

Appendix X-4

Agency and Utility Consultation

Appendix X-1 – Public Consultation Report

Appendix X-2 – Environmental Assessment Study Notices

Appendix X-3 – Public Information Centre Materials

Appendix X-4 – Agency and Utility Consultation

Appendix X-5 – First Nations Consultation

Appendix X-6 – Public Consultation Details and Correspondence

Appendix X-7 – Impacted Properties

Newtonbrook Creek Geomorphic Systems Master Plan - Agencies and Utilities

The following agencies and utilities were contacted during the study:

Beanfield Metroconnect
Bell Canada
Canada Lands Corporation
Canada Post Delivery
CN Rail
Cogeco Data Services Inc./Aptum Technologies (Canada) Inc.
CP Rail
Enbridge Gas Distribution
Enbridge Pipeline Inc.
Environment Canada, Great Lakes and Corporate Affairs
Enwave Energy Corporation
GO Transit and Metrolinx
Hydro One Inc.
Hydro One Networks Inc.
Imperial Oil
Infrastructure Ontario
Infrastructure Ontario
Metro Fibrewerx
Metrolinx
Ministry of Community Safety and Correctional Services
Ministry of Environment, Conservation & Parks (MOECP)
Ministry of Heritage, Sport, Tourism and Cultural Industries
Ministry of Municipal Affairs and Housing
Ministry of Natural Resources and Forestry
Ministry of the Environment and Climate Change
National Defence Canada
Ontario Power Generation
Prestige Telecom
Rogers Cable Systems
Rogers Telecommunications
Sun-Canadian Pipe Line Company Ltd.
TELUS
TeraSpan
Toronto & Region Conservation Authority (TRCA)
Toronto Hydro
Trans Northern Pipe Line
Transport Canada
Videotron Ltd.
Zayo (formerly Allstream)
Zoya Group

Study milestone	Date Notice Issued
Project Commencement	2022-10-03
Recommended Design	2023-10-04

Carol Lee

From: Tracy Manolakakis
Sent: October 3, 2022 11:07 AM
To: robert.greene@ontario.ca; karla.barboza@ontario.ca; dan.minkin@ontario.ca; stewart.Chisholm@ontario.ca; maya.harris@ontario.ca; steven.strong@ontario.ca; Beth.Williston@trca.ca; Sharon.Lingertat@trca.ca; 'chunmei.liu@ontario.ca'; troy@beanfield.com; ken.elliott@bell.ca; Bell.MOC@Telecon.ca; tara.causton@bell.ca; anthony.pejovic@bell.ca; danselmi@clc.ca; proximity@cn.ca; UtilityCirculations@aptum.com; Brad.Swant@aptum.com; josie_tomei@cpr.ca; orest_rojik@cpr.ca; notifications@enbridge.com; ekriarakis@enwave.com; james.scharbach@enwave.com; Tyler.Wales@HydroOne.com; kirk.t.smoke@esso.ca; bmclean@metrofibrewerx.com; Paul.Collins@metrolinx.com; susan.rapin@opg.com; GT.moc@telecon.ca; Edgar.Henriquez@rci.rogers.com; John.Lionti@rci.rogers.com; GTA.Markups@rci.rogers.com; Ralph.vonEppinghoven@rci.rogers.com; bobbi.hunter@rci.rogers.com; john.lionti@rci.rogers.com; Info@sun-canadian.com; Anthony.Segreto@telus.com; telusutilitymarkups@telecon.ca; tpucc@teraspan.com; utility.circulations@torontohydro.com; vvolokitin@torontohydro.com; seedgar@tnpi.ca; landroweast@tnpi.ca; richard.ntoneepeeing@videotron.com; david.pitchforth@zayo.com; Utility.Circulations@zayo.com; Laurel Sharp; EMS Planning; Daniel Gagliotti; brett.moore@torontopolice.on.ca; Reg Ayre; EnviroOnt@tc.gc.ca; dan.l.thompson@ontario.ca; aurora.mcallister@ontario.ca; karla.barboza@ontario.ca; dan.minkin@ontario.ca; Davor.Javorac@cn.ca; SecondaryLandUse@HydroOne.com
Cc: Devin Coone
Subject: City of Toronto Geomorphic Systems Master Plans - Newtonbrook and Blue Ridge Creeks and German Mills Creek
Attachments: Notice of Study Commencement_Newtonbrook_Final.pdf; Notice of Study Commencement-Final.pdf

Good morning,

Please see attached Notices of Study Commencement for two municipal class environmental assessment studies being carried out by the City of Toronto:

- Newtonbrook and Blue Ridge Creeks Geomorphic Systems Master Plan
- German Mills Geomorphic Systems Master Plan

If you have any questions or require further details, please let me know.

Tracy

Tracy Manolakakis (she/her)
Manager, Public Consultation Unit
Policy, Planning, Finance & Administration
City of Toronto

Tel: 416-392-2990

Email: tracy.manolakakis@toronto.ca

Agencies and Utilities Notification and Comment Tracking

Date	Email	Agency/ Utility	Message	Response / Follow-up	Action/Notes
2022-10-03	EnviroOnt@tc.gc.ca	Transport Canada	We are requesting project proponents self-assess if their project: 1.Will interact with a federal property and/or waterway by reviewing the Directory of Federal Real Property, available at www.tbs-sct.gc.ca/dfrp-rbif/ ; and 2.Will require approval and/or authorization under any Acts administered by Transport Canada* available at http://www.tc.gc.ca/eng/acts-regulations/menu.htm .	Response not required.	
2022-10-14	notifications@enbridge.com	Enbridge Damage Prevention	Thanks for sending us notification of the study on the City of Toronto Geomorphic Systems Master Plans - Newtonbrook and Blue Ridge Creeks and German Mills Creek. As you can see from the image below, the Newtonbrook Creek crosses Enbridge Pipelines infrastructure. As such, we would like to be kept informed about the study's progress.	Project team follow-up required.	
2022-10-14	Chunmei.liu@ontario.ca	MOECP	Attached Areas of Interest letter	To inform consultation with First Nations.	
2022-10-19	Acsah Anna Chacko Acsah-Anna.Chacko@Telecon.ca	Telecon	Attached drawing and document for location requested	Response not required.	
2022-10-26	SUN Hongxia <Susan.SUN@HydroOne.com>	HONI	Please see the attached for Hydro One's Response.	Response not required.	
2022-11-23	justin.leepak@trca.ca	Toronto and Region Conservation Authority	Please see the attached for TRCA responses to Notice of Commencement for the above-noted project.	Project team follow-up required.	
2023-10-05	Sagar Garikipati Utility Circulations <utility.circulations@toronto-hydro.com>	Toronto Hydro	Thank you for circulation of your application. Your circulation number is THU2023-01860CT. Please quote this reference number on your future correspondence. Please be advised that circulation will normally be processed within 21 calendar days of receipt. The time required for review of an application will vary depending on the nature, size and complexity of the proposed work and the completeness and clarity of the drawings. Additionally, a high volume of applications may occasionally cause delays in the issuance of utility plant markups.	Response not required.	
2023-10-05	MOC (Bell) <bell.moc@Telecon.ca>	Telecon	(Project team was copied on the internal Telecon triage / forwarding)	Response not required.	
2023-10-11	Sagar Garikipati Utility Circulations <utility.circulations@toronto-hydro.com>	Toronto Hydro	Please see the attachments for the Info Only response for the above project. Attachments in CT folder	Response not required.	

Agencies and Utilities Notification and Comment Tracking

2023-10-13	ONT Environment / Environnement ONT <EnviroOnt@tc.gc.ca>	Transport Canada / Government of Canada	<p>Please note Transport Canada does not require receipt of all Individual or Class EA related notifications. We request that project proponents self-assess whether their project:</p> <p>1. Will interact with a federal property and/or waterway by reviewing the Directory of Federal Real Property, available at www.tbs-sct.gc.ca/dfrp-rbif/; and</p> <p>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.</p> <p>Proposed projects that will occur on federal property (including reserve lands or lands owned by federal departments other than Transport Canada) will be subject to an Impact Assessment per Section 82 of the Impact Assessment Act, 2019 prior to exercising a federal power (including full or partial funding), and/or performing a function or duty (e.g. regulatory approval or issuance of a lease) in relation to that project.</p> <p>If the criteria above do not apply, Transport Canada's 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 to: EnviroOnt@tc.gc.ca with a brief description of Transport Canada's expected role.</p>	Response not required.	
2023-10-18	SECONDARY LAND USE Department <Department.SecondaryLandUse@hydroone.com>	HONI	Attachments for Hydro One response in Stakeholder folder	Response not required.	
2023-10-18	Gordon, Alison (MNRF) <Alison.Gordon@ontario.ca>	Ministry of Natural Resources and Forestry (MNRF)	<p>The Ministry of Natural Resources and Forestry (MNRF) received your email on October 4, 2023. Thank you for circulating this to our office. You may send any updates to the project to the SR.Planning@ontario.ca inbox where it will be monitored by the Planners.</p> <p>Please note that we have not completed a screening of natural heritage or other resource values for the project at this time. This response, however, does provide information to guide you in identifying and assessing natural features and resources as required by applicable policies and legislation, as well as engaging with the Ministry for advice as needed.</p> <p>Please also note that it is the proponent's responsibility to be aware of, and comply with, all relevant federal or provincial legislation, municipal by-laws or other agency approvals.</p> <p>After reviewing the information provided, if you have not identified any of MNRF's interests stated above, there is no need to circulate any subsequent notices to our office. If you have identified any of MNRF's interests and/or may require permit(s) or further technical advice, please direct your specific questions to myself or the SR.Planning@ontario.ca inbox.</p> <p>If you have any questions or concerns, please feel free to contact me. Thank you, and have a wonderful rest of your week.</p>	Response not required.	Attachments in folder

Agencies and Utilitites Notification and Comment Tracking

2023-12-07	Kevin Bailey <kbailey@bastudios.ca>	Enbridge	<p>Thank you for your patience while I followed up with the Enbridge team. I have been informed that an Enbridge rep, Dan Adams, has already been in touch with the City regarding erosions around Line 09 so there is no need for a meeting at this time. My main contact with Enbridge, Tokini Briggs, has said that he will brief Dan on the ongoing conversation and connect him with Aadila to continue the conversation as required.</p> <p>We will keep the file open for the Enbridge Notifications program, so please do not hesitate to reach out to me if you have any further questions or if any issues/concerns arise regarding this file.</p>	<p>This is acknowledgement of your response.</p> <p>Thank-you for following through on this. We will continue to be in touch as required.</p>	
2023-11-21	Kevin Bailey <kbailey@bastudios.ca>	Enbridge	<p>Thank you once again for providing notice of this Restoration Study to Enbridge. Noting that it has been over two weeks since the November 3 deadline for comments, I just wanted to circle back on this email correspondence and our associated response letter (attached to this email as well for ease of access). As part of the response, Enbridge requested further information regarding the identified 24 high risk sites and 11 stabilization projects in order to better respond to their particular concerns and/or requirements relating to this project.</p> <p>While I understand this is a long-term study, and you are no doubt sorting through the comments following both the meeting and request for feedback, I just wanted to ensure that the request was received and inquire as to if this information is available to share with the Enbridge team at some point.</p> <p>Please do not hesitate to contact me with any questions or concerns relating to this.</p>	<p>I have forwarded your email to the Project Manager Devin Coone to review your feedback.</p> <p>I will follow-up with his response, and likely set up a virtual meeting for a quick discussion if this is not satisfied through an email exchange.</p>	
2023-10-27	Kevin Bailey <kbailey@bastudios.ca>	Enbridge	<p>Full letter in project folder: As demonstrated in Attachment 01 Approximate Location of Pipeline Infrastructure the proposed Study Area crosses Enbridge pipeline infrastructure near the 'Big Bertha Bike Hill' immediately north of Laredo Ct and east of Maxome Ave.</p>	<p>Project team follow-up required.</p>	
2023-10-28	Jared Ens-Rempel <jared.j.ensrempe@exxonmobil.com>	Canada Fuels Operations, Imperial Oil	<p>Could you kindly confirm that the City of Toronto will be adhering to proper ground disturbance protocol and design requirements that will allow any public utilities the opportunity to influence the design standards.</p> <p>Imperial has pipeline infrastructure within this area and we would want to ensure proper planning is carried out if work takes place within 30 meters of the existing pipeline.</p>	<p>Project team follow-up required.</p>	<p>Additional consultation required</p>

Agencies and Utilites Notification and Comment Tracking

2023-11-01	Karen Sun <Karen.Sun@toronto.ca>	CoT Toronto Nature Stewards	<p>I'm the current City contact for the Toronto Nature Stewards including the Newtonbrook team.</p> <p>I am actually in the process of reviewing their proposed sites for 2024. There are over 40 sites proposed and according to INview a number of them may be in conflict with current or future Toronto Water projects. I was going to contact whoever was listed in INview for more details. Is there a central person I can talk to about reviewing this list?</p>	<p>Liaison with Bill Snodgrass: Thank you for taking my call and explaining that your role is now Policy but includes the Toronto Nature Stewards, City – wide.</p> <p>Could you provide a few 'time' options for us to meet virtually and to discuss a couple of queries that arose from our Public Consultation effort with the Newtonbrook Stewarts today and previously at the Newtonbrook PIC, 2 weeks ago</p> <p>They include</p> <ol style="list-style-type: none"> 1.The implications (if any) of the City wide effort being a City Forestry pilot project 2.How the Newtonbrook group could be involved post construction with planning, planting and stewardship activities at a Stream Restoration Project area 3.How PFR Consults with the Stewardship groups (you mentioned thru a coordinating committee of the groups) 4.What role that the Stewardship groups play in ravine management 5.Can we use their annual report into creek design RFPs (at least to coordinate efforts of ECS design with what the Ravine Stewards are doing in a Newtonbrook project area) 6.Other PCU (Public Consultation Unit) queries about their consultation efforts 7.Other Karen Sun queries about other TW projects across the City 	Area may be in conflict with TW projects
2024-01-22	Erika Leclerc erika.leclerc@ontario.ca	Heritage Planner, Ministry of Citizenship and Multiculturalism	Thank you for sending the Notice of Study Commencement for the Newtonbrook and Blue Ridge Creeks Geomorphic Systems Master Plan to the Ministry of Citizenship and Multiculturalism (MCM). Please find attached MCM's initial letter.	Additional studies to inform key study finding that will be included with final study report.	

From: [newtonbrook](#)
Bcc: [robert.greene@ontario.ca](#); [karla.barboza@ontario.ca](#); [dan.minkin@ontario.ca](#); [stewart.Chisholm@ontario.ca](#); [maya.harris@ontario.ca](#); [steven.strong@ontario.ca](#); [Beth.Williston@trca.ca](#); [Sharon.Lingertat@trca.ca](#); [chunmei.liu@ontario.ca](#); [eanotification.cregion@ontario.ca](#); [troy@beanfield.com](#); [ken.elliott@bell.ca](#); [Bell.MOC@Telecon.ca](#); [tara.causton@bell.ca](#); [anthony.pejovic@bell.ca](#); [danselmi@clc.ca](#); [proximity@cn.ca](#); [UtilityCirculations@aptum.com](#); [Brad.Swant@aptum.com](#); [josie_tomei@cpr.ca](#); [orest_rojik@cpr.ca](#); [notifications@enbridge.com](#); [ekiarakis@enwave.com](#); [james.scharbach@enwave.com](#); [Tyler.Wales@HydroOne.com](#); [kirk.t.smoke@esso.ca](#); [bmclean@metrofibrewerx.com](#); [Paul.Collins@metrolinx.com](#); [susan.rapin@opg.com](#); [GT.moc@telecon.ca](#); [Edgar.Henriquez@rci.rogers.com](#); [John.Lionti@rci.rogers.com](#); [GTA.Markups@rci.rogers.com](#); [Ralph.vonEppinghoven@rci.rogers.com](#); [bobbi.hunter@rci.rogers.com](#); [john.lionti@rci.rogers.com](#); [Info@sun-canadian.com](#); [Anthony.Segreto@telus.com](#); [telusutilitymarkups@telecon.ca](#); [tpucc@teraspan.com](#); [utility.circulations@torontohydro.com](#); [vvolokitin@torontohydro.com](#); [seedgar@tnpi.ca](#); [landroweast@tnpi.ca](#); [richard.ntoneepeeing@videotron.com](#); [david.pitchforth@zayo.com](#); [Utility.Circulations@zayo.com](#); [brent.valere@dfo-mpo.gc.ca](#); [wesley.plant@canada.ca](#); [michael.vallins@cn.ca](#); [Janice.Page@enbridge.com](#); [Mark-Ups@enbridge.com](#); [shannon.mcneill@metrolinx.com](#); [SecondaryLandUse@HydroOne.com](#); [ramsen.yousif@infrastructureontario.ca](#); [noticereview@infrastructureontario.ca](#); [Joanna.Brown@infrastructureontario.ca](#); [ainsley.davidson@infrastructureontario.ca](#); [EnviroOnt@tc.gc.ca](#); [dan.l.thompson@ontario.ca](#); [aurora.mcallister@ontario.ca](#); [Davor.Javorac@cn.ca](#); [SecondaryLandUse@HydroOne.com](#)
Subject: Newtonbrook Creek Restoration and Water Infrastructure Protection
Date: October 4, 2023 5:54:00 PM
Attachments: [image001.png](#)
[Newtonbrook 2b EA PublicConsultation Notice draft notice 1002 AODA.pdf](#)

Dear Agencies and Utilities,

The City of Toronto has initiated a study to identify sewer and watermain infrastructure within Newtonbrook Creek that are at risk of damage due to erosion impacts as result of high flows from storms and snow melt.

