

**Ministry of Citizenship
and Multiculturalism**

**Ministère des Affaires civiques
et du Multiculturalisme**



Heritage Planning Unit
Heritage Branch
Citizenship, Inclusion and
Heritage Division
5th Flr, 400 University Ave
Tel.: 416.660.1027

Unité de la planification relative au
patrimoine
Direction du patrimoine
Division des affaires civiques, de
l'inclusion et du patrimoine
Tél.: 416.660.1027

December 12, 2022

EMAIL ONLY

David Brutto
Senior Project Manager, Stations and Strategic Initiatives,
Transit Expansion Division
City of Toronto
david.brutto@toronto.ca

MCM File # : 0018367
Proponent : City of Toronto
Project : Eglinton East Light Rapid Transit (EELRT)
Location : City of Toronto

Dear David Brutto:

Thank you for contacting the Ministry of Citizenship and Multiculturalism (MCM) about the above-referenced project, which is following the Transit Project Assessment Process (TPAP) as defined in Ontario Regulation 231/08 under the *Environmental Assessment Act*. O. Reg 231/08 identifies the MCM interest in cultural heritage resources. Cultural heritage resources include:

- Archaeological resources, including land and marine;
- Built heritage resources, including bridges and monuments; and,
- Cultural heritage landscapes

Under the TPAP, the proponent is required to consider whether its proposed transit project could have potential negative impact on the environment. Under the process an objection can be submitted to the Ministry of the Environment, Conservation and Parks (MECP) about a matter of provincial importance that relates to the natural environment or has cultural heritage value or interest.¹ The MECP expects a transit project proponent to make reasonable efforts to avoid, prevent, mitigate or protect matters of provincial importance.

The MECP's [Guide to Environmental Assessment Requirements for Transit Projects \(Transit Guide\)](#) provides guidance to proponents on how to meet the requirements of O.Reg 231/08. The Transit Guide encourages proponents to obtain information and input from appropriate government agency technical representatives before starting the TPAP to assist in meeting the timelines specified in the regulation, including the submission of a draft Environmental Project Report (EPR) for review and comment prior to issuing a Notice of Commencement.

Among the pre-planning activities outlined in Section 4.1 of the Transit Guide, a proponent is advised to conduct studies to:

- identify existing baseline environmental conditions;

¹ The MECP's *Guide to Environmental Assessment Requirements for Transit Projects* states that "when dealing with any property of cultural heritage value or interest, "provincial importance" is not restricted to property meeting the criteria as set out under the *Ontario Heritage Act* in *Ontario Regulation 10/06*, Criteria for Determining Cultural Heritage Value or Interest of Provincial Significance." Consideration of provincial importance includes properties that meet the criteria set out in O. Reg 9/06.

- identify project-specific location or alignment (including construction staging, land requirements); and,
- identify expected environmental impacts and proposed measures to mitigate potential negative impacts.

This letter provides advice on how to incorporate consideration of cultural heritage in the above mentioned pre-planning activities, and also expands on section 3.4 of the Transit Guide by outlining the technical studies and level of detail required to address the cultural heritage component for transit projects that are covered by O.Reg 231/08. The outcomes and recommendations of the studies will be reported in the draft EPR and form the basis for any future commitments outlined in the EPR.

Please note that if the subject lands or part of the subject lands are owned or controlled by an Ontario government ministry or prescribed public body (PPB) on behalf of the Crown (the list of PPBs is available as Ontario Regulation 157/10), a ministry or PPB may have responsibilities under the [Standards and Guidelines for Conservation of Provincial Heritage Properties](#) (S&G).

Project Summary

The Eglinton East Light Rail Transit (EELRT), the future Line 7, is a proposed 18 kilometre LRT in Scarborough extending from Kennedy Station (on Line 2 and Line 5) to Malvern Town Centre via the University of Toronto Scarborough Campus (UTSC) with connection at the future station of the provincial Scarborough Subway Extension (SSE) at Sheppard Avenue and McCowan Road.

Identifying Cultural Heritage Resources

While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation.

Indigenous communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Indigenous communities includes a discussion about known or potential cultural heritage resources that are of value to them.

Municipal Heritage Committees, historical societies and other local heritage organizations may also have knowledge that contributes to the identification of cultural heritage resources.

Archaeological Resources (Land and Marine, if applicable)

MCM recommends that, as a best practice, a combined Stage 1-2 archaeological assessment (AA) be completed for the entire study area during the pre-planning phase.

At a minimum, a Stage 1 AA will be undertaken for the entire study area during the pre-planning phase. The results of the Stage 1 AA will inform the TPAP and will be summarized in the draft EPR. If the Stage 1 AA recommends further AA(s), then MCM recommends that further stages of AA be completed as early as possible during the planning or design phase of the project, and prior to the completion of detailed design.

Archaeological assessments are required to be undertaken by an archaeologist licenced under the *Ontario Heritage Act*, who is responsible for submitting the report directly to MCM for review.

The EPR must include specific information from the AA report(s). The Executive Summary of each AA report provides a brief summary of the work completed and the recommendations for next steps, whether for further archaeological assessment, in which case the report will include a map that identifies those areas, or for no further assessment. The EPR must also include clear commitments to undertake the recommended AA and a timeline for their completion.

Built Heritage Resources and Cultural Heritage Landscapes

A Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment will be undertaken for the entire study area during the pre-planning phase to inform the TPAP. This study will:

1. Identify existing baseline cultural heritage conditions within the study area. The consultants preparing the Cultural Heritage Report will need to define a study area and explain their rationale. MCM recommends that the study area for the report include, at minimum, the project footprint and

adjacent properties. Alternatively, the study area may include the project footprint and a study zone that is located immediately beside the footprint and extends a certain distance. The report will include a historical summary of the development of the study area and will identify all known or potential built heritage resources and cultural heritage landscapes in the study area. MCM has developed screening criteria that may assist with this exercise: [Criteria for Evaluating for Potential Built Heritage Resources and Cultural Heritage Landscapes](#).

2. Identify preliminary potential project-specific impacts on the known and potential built heritage resources and cultural heritage landscapes that have been identified. The report should include a description of the anticipated impact to each known or potential built heritage resource or cultural heritage landscape that has been identified.
3. Propose and recommend measures to avoid or mitigate potential negative impacts to known or potential built heritage resources and cultural heritage landscapes. The proposed mitigation measures are to inform the next steps of project planning and design.

Where a known or potential built heritage resource or cultural heritage landscape may be directly and adversely impacted², and where it has not yet been evaluated for Cultural Heritage Value or Interest (CHVI), completion of a Cultural Heritage Evaluation Report (CHER) is required to fully understand its CHVI and level of significance. The CHER must be completed within the TPAP. If a built heritage resource or cultural heritage landscape is found to be of CHVI, then a Heritage Impact Assessment (HIA) will be undertaken by a qualified person. The HIA will be completed in consultation with MCM and the proponent as early as possible during detail design, following the TPAP.

