial will apply for a Leave to Construct from the Ontario Energy Board in 2019. Imperial wants to share project details and answer questions at our upcoming community information sessions.

**Wednesday, July, 18, 2018**  
**3:30-4:30 and 6-7:30 PM**

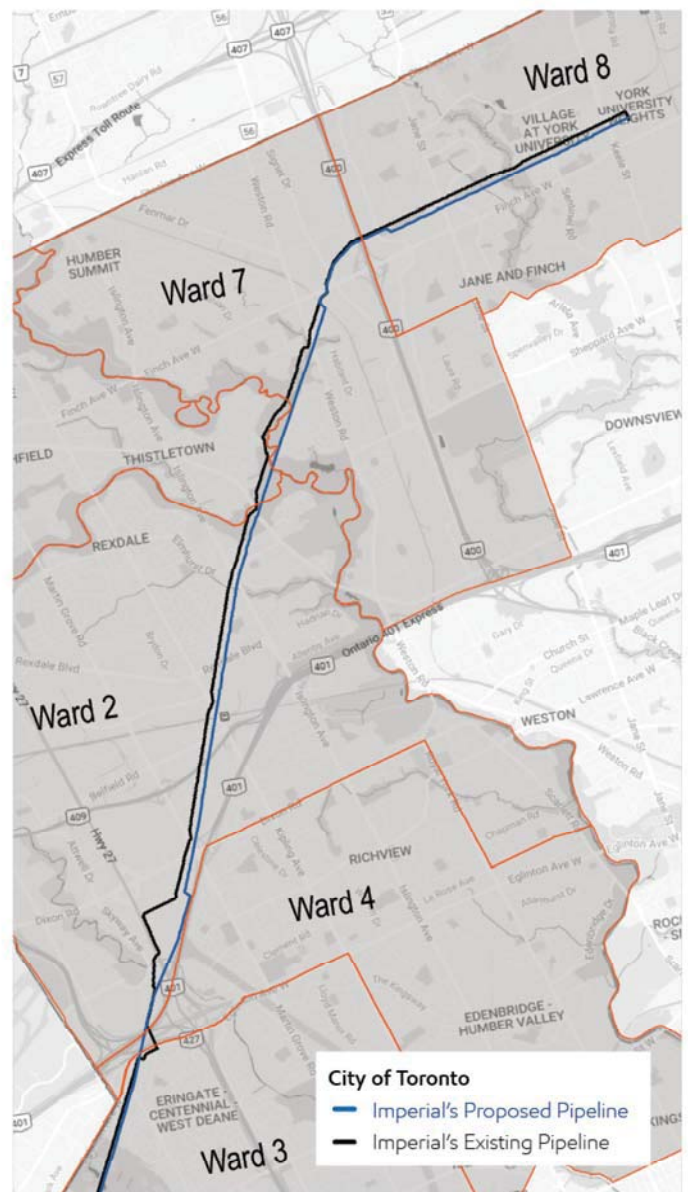
**Royal Canadian Legion**  
**Branch 286 - Main Hall**  
**11 Irwin Road, Toronto,**  
**ON M9W 2P6**

RSVP: [Toronto@Imperialon.ca](mailto:Toronto@Imperialon.ca)

For further information or to review the notice of study, please visit:

**[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)**

You can also reach us at **416.586.1915**

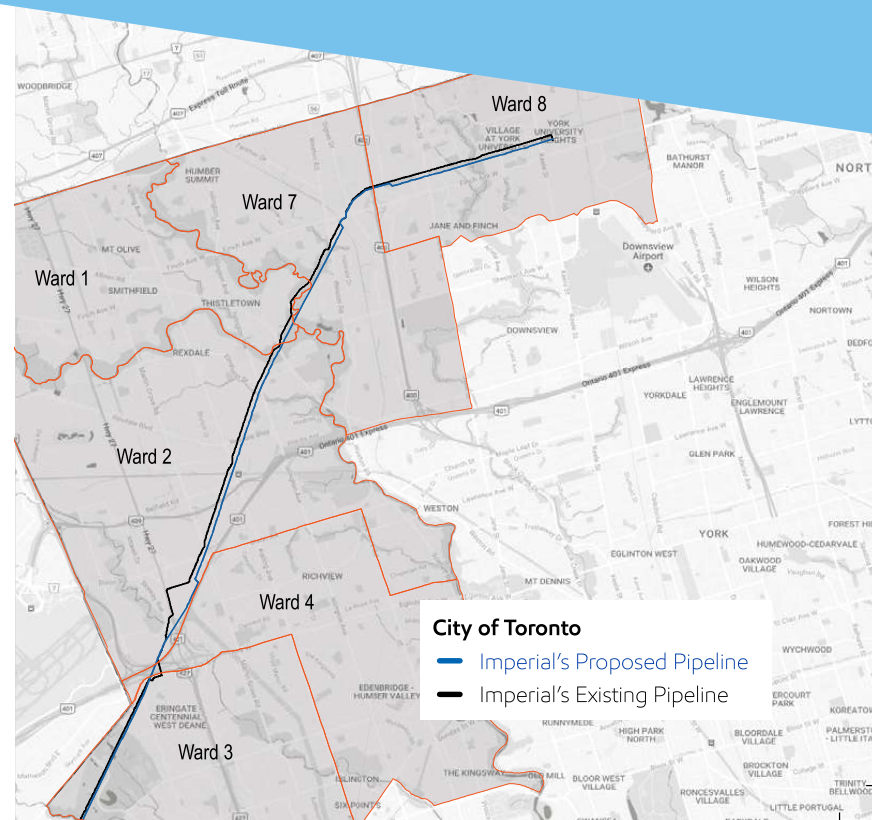


# Waterdown to Finch Project



Imperial's Sarnia Products Pipeline provides gasoline, diesel and jet fuel for households and businesses across the Greater Toronto and Hamilton Area. To support continued reliability, Imperial plans to replace approximately 63-kilometres of pipeline between Imperial's Waterdown pump station and the company's terminal in Toronto's North York. Imperial will replace the 12-inch pipeline with a 12-inch pipeline.

Imperial will apply for a Leave to Construct from the Ontario Energy Board in 2019. In addition to working with the regulatory bodies and different levels of government on permitting, Imperial wants to share project details and answer questions at our community information sessions in the summer and fall of 2018.



# Community Information Session

We look to our local community members and governments to have a discussion and provide feedback about Imperial's Waterdown to Finch Project, the proposed route and the environmental study. Join us:

**Wednesday, July, 18, 2018**  
**3:30-4:30 and 6-7:30 PM**

**Royal Canadian Legion Branch 286**  
**Main Hall**  
**11 Irwin Road, Toronto, ON M9W 2P6**

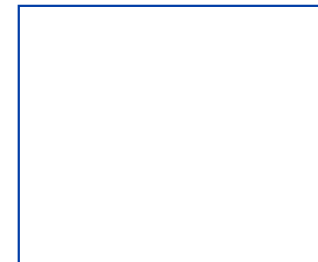
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Imperial  
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38 CONTRIBUTED

# FRANCES BELLIS CELEBRATES 100TH BIRTHDAY WITH FAMILY

## GREAT-GRANDMOTHER MADE UNIFORMS FOR CANADIAN SOLDIERS IN SECOND WORLD WAR

JOAN VASTOKAS  
newsroom@toronto.com

An Etobicoke resident since 1945, Mrs. Frances Bellis turns 100 years of age on July 13.

Born in New York City in Brooklyn in 1918, Bellis is the eldest daughter of Lithuanian immigrants Pranas (Frank) and Anastasia Gaizauskas. The family repatriated in 1922 when Lithuania was liberated from Russia.

When political conditions once again deteriorated, the family moved to Canada in 1929.

She attended Charles D. Fraser Junior Public School and Central Technical School before joining her father's tailoring busi-

ness on Adelaide Street in downtown Toronto.

After marriage to Joseph Bellis (formerly Belickas), whom she met in the choir at St. John the Baptist Catholic Church, they had three daughters: Joan Vastokas, Marilyn Moortgat and Constance Krille. She has four grandchildren and three great-grandsons, each of whom she is most proud.

During the Second World War, Bellis worked for Tip Top Tailors, crafting uniforms for the Canadian military. For this service, child care was paid for by government wartime funds. When the war ended, Bellis and her family moved to their present home on Waniska Avenue

in Etobicoke, a bungalow built by her husband and his various tradesmen friends of mostly Italian immigrant background.