This study looks at how the City's storm sewer and watermain infrastructure can be protected within the creek using recommended solutions to help reduce or prevent future impacts of erosion. This will ensure the City's infrastructure continues to operate and service residents and businesses. The solutions will be part of a Master Plan for the creek that is implemented over a multi-year period.

Public Consultation for the Newtonbrook Creek Geomorphic Systems Maser Plan (GSMP) was launched October 2, 2023 and will close November 3, 2023. The Public Notice is attached for your reference.

Next steps

- Public Consultation October 2, 2023 - November 3, 2023
- Site Walk October 18, 2023 9:00a.m. – 11:00a.m.
- Complete the Study report and make it available for a 30-day review as per the Municipal Class Environmental Assessment process for [Master Plans](#).
- Following approval of the Newtonbrook Creek GSMP, recommended projects will be prioritised across the City for all five GSMPs currently taking place. Detailed design will be done for recommended projects as needed.

For further details, please visit toronto.ca/newtonbrook.

Please reach directly with your feedback and for any follow-up questions.

Very Best,

Aadila Valiallah (she/her)
Senior Coordinator, Public Consultation Unit
Policy, Planning, Finance & Administration
[City of Toronto](#)
416-338-2985

Carol Lee

From: Notifications <Notifications@enbridge.com>
Sent: October 14, 2022 1:27 PM
To: Tracy Manolakakis
Subject: RE: City of Toronto Geomorphic Systems Master Plans - Newtonbrook and Blue Ridge Creeks and German Mills Creek

Hello Tracy,

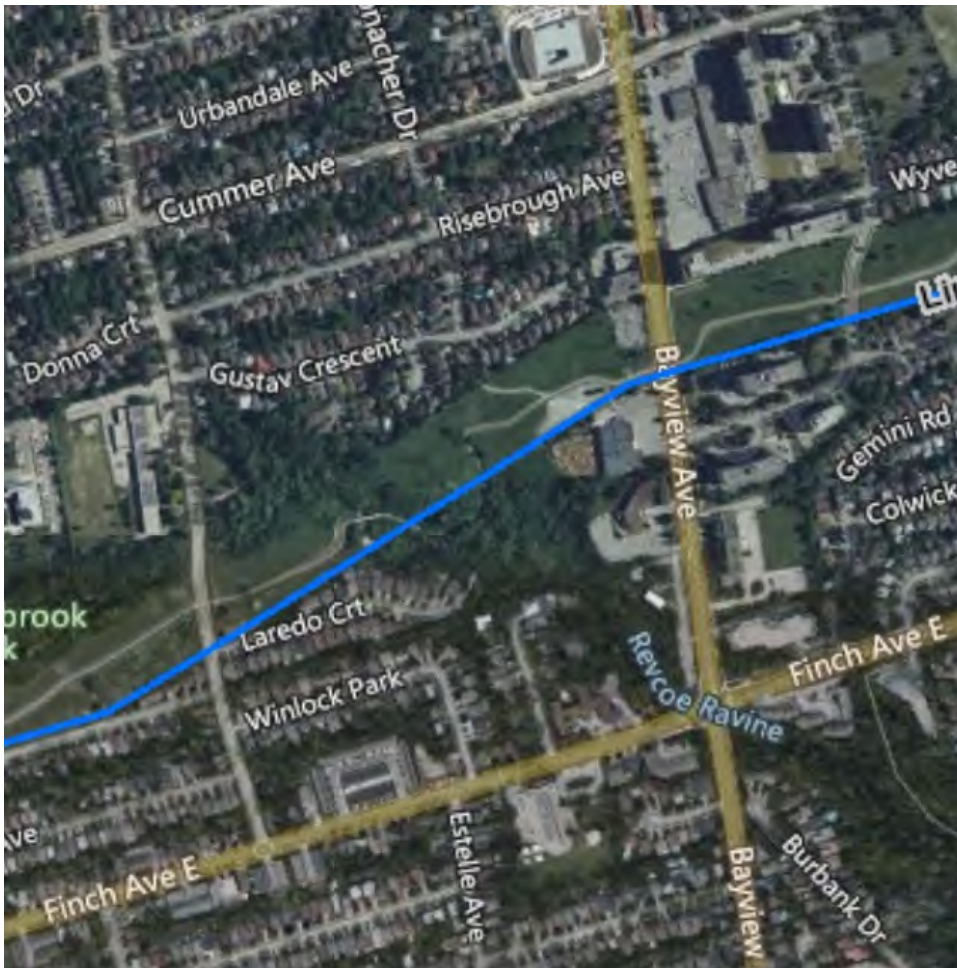
Thanks for sending us notification of the study on the City of Toronto Geomorphic Systems Master Plans - Newtonbrook and Blue Ridge Creeks and German Mills Creek.

As you can see from the image below, the Newtonbrook Creek crosses Enbridge Pipelines infrastructure. As such, we would like to be kept informed about the study's progress.

Please let us know if you have any questions.

Thank you.

Enbridge Damage Prevention.



From: Tracy Manolakakis <Tracy.Manolakakis@toronto.ca>

Sent: Monday, October 3, 2022 9:07 AM

To: robert.greene@ontario.ca; karla.barboza@ontario.ca; dan.minkin@ontario.ca; stewart.Chisholm@ontario.ca; maya.harris@ontario.ca; steven.strong@ontario.ca; Beth.Williston@trca.ca; Sharon.Lingertat@trca.ca; 'chunmei.liu@ontario.ca' <Chunmei.Liu@Ontario.ca>; troy@beanfield.com; ken.elliott@bell.ca; Bell.MOC@Telecon.ca; tara.causton@bell.ca; anthony.pejovic@bell.ca; danselmi@clc.ca; proximity@cn.ca; UtilityCirculations@aptum.com; Brad.Swant@aptum.com; josie_tomei@cpr.ca; orest_rojik@cpr.ca; Notifications <Notifications@enbridge.com>; ekriarakis@enwave.com; james.scharbach@enwave.com; Tyler.Wales@HydroOne.com; kirk.t.smoke@esso.ca; bmclean@metrofibrewerx.com; Paul.Collins@metrolinx.com; susan.rapin@opg.com; GT.moc@telecon.ca; Edgar.Henriquez@rci.rogers.com; John.Lionti@rci.rogers.com; GTA.Markups@rci.rogers.com; Ralph.vonEppinghoven@rci.rogers.com; bobbi.hunter@rci.rogers.com; john.lionti@rci.rogers.com; Info@sun-canadian.com; Anthony.Segreto@telus.com; telusutilitymarkups@telecon.ca; tpucc@teraspan.com; utility.circulations@torontohydro.com; vvolokitin@torontohydro.com; seedgar@tnpi.ca; landroweast@tnpi.ca; richard.ntoneepeeing@videotron.com; david.pitchforth@zayo.com; Utility.Circulations@zayo.com; Laurel Sharp <Laurel.Sharp@toronto.ca>; EMS Planning <emsplanning@toronto.ca>; Daniel Gagliotti <Daniel.Gagliotti@toronto.ca>; brett.moore@torontopolice.on.ca; Reg Ayre <Reg.Ayre@toronto.ca>; EnviroOnt@tc.gc.ca; dan.l.thompson@ontario.ca; aurora.mcallister@ontario.ca; karla.barboza@ontario.ca; dan.minkin@ontario.ca; Davor.Javorac@cn.ca; SecondaryLandUse@HydroOne.com

Cc: Devin Coone <Devin.Coone@toronto.ca>

Subject: [External] City of Toronto Geomorphic Systems Master Plans - Newtonbrook and Blue Ridge Creeks and German Mills Creek

CAUTION! EXTERNAL SENDER

Were you expecting this email? TAKE A CLOSER LOOK. Is the sender legitimate?

DO NOT click links or open attachments unless you are 100% sure that the email is safe.

Please see attached Notices of Study Commencement for two municipal class environmental assessment studies being carried out by the City of Toronto:

- Newtonbrook and Blue Ridge Creeks Geomorphic Systems Master Plan
- German Mills Geomorphic Systems Master Plan

If you have any questions or require further details, please let me know.

Tracy

Tracy Manolakakis (she/her)

Manager, Public Consultation Unit

Policy, Planning, Finance & Administration

City of Toronto

Tel: 416-392-2990

Email: tracy.manolakakis@toronto.ca



From: [Kevin Bailey](#)
To: [newtonbrook](#)
Cc: [notifications](#)
Subject: [External Sender] ENB_R231010-001ON - Enbridge Notification Response - Newtonbrook Creek Restoration and Infrastructure Protection Study
Date: October 27, 2023 12:33:13 PM
Attachments: [image001.png](#)
[image002.png](#)
[image004.png](#)
[image005.png](#)
[ENB_R231010-001ON - Notification Response Letter.pdf](#)

Hello,

Thank you for sending Enbridge notice of the **Newtonbrook Creek Restoration and Infrastructure Protection Study**. B&A is the land use planning consultant for Enbridge's Liquid Pipeline Network across Canada. On behalf of Enbridge, we work with municipalities and stakeholders regarding planning and development in proximity their pipeline infrastructure to ensure that it occurs in a safe and successful manner.

Kindly find attached our response to your circulation letter for this Restoration Study. Please note that Enbridge has requested additional consultation relating to the location of the 24 high-risk sites mentioned within the circulation package and any potential impacts this might have on their pipeline infrastructure.

Do not hesitate to contact me with any questions or comments. We appreciate receiving your referrals and look forward to continuing to receive them at notifications@enbridge.com for our review and comment.

Thank you,



Kevin Bailey, BA, BEd, MPlan
Community Planner

p | 403.692.5229 e | kbailey@bastudios.ca



October 27, 2023

City of Toronto Public Consultation Unit
Metro Hall, 19th Floor, 55 John Street
Toronto, ON | M5V 3C6

Sent via email to: newtonbrook@toronto.ca

ATTN: Aadila Valiallah | Senior Coordinator, Public Consultation Unit
RE: Newtonbrook Creek Restoration and Infrastructure Protection Study
Your File #: NA
Our Reference #: ENB_R231010-001ON

Thank you for sending Enbridge notice of this project. B&A is the land use planning consultant for Enbridge's Liquids Pipeline network across Canada. On behalf of Enbridge, we work with municipalities and stakeholders regarding planning and development in proximity to their pipeline infrastructure to ensure that it occurs in a safe and successful manner.

We request that this response package is provided in full to the landowner / applicant as it contains useful and important information, including certain requirements that must be followed, in respect of development in proximity of pipelines.

Description of Application

We understand that this application addresses a Restoration and Infrastructure Protection Study assessing a portion of the Newtonbrook Creek corridor within the City of Toronto.

As demonstrated in **Attachment 01 | Approximate Location of Pipeline Infrastructure** the proposed Study Area crosses Enbridge pipeline infrastructure near the 'Big Bertha Bike Hill' immediately north of Laredo Ct and east of Maxome Ave.

Assessment & Requirements

Based on a review of the project materials provided the proposed Restoration Study is at its public consultation stage and while multiple stabilization projects have been recommended, there is not any new development being proposed at this time. Therefore, **Enbridge has expressed no objections to this project as proposed.**

Although Enbridge has expressed no objections to the proposed Restoration Study at this time, the pipeline is intersected by the Newtonbrook Creek corridor's study area and some features of the proposal may have impacts on the pipeline infrastructure. For example:

- The circulation package indicated that 24 sites were identified as being at high risk of damage from erosion, and that 11 stabilization projects have been recommended. Given the location of the pipeline crossing north of Laredo Cr and east of Maxome Ave,

Enbridge is requesting a follow-up consultation to inquire about impacts to their pipeline infrastructure—whether this relates to one of the 24 high risk sites, or if there could be additional impacts as a result of the recommended work.

We appreciate your cooperation and any information that you would be willing to share at this time. We are also willing to arrange a meeting to discuss these requests and/or any follow up questions.

- While no development within the pipeline prescribed area is proposed or implied at this time, the full subject parcel is intersected by Enbridge pipeline infrastructure. Should there be any landscaping, crossings, or ground disturbance within 30 m of the pipeline centreline in future development stages, written consent from Enbridge will be required.

Requirements

The following requirements and those detailed within [Attachment 02 | Enbridge Development Requirements](#) must be adhered to for all future development. The landowner/developer shall ensure that all contractors and subcontractors are aware of and comply with the terms and conditions set out in this letter:

- 1) **Obtain a Locate Request:** To identify the precise alignment of the pipeline on the subject lands, a Locate Request must be made prior to any ground disturbance taking place.
- 2) **No development is permitted within the Enbridge right-of-way** without Enbridge's written consent and without the presence of an Enbridge representative on site.
- 3) **Written Consent from Enbridge is required for ground disturbance within 30m perpendicularly on each side from the centreline of the pipeline known as the "Prescribed Area".** For more information about when written consent is required and how to submit an application, please see [Attachment 03 | Enbridge Pipeline Crossing Guidelines](#).
- 4) **Written Consent from Enbridge is required for all above and below ground crossings of the pipeline.** For more information about when written consent is required and how to submit an application, please see [Attachment 03 | Enbridge Pipeline Crossing Guidelines](#).

The written authorization request must include:

- a. Drawings with cross sections of the proposed roads and verification of the depth of cover from both sides of the road.
 - b. Drawings should include any new utilities that will cross the right-of-way.
- 5) **Road Crossings:** Where future development such as a roadway or a parking area is proposed within the pipeline right-of-way, Enbridge may be required to carry out pipeline inspection and recoating of the existing pipeline(s) prior to the start of the development. The costs of Enbridge's design, inspection, recoating work and any other pipeline alteration as a result of the crossing will be borne by the Developer.

- 6) **Subdivision lot lines should not divide the pipeline right-of-way.** Wherever possible, subdivision boundaries should follow the right-of-way. If this is not possible specific language must be included in the offers of sale or lease. Please see **Attachment 02** for details.
- 7) **Development setbacks** from pipelines and rights-of-way are recommended in support of damage prevention and to allow both pipeline operators and developers buffer lands for operations and maintenance purposes.
- 8) **Landscaping** shall not take place on Enbridge's pipeline right-of-way without Enbridge's prior written consent and where consent is granted such landscaping must be performed in accordance with Enbridge's Pipeline Crossing Guidelines. Please see **Attachment 02** for details.
- 9) **Pathways** shall not be installed on Enbridge's pipeline right-of-way without Enbridge's prior written consent and where consent is granted pathways must be designed in accordance with Enbridge's requirements. Please see **Attachment 02** for details.
- 10) **Fencing** should be installed along the identified open space easement. Please see **Attachment 02** for details
- 11) **Written consent** must be obtained from Enbridge for ongoing activities such as mowing or maintenance of the pipeline right-of-way on public lands.
- 12) **Notifications of additional development for Class monitoring:** As per Federal and Provincial Regulatory Requirements and Standards, pipeline operators are required to monitor all new development in the vicinity of their pipelines that results in an increase in population or employment. Therefore, please keep us informed of any additional development being proposed within the Pipeline Assessment Area indicated in **Attachment 01 | Approximate Location of Pipeline Infrastructure**. The pipeline assessment area GIS data can be provided to the municipality upon request to notifications@enbridge.com.

The above requirements are those identified as relevant based on the application materials provided. Additional detail on these requirements and other general development requirements are included in **Attachment 02 | Enbridge Development Requirements**. For additional resources on safe development in proximity of Enbridge's pipeline network please view [Enbridge's Public Awareness Brochures](#) or visit the [Land Use Planning and Development website](#).

Please continue to keep us informed about the outcome of the project and any future policy, land use, subdivision, and development activities in proximity to Enbridge's pipelines and facilities. All future project notifications should be sent to notifications@Enbridge.com, while questions about the details of this letter may be sent to the contact listed below. Thanks again for providing us with the opportunity to provide comments on this project and we look forward to working with you in the future.