While some cultural heritage landscapes are contained within individual property boundaries, others span across multiple properties. For certain cultural heritage landscapes, it will be more appropriate for the CHER and HIA to include multiple properties, in order to reflect the extent of that cultural heritage landscape in its entirety.

More detailed advice on how to document some of the information above is attached to this letter.

Technical cultural heritage studies will be undertaken by a qualified person who has expertise, recent experience, and knowledge relevant to the type of cultural heritage resources being considered and the nature of the activity being proposed.

The findings of the above-mentioned studies should be summarized as part of the EPR discussion of existing conditions, impact assessment, mitigation, and future commitments. Commitments for further studies should clearly state what is to be done, who is responsible for implementation, and when.

(Draft) Environmental Project Report

The draft EPR should be shared with MCM before the Notice of Commencement of the TPAP process, so that the ministry may review and provide input. We also included the advice in this letter in the Comment Tracker.

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

² A direct adverse impact would have a permanent and irreversible negative effect on the cultural heritage value or interest of a property or result in the loss of a heritage attribute on all or part of the property. Examples include, but are not limited to: removal or demolition of a heritage attribute, land disturbance, alterations that are not sympathetic to the CHVI of the property, introduction of new elements that diminish the integrity of the property, changing the character of the property, intensification of the property without conservation of heritage attributes.

- Karla Barboza, Team Lead - Heritage | Heritage Planning Unit (Citizenship and Multiculturalism) | 416-660-1027 | karla.barboza@ontario.ca
- Dan Minkin, Heritage Planner | Heritage Planning Unit (Citizenship and Multiculturalism) | 416-786-7553 | dan.minkin@ontario.ca

Thank you for consulting MCM on this project and please continue to do so throughout the TPAP process. If you have any questions, require clarification, or would like additional examples to assist with project reporting, do not hesitate to contact me.

Sincerely,

Karla Barboza, MCIP, RPP, CAHP
Team Lead – Heritage
karla.barboza@ontario.ca
Heritage Planning Unit

Copied to: Edna Cuvin, Program Director, Transit Expansion Division, City of Toronto
Cindy Batista, Special Project Officer, Environmental Assessment Branch, MECP
Solange Desautels, Supervisor, Environmental Assessment Branch, MECP
Dan Minkin, Heritage Planner, Heritage Planning Unit, MCM

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

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

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

Nahed, Karim

From: Lindsay Graves <lgraves@asiheritage.ca>
Sent: Friday, May 5, 2023 4:28 PM
To: Barboza, Karla (MTCS)
Cc: Anhara, Mahia; Shaw, Nick; Gan, Tyrone; Kirstyn Allam; Nahed, Karim; Registrar (MCM); Minkin, Dan (MHSTCI)
Subject: RE: MCM Response: Eglinton East Light Rail Transit TPAP - Initiating CH Reporting

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Karla,

Thank you for your response. We were proposing a 25 metre buffer from the proposed alignment, which is for the most part in the existing ROW. After reviewing the study area further and to ensure that we capture all adjacent properties adequately, we will expand to 50 m from the proposed alignment and 50 m buffer around any specific project components, such as the proposed maintenance storage facility site. Our rationale as to why this is appropriate is as follows (and will be included in the reporting):

This study area been defined as inclusive of those lands that may contain built heritage resources or cultural heritage landscapes that may be subject to direct or indirect impacts as a result of the proposed undertaking. All adjacent properties to the project will be captured in the assessment and potential direct and indirect impacts sufficiently addressed. This study area is considered appropriate for the urban environment that the project alignment passes through, and given the proposed infrastructure improvements will be largely contained within the existing right-of-way.

Thanks – and have a great weekend!

Lindsay

From: Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>

Sent: Wednesday, May 3, 2023 9:01 AM

To: Lindsay Graves <lgraves@asiheritage.ca>

Cc: Anhara, Mahia <Mahia.Anhara@hdrinc.com>; Shaw, Nick <Nick.Shaw@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; Kirstyn Allam <kallam@asiheritage.ca>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Registrar (MCM) <Registrar@ontario.ca>; Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>

Subject: MCM Response: Eglinton East Light Rail Transit TPAP - Initiating CH Reporting

MCM File 0018367 - Eglinton East Light Rail Transit (EELRT)

Hi Lindsay (et al.),

Please accept my apologies for this late response.

As you may know, the Ministry developed screening checklists to assist property owners, developers, consultants and others to identify known and potential cultural heritage resources:

- [Criteria for Evaluating Archaeological Potential](#)
- [Criteria for Evaluating Marine Archaeological Potential](#)
- [Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes](#)

I have used the document above (Built Heritage and Cultural Heritage Landscapes) in order to respond to your question:

- Question 3a. i. Is the property (or project area) identified, designated or otherwise protected under the Ontario Heritage Act as being of cultural heritage value e.g. a property that is designated by order of the Minister of Citizenship and Multiculturalism as being of cultural heritage value or interest of provincial significance [s.34.5]?
MCM Response: To date, no properties have been designated by the Minister.

- Question 3a.v. Is the property (or project area) identified, designated or otherwise protected under the Ontario Heritage Act as being of cultural heritage value included in the Ministry of Citizenship and Multiculturalism's list of provincial heritage properties?
MCM Response: Based on the attached Figure 1, we understand that the study area will be along Eglinton Ave East, Kingston Road, Morningside Ave, UofT Scarborough Campus, Sheppard Avenue East. At this time, we are not aware of any provincial heritage properties within or adjacent to the study area.

Please note that if the subject lands or parts of the subject lands are owned or controlled by an Ontario Ministry or Prescribed Public Body (PPB) on behalf of the Crown (the list of PPBs is available as O. Reg. 157/10), a Ministry or PPB may have responsibilities under the [Standards and Guidelines for Conservation of Provincial Heritage Properties](#).

We usually advise that the consultants preparing the Cultural Heritage Report will need to define a study area and explain their rationale. MCM recommends that the study area for the report include, at minimum, the project footprint and adjacent properties. Alternatively, the study area may include the project footprint and a study zone that is located immediately beside the footprint and extends a certain distance. We also included the MTO's approach to their project study area in our examples document. It is not clear whether the proposed approach of using the project alignment and applying a 25 m buffer to either side would also include the existing right-of-way plus 25m buffer. You may also want to look into previous Cultural Heritage Reports prepared for TPAPs, e.g., Stage 2 iON LRT, City of London BRT, [Dundas BRT Mississauga East](#) (ROW plus 50m to either side). Please include the rationale of the proposed approach.

MCM would appreciate if the Cultural Heritage Report be sent for our review and comment prior to the issuance of any notice of commencement.

I hope this helps. Let me know if you have any questions.