In the late 1940s and early 1950s, Bellis helped out the local Girl Guides company as badge secretary, teaching and testing guides for their merit badges. After various tailoring positions, she joined the Simpson's department store in the then-new Sherway Gardens - her favourite job of all, she said. There, she worked in the fabrics department, and she attended fashion shows for the company and advised customers on fabrics and sewing tips.

She retired in 1980 to care for her ailing husband until his death in 1981. Since then, she has spent her time gardening, both at home and at her eldest daughter's farm near Queensborough, in eastern Ontario, where she enjoyed

watching the young Angus calves cavorting over the hillsides in springtime.

These days, she spends her time reading the Toronto Star in all its detail, and detective novels - Grisham is her favourite - and watching daily TV news reports of both Canadian and American politics.

Her greatest pleasure of all has been the birth of three great-grandsons and seeing them develop to school age.

Congratulations on her centennial have been received from the Queen, Pope Francis, Prime Minister Justin Trudeau, Gov. Gen. Julie Payette, and former Etobicoke-Lakeshore MPP Peter Milczyn.

Forty invited guests are expected at a barbecue party catered by chef Manny on Saturday, July 14.

- Joan Vastokas is Frances Bellis' eldest daughter.



Joan Vastokas/photo

Frances Bellis, who made Canadian military uniforms during the Second World War, turns 100 on July 14.

## Waterdown to Finch Project



### Community Information Session

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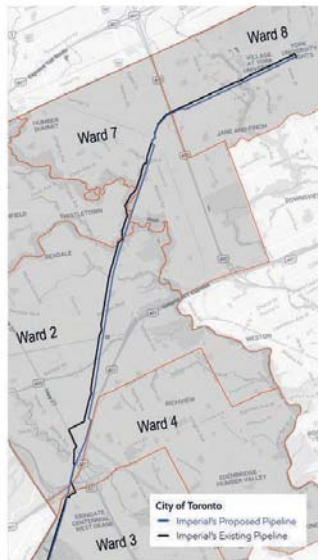
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14 OPINION

# City Hall security measures will change civic life

*David Nickle  
wonders  
whether  
tightened  
security is  
necessary*

By the end of the summer, Toronto City Hall will be a very different place.

Not far inside the front door, security guards will be stationed, and members of the public will be subject to a search of their bags. If they're attending a meeting of city council, they'll be subject to a second search with a metal detector before they can go to the public gallery of the council chamber.

Once there, they'll find themselves watching the meeting over an enhanced barrier sepa-

rating them from their councillors and mayor. The same will hold true in committee rooms, where a barrier will separate politicians from the public.

Maybe it is for the best. Toronto council certainly deemed it so, when in the late hours of June 28 they voted to approve the enhanced security measures recommended by staff and police.

And writing this from my desk in an office at City Hall, after a gunman murdered five people in a newspaper office, it is hard not to agree. Sometimes people do terrible things; and undeniably seats of government, power and influence can sometimes be a target.

Once all of these measures are in place, it's hard to say whether City Hall will be any less of a



DAVID NICKLE  
Column

target than it is now. But it will certainly be a hardened target.

The question, of course, is what else City Hall will be in September.

Right now, Toronto City Hall is a very open place. If you're a member of the public, you can walk in and conduct business without more than a friendly nod from security. If you want to attend a committee meeting, you're free to do so. Security guards are pre-

sent at council meetings and will sometimes ask to look in your bag as you enter the chamber. But it is low key. City Hall has always operated on the premise that it is the seat of government that is closest to its constituents, and it operates accordingly.

If you come by in a few months, City Hall will feel a bit less welcoming. Stepping past the café, the public library and some of the service counters, you'll have to line up to have any bags you're carrying searched. If you attend a committee meeting to offer a deputation, you'll be well separated from the councillors and staff by a barrier. At council, you'll need to go through metal detectors to go in. If you step out to use a rest room, you should be prepared to go through that

process again.