Sincerely,



Kevin Bailey

Community Planner | *BA, BEd, MPlan*

403.692.5229 | kbailey@bastudios.ca

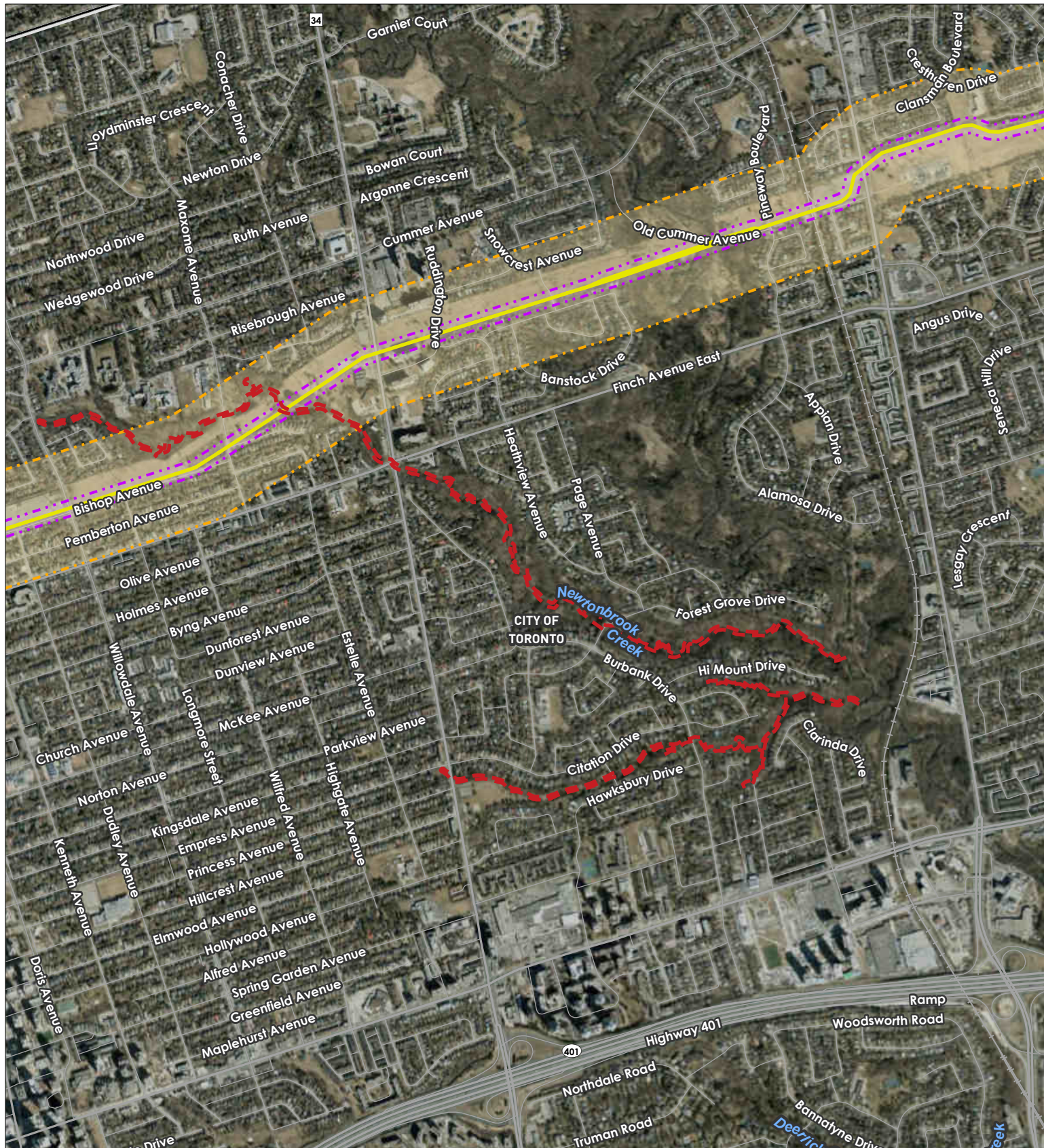
B&A | 600, 215 – 9 Avenue SW | Calgary, AB T2P 1K3 | www.bastudios.ca



A black and white photograph of a pipeline running through a landscape. The pipeline is the central focus, with its various segments and joints visible. In the background, there are trees and a cloudy sky. A decorative graphic of concentric, wavy lines is overlaid on the right side of the image, creating a sense of depth and movement.

Attachment 01

Approximate Location of Pipeline Infrastructure



PLEASE CONTACT YOUR LOCAL ONE CALL CENTRE (WWW.CLICKBEFOREYOU.DIG.COM) FOR ANY GROUND DISTURBANCE WITHIN THE PRESCRIBED AREA AS SHOWN ON THIS MAP.

Coordinate System: NAD 1983 UTM Zone 17N

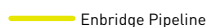
Geographic Coordinates: -79.3858, 43.7803



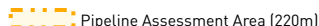
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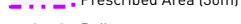
Subject Site



Enbridge Pipeline



Pipeline Assessment Area (220m)



Prescribed Area (30m)



Railway



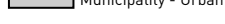
Major Road



Road



Municipality - Rural



Municipality - Urban

Local Context

Other

City Of Toronto

Referral ID: R231010-0010N

October 2023



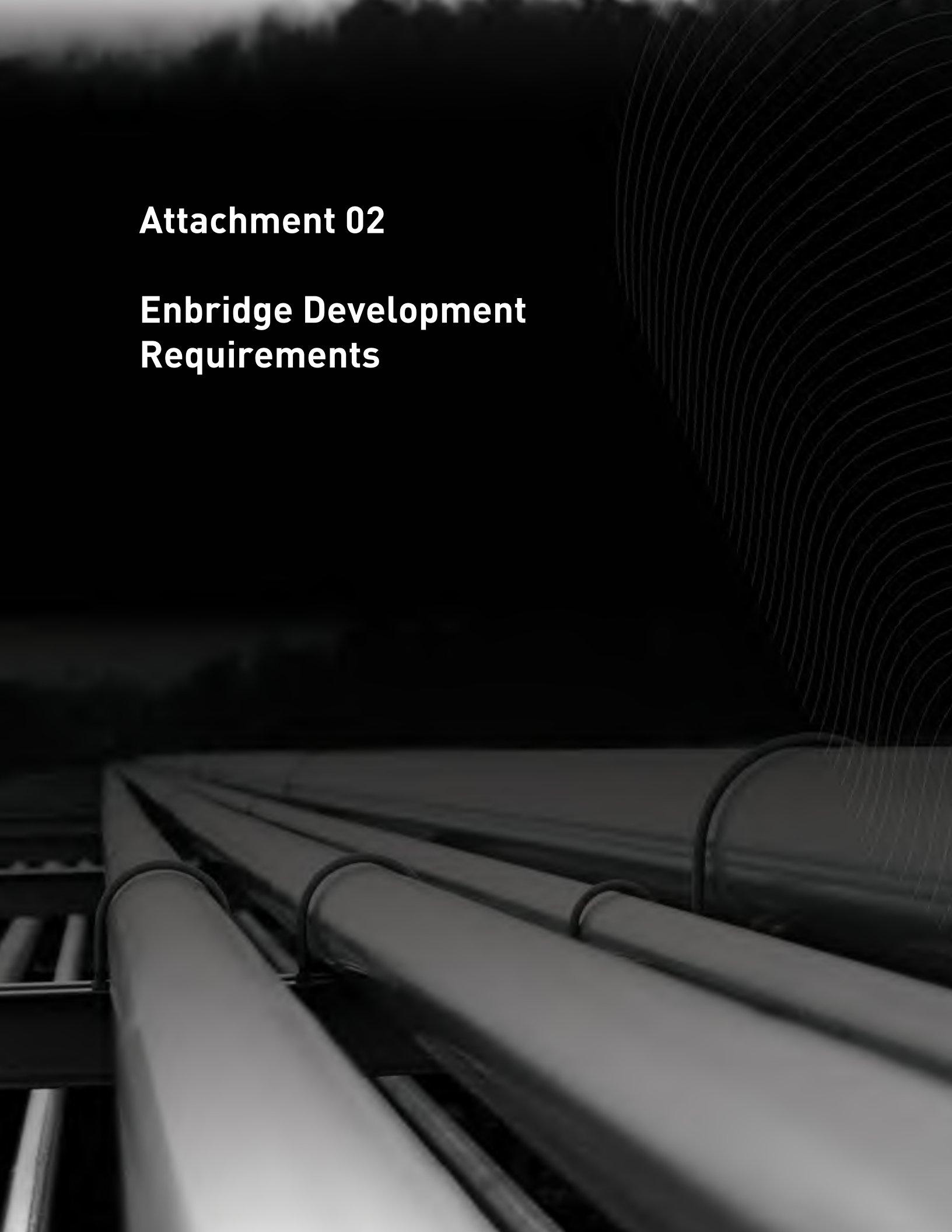
0 250 500 750 1,000 metres

Date Saved: Oct 10, 2023

Map and data are conceptual and for informational and planning purposes only.

Attachment 02

Enbridge Development Requirements



Attachment 02 | Enbridge Development Requirements

Definitions

- A **Right-of-Way (ROW)** is a strip of land where property rights have been acquired for pipeline systems by the pipeline company. It is a surveyed area of a specific width which grants legal rights of access to operate and maintain the infrastructure within it.
- The **Prescribed Area** is an area of 30 m (100 ft) perpendicularly on each side from the centreline of a pipeline. Excavation or ground disturbance within this zone requires written consent from the pipeline company pursuant to the Canadian Energy Regulator Pipeline Damage Prevention Regulations (Authorizations). Depending on the pipeline location and regulator this may also be known as a “controlled area” or “safety zone”.
- The **Pipeline Assessment Area** identifies lands on either side of a pipeline in which new development must be monitored by the pipeline operator. The requirement for and scope of this monitoring is governed by the Canada Energy Regulator (CER) and CSA Z662:19. Depending on the pipeline location, operator, and regulator this may also be known as the “notification zone”, “referral area” or “class location assessment area”.

Locating the Pipeline | Click Before You Dig

Any person planning to construct a facility across, on, along or under a pipeline (including the right-of-way), conduct a ground disturbance activity within 30 metres of the centreline of a pipe, or operate a vehicle or mobile equipment across a right-of-way, must first request a locate service. To identify the precise alignment of the pipeline on the subject lands, Locate Requests can be made online, via mobile apps, or via phone (see table below),

The locate request must be made a minimum of three (3) business days in advance of the construction, ground disturbance, or vehicle or mobile equipment crossing. The One-Call Centre will notify Enbridge to send a representative to mark the facilities, explain the significance of the markings and provide you with a copy of the locate report. Enbridge requests a minimum of five (5) business days’ notice for any work involving explosives.

Canadian One-Call Centres		
Province	Phone	Website
British Columbia	1.800.474.6886	www.bc1c.ca
Alberta	1.800.242.3447	www.utilitysafety.ca
Saskatchewan	1.866.828.4888	www.sask1stcall.com
Manitoba	1.800.940.3447	www.clickbeforeyoudigmb.com
Ontario	1.800.400.2255	www.ontarioonecall.com
Quebec	1.800.663.9228	www.info-ex.com
Nova Scotia & New Brunswick	1.800.344.5463	www.info-ex.com
Northwest Territories	Contact Enbridge Pipelines Inc. (1-867-587-7000)	
www.clickbeforeyoudiq.com		

Right-of-way

A right-of-way is a strip of land where property rights have been acquired for pipeline systems by the pipeline company. It is a surveyed area of a specific width which grants legal rights of access to operate and maintain the infrastructure within it:

- No permanent structures are permitted within the pipeline right-of-way area without Enbridge's prior written consent.
- Enbridge must have the ability to access Enbridge's pipeline right-of-way at all times for construction, maintenance, operation, inspection, patrol, repair, replacement and alteration of the pipeline(s). Therefore, the Enbridge pipeline right-of-way shall be maintained as green space, park belt or open space.
- No work shall take place on Enbridge's pipeline right-of-way without the presence of an Enbridge representative.
- Storage of materials and/or equipment, grading or placing fill on Enbridge's pipeline right-of-way is not permitted without prior written consent from Enbridge.

Written Consent

Any proposed crossings of the pipeline right-of-way or ground disturbance within the Prescribed Area or pipeline right-of-way are subject to Enbridge's written consent in accordance with the Canadian Energy Regulator Act and regulations including the Canadian Energy Regulator Pipeline Damage Prevention Regulations as amended or replaced from time to time (or for pipelines contained within Alberta, the Pipeline Act (Alberta) and Pipeline Rules as amended or replaced from time to time).

The applicant will require Enbridge's written consent or a crossing agreement prior to undertaking the following activities:

- Constructing or installing a facility across, on, along or under an Enbridge pipeline right-of-way;
- Conducting any activity that would cause ground disturbance (excavation or digging) on an Enbridge's pipeline right-of-way or within 30m perpendicularly on each side from the centerline of Enbridge's pipe (the "Prescribed Area");
- The operation of a vehicle, mobile equipment or machinery across an Enbridge pipeline right-of-way; outside of the travelled portion of a highway or public road;
- Using any explosives within 300m of Enbridge's pipeline right-of-way.

For more information about when written consent is required and how to submit an application, please see [Attachment 03 | Enbridge Pipeline Crossing Guidelines](#).

Prescribed Area

The Prescribed Area is an area of 30 m (approximately 100 ft) perpendicularly on each side from the centreline of a pipeline. Excavation or ground disturbance within this zone requires written consent from the pipeline company pursuant to the Canadian Energy Regulator Pipeline Damage Prevention Regulations (Authorizations). Depending on the pipeline location and regulator this may also be known as a "controlled area" or "safety zone".

For pipelines crossing provincial boundaries, Enbridge is regulated by the Canada Energy Regulator and is subject to the Canadian Energy Regulator Act and its regulations as amended or replaced from time to time.

- Section 335(1) of the Canadian Energy Regulator Act prohibits any person to construct a facility across, on, along or under a pipeline or engage in an activity that causes a ground disturbance within the Prescribed Area unless the construction or activity is authorized by the pipeline company.
- Section 335(2) of the Canadian Energy Regulator Act prohibits any person to operate a vehicle or mobile equipment across a pipeline unless the vehicle or equipment is operated within the travelled portion of a highway or public road or such operation is authorized under section 13(1) of the Canadian Energy Regulator Pipeline Damage Prevention Regulations (Authorizations).

For pipelines contained within Alberta, Enbridge is regulated by the Alberta Energy Regulator and is subject to the Pipeline Act and Pipeline Rules as amended or replaced from time to time.

- As per the Alberta Energy Regulator, any person who plans to engage in an activity that causes a ground disturbance within the pipeline right-of-way must obtain the written consent of the pipeline company.

Crossings

- Written consent from Enbridge is required for all crossings of the pipeline.
- The written authorization request must include:
 - Drawings with cross sections of the proposed new road and road widening to verify the depth of cover from both sides of the road.
 - Drawings should include any new utilities that will cross the ROW.
- No vehicles or mobile equipment, including heavy machinery, will be permitted to cross Enbridge's pipeline right-of-way without the prior written consent of Enbridge. Please complete Enbridge's Equipment Specification and Data Sheet(s) to make an application for temporary equipment crossing including timeframe, type and weight of equipment per axle together with the name of the applicant, address, contact name and phone number/email.
- Where future development such as a roadway or a parking area is proposed over the pipeline right-of-way, Enbridge may be required to carry out pipeline inspection and recoating of the existing pipeline(s) prior to the start of the development. **The costs of Enbridge's design, inspection, recoating work and any other pipeline alteration as a result of the crossing will be borne by the Developer.**

Ongoing Activities

- Written consent must be obtained from Enbridge for ongoing activities such as mowing or maintenance of the pipeline right-of-way on public lands.

Class Monitoring in the Pipeline Assessment Area

As per Federal and Provincial Regulatory Requirements and Standards, pipeline operators are required to monitor all new development in the vicinity of their pipelines that results in an increase in population or employment. Therefore, please keep us informed of any additional development being proposed within the Pipeline Assessment Area indicated in **Attachment 01 | Approximate Location of Pipeline Infrastructure**.

- If a pipe replacement is necessary because of the proposed development, temporary workspace shall be granted to Enbridge on terms and conditions to be (or as) negotiated. This workspace will be adjacent to the existing pipeline right-of-way and may be up to a maximum of 15m wide on either or both sides. Grading or landscaping of the workspace is not permitted until the replacement has been completed.

Subdivisions

- Lot lines are not to be incorporated over Enbridge's pipeline right-of-way. If lot lines are incorporated over Enbridge's pipeline right-of-way, the owner agrees, in writing to include the following warning clause in all offers of sale and purpose and/or lease:
"Future residents are advised that Enbridge owns and operates _____ pipeline(s) within an _____ m pipeline right-of-way on the property. As a result, there are conditions that apply to various activities over the pipeline right-of-way that must be approved by Enbridge."
- All display plans in the lot/home sales office shall identify the Enbridge pipeline right-of-way-corridor within the proposed linear park block(s).

Structures and Setbacks

Development setbacks from pipelines and rights-of-way are recommended in support of damage prevention and to allow both pipeline operators and developers buffer lands for operations and maintenance purposes.

- No permanent structures are permitted within the pipeline right-of-way area without Enbridge's prior written consent.

Other Development

Wells / Septic Systems

Wells or septic systems shall not be located on Enbridge's pipeline right-of-way. Construction of any septic system within 30m of the pipeline right-of-way requires prior written notification to Enbridge to ensure the septic bed will not adversely impact the integrity of the pipeline and pipeline right-of-way. Written consent from Enbridge must be received prior to the start of any work.

Aerial Power Lines

Aerial power lines crossing the pipeline right-of-way require aerial warning devices installed and properly maintained. No poles, pylons, towers, guys, anchors or supporting structures of any kind are permitted on the pipeline right-of-way.