Regards,
Karla

Karla Barboza, RPP, MCIP, CAHP

Team Lead, Heritage | Heritage Planning Unit | Ministry of Citizenship and Multiculturalism | 416-660-1027 | karla.barboza@ontario.ca

From: Lindsay Graves <lgraves@asiheritage.ca>

Sent: April-26-23 11:57 AM

To: Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>

Cc: Anhara, Mahia <Mahia.Anhara@hdrinc.com>; Shaw, Nick <Nick.Shaw@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; Kirstyn Allam <kallam@asiheritage.ca>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Registrar (MCM) <Registrar@ontario.ca>; Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>

Subject: RE: Eglinton East Light Rail Transit TPAP - Initiating CH Reporting

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

Good morning Karla,

Kindly following up on our email below. If possible, can we hear back from you regarding the 25 m buffer, this week?

Regards,
Lindsay

From: Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>

Sent: Tuesday, April 4, 2023 4:43 PM

To: Lindsay Graves <lgraves@asiheritage.ca>

Cc: Anhara, Mahia <Mahia.Anhara@hdrinc.com>; Shaw, Nick <Nick.Shaw@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; Kirstyn Allam <kallam@asiheritage.ca>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Registrar (MCM) <Registrar@ontario.ca>; Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>

Subject: RE: Eglinton East Light Rail Transit TPAP - Initiating CH Reporting

Hi Lindsay,

Just to acknowledge receipt of your email and we will aim to provide a response by end of next week – by April 21.

Kind regards,
Karla

Karla Barboza, RPP, MCIP, CAHP

Team Lead, Heritage | Heritage Planning Unit | Ministry of Citizenship and Multiculturalism | 416-660-1027 | karla.barboza@ontario.ca

From: Lindsay Graves <lgraves@asiheritage.ca>

Sent: April-04-23 4:16 PM

To: Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>

Cc: Anhara, Mahia <Mahia.Anhara@hdrinc.com>; Shaw, Nick <Nick.Shaw@hdrinc.com>; Gan, Tyrone

<tyrone.gan@hdrinc.com>; Kirstyn Allam <kallam@asiheritage.ca>; Nahed, Karim <Karim.Nahed@hdrinc.com>

Subject: Eglinton East Light Rail Transit TPAP - Initiating CH Reporting

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Hi Karla,

ASI has been retained by HDR to complete a Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment for the Eglinton East LRT TPAP. Our assessment will comply with the MCM Guidance Doc on completing TPAPs.

We have defined our study area by using the project alignment and applying a 25 m buffer to either side, which will effectively pick up all adjacent properties that may be directly or indirectly impacted. Please see attached for the study area as well as a detailed map sample showing what our study area will capture. We also wanted to note that should any project components be identified later in the pre-planning phase, that are outside of the initial CH study area, we will be able to expand our study area to include those additional properties plus a 25 m buffer.

Please confirm our approach to defining the study area, **within the next week if possible**. We would like to firm this up before proceeding any further.

In addition, can the Ministry please identify any properties of provincial heritage significance in the study area?

Best regards,

Lindsay Graves, MA (CAHP)

Senior Cultural Heritage Specialist | Assistant Manager • Cultural Heritage Division



ASI • Providing Archaeological & Cultural Heritage Services

LGraves@asiheritage.ca • 416 966 1069 x299 • Fax: 416 966 9723

200-2321 Fairview Street, Burlington, Ontario, L7R 2E3

Nahed, Karim

From: Nahed, Karim
Sent: Wednesday, July 31, 2024 4:36 PM
To: Nahed, Karim
Subject: RE: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) #3

From: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>
Sent: July 14, 2023 4:55 PM
To: Adam Saddo <Adam.Saddo@toronto.ca>; Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>
Cc: Hatcher, Laura (MCM) <Laura.E.Hatcher@ontario.ca>; Hamilton, James (MCM) <James.Hamilton@ontario.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; David Brutto <David.Brutto@toronto.ca>
Subject: [External Sender] RE: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) #3

Hi Adam,

As the material presented at TAC #3 (as with TAC #2) dealt exclusively with the physical configuration of the proposed undertaking, we have no new comments, and cannot comment further on the project until we receive the draft cultural heritage technical studies (see our comments from April 6, reflected in the tracking table you sent us). Are there any updates as to their status?

Apologies if that was not previously clear, and thank you for following up.

Dan Minkin | Heritage Planner
Ministry of Citizenship and Multiculturalism
Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit
T. 416. 786.7553 | Email: dan.minkin@ontario.ca

Effective October 17, 2022, units responsible for cultural heritage matters have been transferred from the Ministry of Tourism, Culture and Sport (MTCS) to the Ministry of Citizenship and Multiculturalism (MCM). Responsibility for the Ontario Heritage Act and associated Provincial functions is now held by MCM. Individual staff roles and contact information remain unchanged.

From: Adam Saddo <Adam.Saddo@toronto.ca>
Sent: July 14, 2023 4:46 PM
To: Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>
Cc: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>; Hatcher, Laura (MCM) <Laura.E.Hatcher@ontario.ca>; Hamilton, James (MCM) <James.Hamilton@ontario.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; David Brutto <David.Brutto@toronto.ca>
Subject: RE: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) #3

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

Hi Karla,

This is a follow-up email noting that we did not receive comments on the Eglinton East LRT Technical Advisory Committee meeting #3 presentation from MCM.

The comment log including the status of all comments received to date is attached for your records.

We look forward to further coordination with MCM as the project proceeds.