I suspect that a lot of people simply won't want to go through that process at all, and will stay away. Certainly, as Parkdale-High Park Councillor Gord Perks pointed out, if you're marginalized and have an uneasy relationship with law enforcement, you'll find little comfort in the security measures in place.

Maybe it's still for the best. Everybody attending these meetings will, after all, be protected from one or two hypothetical attackers.

That reassurance would be firmer if at any point Toronto City Hall had been the target of an attack. But in its history, it has not. There have been boisterous protests, certainly. There have been disturbances that security and sometimes police have had to deal

with. There has not been a terror attack, or a gunman, or anything else that would warrant a lockdown like this.

This could, of course, all change in a heartbeat. But for now the security solution exists absent a visible problem. Care must be taken, that its heavy application doesn't become a problem itself.

David Nickle is a reporter and columnist covering Toronto City Hall for Toronto.com. He can be reached at [dnickle@toronto.com](mailto:dnickle@toronto.com). Follow him on Twitter at @davidnickle, and Toronto.com on Facebook.

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## Waterdown to Finch Project



### Community Information Session

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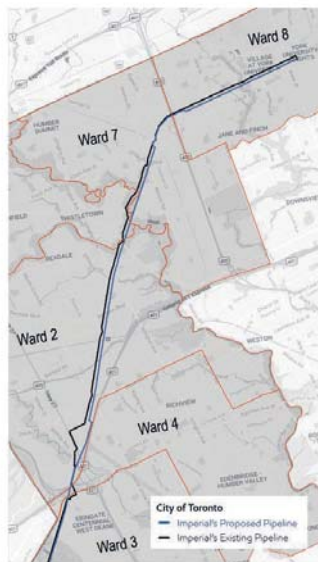
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## Ward 5 - Councillor Di Ciano and City of Toronto



## COMMUNITY ENVIRONMENT DAY

**Saturday, July 14, 2018 | 10:00 a.m. to 2:00 p.m.**

Etobicoke School of the Arts | 675 Royal York Road

f Councillor Justin Di Ciano

@JustinDiCiano

@Councillor\_DiCiano

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- Household Hazardous Waste (e.g., cleaning supplies and solvents, motor oil, paint, batteries, E-cigarettes, old/unused medication, mercury thermometers/thermostats, pesticides, fluorescent and compact fluorescent bulbs, propane tanks, gasoline, etc.)

Note: You can recycle plastic shopping bags, foam polystyrene, empty paint and empty aerosol cans in your blue bin.

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### DONATE TO SCHOOLS FOR REUSE

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- Children's books, musical instruments
- CD's, CD cases, 35 mm cameras
- Costume jewellery including broken, old watches
- Arts and crafts supplies (pencils, crayons, markers, etc.)
- Corks, cork boards, clipboards
- Dress up clothing (costumes, prom dresses, uniforms)

### DONATE FOR REUSE

- Sporting goods (e.g. skates, bikes, rackets, etc.)
- Books (excluding school/university curriculum books)
- Eyeglasses, walking aids, hearing aids, etc.
- Small household items (e.g. dishes, ornaments, kitchen utensils, artistic drawings, games, etc.)
- Textiles in good condition (e.g. clothing, linens, etc.)
- Non-perishable foods will be donated to a food bank
- All donated items must be in very good condition

Please do not bring: construction waste, air conditioners, garbage, wood, cassette and videotapes, commercial/industrial hazardous waste and scrap metal.



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# WATERDOWN FINCH PROJECT

## Waterdown to Finch Project



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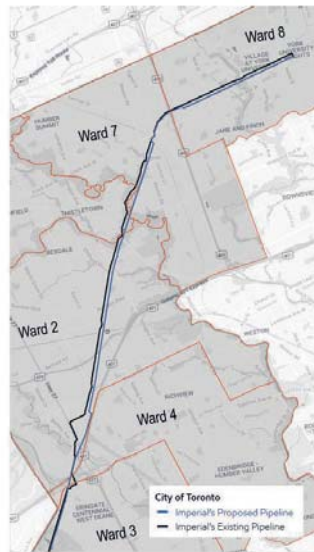
**Royal Canadian Legion**  
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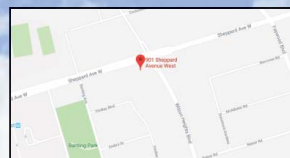
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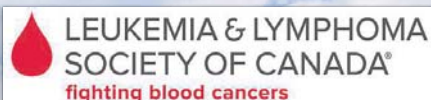
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## Waterdown to Finch Project