Pathways, Fencing & Landscaping

Fencing Along ROW

- For development along an Enbridge right-of-way, permanent fencing shall be erected and maintained by the Developer at the Developer's cost along the limits of Enbridge's pipeline right-of-way. The fence erected must meet Enbridge's and the governing municipality's specifications concerning type, location and height. Any excavations for fence posts on, or within 30m of the pipeline must be done by hand or hydrovac. There shall be no augers operated on the pipeline right-of-way. The Developer shall notify Enbridge three business (3) days prior to any excavation for fence posts located on or within 30m of the pipeline.
- Limits of the pipeline right-of-way parallel to the pipeline shall be delineated with permanent fencing to prevent gradual encroachment by adjacent landowners. Suitable barriers shall be installed at all road accesses to prevent unauthorized motor vehicles from entering Enbridge's pipeline right-of-way.
- Enbridge's written consent must be obtained and One Call notifications must be completed prior to any fence installations.

Landscaping

No landscaping shall take place on Enbridge's pipeline right-of-way without Enbridge's prior written consent and where consent is granted such landscaping must be performed in accordance with Enbridge's Pipeline Crossing Guidelines, as follows:

- The landowner / developer shall ensure a 5m continuous access way in the pipeline right-of-way is provided for the Enbridge repair crews.

In order to maintain a clear view of the pipeline for the purposes of right-of-way monitoring, which is required by federal regulation, trees and shrubbery planted in proximity to the pipeline must meet the following criteria:

- Enbridge permits the following vegetation within the pipeline right-of-way: Flowerbeds, vegetable gardens, lawns and low shrubbery (under 1 m in height), and
- The mature growth height of vegetation does not exceed 1.5 m (5 ft) at maturity and must maintain a minimum distance of 3 m (10 ft) from the nearest pipeline.

Pathways / Trails

No pathways shall be installed on Enbridge's pipeline right-of-way without Enbridge's prior written consent and where consent is granted pathways must be designed in accordance with Enbridge's requirements:

- A pathway crossing Enbridge's pipeline right-of-way shall be installed as close as possible to a ninety (90) degree angle to the Enbridge pipeline(s).
- The width of the pathway shall not exceed 3m.
- A parallel pathway within Enbridge pipeline right-of-way shall maintain a minimum 5m separation from the edge of the Enbridge pipeline(s).
- Enbridge's pipeline(s) must be positively identified at certain intervals as directed by Enbridge's representative for parallel installation.
- Enbridge shall install pipeline markers at all road, pathway and other crossings throughout the development area at Developer's cost.

Drainage and Erosion

- The Developer shall ensure drainage is directed away from the pipeline right-of-way so that erosion will not adversely affect the depth of cover over the pipeline(s).
- Any large-scale excavation adjacent to the pipeline right-of-way, which is deeper than the bottom of the pipe, must maintain a slope of 3:1 away from the edge of the pipeline right-of-way.
- Depth of cover over Enbridge pipeline(s) shall not be compromised over the life of the Developer's facility due to rutting, erosion or other means.

Construction

- During construction of the site, temporary fencing must be erected and maintained along the limits of the pipeline right-of-way by the Developer to prevent unauthorized access by heavy machinery. The fence erected must meet Enbridge's specifications concerning type, height and location. The Developer is responsible for ensuring proper maintenance of the temporary fencing for the duration of construction. The Developer is responsible for the cost of material, installation and removal.
- Original depth of cover over the pipeline(s) within Enbridge's pipeline right-of-way shall be restored after construction. This depth of cover over the pipeline(s) shall not be compromised over the life of the Developer's facility due to rutting, erosion or other means.
- In the event Enbridge's pipeline(s) suffer contact damage or other damage as a result of construction, work shall stop immediately and Enbridge to be immediately notified.

Liability

In no event shall Enbridge be liable to the developer and/or landowner(s) for any losses, costs, proceedings, claims, actions, expenses or damages (collectively "Claims") the Developer and/or landowner(s) may suffer or incur as a result of or arising out of the presence of Enbridge pipeline(s) and/or operations on the pipeline right-of-way. The Developer and/or landowner(s) shall be responsible for all costs and expenses incurred to install, repair, replace, maintain or remove the Developer's and/or landowner(s) installations on or near the pipeline right-of-way and shall indemnify and save harmless Enbridge from all Claims brought against, suffered or incurred by Enbridge arising out of the activities of the Developer and/or landowner(s) in respect of the development or arising out of the presence, operation or removal of the Developer's and/or landowner(s) installations on or near Enbridge's pipeline right-of-way.



Attachment 03

Enbridge Pipeline Crossing Guidelines

Enbridge Pipeline Crossing Guidelines, Canada

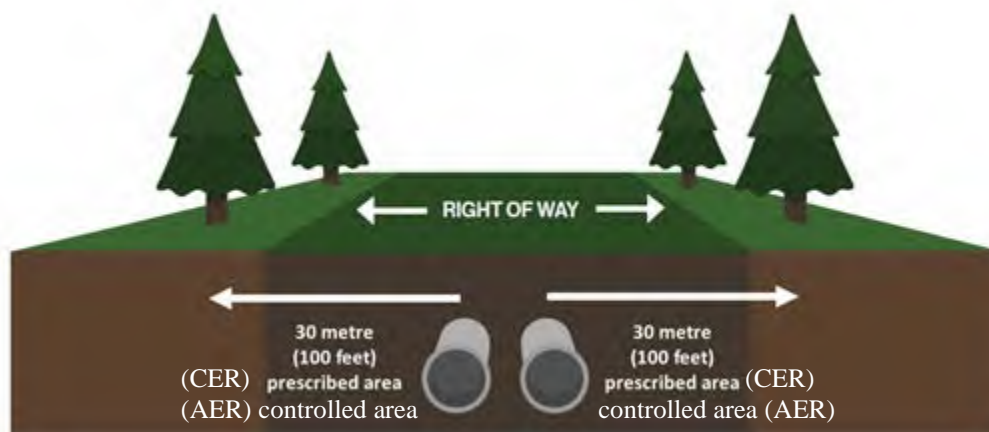
Application Guidance Details
May 2020 v2.0

Application Guidance Details

1. WHO REQUIRES CONSENT?

Consent is governed by the Canada Energy Regulator (CER) for interprovincial or international (federally regulated) pipelines and the Alberta Energy Regulatory (AER) for intra-provincial (provincially regulated) pipelines within the Province of Alberta. To ensure our pipelines and facilities operate safely written consent from Enbridge must be obtained in Canada before any of the following occur:

- ❖ Construction or installation of a new facility across, on, along or under Enbridge's pipeline and/or right-of-way;
- ❖ Ground disturbance activities in the prescribed area (CER) or controlled area (AER) which extends 30m from each side of the centerline of the pipeline;
- ❖ Operation or movement of vehicles, mobile equipment or machinery across Enbridge's right-of-way, outside of the travelled portion of a highway or public road;
- ❖ Using explosives within 300m of Enbridge's pipeline right-of-way;
- ❖ Use of the prescribed area or controlled area for storage or workspace purposes;
- ❖ Subdivision development across, on, along or over Enbridge's pipeline and/or right-of-way;
- ❖ Landowners wishing to install agricultural drainage tile across, on, along or under Enbridge's pipeline and/or right-of-way.



Activities that cause a ground disturbance include, but are not limited to, the following:

- | | |
|---------------------------|---|
| ❖ digging | ❖ clearing and stump removal |
| ❖ excavation | ❖ subsoiling |
| ❖ trenching | ❖ blasting/using explosives |
| ❖ ditching | ❖ quarrying |
| ❖ tunneling | ❖ grinding and milling of asphalt/concrete |
| ❖ boring/drilling/pushing | ❖ seismic exploration |
| ❖ augering | ❖ driving fence posts, bars, rods, pins, anchors or pilings |
| ❖ topsoil stripping | ❖ plowing to install underground infrastructure |
| ❖ land levelling/grading | ❖ crossing of buried pipelines or other underground infrastructure by heavy loads off the travelled portion of a public roadway |
| ❖ tree or shrub planting | ❖ installing agricultural drainage tile |

Under section 2 of the Canadian Energy Regulator Act, ground disturbance does not include:

- ❖ Cultivation to a depth of less than 45cm below the surface of the ground
- ❖ Any activity to a depth of less than 30cm and that does not result in reduction of the depth of earth cover over the pipeline less than that approved at time of construction

2. CROSSING A PIPELINE WITH AN AGRICULTURAL VEHICLE OR MOBILE EQUIPMENT

For pipelines regulated by the Canada Energy Regulator, the *Canadian Energy Regulator Pipeline Damage Prevention Regulations – Authorizations* provides that persons operating agricultural vehicles or mobile equipment across pipelines may do so in low-risk areas, under certain conditions:

- ❖ the loaded axle weight and tire pressures of the vehicle or mobile equipment are within the manufacturer's approved limits and operating guidelines; AND
- ❖ the point of crossing has not been the subject of a notification from the pipeline company that crossing at that location could impair the pipeline's safety or security.

This applies to vehicles or mobile equipment used for agricultural activities in the production of crops and the raising of animals and includes pasturing and cultivation activities such as tillage, plowing, disking and harrowing.

For pipelines regulated by the Alberta Energy Regulator, the *Pipeline Regulation (under the Pipeline Act)* provides that persons operating vehicles or equipment used for farming operations; or use of off-highway vehicles [as defined in section 117(a)(iii) to (viii) of the Traffic Safety Act] or use of private passenger vehicles (as defined in section 1(1)(jj) of the Traffic Safety Act) less than ¾ ton may temporarily cross over an AER regulated pipeline without further approval from Enbridge.

However, if neither of the above requirements can be met then an application must be submitted to Enbridge for further review and processing.

3. HOW TO APPLY FOR ENBRIDGE CONSENT

The applicant must submit a written request, either by completing the Application Form (attached) or a letter with equivalent information, together with the applicable drawing(s) to the respective Enbridge crossings department as set out in the *Contact Us* section of this document.

The drawing(s) must be prepared in accordance with the minimum standards as set out in the *Drawing Requirements* section of this document.

Enbridge's Equipment Specification and Data Sheet (attached) must also be completed for any vehicle/ mobile equipment crossing applications.

For federally regulated pipelines, the applicant may petition the Commission for approval of construction activity if:

- ❖ the applicant cannot comply with the terms and conditions as set out in the company's written consent;
- ❖ the applicant feels the terms and conditions in the company's written consent are excessive; or
- ❖ If the company refused to grant approval to the applicant for reasons of pipeline integrity, public safety or company policy.

An application can be filed with the Commission by writing to:

**Secretary of the Commission
Canada Energy Regulator
Suite 210, 517 – 10th Ave SW
Calgary AB T2R 0A8
Phone: 1-877-288-8803
Online: www.cer-rec.gc.ca**

Applications may be filed with the Commission by mail, courier or facsimile by calling the toll-free number at 1-877-288-8803. Applications can also be uploaded through the CER's Applications and Filings Portal on the CER website at Home / Applications and Filings / Submit Applications and Regulatory Documents / File under the CER Act / OPR: CER Act – Guide C (<http://www.cer-rec.gc.ca/pp/ctnflng/sbmt/nbpr-eng.html>).

4. DRAWING REQUIREMENTS

The following represents the minimum information that is required to be shown on the drawing(s) in order for Enbridge to review your application. Dimensions must be shown on the drawing(s) and may be done in either imperial or metric units (if metric, then to one decimal point).

NOTE: incomplete drawings and/or an incomplete application will be rejected back to the applicant.

(a) Permanent Installations

All proposed permanent installation drawings MUST contain the following items:

1. Plan Number, including any revision number and the respective date;
2. North Arrow;
3. Scale;
4. Legend;
5. Location indicator including: legal land description, PIN, GPS coordinates;
6. Plan view of whole quarter section or affected area including:
 - ❖ Lot lines, road limits
 - ❖ Proposed facilities (including curbs, footing, guard rails, guy wires, poles, fences, etc.) with tie dimensions to lot survey line preferably along pipeline and/or right-of-way boundary
 - ❖ Location of cathodic test lead terminals (if applicable);
7. Cross section view and/or profile view including:
 - ❖ For surface structures, show profile along pipeline(s) with highest elevation
 - ❖ For underground facilities show profile along facility
 - ❖ Property lines, pipeline(s) and depth of cover
 - ❖ All underground facilities must maintain an even elevation across the entire width of right-of-way except for gravity type facilities or those facilities installed by HDD;
 - ❖ Drill path plan for HDD installations
 - ❖ Unsupported span (m) of Enbridge pipeline for open cut installations
8. Crossing Angle;
9. Crossing location circled in red;
10. Identify all affected Enbridge facilities, right-of-way(s) and pipeline markers;
11. Method of Installation (MOI) (**Refer to Interpretation/Definitions section*);
12. Minimum Clearance (**Refer to Interpretation/Definitions section*);
13. Facility specifications:
 - ❖ PIPE/CABLE: pipe diameter, pipe material, product conveyed, cable size, if cable is within a conduit, conduit material, cable voltage; unsupported span (meters) of existing pipeline if MOI is open cut;
 - ❖ ROAD: width of road, cover at ditch, cover at center of road, surface material, road type/use; design loading calculation; indicate if any Government or Provincial setback requirements
 - ❖ OVERHEAD POWER: pole number(s), location of pole/guy wire/anchors/etc., method of installation of pole/guy wire/anchors/etc., horizontal clearance to pipe from proposed pole/guy wire/anchors/etc., vertical clearance to ground/grade, voltage, type of power (AC/DC), AC mitigation plan may be required;
 - ❖ PIPE RACK: height of pipe rack, pile location(s), pile clearance to Grantor's facility, pile installation method; alternate access route provided for rural locations
 - ❖ DRAINAGE TILE: location of tiles and incremental cost analysis.
14. Complete the Equipment Specification and Data Sheet, when required.

(b) Temporary Activities

All temporary drawings MUST contain the following:

1. Plan Number, including any revision number and the respective date;
2. North Arrow;
3. Scale;
4. Legend;
5. Location indicator including: legal land description, PIN, GPS coordinates;
6. Plan view of whole quarter section or affected area;
7. Temporary activities location circled in red;
8. Identify all affected Enbridge facilities, right of way(s) and/or PLA/easement ownership;
9. Facility specifications:
 - ❖ WORKSPACE: location, measurement of workspace, purpose;
 - ❖ ACCESS OF ROW: location, kilometer usage of ROW, width of access; egress/ingress points, complete the Equipment Specification and Data Sheet (attached);
 - ❖ EQUIPMENT CROSSING: complete the Equipment Specification and Data Sheet (attached);
 - ❖ ROAD USE: indicate road(s) to be utilized, km usage, reason required, frequency of use; complete the Equipment Specification and Data Sheet (attached);
 - ❖ GEOPHYSICAL: project/prospect name, number of reading units/lines, type of source, CER approval required (Y/N).

5. INTERPRETATION / DEFINITIONS

For crossing application purposes, Enbridge defines the following as:

Grantee means the applicant or the facility owner; a company, a person, a municipality or government body, etc.

Method of Installation means OPEN CUT or HDB or HDD; all defined as follows:

OPEN CUT

Enbridge defines open cut as trench methodology wherein access is gained to the required level underground for the proposed installation, maintenance or inspection of a pipe, conduit or cable. The excavated trench is then backfilled and the surface restored.

HORIZONTAL DIRECTIONAL BORE (HDB)

Enbridge defines horizontal directional bore as meeting ALL of the following:

- (a) The designed horizontal distance of the crossing shall be less than or equal to 150m (500ft) in length; AND
- (b) The depth of the pipeline installation shall be limited to 8m (25ft) to the centre (cross-section) of the pilot hole and measured to the corresponding surface location; AND
- (c) Straight alignment in the horizontal plane; AND
- (d) Pilot bit is steerable and trackable.

HORIZONTAL DIRECTIONAL DRILL (HDD)

Enbridge defines horizontal directional drill as an *HDB* that DOES NOT meet all of the criteria for an *HDB*. An *HDD* will satisfy some but not all of: a, b and c above and will satisfy d.

Minimum Clearance means the required distance between the existing Enbridge facility and the proposed facility based on the selected *Method of Installation*.

Minimum clearance required for installation ABOVE Enbridge facility by OPEN CUT is 0.3m
Minimum clearance required for installation BELOW Enbridge facility by OPEN CUT is 0.6m
Minimum clearance required for installation BELOW Enbridge facility by HDB is 1.0m
Minimum clearance required for installation BELOW Enbridge facility by HDD is 3.0m
Minimum clearance required for road installation from bottom of ditch to top of Enbridge facility is 0.9m and from centerline of road to top of Enbridge facility is 1.2m
Minimum clearance required for railway installation from bottom of ditch to top of Enbridge <i>uncased</i> facility is 1.83m and from centerline of rail bed to top of Enbridge <i>uncased</i> facility is 3.05m
Minimum clearance required for railway installation from bottom of ditch to top of Enbridge <i>cased</i> facility is 0.91m and from centerline of rail bed to top of Enbridge <i>cased</i> facility is 1.68m

6. WRITTEN CONSENT

After applying for written consent, Enbridge will review the proposed installation and/or temporary activities application in order to ensure that the proposed work will not pose a risk to existing Enbridge facilities, as well as, to ensure that any access required to existing facilities for maintenance or in an emergency situation will not be impeded.