Regards,
Adam Saddo



-----Original Appointment-----

From: Adam Saddo

Sent: March 30, 2023 5:27 PM

To: Adam Saddo; 'Anhara, Mahia'; 'Yan.He@ttc.ca'; 'Robert.Moffat@ttc.ca'; 'Dominic.Ho@ttc.ca'; 'Margie Akins'; 'Caroline Mugo'; 'Mark.Rapus@trca.ca'; 'Corey.Wells@trca.ca'; 'Jenny Matharu'; 'Meghan Meyer'; 'Arad.Mohaghegh@metrolinx.com'; 'Paul.DeSousa@metrolinx.com'; 'Lindsay.Lashley@metrolinx.com'; 'Michael.DiGirolamo@metrolinx.com'; 'Raewyn.Jackson@metrolinx.com'; 'Rob.Dolezel@metrolinx.com'; 'Melody.Xu@metrolinx.com'; 'Natasha.Laing@metrolinx.com'; 'Margaret.Tyszka@metrolinx.com'; 'Joseph.Ehrlich@metrolinx.com'; 'adelia.yamasaki@metrolinx.com'; 'Kristin.Olson@metrolinx.com'; 'Shelley.Persaud@metrolinx.com'; 'Tony To'; 'Joshua.Paltoo@metrolinx.com'; 'meaghan.mendonca@metrolinx.com'; 'nadine.navarro@metrolinx.com'; 'Chan, Stanley (MTO)'; 'Sit, Michael (MTO)'; 'Ng, Raymond (MTO)'; 'White, Jason (MTO)'; 'Christian.Singh@ontario.ca'; 'Ouellet, Jean-Francois (IO)'; 'Moon, Nimish (IO)'; 'solange.desautels@ontario.ca'; 'cindy.batista@ontario.ca'; 'Anne.Cameron@ontario.ca'; 'wesley.plant@canada.ca'; 'anjala.puvananathan@canada.ca'; 'Raul.Santos@bell.ca'; 'mahmoud.derakhshan@bell.ca'; 'lise.chabot@ontario.ca'; 'kate.manson-smith@ontario.ca'; 'Barboza, Karla (MTCS)'; 'Minkin, Dan (MHSTCI)'; 'Laura.E.Hatcher@ontario.ca'; 'trevor.griffin@ontario.ca'; 'Dan.L.Thompson@ontario.ca'; 'Kate.Gee@ontario.ca'; 'andrea.pastori@ontario.ca'; 'Daniel Petrozziello'; 'Mohamad Hamdan'; 'Kourosh Khosropanah'; Richard Borbridge; Antonella Nicaso; Junaid Farooq; Justin Keke; Faisal Khan; Jackie Tam; Jacqueline Darwood; Kevin Tavares; Ana Maria Medina; Hyejin Jung; Matthew Davis; Michael Robinson (TRA); Owen McGaughey; Katie Wittmann; Emily Chang; Murad Khan; Andres Jarrin; Daphne Wee; Mark Berkovitz; Zachary Brown; Dan McGhee; John Lam; Clement Shim; Saeid Behnia; Marco Bertoia; Alissa Park; Monirul Islam; Lawrence Shintani; Fatima Movahedinia; James Perttula; Stella Gustavson; Monika Nasterska; Riad Rahman; Michael Hain; Paul Zuliani; Christian Ventresca; Samuel Baron; Renrick Ashby; Jeffery Sinclair; Thomas Schwerdtfeger; Hans Riekko; Renita D'Souza; Emilia Floro; Kristina Reinders; Xue Pei; Corwin Cambray; Michael Seaman; Neil MacKay; Gary Miedema; Tamara Anson-Cartwright; Janet Lee; Tina (PRK) Fernandes; Mark Ventresca; Matt Bentley; Alex Deighan; Lisa Carson; Vanessa Cipriani; Nick Van Veen; Scott Attwood; Kim Hussey; Rob Patton; Tyler Grassi; Matthew Marchand; Zahid Ur Rashid; Michael Salviato; Scott Pasternack; Vinette Prescott-Brown; Leila Valenzuela; 'Thomas.Levesque@torontopolice.on.ca'; 'Lynn.Hanna@torontopolice.on.ca'; Daniel Gagliotti; Larissa Deneau; Gayle Bursey; Jeffrey (TPA) Dea; Cai De Ridder; 'CBonanni@createto.ca'; 'TRambaran@createto.ca'; 'gfrank@createto.ca'; 'MBaumeister@createto.ca'; 'JKowalski@createto.ca'; Robert Singleton; Tracy Manolakakis; Anthony Irving; 'Joseph.Pellegrino@metrolinx.com'; 'elis.lamaj@enbridge.com'; 'Jason.Simmons@metrolinx.com'; Becky Katz; 'kayson.small@bell.ca'; 'Ali.Shirazi@trca.ca'; 'Sukhmani.Bola@trca.ca'; 'Jamie.Milnes@trca.ca'; Steve Turco; Gan, Tyrone; Shaw, Nick; Gong, Hansen; David Brutto; Edna Cuvin

Cc: Michael Di Girolamo; Joseph Pellegrino; Corey Wells; Jason Simmons; Ali Shirazi; Yan.He@ttc.ca; Small, Kayson; Adelia Yamasaki; Jamie Milnes; Batista, Cindy (MECP); Justin Ji; Singh, Christian (MTO); Derakhshan, Mahmoud; Carlo Bonanni; Elis Lamaj; Mia Baumeister; Melody Xu; Dominic.Ho@ttc.ca; Rebecca (Carmen) Lam; Hao Le; Jawaid Choudhary; Nazli Dehghani; Ihtesham Ahmad; Sheldon Koo; Kabir Kolawole; Deepak Shrestha; Natasha Laing; Cameron, Anne (MOI); Sukhmani Bola; Michael Paolucci; tim.cromack@metrolinx.com; Rob Dolezel; Paul de Sousa

Subject: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) #3

When: April 27, 2023 2:00 PM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: WebEx Link Attached

Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #3

Purpose

The Technical Advisory Committee for the Eglinton East LRT (EELRT) 10% Design and TPAP project is being re-convened, following a Technical Advisory Committee #2 Northern and Southern Corridor Focus Meeting in Late February and March 2023. This meeting will address any substantial updates along the entire EELRT system design and impact assessment that are currently available further to TAC #2, and provide information on the upcoming public consultation schedule.

What you should do before the meeting

Review [EELRT project background](#), TAC #2 Meeting Presentations & Minutes (attached).

Responses to specific formal departmental/organization comments received pursuant to TAC #2 will be provided to the respective entities in advance of the meeting.

If you would like to revise membership for your organization or department in TAC, please email:

David Brutto David.Brutto@toronto.ca, Senior Project Manager, Transit Expansion Division, City of Toronto
Adam Saddo Adam.Saddo@toronto.ca, Project Coordinator, Transit Expansion Division, City of Toronto

Agenda

1. Welcome and Safety Moment
2. Introductions
3. Project Schedule
4. General overview of TAC #2 comments
5. Proposed SSE Terminals Integration (no changes since TAC #2)
6. Update to other focus areas
 - a. Neilson Road
 - b. Morningside Avenue - Highland Creek
 - c. Kingston-Morningside intersection configuration
 - d. Preferred Eglinton GO underpass cross-section
 - e. Eglinton from Midland to Falmouth cross-sections
7. Next Steps

Following the meeting

- TAC members will have an opportunity to submit formal comments, building upon any comments raised during the meeting. Further details about how to submit comments will be provided at the meeting.
- Additional TAC meetings will be scheduled as the project moves towards the TPAP.

Meeting Link

-- Do not delete or change any of the following text. --

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Join by meeting number

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**Ministry of Citizenship
and Multiculturalism**

Heritage Planning Unit
Heritage Branch
Citizenship, Inclusion and
Heritage Division
5th Flr, 400 University Ave
Tel.: 416.786.7553

**Ministère des Affaires civiques
et du Multiculturalisme**

Unité de la planification relative au
patrimoine
Direction du patrimoine
Division des affaires civiques, de
l'inclusion et du patrimoine
Tél.: 416.786.7553



April 4, 2024

EMAIL ONLY

Adam Saddo
Project Coordinator
City of Toronto
Transit Expansion Division
Adam.Saddo@toronto.ca

MCM File # : 0018367
Proponent : City of Toronto
**Subject : Ontario Regulation 231/08 (Transit Project Assessment Process) –
Draft Environmental Project Report**
Project : Eglinton East Light Rapid Transit (EELRT)
Location : City of Toronto

Dear Mr. Saddo:

Thank you for circulating the draft Project File Report (PFR) for the above-referenced project to the Ministry of Citizenship and Multiculturalism (MCM) for review and comment. We understand that this project is following the Transit Project Assessment Process (TPAP) as defined in Ontario Regulation 231/08 under the *Environmental Assessment Act*. O. Reg 231/08 identifies the MCM's interest in cultural heritage resources. Cultural heritage resources include:

- Archaeological resources, including land and marine;
- Built heritage resources, including bridges and monuments; and,
- Cultural heritage landscapes

Under the TPAP, the proponent is required to consider whether its proposed transit project could have potential negative impact on the environment. Under the process an objection can be submitted to the Ministry of the Environment, Conservation and Parks (MECP) about a matter of provincial importance that relates to the natural environment or has cultural heritage value or interest (CHVI).¹ The MECP expects a transit project proponent to make reasonable efforts to avoid, prevent, mitigate or protect matters of provincial importance.