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### Community Information Session

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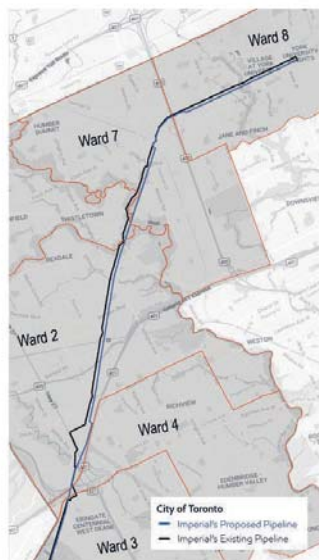
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**CONSUMER FEATURE**



**SHEPPARD AVE. CANADIAN TIRE HOSTS CHARITY BARBECUE**  
On Friday, June 29, Canadian Tire at 1015 Sheppard Ave. hosted a barbecue with funds going to Jumpstart. Jumpstart is national charity that helps children in need stay active and afford the equipment and fees needed to participate in local sports.

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# Waterdown to Finch Project



## Community Information Session

To support continued reliable supply of diesel, gasoline, and jet fuel for the Greater Toronto and Hamilton Area, Imperial plans to replace approximately 63-kilometres of the Sarnia Products Pipeline between Waterdown and North York, Toronto. This involves the replacement of the existing 12-inch pipeline with a new 12-inch pipeline.

Imperial anticipates filing a Leave to Construct application with the Ontario Energy Board in early 2019. Join us to learn more about the Project, Leave to Construct process, associated environmental report, construction methods and timelines, and how we've incorporated community feedback.

**Tuesday, November 13, 2018  
3:30-4:30 and 5:30-7 PM**

### **Royal Canadian Legion:**

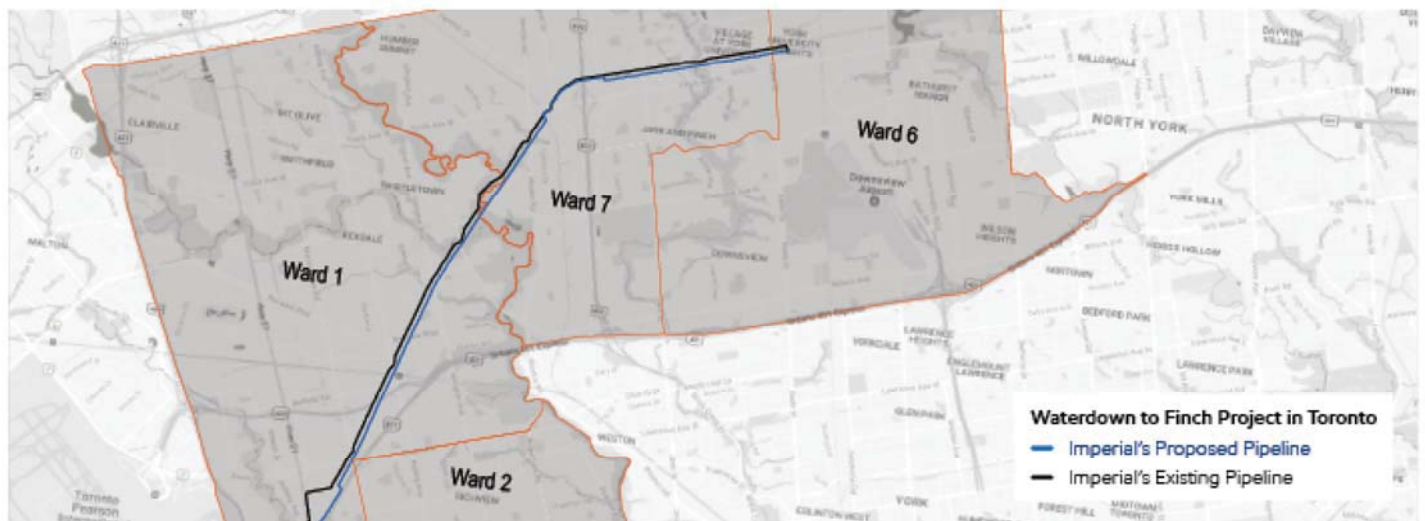
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For further information:

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All regional maps and project information can be found at:  
**[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)**

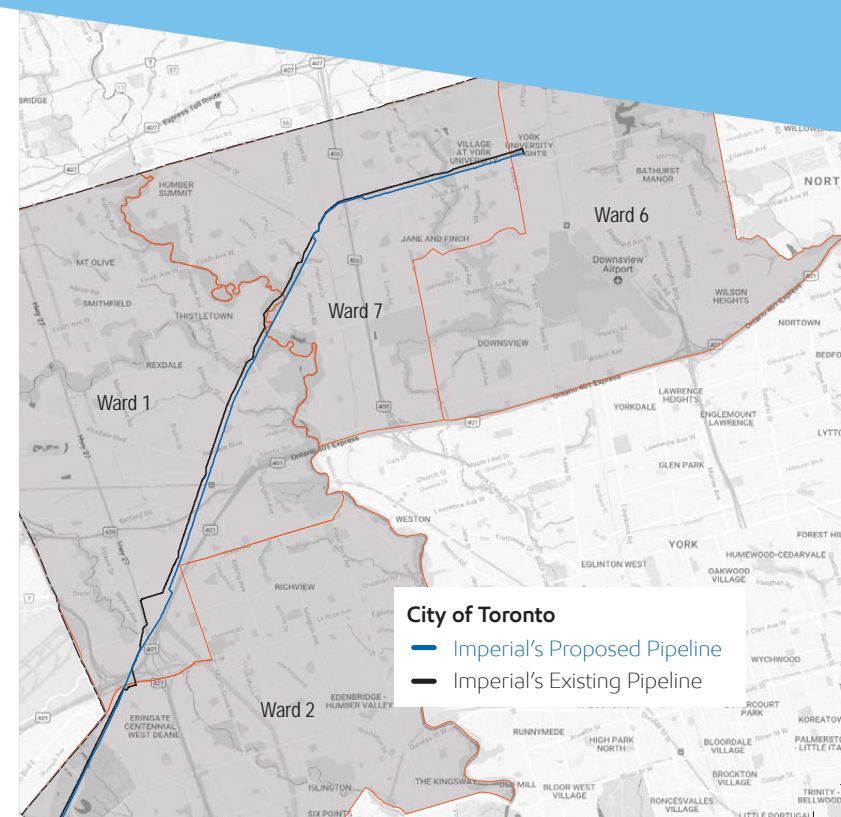


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Imperial anticipates filing a Leave to Construct application with the Ontario Energy Board in early 2019. Join Imperial representatives at our upcoming community information sessions where you can learn more about the Project, Ontario Energy Board's Leave to Construct process, and its associated environmental report.



# Community Information Session

Imperial will also share how the Waterdown to Finch Project has incorporated feedback heard from residents, updates to the Project schedule, construction methods and associated mitigation measures.

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**3:30-4:30 PM and 5:30-7:00 PM**

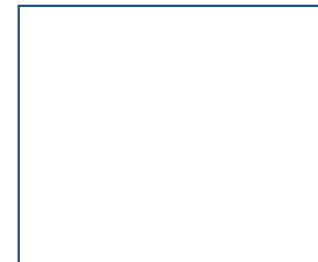
**Royal Canadian Legion Branch 286:**

Irwin Hall  
11 Irwin Road,  
Rexdale, ON, M9W 2P6

RSVP: **[Toronto@imperialon.ca](mailto:Toronto@imperialon.ca)**

For further information please visit:  
**[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)**  
or call: **416-586-1915**

Imperial  
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## Waterdown to Finch Project

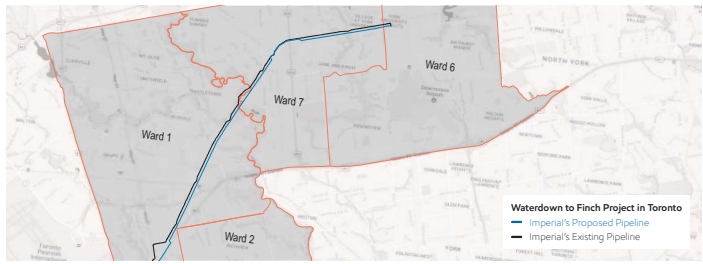
**Safety and reliability:  
Pipeline replacement in Etobicoke**