Some applications may require further engineering assessment which will require additional time to review the proposed installation and/or temporary activities prior to Enbridge issuing consent. All efforts will be made to provide an agreement within an appropriate timeframe, however, please ensure that your application request is submitted with ample lead time.

7. CONTACT US

To obtain written consent from Enbridge, please contact the respective office as set out below:

REGION	CONTACT INFORMATION
LIQUIDS PIPELINES - WESTERN CANADA (Alberta, Saskatchewan, Manitoba and Norman Wells)	Lands & ROW 330, 10180 – 101 Street Edmonton AB T5J 3S4 Email: crossingrequests@enbridge.com Phone: 780-378-2228
LIQUIDS PIPELINES - EASTERN CANADA (Ontario and Quebec)	Lands & ROW 1 st Floor, 1086 Modeland Road, Bldg 1050 Sarnia ON N7S 6L2 Email: est.reg.crossing@enbridge.com Phone: 1-800-668-2951
GAS PIPELINES / STORAGE - BRITISH COLUMBIA	Lands & ROW 200, 425 – 1 Street SW Calgary AB T2P 3L8 Email: crossings@enbridge.com Phone: 587-747-6538

GAS STORAGE - ONTARIO	3501 Tecumseh Road Mooretown ON N0N 1M0 Email: chris.pincombe@enbridge.com Phone: 519-862-6092
GAS PIPELINE - ALLIANCE	Lands & ROW 600, 605 – 5 Ave SW Calgary AB T2P 3H5 Email: crossings@alliancepipeline.com Phone: 403-266-4464

For more information on Enbridge Gas Distribution please click the link: <https://www.enbridgegas.com/gas-safety/pipeline-safety.aspx>

8. ONE CALL CENTRES

Before putting a shovel in the ground, whether it is in your backyard or a commercial jobsite, please do a locate request to safely identify any buried utility lines at www.clickbeforeyoudig.com.

Your local one call centre can also be reached by phone as shown below:

CALL OR CLICK BEFORE YOU DIG!! Contact your respective one-call centre	
British Columbia https://www.bconecall.bc.ca/ 1-800-474-6886	Alberta http://albertaonecall.com 1-800-242-3447
Saskatchewan www.sask1stcall.com 1-866-828-4888	Manitoba http://www.clickbeforeyoudigmb.com/ 1-800-940-3447
Ontario www.on1call.com 1-800-400-2255	Quebec www.info-ex.com 1-800-663-9228
Northwest Territories 1-867-587-7000 Or contact the pipeline company directly	

9. REGULATORS

In Canada, Enbridge has pipelines that are regulated by both the federal government and provincial governments. For more information on any of the regulators please visit their respective website.

Canada Energy Regulator: www.cer-rec.gc.ca

Alberta Energy Regulator: www.aer.ca

10. DEVELOPMENT ON OR NEAR THE RIGHT-OF-WAY

Enbridge should be consulted early in the design phase with regards to proposed subdivisions, roads and utilities, and municipal landscaping.

Subdivisions – Enbridge highly recommends that our right-of-way be used as a passive green space or as part of a linear park system. Permanent structures on the right-of-way are not permissible.

Roads and Utilities – Roads may be permitted to cross and/or run parallel to the right-of-way but no portion of a road allowance can be located on the right-of-way (apart from approved road crossings). Enbridge will review the location of utilities which are often proposed within the road allowance.

Landscaping – Projects such as pedestrian pathways may be permitted as long as they do not impede Enbridge's access along its right-of-way for operational and/or maintenance activities. Enbridge's written consent will specify the permitted landscaping requirements.

11. DAMAGE PREVENTION

Enbridge's underground facilities must be positively identified, to Enbridge's satisfaction, prior to the start of any proposed construction activities.

Enbridge's representative(s) have the authority to stop work at any time due to safety, environmental or operational concerns and/or unforeseen circumstances or emergency situations.

****IMMEDIATELY NOTIFY ENBRIDGE IF YOU COME INTO CONTACT WITH THE PIPE! ****

As a small scratch or dent in the pipeline's coating can impact long term safety of the pipeline and must be assessed by Enbridge.

Please note that obstacles or un-approved above ground installations located on an Enbridge right-of-way, such as sheds, trailers, boats and pools can interfere with Enbridge's access of their right-of-way. Permanent structures on the right-of-way are NOT permissible.

Enbridge must be contacted before conducting any blasting activities within 300m of the pipeline right-of-way so that Enbridge can review the proposed plans in order to see if there might be potential impacts to its facilities. Blasting activities related to prospecting for mines and minerals within 40m of a federally regulated pipeline right-of-way requires permission from the Canada Energy Regulator.

12. EMERGENCY SITUATIONS

In an emergency situation please provide as much notice, as is practicable, to Enbridge prior to commencement of any construction, excavation, installation or temporary crossing of existing pipelines and/or right-of-ways in order to access the emergency site.

Enbridge classifies an emergency situation as:

- ❖ A risk to human life;
- ❖ Required emergency repairs of public services; or
- ❖ To contain an environmental emergency.

In an emergency situation please call: **1-877-420-8800** (toll free) and/or contact your local One Call provider at the numbers listed in section 8.

DISCLAIMER: THESE GUIDELINES ARE INTENDED TO PROVIDE USEFUL CROSSING APPLICATION GUIDANCE INFORMATION TO THE APPLICANT. SUBMISSION OF AN APPLICATION MEETING THE REQUIREMENTS AS SET OUT HEREIN DOES NOT CONSTITUTE WRITTEN CONSENT FROM ENBRIDGE. ALL APPLICATIONS WILL BE REVIEWED BY ENBRIDGE TO DETERMINE WHETHER THE APPLICATION WILL BE APPROVED.



THIRD PARTY CROSSING APPLICATION FORM

APPLICANT INFORMATION

Grantee* Full Legal Name for Agreement:

Regulator:

Other:

Grantee Address for Service:

Grantor/Enbridge Entity

Application by Broker/Land Consultant

Yes ☐ No ☐

Broker/Land Consultant Name:

Contact Person Name:

Contact Person Phone Number:

File Number:

Broker/Land Consultant Address:

CROSSING INFORMATION

Expected construction start and end date(s):

Permanent Installation ☐

Temporary Activities ☐

Crossing ☐

Drainage Tile ☐

Pole/Pile Installation ☐

Other ☐

Workspace ☐

Equipment Crossing ☐

Access of ROW ☐

Geophysical ☐

Road Use ☐

Proximity ☐

Other ☐

Location indicator including affected legal land description(s), PIN and GPS Coordinates (Latitude and Longitude Decimal Degree):

Grantor's Affected Disposition(s) (Alberta) (i.e. PLA # or License # or Line #):

Grantee's Field Contact Information:

Name:

Phone:

Email:



THIRD PARTY CROSSING APPLICATION FORM

Details of Grantee's Proposed Permanent Installation and/or Purpose of Temporary Activities

Method of Installation* *(For permanent installations)*

Open Cut ☐ HDB ☐ HDD ☐

Drawing(s) Attached

Yes ☐ No ☐

Drawing Requirements Met *

Yes ☐ No ☐

Equipment Specification and Data Sheet Attached *

Yes ☐ No ☐ N/A ☐

Notes/Additional Information:

SUBMIT TO:

LIQUIDS PIPELINES WESTERN CANADA (Alberta, Saskatchewan, Manitoba and Norman Wells)	LIQUIDS PIPELINES EASTERN CANADA (Ontario and Quebec)
Department: Lands & ROW	Department: Lands & ROW
Address: 330, 10180 – 101 Street Edmonton AB T5J 3S4	Address: 1 st Floor, 1086 Modeland Road, Bldg 1050 Sarnia ON N7S 6L2
Email: crossingrequests@enbridge.com	Email: est.reg.crossing@enbridge.com

Equipment Specification and Data Sheet(s)



In order to properly conduct an analysis on the requested crossing the following general information and appropriate data sheets are required to be completed.

Steps:

1. Complete the *Applicant – Information and Details* document for each crossing application
2. Add and complete the *Data Sheet – Equipment or Vehicle with Tires* for EACH piece of equipment
3. Add and complete the *Data Sheet – Equipment with Tracks* for EACH piece of equipment
4. Return fully completed general information and data sheets and any other pertinent information

Applicant Information

Applicant Name:	
Applicant Contact Person Name:	
Email:	
Phone Number:	
Applicant Reference/File Number:	

Details

Description and Purpose of Crossing:			
Location Indicator (legal land description, PIN, etc.)			
GPS Coordinates:(Latitude and Longitude Decimal Degree)			
Duration:	Temporary <input type="checkbox"/>	Permanent <input type="checkbox"/>	
Start Date:		End Date:	
Equipment or Vehicle with Tires:	Yes <input type="radio"/>	No <input type="radio"/>	Datasheet: <input type="text"/>
Equipment with Tracks:	Yes <input type="radio"/>	No <input type="radio"/>	Datasheet: <input type="text"/>

Save Form

Reset Form

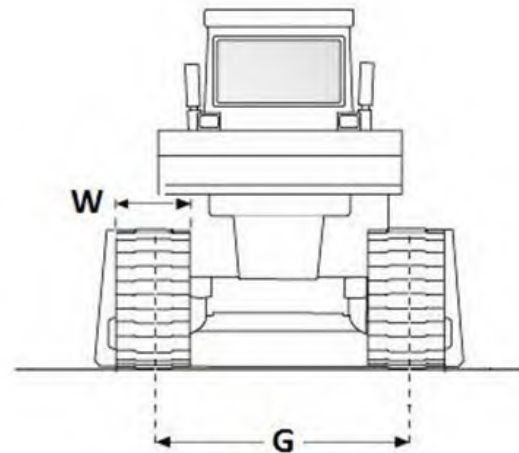
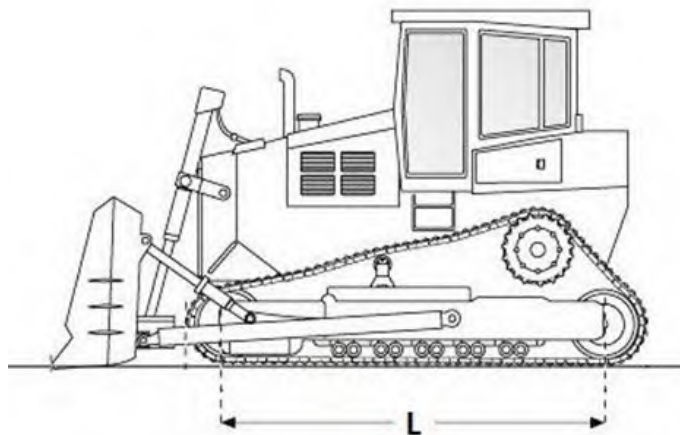
Data Sheet – Equipment with Tracks

Complete this data sheet for each piece of equipment with tracks.

Equipment with Tracks

INDICATE UNITS

Manufacturer:			
Model:			
Equipment Description:			
Fully Loaded Gross Vehicle Weight:		Weight Unit	
	Track Shoe Width (refer to W below)	Track Length on Ground (refer to L below)	Track Gauge (on center) (refer to G below)
Units	Select Unit	Select Unit	Select Unit
Track			



Add Page

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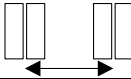
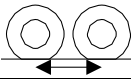
Data Sheet – Equipment or Vehicle with Tires

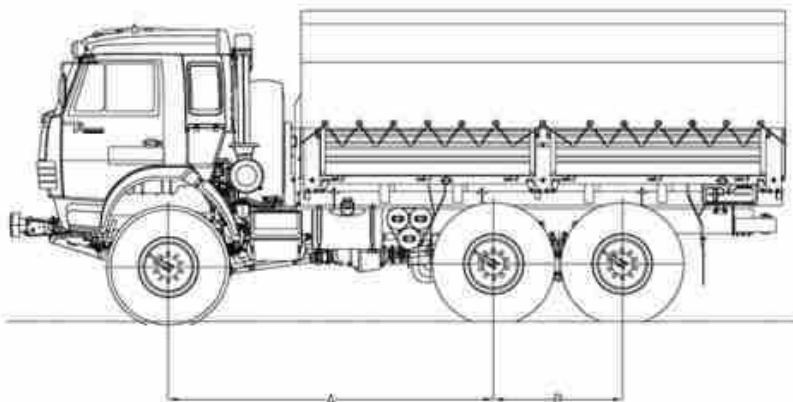
Complete this data sheet for **EACH** piece of equipment or vehicle with tires.

EXCLUSION: pick up trucks of one ton or less

Equipment or Vehicle with Tires

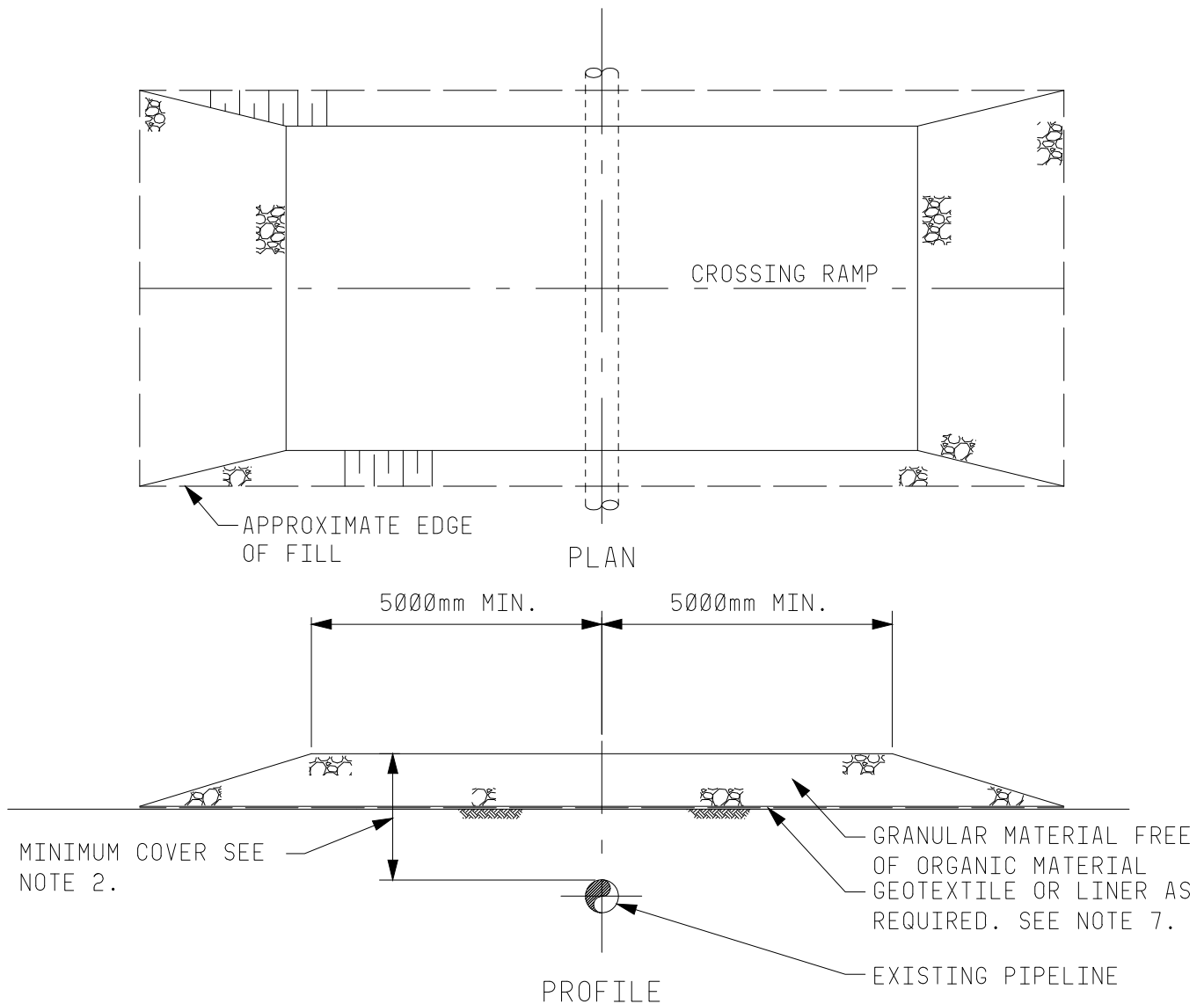
INDICATE UNITS

Manufacturer:						
Model:						
Equipment Description:						
Fully Loaded Gross Vehicle Weight:					Weight Unit	
Road legal without overweight permit?		Yes <input type="radio"/>			No <input type="radio"/>	
Axle	Maximum Loaded Weight PER Axle	Number of Tires PER Axle	Tire Width (refer to D below)	Tire Pressure	Distance between Tire Set Centerlines (refer to C below) 	Centerline Distance to Previous Axle (refer to A below) (refer to B below) 
Units	Select Unit		Select Unit	Select Unit	Select Unit	Select Unit
Steering						
2 nd						
3 rd						
4 th						
5 th						
6 th						
7 th						