Project Summary

The Eglinton East Light Rail Transit (EELRT), the future Line 7, is a proposed 18 kilometre LRT in Scarborough extending from Kennedy Station (on Line 2 and Line 5) to Malvern Town Centre via the University of Toronto Scarborough Campus (UTSC) with connection at the future station of the provincial Scarborough Subway Extension (SSE) at Sheppard Avenue and McCowan Road.

¹ The MECP's *Guide to Environmental Assessment Requirements for Transit Projects* states that "when dealing with any property of cultural heritage value or interest, "provincial importance" is not restricted to property meeting the criteria as set out under the *Ontario Heritage Act* in *Ontario Regulation 10/06*, Criteria for Determining Cultural Heritage Value or Interest of Provincial Significance." Consideration of provincial importance includes properties that meet the criteria set out in O. Reg 9/06.

Comments

We have reviewed the following documents:

- Draft *Environmental Project Report: Eglinton East Light Rail Transit Project*, dated March 4, 2024, prepared by the City of Toronto and the TCC (“EPR”); and
- *Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment* dated May 2023 (updated August/September 2023, January, and February 2024), prepared by ASI and included as Appendix F to the draft EPR.

We have the following comments and observations, in addition to detailed comments in the table below.

The draft EPR and Cultural Heritage Report are generally consistent with MCM’s and MECP’s guidance, policies and best practices.

Archaeological Resources

Our records indicate that the Stage 1 Archaeological Assessment (under Project Information Form # P094-0367-2023, included as Appendix G of the draft EPR) has yet to be submitted by the licensed archaeologist to MCM.

Please note that archaeological concerns have not been fully addressed until reports have been entered into the Ontario Public Register of Archaeological Reports where those reports recommend that:

1. the archaeological assessment of the project area is complete, and
2. all archaeological sites identified by the assessment are either of no further cultural heritage value or interest (as per Section 48(3) of the *Ontario Heritage Act*) or that mitigation of impacts has been accomplished through excavation or an avoidance and protection strategy.

Proponents should wait to receive the MCM’s review letter indicating that the report(s) has been entered into the Register before issuing a decision or proceeding with any ground disturbing activities.

Proponents must follow the recommendations of the archaeological assessment report(s). MCM recommends that further stages of archaeological assessment be undertaken as early as possible in the EA or detailed design process and prior to any ground disturbing activities.

We strongly recommend that the licensed archaeologist submit the report as soon as possible, and that its findings be considered preliminary until a final version has been entered into the Register.

Built Heritage Resources and Cultural Heritage Landscapes

The Cultural Heritage Report identifies a potential built heritage resource and a potential cultural heritage landscape that will be subject to direct impacts, and therefore require a resource-specific Cultural Heritage Evaluation Report (CHER) to determine whether they are of cultural heritage value or interest (CHVI). As noted in our letter of December 12, 2022, where a known or potential built heritage resource or cultural heritage landscape may be directly and adversely impacted, and where it has not yet been evaluated for CHVI, the CHER must be completed within the TPAP. This guidance is reflected in Recommendation #3 found in Section 8.3 of the Cultural Heritage Report. As such, the drafting of the EPR should assume that these CHERs will be completed by the time the final version of the EPR is submitted.

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

Sincerely,

Dan Minkin
Heritage Planner
dan.minkin@Ontario.ca
Heritage Planning Unit

Copied to: David Brutto, Senior Project Manager, Transit Expansion Division, City of Toronto
Edna Cuvin, Program Director, Transit Expansion Division, City of Toronto
Cindy Batista, Special Project Officer, Environmental Assessment Branch, MECP
Joelle LeBlanc, Project Officer, Environmental Assessment Branch, MECP
Karla Barboza, Team Lead, Heritage Planning Unit, MCM
James Hamilton, Manager, Heritage Planning Unit, MCM

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

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

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

Eglinton East Light Rail Transit (EELRT) Project
MCM Detailed Comments – April 4, 2024

Item #	Section or Element	Comment
Draft Environmental Project Report: Eglinton East Light Rail Transit Project		
1.	Throughout	In 2022, the responsibility for the administration of the <i>Ontario Heritage Act</i> and matters related to cultural heritage was transferred from the Ministry of Tourism, Culture and Sport (MTCS), formerly known as the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI), to the Ministry of Citizenship and Multiculturalism (MCM). The Draft EPR variously uses all three ministry names/abbreviations when referring to the provincial entity to be engaged on cultural heritage matters. These should all be changed to MCM, unless referring to interactions before 2022.
2.	4.5.1 Built Heritage Resources and Cultural Heritage Landscapes p. 182	<p>In the first sentence of this paragraph, we suggest that “the built heritage and cultural landscape” be replaced with “cultural heritage conditions” to avoid confusion with defined terms such as those used in the subsequent sentence, as follows:</p> <p><i>A cultural heritage assessment was conducted in 2023 to document cultural heritage conditions the built heritage and cultural landscape and create an inventory of the cultural heritage resources within the study area.</i></p>
3.	4.5.2 Archaeological Resources p. 185	<p>The subsections of this section reproduce more information from the Stage 1 Archaeological Assessment than is necessary and recommended to include in the body of the EPR. The Existing Conditions section on archaeological resources should briefly summarize the methods and findings of the archaeological assessment; it does not need to include the historical and geological background presented in the archaeological report. We suggest deleting Sections 4.5.2.2 and 4.5.2.3, except for the findings at the end of 4.5.2.3. These could be expanded upon to include the specific findings summarized in Section 3.1 of the Stage 1 Archaeological Assessment. We suggest the following format:</p> <p><i>A Stage 1 archaeological assessment was undertaken on [date] by [consultant archaeologist] for [property or study area]. A Stage 1 AA consists of a review of geographic, land use and historical information for the property and the relevant surrounding area, a property visit to inspect its current condition and contacting MCM to find out whether, or not, there are any known archaeological sites on or near the property. Its purpose is to identify areas of archaeological potential and further archaeological assessment (e.g. Stage 2-4) as necessary. The Stage 1 AA is included in Appendix X.</i></p> <p>[Then include the outcomes and recommendations of the report, as presented in its Executive Summary]</p>
4.	5.5.1 Built Heritage Resources and Cultural Heritage Landscapes p. 238	<p>In several instances in this section, the abbreviation “CHR” is used where the intent was likely “CHL”.</p> <p>The proposed mitigation strategies should provide more detail about CHERs and HIAs to be completed, including the timing, authorship, and circulation for review. We offer the following sample text:</p> <p><i>Should it be determined that there is no other technically feasible option than to encroach on to this property, a HIA will be undertaken by a qualified person as early as possible during detailed design, and developed in consultation with, and submitted for review to, the MCM and interested parties including the municipal heritage planner and/or municipal heritage</i></p>