To support continued reliable supply of diesel, gasoline, and jet fuel for the Greater Toronto and Hamilton Area, Imperial plans to replace approximately 63-km of the Sarnia Products Pipeline between Waterdown and North York. This involves replacing the existing 12-inch pipeline with a new 12-inch pipeline. Imperial anticipates filing a Leave to Construct application with the Ontario Energy Board in early 2019.

Imperial's website [imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch) is a dedicated source for information about the Project. Here you will find Project maps, important information about land, regulatory and permitting approvals, how we are minimizing construction impacts, our environmental and heritage planning process, public, community, and Indigenous engagement and more.

**Your feedback is important to us. Please provide your comments or questions through our dedicated Project phone line or email address.**

Telephone: 416.586.1915  
Email: [questions@imperialon.ca](mailto:questions@imperialon.ca)  
[imperialoil.ca/waterdowntofinch](http://imperialoil.ca/waterdowntofinch)




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12 FOOD AND DRINK

# 5 BEST RESTAURANTS NEAR SHOPS AT DON MILLS SELECTED BY OPENTABLE DINERS

Looking for the best restaurants in North York? You're in the right place. Each month, OpenTable analyzes more than 400,000 new diner reviews. We sort the results by category to help you discover new favourites. It's a great partnership - you reserve, eat and review, and we share the best of the best. Enjoy!

## Diwan at the Aga Khan Museum

Enjoy a spectacular view of the Aga Khan Park while sampling food inspired by the Middle East, North Africa, and the Indian subcontinent. Diwan's elegant interior - complete with floor-to-ceiling windows - features 19th-century wooden panels hand-carved and painted in Damascus.

*Dining Style: Casual Elegant*

*Cuisines: Middle Eastern, Indian, African*  
Aga Khan Museum, 77

Wynford Dr.  
416-646-4670

## Fabbrica

Fabbrica blends a convivial atmosphere with authentic and rustic Italian cuisine made from the finest ingredients. Designed by Giannone Petricone and anchored by a Neapolitan wood-burning oven, guests flock to Fabbrica for traditional flavours in an approachable setting.

*Dining Style: Casual Elegant*

*Cuisine: Italian, Mediterranean*

49 Karl Fraser Rd.  
416-391-0307

## Taylor's Landing

Taylor's Landing Bar Grill Hub is a unique concept based on fantastic, scratch-cooked fresh food and a lively bar highlighting a large selection of imported and local beers, as well as a long and diverse list of tequilas, mescals, craft cocktails, and numerous wines by the glass and bottle.



OpenTable/photo

Favoured restaurants near Shops at Don Mills include Diwan at the Aga Khan Museum

Their kitchen uses as much fresh, local and sustainable food product as possible. They offer an extensive selection of small plates for convivial sharing and of course great burgers, generous salads, and satisfying mains. No occasion is required for Taylor's Landing; it is a fun, no rules bar and grill.

*Dining Style: Casual Dining*

*Cuisines: Global, International, Canadian*  
10 O'Neill Rd.  
647-943-6318

## Bier Markt - Don Mills

Bier Markt first opened its doors in Toronto in 1999 and has grown to eight unique restaurants in Toronto, Ottawa, Montreal and St. John's. Bier Markt draws its inspiration from Northern Europe - its culture, its passion for food

and, of course, its dedication to the beautiful art of brewing beer.

Expect a lively atmosphere with live entertainment every Thursday-Saturday. Each restaurant has its own built-in stage to feature great, local cover bands playing the best of today's and yesterday's anthems. Bier Markt's exceptional A/V packages also make it a great place to catch the game with friends.

*Dining Style: Casual Dining*

*Cuisines: European, Seafood*

7 O'Neill Rd.

416-862-7075

## Glow Fresh Grill & Wine Bar

Glow Fresh Grill & Wine Bar is a casually elegant new concept restaurant. The menu is inspired by Canada's leading healthy living expert Rose Reisman. It features fresh, seasonal and innovative meals, prepared to enhance the natural richness

of the ingredients.