Add Page

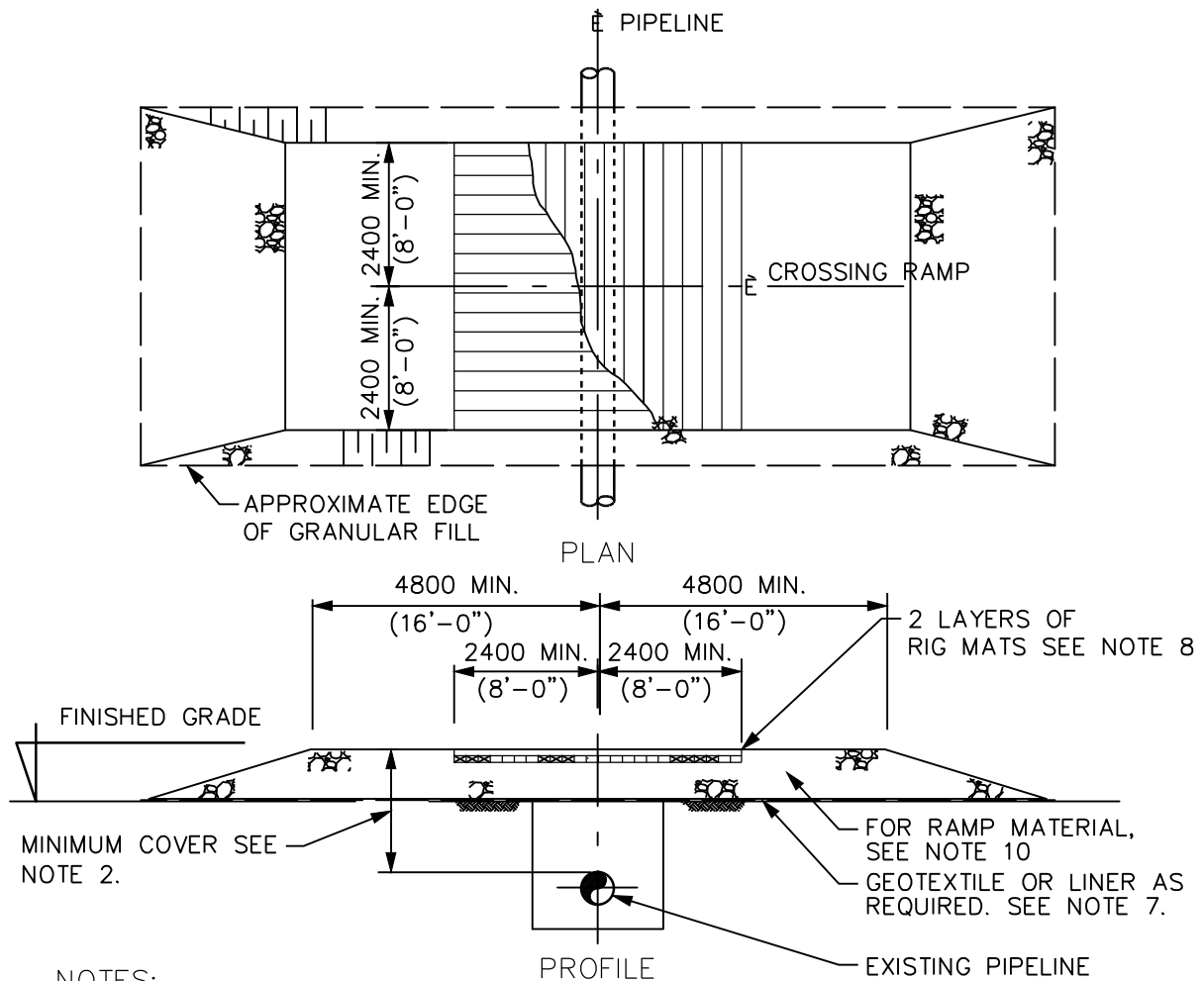
Delete Page



NOTES:

1. ON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL REMOVE COMPLETE RAMP AND RESTORE AREA TO ORIGINAL CONDITION.
2. MINIMUM COVER SHALL BE AS SPECIFIED IN THE CROSSING AGREEMENT.
3. LENGTH OF RAMP TO VARY IN ACCORDANCE WITH CROSSING ANGLE.
4. RAMP WIDTH SHALL BE MINIMIZED AS MUCH AS POSSIBLE, AND SHALL NOT ENCROACH BOUNDARIES SET IN THE CROSSING AGREEMENT.
5. RAMP SIDE SLOPE SHALL NOT BE STEEPER THAN 1V:4H.
6. RAMP SHALL BE COMPACTED, AND HAVE A CROSS FALL TO ENSURE THAT WATER WILL NOT POND ON THE RAMP CAUSING EXCESSIVE RUTTING.
7. A GEOTEXTILE OR LINER BARRIER TO BE INSTALLED AT THE DISCRETION OF THE ENBRIDGE FIELD REPRESENTATIVE.
8. REFER TO DRAWING A-1.8-43105 FOR FRENCH VERSION.
REFERE AU DESSIN A-1.8-43105 POUR VERSION FRANCAISE.

A-1.8-43105-0		TYPICAL DESIGN DETAIL	
REFERENCE DRAWINGS			
2	FRENCH TRANSLATION REFERENCE AS PER IDR 583	2019 JAN 11	BLB
1	AS BUILT INTERNAL DRAFTING ID 304	20 MAR 18	GB
REV. NO.	REVISION DESCRIPTION	DATE BY	CHK APPR.
COPYRIGHT © THIS DRAWING IS THE PROPERTY OF ENBRIDGE AND SHALL NOT BE REPRODUCED EITHER IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT OF ENBRIDGE.			
ENBRIDGE			
TYPICAL DESIGN DETAIL TYPICAL TEMPORARY CROSSING RAMP WITH EARTH			
BY: GB	CHK: GG	ENG. :	ENB APPR:
DATE: 14 FEB 18	SCALE: NTS	STATUS: AS BUILT	
DWG. NO.:	A-1.8-42872-0		REV. NO. 2

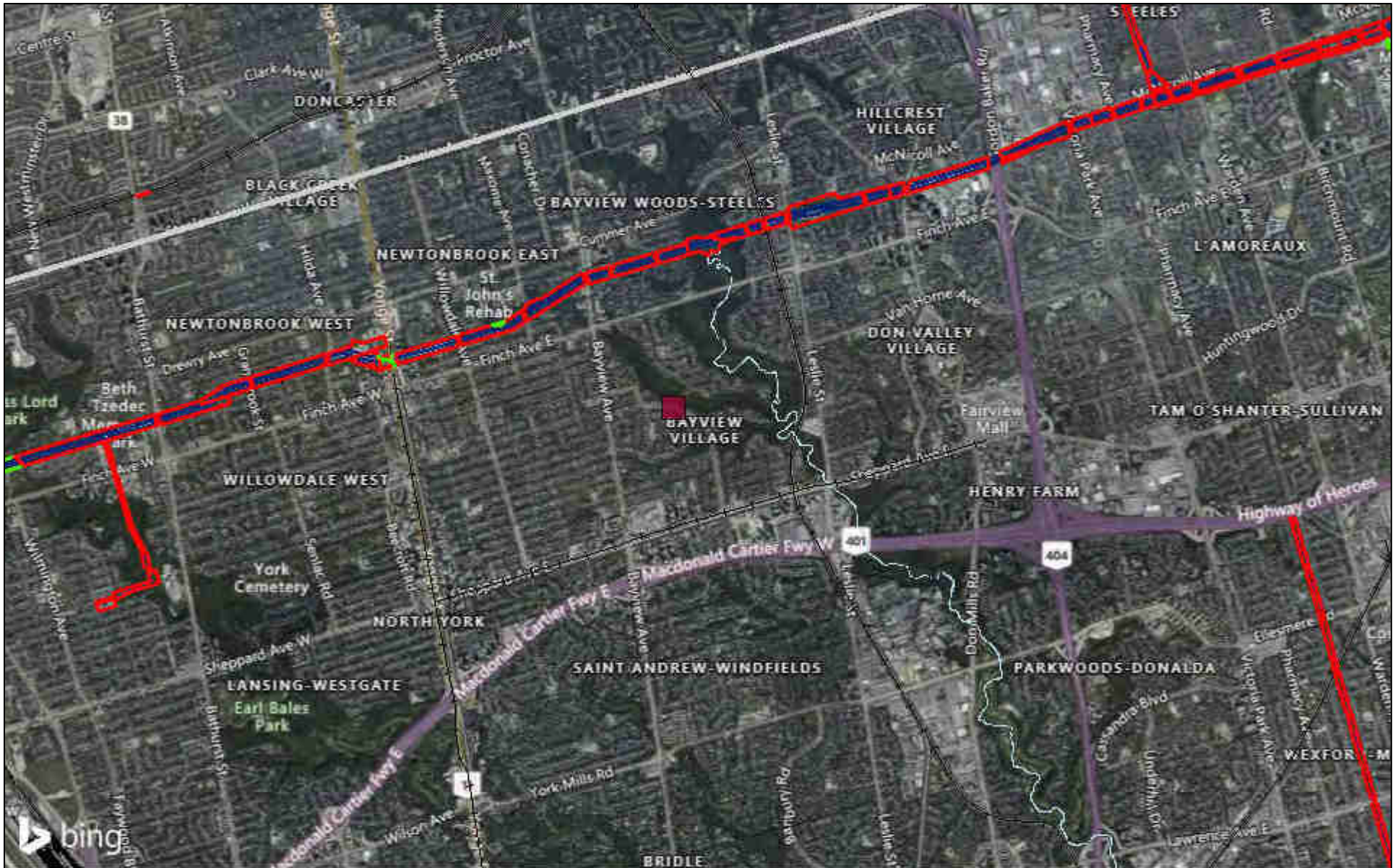


NOTES:

- ON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL REMOVE COMPLETE RAMP AND RESTORE AREA TO ORIGINAL CONDITION.
- MINIMUM COVER SHALL BE AS SPECIFIED IN THE CROSSING AGREEMENT.
- LENGTH OF RAMP TO VARY IN ACCORDANCE WITH CROSSING ANGLE.
- RAMP WIDTH SHALL BE MINIMIZED AS MUCH AS POSSIBLE, AND SHALL NOT ENCROACH BOUNDARIES SET IN THE CROSSING AGREEMENT.
- RAMP SIDE SLOPE SHALL NOT BE STEEPER THAN 1V:4H.
- RAMP SHALL BE COMPACTED, AND HAVE A CROSS FALL TO ENSURE THAT WATER WILL NOT POND ON THE RAMP CAUSING EXCESSIVE RUTTING.
- A GEOTEXTILE OR LINER BARRIER TO BE INSTALLED DURING SPRING, SUMMER AND FALL SEASONS.
- RIG MATS SHALL BE STAGGERED OR PLACED IN A PERPENDICULAR ORIENTATION FROM THE PREVIOUS LAYER SO THAT THE EDGES DO NOT LINE UP
- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED
- SNOW OR ICE CAN BE USED AT THE DISCRETION OF THE ENBRIDGE FIELD REPRESENTATIVE.
- REFER TO DRAWING A-1.8-43106 FOR FRENCH VERSION.
REFERE AU DESSIN A-1.8-43106 POUR VERSION FRANCAISE.

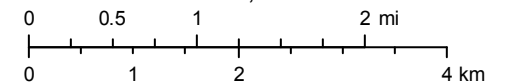
A-1.8-43106-0				TYPICAL DESIGN DETAIL			
REFERENCE DRAWINGS							
3	AS BUILT DR. IDR 743	20 JUN 19	MF	AE	ENB		
2	FRENCH TRANSLATION REFERENCE	11 JAN 19	MM	BLB	ENB		
1	AS BUILT INTERNAL DRAFTING ID 304	20 MAR 18	BLB	GB	ENBRIDGE		
REV. NO.	REVISION DESCRIPTION	DATE	BY	CHK	APPR.		
COPYRIGHT IS THIS DRAWING IS THE PROPERTY OF ENBRIDGE AND SHALL NOT BE REPRODUCED EITHER IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT OF ENBRIDGE.							
ENBRIDGE							
TYPICAL DESIGN DETAIL TYPICAL TEMPORARY CROSSING RAMP WITH RIG MATS							
BY: GB	CHK: GG	ENG.:		ENB APPR:			
DATE:	14 FEB 18	SCALE: NTS		STATUS: AS BUILT			
DWG. NO.:	A-1.8-42873-0					REV. NO.:	3

Landscape PDF



October 26, 2022

1:72,224



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Airbus DS © 2022 TomTom



Hydro One Networks Inc.

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

HydroOne.com

October 26, 2022

Re: Newtonbrook and Blue Ridge Creeks Geomorphic Systems Master Plan

Attention:
Tracy Manolakakis
Manager, Public Consultation Unit

Thank you for sending us notification regarding (Newtonbrook and Blue Ridge Creeks Geomorphic Systems Master Plan). In our preliminary assessment, we have confirmed that Hydro One has existing high voltage Transmission facilities within your study area. At this time we do not have sufficient information to comment on the potential resulting impacts that your project may have on our infrastructure. As such, we must stay informed as more information becomes available so that we can advise if any of the alternative solutions present actual conflicts with our assets, and if so; what resulting measures and costs could be incurred by the proponent. Note that this response does not constitute approval for your plans and is being sent to you as a courtesy to inform you that we must continue to be consulted on your project.

In addition to the existing infrastructure mentioned above, the applicable transmission corridor may have provisions for future lines or already contain secondary land uses (e.g., pipelines, watermains, parking). Please take this into consideration in your planning.

Also, we would like to bring to your attention that should (Newtonbrook and Blue Ridge Creeks Geomorphic Systems Master Plan) result in a Hydro One station expansion or transmission line replacement and/or relocation, an Environmental Assessment (EA) will be required as described under the Class Environmental Assessment for Minor Transmission Facilities (Hydro One, 2016). This EA process would require a minimum of 6 months for a Class EA Screening Process (or up to 18 months if a Full Class EA were to be required) to be completed. Associated costs will be allocated and recovered from proponents in accordance with the Transmission System Code. If triggered, Hydro One will rely on studies completed as part of the EA you are current undertaking.

Consulting with Hydro One on such matters during your project's EA process is critical to avoiding conflicts where possible or, where not possible, to streamlining processes (e.g., ensuring study coverage of expansion/relocation areas within the current EA). Once in receipt of more specific project information regarding the potential for conflicts (e.g., siting, routing), Hydro One will be in a better position to communicate objections or not objections to alternatives proposed.

If possible at this stage, please formally confirm that Hydro One infrastructure and associated rights-of-way will be completely avoided, or if not possible, allocate appropriate lead-time in your

project schedule to collaboratively work through potential conflicts with Hydro One, which ultimately could result in timelines identified above.

In planning, note that developments should not reduce line clearances or limit access to our infrastructure at any time. Any construction activities must maintain the electrical clearance from the transmission line conductors as specified in the Ontario Health and Safety Act for the respective line voltage.

Be advised that any changes to lot grading or drainage within, or in proximity to Hydro One transmission corridor lands must be controlled and directed away from the transmission corridor.