		<p><i>committee and Indigenous Nations, as appropriate. A heritage permit may be required and further consultation with heritage staff at the municipality is recommended.</i></p> <p>As noted in the letter above, we reiterate that where potential resources are to be directly impacted, the CHER is to be completed during the TPAP phase.</p>
5.	5.5.2 Archaeological Resources p. 242	<p>This section should account for the possibility that the Stage 2 survey may result in the identification of archaeological sites, which would require Stage 3 and 4 assessment (site surveys and mitigation through excavation), and that of archaeological resources being discovered during construction, in spite of the completion of archaeological assessment.</p> <p>We recommend that the following paragraphs be added to the section where appropriate:</p> <p><i>The Stage 2 archaeological assessment, and any further stages of archaeological assessment recommended in the Stage 2 report, will be undertaken by an archaeologist licenced under the OHA as early as possible during the detailed design process and prior to any ground-disturbing activities.</i></p> <p><i>Should previously undocumented archaeological resources be discovered during construction, the person discovering the archaeological resources shall cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the OHA. If the discovery includes human remains, the police or coroner shall also be notified.</i></p>
6.	6.4 Future Communications and Engagement	The fifth bullet in this section should be revised to reflect our comment #4 regarding Section 5.5.1, with respect to the timing of CHER and HIA completion and review.
7.	7 Permits and Approvals p. 267	We suggest renaming this section “Permits, Approvals and Legislative Requirements” to capture things such as archaeological assessment review, which is triggered by legislation but is not a permit or approval per se (see comment below re Section 7.2).
8.	7.2 Provincial p. 268	<p>MCM does not issue “approvals” for archaeological assessments or cultural heritage reports. We recommend that a bullet with respect to archaeological assessment be worded as follows:</p> <ul style="list-style-type: none"> • <i>Obtain letters from MCM indicating that all Archaeological Assessment reports have been entered into the Ontario Public Register of Archaeological Reports, including reports that recommend no further stages of archaeological assessment for each property.</i> <p>A separate bullet could be added for the circulation of CHERs and HIAs completed pursuant the Cultural Heritage Report to MCM for review and comment.</p>
9.	7.3 Municipal p. 269	The project may also require approvals from the City for alterations to properties designated by bylaw pursuant to Part IV of the OHA.
10.	Table 8.1 Commitments to Future Work	As noted in item #1 above, references to MHSTCI should be changed to MCM. In the two Cultural Environment rows of Table 8.1, in the “Agencies to be Consulted” column, this will also mean removing duplication, as there should not be two separate ministries indicated.

	p. 270	
11.	Table 8.1 Commitments to Future Work Row – Archaeological Resources p. 280	It is unclear why “Indigenous Nations” appears under “Agencies to be Consulted” for the Built Heritage Resources and Cultural Heritage Landscapes row but not the Archaeological Resources row, especially given that “engagement with Indigenous Nations” is mentioned under “Future Commitment” in the Archaeological Resources row. The <i>Standards and Guidelines for Consultant Archaeologists</i> require that Indigenous communities be engaged at Stage 3 at the latest where identified archaeological sites are associated with their cultures, and Section 6.2.3 of the draft EPR notes that the Mississaugas of the New Credit requested to be included in site work associated with the Stage 2 assessment.
12.	Table 8.1 Commitments to Future Work Row – Archaeological Resources p. 280	As with Section 5.5.2 per our comment # 5, this row should note the possibility of additional stages of archaeological assessment that may be triggered by the results of the Stage 2 archaeological assessment, and the procedure in case of archaeological resources being discovered during construction. Further, while we recognize that the “Project Phase” field indicates “Preliminary and Detailed Design”, we recommend that the commitment itself note that all required stages remaining at the time of TPAP completion take place as early as possible in the detailed design process, and well in advance of ground-disturbing activities.
Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment		
13.	Table 1: Inventory of Known and Potential Built Heritage Resources and Cultural Heritage Landscapes within the Study Area p. 74	In the case of built heritage resources and cultural heritage landscapes that were identified during background research and field review, we recommend that the language of the “Description of Property and Known or Potential C.H.V.I.” be revised to refer more specifically to one or more of the CHVI criteria found in Ontario Regulation 9/06, for example noting that a resource may be a representative example of a certain style, etc.
14.	Table 2: Preliminary Impact Assessment and Recommended Mitigation Measures Row – B.H.R. 3 p. 100	The direct impacts noted here include the potential to impact views to and from the BHR, and the potential to impact its setting through the addition of the landscaped tree planter. Impacts to views and settings are typically assessed as indirect impacts. It is unclear why they are considered direct impacts here.