Serving food with fewer calories, less fat and less preservatives, Glow embraces the "less is more" essence of Rose Reisman's Eating Well philosophy. Glow also features a fine wine selection, stunning design punctuated by world-class art and an understated professional service team. You'll have more than a meal, you'll have an experience.

*Dining Style: Casual Elegant*

*Cuisines: International*

7 Marie Labatte Rd.

416-384-1133

To see more of the best restaurants near the Shops at Don Mills, visit OpenTable.ca.

OpenTable.ca's rating system is based on diners' comments and ratings for each participating restaurant.

The descriptions come from OpenTable.ca. Ratings may change.



## Back to Nature

The Meadoway is a revitalization project that will eventually transform 16 kilometres of the Gattineau Hydro Corridor from mown grasses to a restored meadow habitat. Stretching from the Don Valley to the Rouge National Urban Park, the corridor will become a vibrant greenspace and a home to a variety of wildlife.

GREENSPACE under the hydro corridor is being restored! A trail system will allow visitors to enjoy the habitat and connect with nature.

## Join Us on a Site Walk to Learn More

- Site 1 Walk** - Nov. 6 at 4 p.m. - Victoria Park Ave. and Biscayne Blvd.
- Site 2 Walk** - Nov. 13 at 4 p.m. - Birchmount Rd. and Yorkshire Rd.
- Site 3 Walk** - Nov. 20 at 4 p.m. - Brimley Rd. and Lawrence Ave. E.
- Site 5 Walk** - Nov. 27 at 4 p.m. - Nelson Rd. and Purpledusk Trail
- Site 6 Walk** - Dec. 4 at 4 p.m. - Military Trail and Cindy Nicholas Dr.

For more details, visit:  
[themeadoway.ca](http://themeadoway.ca)

**The Meadoway**  
COMMUNITY POWERED GREEN SPACES

**Toronto and Region Conservation Authority**

## Waterdown to Finch Project



### Community Information Session

To support continued reliable supply of diesel, gasoline, and jet fuel for the Greater Toronto and Hamilton Area, Imperial plans to replace approximately 63-kilometres of the Sarnia Products Pipeline between Waterdown and North York, Toronto. This involves the replacement of the existing 12-inch pipeline with a new 12-inch pipeline.

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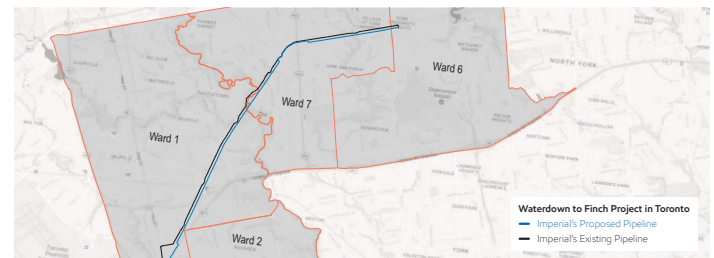
**Tuesday, November 13, 2018**  
**3:30-4:30 and 5:30-7 PM**

**Royal Canadian Legion:**  
Branch 286 - Irwin Hall  
11 Irwin Road, Rexdale,  
ON M9W 2P6

RSVP: [Toronto@Imperialon.ca](mailto:Toronto@Imperialon.ca)

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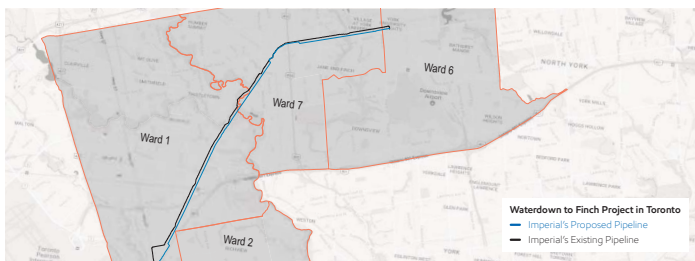
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## The 2019 Milk Calendar

### The 2019 Milk Calendar is here!

This year's Milk Calendar features a curated collection of 14 exceptional dairy recipes shared by real Canadians who love to cook, bake, and create with dairy.

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