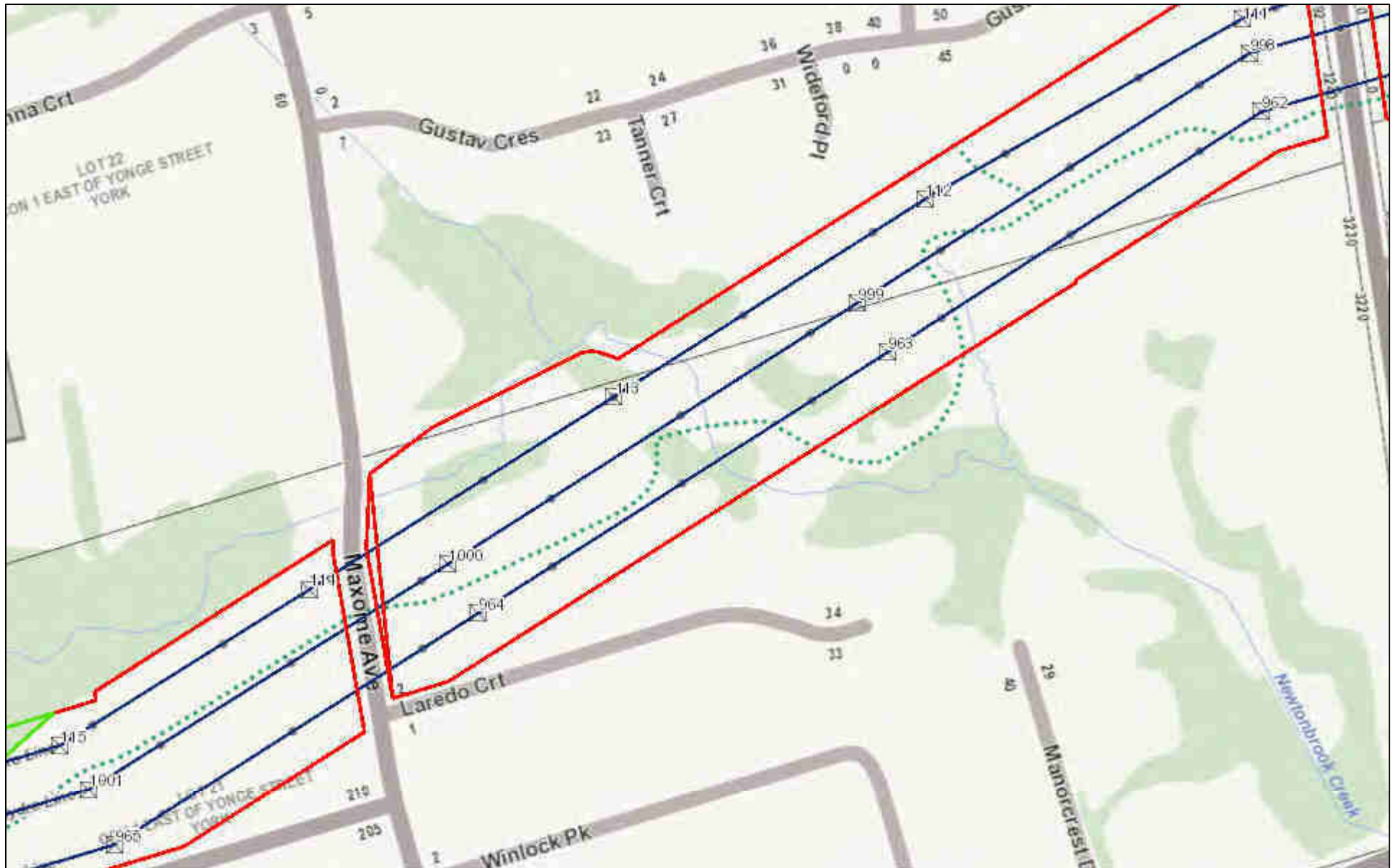
Please note that the proponent will be held responsible for all costs associated with modifications or relocations of Hydro One infrastructure that result from your project, as well as any added costs that may be incurred due to increased efforts to maintain said infrastructure.

We reiterate that this message does not constitute any form of approval for your project. Hydro One must be consulted during all stages of your project. Please ensure that all future communications about this and future project(s) are sent to us electronically to secondarylanduse@hydroone.com

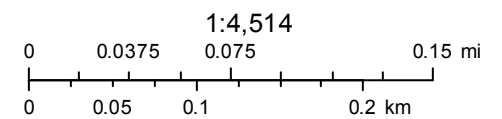
Sent on behalf of,

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

Landscape PDF



October 10, 2023



October 16, 2023

Re: Newtonbrook Creek Restoration and Infrastructure Protection Study

Attention:
Aadila Valiallah,
Senior Coordinator
Public Consultation Unit

Thank you for sending us notification regarding (Newtonbrook Creek Restoration and Infrastructure Protection Study). In our preliminary assessment, we have confirmed that Hydro One has existing high voltage Transmission facilities within your study area (see map attached). At this time we do not have sufficient information to comment on the potential resulting impacts that your project may have on our infrastructure. As such, we must stay informed as more information becomes available so that we can advise if any of the alternative solutions present actual conflicts with our assets, and if so; what resulting measures and costs could be incurred by the proponent. Note that this response does not constitute approval for your plans and is being sent to you as a courtesy to inform you that we must continue to be consulted on your project.

In addition to the existing infrastructure mentioned above, the applicable transmission corridor may have provisions for future lines or already contain secondary land uses (e.g., pipelines, watermains, parking). Please take this into consideration in your planning.

Also, we would like to bring to your attention that should (Newtonbrook Creek Restoration and Infrastructure Protection Study) result in a Hydro One station expansion or transmission line replacement and/or relocation, an Environmental Assessment (EA) will be required as described under the Class Environmental Assessment for Minor Transmission Facilities (Hydro One, 2016). This EA process would require a minimum of 6 months for a Class EA Screening Process (or up to 18 months if a Full Class EA were to be required) to be completed. Associated costs will be allocated and recovered from proponents in accordance with the Transmission System Code. If triggered, Hydro One will rely on studies completed as part of the EA you are current undertaking.

Consulting with Hydro One on such matters during your project's EA process is critical to avoiding conflicts where possible or, where not possible, to streamlining processes (e.g., ensuring study coverage of expansion/relocation areas within the current EA). Once in receipt of more specific project information regarding the potential for conflicts (e.g., siting, routing), Hydro One will be in a better position to communicate objections or not objections to alternatives proposed.

If possible at this stage, please formally confirm that Hydro One infrastructure and associated rights-of-way will be completely avoided, or if not possible, allocate appropriate lead-time in your

project schedule to collaboratively work through potential conflicts with Hydro One, which ultimately could result in timelines identified above.

In planning, note that developments should not reduce line clearances or limit access to our infrastructure at any time. Any construction activities must maintain the electrical clearance from the transmission line conductors as specified in the Ontario Health and Safety Act for the respective line voltage.

Be advised that any changes to lot grading or drainage within, or in proximity to Hydro One transmission corridor lands must be controlled and directed away from the transmission corridor.

Please note that the proponent will be held responsible for all costs associated with modifications or relocations of Hydro One infrastructure that result from your project, as well as any added costs that may be incurred due to increased efforts to maintain said infrastructure.

We reiterate that this message does not constitute any form of approval for your project. Hydro One must be consulted during all stages of your project. Please ensure that all future communications about this and future project(s) are sent to us electronically to secondarylanduse@hydroone.com

Sent on behalf of,

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

From: [Tracy Manolakakis](#)
To: [Aadila Valiallah](#)
Subject: FW: MCM Response - City of Toronto Geomorphic Systems Master Plans - Newtonbrook and Blue Ridge Creeks and German Mills Creek
Date: January 22, 2024 3:48:15 PM
Attachments: [image001.png](#)
[2024-01-22 NewtonbrookandBlueRidgeCreeks_GeomorphicSystemsMP_MCMInitialLetter_Draft.pdf](#)
[2022-10-03 NofCommencement_Newtonbrook_Final.pdf](#)

Please save to your tracking

From: Leclerc, Erika (MCM) <erika.leclerc@ontario.ca>
Sent: January 22, 2024 3:34 PM
To: Tracy Manolakakis <Tracy.Manolakakis@toronto.ca>
Cc: Devin Coone <Devin.Coone@toronto.ca>; Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>
Subject: [External Sender] MCM Response - City of Toronto Geomorphic Systems Master Plans - Newtonbrook and Blue Ridge Creeks and German Mills Creek

Dear Tracy Manolakakis,

Thank you for sending the Notice of Study Commencement for the Newtonbrook and Blue Ridge Creeks Geomorphic Systems Master Plan to the Ministry of Citizenship and Multiculturalism (MCM). Please find attached MCM's initial letter.

Please do not hesitate to contact us if you have any questions.

Kind regards,

Erika Leclerc (she/her)
Heritage Planner
Ministry of Citizenship and Multiculturalism
(416) 305-0757 | erika.leclerc@ontario.ca

From: Tracy Manolakakis <Tracy.Manolakakis@toronto.ca>
Sent: October-03-22 11:07 AM
To: Greene, Robert (TBS) <Robert.Greene@ontario.ca>; Barboza, Karla (MTCS) <Karla.Barboza@ontario.ca>; Minkin, Dan (MTCS) <Dan.Minkin@ontario.ca>; Chisholm, Stewart (MMAH) <Stewart.Chisholm@ontario.ca>; Harris, Maya (MMAH) <Maya.Harris@ontario.ca>; Strong, Steven (MNRF) <steven.strong@ontario.ca>; Beth.Williston@trca.ca; Sharon.Lingertat@trca.ca; Liu, Chunmei (MECP) <Chunmei.Liu@ontario.ca>; troy@beanfield.com; ken.elliott@bell.ca; Bell.MOC@Telecon.ca; tara.causton@bell.ca; anthony.pejovic@bell.ca; danselmi@clc.ca; proximity@cn.ca; UtilityCirculations@aptum.com; Brad.Swant@aptum.com; josie_tomei@cpr.ca; orest_rojik@cpr.ca; notifications@enbridge.com; ekriarakis@enwave.com; james.scharbach@enwave.com; Tyler.Wales@HydroOne.com; kirk.t.smoke@esso.ca; bmclean@metrofibrewerx.com; Paul.Collins@metrolinx.com; susan.rapin@opg.com;

GT.moc@telecon.ca; Edgar.Henriquez@rci.rogers.com; John.Lionti@rci.rogers.com;
GTA.Markups@rci.rogers.com; Ralph.vonEppinghoven@rci.rogers.com;
bobbi.hunter@rci.rogers.com; john.lionti@rci.rogers.com; Info@sun-canadian.com;
Anthony.Segreto@telus.com; telusutilitymarkups@telecon.ca; tpucc@teraspan.com;
utility.circulations@torontohydro.com; vvolokitin@torontohydro.com; seedgar@tnpi.ca;
landroweast@tnpi.ca; richard.ntoneepeeing@videotron.com; david.pitchforth@zayo.com;
Utility.Circulations@zayo.com; Laurel Sharp <Laurel.Sharp@toronto.ca>; EMS Planning
<emsplanning@toronto.ca>; Daniel Gagliotti <Daniel.Gagliotti@toronto.ca>;
brett.moore@torontopolice.on.ca; Reg Ayre <Reg.Ayre@toronto.ca>; EnviroOnt@tc.gc.ca;
Thompson, Dan L. (MNRF) <Dan.L.Thompson@ontario.ca>; McAllister, Aurora (MECP)
<Aurora.McAllister@ontario.ca>; Barboza, Karla (MTCS) <Karla.Barboza@ontario.ca>; Minkin, Dan
(MTCS) <Dan.Minkin@ontario.ca>; Davor.Javorac@cn.ca; SecondaryLandUse@HydroOne.com
Cc: Devin Coone <Devin.Coone@toronto.ca>

Subject: City of Toronto Geomorphic Systems Master Plans - Newtonbrook and Blue Ridge Creeks
and German Mills Creek

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

Good morning,

Please see attached Notices of Study Commencement for two municipal class environmental assessment studies being carried out by the City of Toronto:

- Newtonbrook and Blue Ridge Creeks Geomorphic Systems Master Plan
- German Mills Geomorphic Systems Master Plan

If you have any questions or require further details, please let me know.

Tracy

Tracy Manolakakis (she/her)
Manager, Public Consultation Unit
Policy, Planning, Finance & Administration
City of Toronto

Tel: 416-392-2990

Email: tracy.manolakakis@toronto.ca



[illegible]

DESIGNER / CONTRACTOR : POWERLINE PLUS LTD.

Carol Lee

From: ONT Environment / Environnement ONT <EnviroOnt@tc.gc.ca>
Sent: October 3, 2022 11:48 AM
To: Tracy Manolakakis
Cc: Devin Coone
Subject: RE: City of Toronto Geomorphic Systems Master Plans - Newtonbrook and Blue Ridge Creeks and German Mills Creek

UNCLASSIFIED / NON CLASSIFIÉ

Greetings,

Thank you for your correspondence.

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

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

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

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

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

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

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

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

Please advise if additional information is needed.

Thank you,

Environmental Assessment Program, Ontario Region

Transport Canada / Government of Canada / 4900 Yonge St., Toronto, ON M2N 6A5

EnviroOnt@tc.gc.ca / Facsimile : (416) 952-0514 / TTY: 1-888-675-6863

Programme d'évaluation environnementale, Région de l'Ontario

Transports Canada / Gouvernement du Canada / 4900, rue Yonge, Toronto, ON, M2N 6A5

EnviroOnt@tc.gc.ca / télécopieur: (416) 952-0514

From: Tracy Manolakakis <Tracy.Manolakakis@toronto.ca>

Sent: Monday, October 03, 2022 11:07 AM

To: robert.greene@ontario.ca; karla.barboza@ontario.ca; dan.minkin@ontario.ca; stewart.Chisholm@ontario.ca; maya.harris@ontario.ca; steven.strong@ontario.ca; Beth.Williston@trca.ca; Sharon.Lingertat@trca.ca; 'chunmei.liu@ontario.ca' <Chunmei.Liu@Ontario.ca>; troy@beanfield.com; ken.elliott@bell.ca; Bell.MOC@Telecon.ca; tara.causton@bell.ca; anthony.pejovic@bell.ca; danselmi@clc.ca; proximity@cn.ca; UtilityCirculations@aptum.com; Brad.Swant@aptum.com; josie_tomei@cpr.ca; orest_rojik@cpr.ca; notifications@enbridge.com; ekriarakis@enwave.com; james.scharbach@enwave.com; Tyler.Wales@HydroOne.com; kirk.t.smoke@esso.ca; bmclean@metrofibrewerx.com; Paul.Collins@metrolinux.com; susan.rapin@opg.com; GT.moc@telecon.ca; Edgar.Henriquez@rci.rogers.com; John.Lionti@rci.rogers.com; GTA.Markups@rci.rogers.com; Ralph.vonEppinghoven@rci.rogers.com; bobbi.hunter@rci.rogers.com; john.lionti@rci.rogers.com; Info@sun-canadian.com; Anthony.Segreto@telus.com; telusutilitymarkups@telecon.ca; tpucc@teraspan.com; utility.circulations@torontohydro.com; vvolokitin@torontohydro.com; seedgar@tnpi.ca; landroweast@tnpi.ca; richard.ntoneepieing@videotron.com; david.pitchforth@zayo.com; Utility.Circulations@zayo.com; Laurel Sharp <Laurel.Sharp@toronto.ca>; EMS Planning <emsplanning@toronto.ca>; Daniel Gagliotti <Daniel.Gagliotti@toronto.ca>; brett.moore@torontopolice.on.ca; Reg Ayre <Reg.Ayre@toronto.ca>; ONT Environment / Environnement ONT <EnviroOnt@tc.gc.ca>; dan.l.thompson@ontario.ca; aurora.mcallister@ontario.ca; karla.barboza@ontario.ca; dan.minkin@ontario.ca; Davor.Javorac@cn.ca; SecondaryLandUse@HydroOne.com

Cc: Devin Coone <Devin.Coone@toronto.ca>

Subject: City of Toronto Geomorphic Systems Master Plans - Newtonbrook and Blue Ridge Creeks and German Mills Creek

Good morning,

Please see attached Notices of Study Commencement for two municipal class environmental assessment studies being carried out by the City of Toronto:

- Newtonbrook and Blue Ridge Creeks Geomorphic Systems Master Plan
- German Mills Geomorphic Systems Master Plan

If you have any questions or require further details, please let me know.

Tracy

Tracy Manolakakis (she/her)
Manager, Public Consultation Unit
Policy, Planning, Finance & Administration
City of Toronto

Tel: 416-392-2990

Email: tracy.manolakakis@toronto.ca



November 23, 2022

CFN 68045

BY E-MAIL ONLY (newtonbrook@toronto.ca)

Tracy Manolakakis
City of Toronto
Metro Hall, 19th Floor
55 John Street,
Toronto, ON, M5V 3C6

Dear Tracy Manolakakis,

**Re: Notice of Study Commencement
Newtonbrook & Blue Ridge Creek Geomorphic Systems Master Plan
Don River Watershed; North York Community Council Area; City of Toronto**

Toronto and Region Conservation Authority (TRCA) staff received the Notice of Study Commencement for the above noted Master Plan (MP), on October 3, 2022. As a recognized commenting agency under the Ontario Environmental Assessment Act, TRCA has interests in this project.

PROJECT OVERVIEW

It is TRCA staff's understanding that the City of Toronto is undertaking a Municipal Class Environmental Assessment (MCEA) to identify at-risk sewer and watermain infrastructure located within both Newtonbrook Creek and Blue Ridge Creek. Due to high flows from storms and snow melt runoff, significant erosion has taken place within the study area. To encompass how natural and human factors have shaped its form and function over time, 4 km of Newtonbrook Creek will be assessed which connects to the East Don River downstream. Additionally, 1 km of the Blue Ridge Creek is included in the study area which also connects with the East Don River upstream.

The study will focus on:

- Identifying sewers, watermains and outfalls located within the creek that are at risk from erosion caused by flows from storms and snow melt runoff
- Developing, evaluating and recommending solutions to reduce erosion impacts on the infrastructure, while improving aquatic and terrestrial habitats

The proposed study will be undertaken as a Master Plan under the Municipal Class Environmental Assessment Study process under the Ontario Environmental Assessment Act. Public and agency participation will be a key component of the study. Trail conditions or trail improvements, forestry or ravine amenities are not part of this study but may be undertaken by the City of Toronto in the future.

TRCA COMMENTING ROLES

As detailed in TRCA's 2014 [The Living City Policies](#) (LCP), TRCA has a number of commenting roles relative to its review of this environmental assessment, including:

1. Regulatory Authority
2. Delegated Provincial Interests
3. Public Commenting Body
4. Resources Management Agency
5. Service Provider
6. Land Owner
7. Source Protection Authority under the Clean Water Act

These are further detailed in **Appendix A: TRCA Commenting Roles**.