Nahed, Karim

From: Adam Saddo <Adam.Saddo@toronto.ca>
Sent: Wednesday, May 15, 2024 8:40 PM
To: Michael Robinson (TRA); owen.mcgaughey; Irem Khan; Katie Wittmann; Emily Chang; Murad Khan; Andres Jarrin; Daphne Wee; Mark Berkovitz; Zachary Brown; Khaled Chowdhury; Lukasz Pawlowski; Rebecca (Carmen) Lam; Hao Le; Jawaid Choudhary; Nazli Dehghani; Ihtesham Ahmad; Sheldon Koo; Kabir Kolawole; Roberto Ionescu; Ted Malkos; Daniel Pina; Ted Van Vliet; Sandra Diaz; Susan Andriyani; Manish Rathore; Cai De Ridder; Sin, Adrian; Grant Kauffman; Andus Chen; Meredith Vaga; spenton; Julia Murnaghan; Deepak Shrestha; John Lam; Clement Shim; Eldwin Yau; Saeid Behnia; Joanna Yu; Marco Bertoia; Monirul Islam; Lawrence Shintani; Fatima Movahedinia; James Perttula; Liora Freedman; Greg Tokarz; Riad Rahman; Michael Hain; Monika Nasterska; Christian Ventresca; Samuel Baron; Renrick Ashby; Jeffery Sinclair; Thomas Schwerdtfeger; hans.riekko; Renita D'Souza; Emilia Floro; Kristina Reinders; Corwin Cambray; Michael Seaman; Neil MacKay; Gary Miedema; Tamara Anson-Cartwright; Steve Turco; Eric Beales; Alison Torrie-Lapaire; Mark Ventresca; lisa.carson; Matt Bentley; Vanessa Cipriani; Nick Van Veen; Scott Attwood; Kim Hussey; George Tzavaras; Rob Patton; Sean O'Connell; Tyler Grassi; Matthew Marchand; Zahid Ur Rashid; Michael Salviato; Paul Dhir; Benjamin Miller; Scott Pasternack; Vinette Prescott-Brown; Leila Valenzuela; daniel.gagliotti; Larissa Deneau; Jeffrey (TPA) Dea; Cai De Ridder; Neil Hogan; Robert Singleton; Carlo Bonanni; Pedro Giunti; Mia Baumeister; Mehakdeep Dhillon; Chu, Eric; Yan.He@ttc.ca; Robert.Moffat@ttc.ca; Ho, Dominic; Nathan Seah; Niko Barlas; Jenny Matharu; 'Meghan Meyer'; Michael Tham; Arad Mohaghegh; lindsay.lashley; Margaret Tyszk; 'Joseph.Ehrlich@metrolinx.com'; Adelia Yamasaki; Nasim.Bozorgmehr; Ann Marie Chung; 'Bianca.Whiffen@metrolinx.com'; Sahar Tolami; 'Shelley.Persaud@metrolinx.com'; Tony To; 'Joshua.Paltoo@metrolinx.com'; 'Marco.Quattrociocchi@metrolinx.com'; Ada Maciejewski; Maria Topalovic; Anna Lippa; Brian Matthews; Teik Lim; Nadine Navarro; Meaghan Mendonca; Kerrie Kerenidis; Chirag Shah; Hajjar, Alexander (MTO); Sit, Michael (MTO); Ng, Raymond (MTO); francesca.brown; Singh, Christian (MTO); Ouellet, Jean-Francois (IO); Moon, Nimish (IO); Paul Leithwood; Caroline Mugo; Mark Rapus; Corey Wells; 'wesley.plant@canada.ca'; 'anjala.puvananathan@canada.ca'; 'Raul.Santos@bell.ca'; Derakhshan, Mahmoud; 'lise.chabot@ontario.ca'; 'kate.manson-smith@ontario.ca'; 'maya.harris@ontario.ca'; 'Stewart.Chisholm@ontario.ca'; 'trevor.griffin@ontario.ca'; 'Dan.L.Thompson@ontario.ca'; 'Kate.Gee@ontario.ca'; Pastori, Andrea (TBS); 'elsy.aceves@hydroone.com'; DIMAND Laura; Daniel Petrozziello; 'Mohamad Hamdan'; Kourosh Khosropanah; Sam Hifawi; Tom Odell; Gan, Tyrone; Nahed, Karim; Gong, Hansen; Anhara, Mahia; Barboza, Karla (MTCS); Minkin, Dan (MHSTCI); Hatcher, Laura (MCM); Batista, Cindy (MECP); Cameron, Anne (MECP); solange.desautels; 'Kathleen.Oneill@ontario.ca'; Carla Lipkin; Frank Difei He; Antonella Nicaso; Junaid Farooq; Justin Keke; Faisal Khan; Jackie Tam; Jacqueline Darwood; Kevin Tavares; Hyejin Jung
Cc: David Brutto; Edna Cuvin; Richard Borbridge
Subject: Eglinton East LRT 10% Design and TRPAP Technical Advisory Committee - Notice of Commencement
Attachments: EELRT Notice of Commencement_15May2024_ISSUED.pdf

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello everyone,

The City of Toronto thanks you all for the participation in the Eglinton East LRT Technical Advisory Committee to date.

Kindly find the attached Notice of Commencement for the EELRT Transit Rail Project Assessment Process (TRPAP), which launched today, May 15, 2024.

Should there be any questions regarding the EELRT TRPAP, please reach out to Transit Expansion directly.

Regards,

Adam Saddo

Project Coordinator

City of Toronto

Transit Expansion – Stations & Strategic Initiatives

Cell: (437-218-6157)



**Ministry of Citizenship
and Multiculturalism**

Heritage Planning Unit
Heritage Branch
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5th Flr, 400 University Ave
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**Ministère des Affaires civiques
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Tél.: 416.786.7553



June 24, 2024

EMAIL ONLY

Adam Saddo
Project Coordinator
City of Toronto
Transit Expansion Division
Adam.Saddo@toronto.ca

MCM File #	:	0018367
Proponent	:	City of Toronto
Subject	:	Ontario Regulation 231/08 (Transit and Rail Project Assessment Process) – Notice of Commencement
Project	:	Eglinton East Light Rapid Transit (EELRT)
Location	:	City of Toronto

Dear Mr. Saddo:

Thank you for circulating the Notice of Commencement for the above-referenced project to the Ministry of Citizenship and Multiculturalism (MCM). We understand that this project is following the Transit and Rail Project Assessment Process (TRPAP) as defined in Ontario Regulation 231/08 under the *Environmental Assessment Act*. O. Reg 231/08 identifies the MCM's interest in cultural heritage resources. Cultural heritage resources include:

- Archaeological resources, including land and marine;
- Built heritage resources, including bridges and monuments; and,
- Cultural heritage landscapes

Under the TRPAP, the proponent is required to consider whether its proposed transit project could have potential negative impact on the environment. Under the process, an objection can be submitted to the Ministry of the Environment, Conservation and Parks (MECP) about a matter of provincial importance that relates to the natural environment or has cultural heritage value or interest (CHVI).¹ The MECP expects a transit project proponent to make reasonable efforts to avoid, prevent, mitigate or protect matters of provincial importance.

Project Summary

The Eglinton East Light Rail Transit (EELRT), the future Line 7, is a proposed 18 kilometre LRT in Scarborough extending from Kennedy Station (on Line 2 and Line 5) to Malvern Town Centre via the University of Toronto Scarborough Campus (UTSC) with connection at the future station of the provincial Scarborough Subway Extension (SSE) at Sheppard Avenue and McCowan Road.

¹ The MECP's *Guide to Environmental Assessment Requirements for Transit Projects* states that "when dealing with any property of cultural heritage value or interest, "provincial importance" is not restricted to property meeting the criteria as set out under the *Ontario Heritage Act* in *Ontario Regulation 10/06*, Criteria for Determining Cultural Heritage Value or Interest of Provincial Significance." Consideration of provincial importance includes properties that meet the criteria set out in O. Reg 9/06.

Comments

We have reviewed the following documents:

- Draft *Environmental Project Report: Eglinton East Light Rail Transit Project*, dated May 2024, prepared by the City of Toronto and the TCC (“EPR”); and
- *Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment* dated May 2023 (updated August/September 2023, January, February, and May 2024), prepared by ASI and included as Appendix F to the draft EPR.

We have the following comments:

On April 4, 2024, we provided comments on the March 4, 2024 draft of the EPR and the February 2024 draft of the Cultural Heritage Report. Upon review, we find that our comments have been substantially addressed in the updated versions. We have included some further comments on the revised documents in the comment-response table below.