TRCA AREAS OF INTEREST

In relation to this application, TRCA staff has identified a number of areas of interest within the study area related to these various commenting roles, including:

1. TRCA Program and Policy Areas
 - a. Natural System Programs and Policies
 - b. Sustainability Programs and Policies
2. Provincial Program Areas
3. Federal Program Areas

Further details are provided in **Appendix B: TRCA Areas of Interest**.

In relation to these areas of interest, please be advised that TRCA has select digital data available through an open data platform on the [TRCA website](#) that should be used to supplement the existing conditions analysis in the development of the environmental assessment. Upon request, TRCA can provide additional data for areas of interest not available on the web. Please contact the undersigned as needed.

ASSESSMENT OF ALTERNATIVES

In developing, evaluating and selecting alternatives, staff require the LCP policies be considered. TRCA staff recommends the preferred alternative meets the policies of Section 7. In particular, impacts to and opportunities for the following should be addressed:

1. Flooding, erosion or slope instability
2. Existing landforms, features and functions
3. Aquatic and terrestrial habitat and functions, including connectivity
4. TRCA property and heritage resources
5. Environmental best management practices that support climate change mitigation and adaptation
6. Community and public realm benefits

TRCA requires that the preferred alternative considers avoiding, minimizing, mitigating, and compensating impacts to the ecosystem, and avoid, mitigate or remediate hazards, in that order. In order to fulfil requirements of Ontario Regulation 166/06 at the detailed design stage, staff also requires that the preferred alternative meets LCP policies in Section 8.

In order to ensure TRCA concerns are addressed early in the review process, it is recommended that the TRCA planner be contacted when key project milestones are reached, as detailed in **Appendix C: Recommended Contact Points**. Prior to selecting any preferred alternative solutions and design, please arrange a meeting to discuss issues that relate to our program and policy concerns. Please also contact the planner to discuss the appropriate time for a site visit; please ensure the TRCA planner is included in the technical advisory committee; and please add Johanna Kyte, Government and Community Relations Specialist to the project mailing list to receive any public information updates.

SUBMISSION REQUIREMENTS

As this project proceeds through the various stages of the Master Plan process, please ensure the following is provided to TRCA for review and comment as the appropriate time:

Digital Submissions

1. All technical advisory committee meeting agendas, as well as draft and final meeting minutes
2. All TRCA technical meeting agendas, as well as draft and final meeting minutes
3. Draft public information boards, prior to public review
4. Notices of public meetings, including final display material and handouts
5. Draft Phase 1 and 2 Report, if applicable
6. Draft technical reports and associated materials, including a covering letter that outlines the project purpose and lists the reports enclosed for review
7. Draft evaluation criteria and matrices, including a summary that details how the criteria and weighting (if applicable) were established
8. Draft MP document, including a covering letter that outlines how previous TRCA comments have been addressed
9. Final MP document, including a covering letter that outlines how previous TRCA comments have been addressed
10. Ensure all materials are submitted in PDF format, with drawings pre-scaled to print on 11"x17" pages.
11. Materials submitted through e-mail must be less than 5 MB.
12. Materials submitted through a file transfer protocol (FTP) site must be posted a minimum of two weeks.

Please note, prior to submitting the technical reports and materials, as well as appendices related to the draft and final EA documents, it is recommended that the project manager be contacted so that review requirements can be scoped to the TRCA areas of interest.

REVIEW FEES

Please be advised that this application is subject to a \$19,465.00 (Master Plan, Standard) application review fee as per our [***Fee Schedule***](#). Please note:

1. **To ensure accurate processing of your fee, please ensure your accounting department references CFN 68045 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 two (2) 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 Oxana Stanislavskaya - Accounting Clerk, Finance Corporate Services, TRCA.
 - b. Credit Card: please contact Oxana Stanislavskaya at (437)-880-2342 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 (413)-880-2392 or at Justin.LeePack@trca.ca.

Regards,



Justin Lee Pack
Planner, Infrastructure Planning and Permits
Development and Engineering Services

/JLP

Attached: Appendix A: TRCA Commenting Roles
 Appendix B: TRCA Areas of Interest
 Appendix C: Recommended TRCA Contact Points

BY E-MAIL

cc: TRCA: Beth Williston, Associate Director, Infrastructure Planning and Permits
 Sharon Lingertat, Senior Manager, Infrastructure Planning and Permits
 Zack Carlan, Senior Planner, Infrastructure Planning and Permits
 Johanna Kyte, Government and Community Relations Specialist
 Don Ford, Senior Manager, Hydrogeology and Source Water Protection
 Ashour Rehana, Manager, Erosion Risk Management
 Edlyn Wong, Senior Property Agent, Property Management

APPENDIX A: TRCA COMMENTING ROLES

TRCA COMMENTING ROLES	
Public Commenting Body	
Environmental Assessment Act	Pursuant to the federal and provincial Environmental Assessment (EA) Acts , conservation authorities are a commenting body. Conservation authorities are also responsible for comments made under environmental assessment (EA) exemption regulations, and the Ontario and National Energy boards. TRCA reviews and comments on environmental assessment that occur within TRCA's jurisdiction under these various forms of legislation.
Delegated Provincial Interests	
Hazard Lands	As outlined in the Conservation Ontario/ Ministry of Natural Resources and Forestry/ Ministry of Municipal Affairs and Housing Memorandum of Understanding on CA Delegated Responsibilities, CAs have been delegated the responsibility of representing the provincial interest on natural hazards encompassed by Section 3.1 of the PPS 2020.
Conservation Authorities Act	
Regulatory Authority	
Ontario Regulation 166/06, Development, Interference with Wetlands and Alterations to Shorelines and Watercourses	<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	
TRCA Programs	In accordance with Section 20 and 21 of the Conservation Authorities Act , CAs are local watershed-based natural resource management agencies that develop programs that reflect local resource management needs within their jurisdiction. TRCA has developed programs and policies related to our role as a resource management agency that include, but are not limited to, watershed plans, fisheries management plans, land management plans, ecosystem restoration programs, and The Living City Policy (2014), which are approved by the TRCA Board.

	Please confirm that the preferred alternative design for this project addresses TRCA concerns related to its program areas. These will be further defined through the EA review process.
Landowner	
TRCA Property	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.
Acquisition and Easement	<p>If TRCA property land transfer or easement is required for the implementation of the preferred alternative, permission and approval from TRCA and the Minister of Natural Resources and Forestry are 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 Edlyn Wong, Senior Property Agent/Property Agent at Edlyn.Wong@trca.ca for additional information.</p>
Permission to Enter	<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 Stella Ku, Property Coordinator at Stella.Ku@trca.ca for additional information.</p>
Archaeological Resources	<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 alistair.jolly@trca.ca for additional information.</p>
Service Provider	
Service Level Agreements and Memorandum of Understandings	<p>Service Level Agreements: TRCA has service level agreements to provide EA Review services to various partners within specific service delivery timelines. Fees are charged as per agreement stipulations; review fees are not charged for individual files.</p> <p>Memorandum of Understandings: The provision of planning advisory services to municipalities is implemented through a Memorandum of Understandings (MOU) with participating municipalities or as part of a CA's approved program activity. In this respect, the CA is essentially acting as a technical advisor to municipalities. The agreements cover the CA's areas of technical expertise such as water management, natural hazards, and natural heritage.</p>
Restoration Opportunities	TRCA requires that the preferred alternative considers avoiding, minimizing, mitigating, and compensating impacts to ecosystems in that order. In areas where impacts are unavoidable, mitigation or compensation will be required. It is

	<p>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>
Community and Public Realm Benefits	<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 2013-2022 TRCA Strategic Plan (updated), TRCA has identified the need to achieve measurable positive impacts on the health of our watersheds and has developed a number of programs that actively engage with local communities to support a green, local economy. These programs include but are not limited to, Sustainable Neighbourhood Retrofit Action Plans, TRCA Conservation Land Care Program, TRCA Community Transformation Program and Partners in Project Green.</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

TRCA PROGRAM AND POLICY AREAS	
<i>Note: Additional program and policy information may be available at www.trca.ca, or by request.</i>	
Natural System Programs and Policies	
Systems Approach	<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>
Aquatic Systems, Species and Habitat	<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>
Terrestrial System, Species and Habitat	<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 Terrestrial Natural Heritage System Strategy sets measurable targets for attaining a healthier natural system by creating an expanded and targeted land base. It includes strategic directions for stewardship and securement of the land base, a land use policy framework to help achieve the target system, and other implementation mechanisms.</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>
Environmentally Significant Areas	Environmentally Significant Areas have been identified by TRCA based on a set of ecological criteria regarding the function, significance and rarity of the features

	or species found in the area. These areas should be identified in the assessment of the terrestrial species and habitat, as noted above.
Groundwater Systems	
Aquifers and Hydrogeological Features and Functions	<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>
Surface Water Systems	
Watercourses	<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>
Meander Belt	<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>
Regulatory Flood Plain	<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>
Wetlands	<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</p>

	<p>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>
Storm Water Management, including Green Infrastructure	<p>Stormwater management is integral to the health of streams, rivers, lakes, fisheries and terrestrial habitats, and source water protection is integral for managing the quality and quantity of drinking water at its source.</p> <p>TRCA requires all development, infrastructure and site alteration meet the criteria in the TRCA 2012 Stormwater Management Criteria document for water quantity, water quality, erosion control, discharge water temperature, and water balance for groundwater recharge and natural features.</p> <p>Green Infrastructure techniques, including Low Impact Development (LID) measures should be used to address issues related to stormwater management, as well as maximize ecosystem services and mitigate the impacts of urbanization and climate change.</p> <p>For further information, please refer to the TRCA Introduction to Green Infrastructure, the Sustainable Technologies Evaluation Program (STEP) – Urban Runoff Green Infrastructure and the STEP 2010 Low Impact Development Stormwater Management Planning and Design Guide.</p>
Flood or Erosion Control Structures	<p>There is an existing flood or erosion control structure (e.g., dam, weir, berm, channel) located in the project vicinity that must be considered as the project proceeds. A meeting with TRCA should be arranged as early as possible.</p>
Valley Slopes	
Crest of Slope	<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>
Sustainability Programs and Policies	
Climate Change	<p>In October 2017, MECP released a guideline under the Ontario environmental assessment legislation directing that all projects going through the EA process, including IEAs, Class EAs, and those governed by EA regulations, must consider impacts to and opportunities for climate change mitigation and adaptation, and consider the vulnerability of projects to climate change. It was further recommended that applicable policies in the 2020 Provincial Policy Statement be addressed, including but not limited to encouraging green infrastructure and strengthening stormwater management requirements; requiring consideration</p>

	<p>of energy conservation and efficiency, reduced greenhouse gas emissions and climate change adaptation (e.g. tree cover); and consideration of the potential impacts of climate change that may increase the risk associated with natural hazards (e.g. flooding due to severe weather).</p> <p>The climate change section of the EA should include recommendations for Green Infrastructure, Sustainable Energy, Sustainable Buildings and Sustainable Construction Practices, as further described below. It is recommended that a completed Sustainable Technologies for Green Building, Green Infrastructure, and Sustainable Energy Design in Evaluation Matrix be included in the EA document.</p>
Sustainable Infrastructure & Buildings	<p>The sustainability of infrastructure and buildings determined through a variety of factors through planning, design, construction, operation, maintenance and decommissioning. Sustainability factors include the efficiency environmental impact of project inputs through all phases, including energy, water and natural resources/materials.</p> <p>The type and amount of energy used in construction and operation is one of the most significant factors affecting climate change, the ecological footprint of our communities, and ultimately our ability to create sustainable communities. As supported by the LCP, TRCA advocates that proponents consider the use of appropriate sustainable energy networking (e.g., community energy project), technologies (e.g., solar lights, etc.) and practices (e.g., selection of materials, transportation of materials, energy efficiency, passive solar energy) in their projects.</p> <p>Various sustainability best management practices include sustainable procurement, reusing resources, using recyclable/recycled resources, protecting natural systems, eliminating toxics, applying life-cycle costing and ensuring a high quality of construction. If designed appropriately, sustainable infrastructure or buildings generally cost less to operate, are more resilient and adaptable as compared to standard designs and are an aesthetic and environmental benefit to the community.</p> <p>TRCA recommends that a commitment to sustainable infrastructure or buildings through all project phases be made in the EA document. Please consider using a rating system such as Envision or LEED to guide the EA and detailed design.</p>
Sustainable Communities	<p>The TRCA Living City vision is based on a foundation that includes Sustainable Communities. Planning for community sustainability requires the identification of the complex and inter-related social, economic and ecological systems involved; TRCA supports a systems approach to developing integrative and adaptive solutions to improve community sustainability. Key socio-economic systems include: transportation facilities (including trails, sidewalks & multi-use pathways), community greenspaces (including parks), urban forests, cultural</p>

	heritage resources, and the local economy. For transportation projects, a context sensitive design/solutions framework are encouraged.
Archaeological and Heritage Resources	TRCA watershed strategies include recommendations for the management of archaeological and heritage resources in accordance with Ministry of Culture and Municipal standards. The project should aim to preserve, protect and celebrate archaeological and heritage resources where possible.
PROVINCIAL PROGRAM AREAS	
Greenbelt Plan	<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 Greenbelt Plan identifies limits to urbanization to provide permanent protection to the agricultural land base and the ecological features and functions occurring within this landscape. Contact the Ministry of Municipal Affairs and Housing for more details.</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 Greenbelt Plan.</p>
Credit Valley - Toronto & Region - Central Lake Ontario (CTC) Source Protection Plan	<p>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.</p> <p>Please be advised that the subject property appears to fall within the Intake Protection Zone (IPZ) and Highly Vulnerable Aquifers (HVA) as described in the Toronto and Region Source Protection Authority (TRSPA) Assessment Report. Please confirm that actions undertaken for this project conform with the policies contained within the Credit Valley - Toronto and Region - Central Lake Ontario Source Protection Plan (CTC SPP). Please note that vulnerable areas identified under the Clean Water Act are documented in the Ontario Source Protection Information Atlas.</p> <p>For additional support, please consult the Regional Risk Management Office/Official as copied on this letter.</p> <p>Please note that in accordance with Ontario Regulation 166/06, permits from TRCA may be required for mitigation solutions that are designed to ensure conformity with the CTC SPP.</p>
PROVINCIAL PROGRAM AREAS	
<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"> • Areas of Natural and Scientific Interest (ANSI) • Provincially Significant Wetlands (PSW) • Provincially Endangered Species under the Species at Risk Act (SARA) 	

Please be advised that this list is not inclusive and the onus is on the proponent and its consultants to consult with other provincial agencies, as required, to ensure that requirements of their respective legislation is met.

FEDERAL PROGRAM AREAS

Please contact the relevant federal agency to confirm if there are issues related to:

- Asian Long-horned Beetle Regulated Area
- Federally Endangered Species under the **Endangered Species Act** (ESA)
- The **Fisheries Act**

Please be advised that this list is not inclusive and the onus is on the proponent and its consultants to consult with other provincial agencies, as required, to ensure that requirements of their respective legislation is met.

The flowchart illustrates the EIA process, organized into five main phases:

- Pre-Consultation:**
 - Host TRCA of project initiation via phone call, email or letter.
 - Meet with TRCA & submit draft Requests for Proposals.
 - Issue Request for Proposals.
 - Host submit a pre-TRCA meeting Request TRCA presence if.
 - Hire consultant.
- Phase 1:**
 - Submit Notice of Comprehensive Initiation.
 - Identify problem or opportunity.
 - Meet with TRCA.
 - Submit Notice of Public Information Centre (PIC) Public Consultation.
 - Host PIC/POC.
 - Select preferred solution & confirm schedule.
- Phase 2:**
 - Identify alternative solutions.
 - Evaluate alternative solutions & select preliminary preferred solution.
 - Submit draft Phase 1 & 2 Report & existing consultation reports.
 - Meet with TRCA.
 - Submit Notice of POC/POC.
 - Host PIC/POC.
 - Submit draft Project file.
 - Submit Notice of Completion & Issue Project file.
- Phase 3:**
 - Identify alternative design concepts for preferred solution.
 - Evaluate preliminary alternative design concepts & select preliminary preferred design.
 - Submit Phase 3 Report & Technical Appendices.
 - Site visit with TRCA.
 - Submit Notice of PIC/POC.
 - Host PIC/POC.
 - Select preferred design.
- Phase 4:**
 - Submit draft Environmental Study Report (ESR) & Technical Appendices.
 - Meet with TRCA if required.
 - Submit Notice of Completion of final ESR & final EIA Report.
- Phase 5:**
 - Obtain regulatory approvals, tender, construct, & monitor.

Decision Points and Feedback Loops:

- A/A+:** Decision point after Phase 1, leading to Phase 2.
- B:** Decision point after Phase 2, leading to Phase 3.
- C:** Decision point after Phase 1, leading to Phase 2.
- Feedback Loops:** Arrows indicate feedback from various stages back to the TRCA for consultation or revision.

Legend:

- Event Progression:** Solid blue arrow.
- Decision Path:** Dashed blue arrow.
- Recommended Contact with TRCA:** Yellow box.