Our comments are made with the understanding that the Cultural Heritage Evaluation Reports for directly impacted potential built heritage resources and/or cultural heritage landscapes, the preliminary results of which are now reflected in the draft EPR, will be finalized by the time the EPR is finalized and the TRPAP completed.

We further find that the draft EPR and Cultural Heritage Report are generally consistent with MCM’s and MECP’s guidance, policies and best practices.

As noted in our letter of April 4, our records indicate that the Stage 1 Archaeological Assessment (under Project Information Form # P094-0367-2023, included as Appendix G of the draft EPR) has still not to be submitted by the licensed archaeologist to MCM.

We continue to strongly recommend that the licensed archaeologist submit the report to MCM under the standard process as soon as possible, so that review and entry into the Ontario Public Register of Archaeological Resources can take place on a timeline consistent with the project schedule. For the same reason, the project team may wish to have the licensed archaeologist request an expedited review of the report at the time of submission. Findings in the report should be considered preliminary until a final version has been entered into the Register.

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

Sincerely,

Dan Minkin
Heritage Planner
dan.minkin@Ontario.ca
Heritage Planning Unit

Copied to: David Brutto, Senior Project Manager, Transit Expansion Division, City of Toronto
Edna Cuvin, Program Director, Transit Expansion Division, City of Toronto
Cindy Batista, Special Project Officer, Environmental Assessment Branch, MECP
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Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the *Ontario Heritage Act*. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the *Ontario Heritage Act*.

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

Eglinton East Light Rail Transit (EELRT) Project
MCM Detailed Comments – June 24, 2024

Item #	Section or Element	MCM Comment April 4, 2024	HDR/City Response May 29, 2024	New MCM Comment
Draft Environmental Project Report: Eglinton East Light Rail Transit Project				
New	Table of Contents	N/A	N/A	While we failed to note this in April, we note now that the Table of Contents names Appendix F as “Cultural Environment Report”. As the “cultural environment” includes archaeological resources, which are the subject of Appendix G, we recommend that the Table of Contents use the title of the report in Appendix F, namely “Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment.”
1.	Throughout	In 2022, the responsibility for the administration of the <i>Ontario Heritage Act</i> and matters related to cultural heritage was transferred from the Ministry of Tourism, Culture and Sport (MTCS), formerly known as the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI), to the Ministry of Citizenship and Multiculturalism (MCM). The Draft EPR variously uses all three ministry names/abbreviations when referring to the provincial entity to be engaged on cultural heritage matters. These should all be changed to MCM, unless referring to interactions before 2022.	All mentions of MTCS, MHSTCI have been revised to MCM in the EPR.	Resolved.
2.	4.5.1 Built Heritage Resources and Cultural Heritage Landscapes p. 182	In the first sentence of this paragraph, we suggest that “the built heritage and cultural landscape” be replaced with “cultural heritage conditions” to avoid confusion with defined terms such as those used in the subsequent sentence, as follows: <i>A cultural heritage assessment was conducted in 2023 to document cultural heritage conditions the built heritage and cultural landscape and create an inventory of the cultural heritage resources within the study area.</i>	This has been revised.	Resolved.

3.	4.5.2 Archaeological Resources p. 185	<p>The subsections of this section reproduce more information from the Stage 1 Archaeological Assessment than is necessary and recommended to include in the body of the EPR. The Existing Conditions section on archaeological resources should briefly summarize the methods and findings of the archaeological assessment; it does not need to include the historical and geological background presented in the archaeological report. We suggest deleting Sections 4.5.2.2 and 4.5.2.3, except for the findings at the end of 4.5.2.3. These could be expanded upon to include the specific findings summarized in Section 3.1 of the Stage 1 Archaeological Assessment. We suggest the following format:</p> <p><i>A Stage 1 archaeological assessment was undertaken on [date] by [consultant archaeologist] for [property or study area]. A Stage 1 AA consists of a review of geographic, land use and historical information for the property and the relevant surrounding area, a property visit to inspect its current condition and contacting MCM to find out whether, or not, there are any known archaeological sites on or near the property. Its purpose is to identify areas of archaeological potential and further archaeological assessment (e.g. Stage 2-4) as necessary. The Stage 1 AA is included in Appendix X.</i></p> <p>[Then include the outcomes and recommendations of the report, as presented in its Executive Summary]</p>	This section has been revised. The recommendations from the impact assessment report are addressed in the Impact Assessment section of the EPR (Chapter 5)	We note that Section 4.5.2 has a new format and do not have any comments or concerns. However, we note a possible editorial error affecting the meaning of the first paragraph: in the final sentence, “recommending” or a similar word is likely missing before “further archaeological assessment”.
4.	5.5.1 Built Heritage Resources and Cultural Heritage Landscapes p. 238	<p>In several instances in this section, the abbreviation “CHR” is used where the intent was likely “CHL”.</p> <p>The proposed mitigation strategies should provide more detail about CHERs and HIAs to be completed, including the timing, authorship, and circulation for review. We offer the following sample text:</p>	This has been added to the report.	Resolved. We observe that Section 5.5.1.1 has been added, noting the preliminary results of the CHERs. For clarity and consistency with the regulatory framework, we recommend that the second paragraph be revised as follows:

		<p><i>Should it be determined that there is no other technically feasible option than to encroach on to this property, a HIA will be undertaken by a qualified person as early as possible during detailed design, and developed in consultation with, and submitted for review to, the MCM and interested parties including the municipal heritage planner and/or municipal heritage committee and Indigenous Nations, as appropriate. A heritage permit may be required and further consultation with heritage staff at the municipality is recommended.</i></p> <p>As noted in the letter above, we reiterate that where potential resources are to be directly impacted, the CHER is to be completed during the TPAP phase.</p>		<p><i>...none of the properties along Morningside Avenue have historical, associative value, design, physical, nor contextual value are of cultural heritage value or interest (CHVI).</i></p>
5.	5.5.2 Archaeological Resources p. 242	<p>This section should account for the possibility that the Stage 2 survey may result in the identification of archaeological sites, which would require Stage 3 and 4 assessment (site surveys and mitigation through excavation), and that of archaeological resources being discovered during construction, in spite of the completion of archaeological assessment.</p> <p>We recommend that the following paragraphs be added to the section where appropriate:</p> <p><i>The Stage 2 archaeological assessment, and any further stages of archaeological assessment recommended in the Stage 2 report, will be undertaken by an archaeologist licenced under the OHA as early as possible during the detailed design process and prior to any ground-disturbing activities.</i></p> <p><i>Should previously undocumented archaeological resources be discovered during construction, the person discovering the archaeological resources shall cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with</i></p>	This has been added to the report.	Resolved.

		<i>Section 48(1) of the OHA. If the discovery includes human remains, the police or coroner shall also be notified.</i>		
6.	6.4 Future Communications and Engagement	The fifth bullet in this section should be revised to reflect our comment #4 regarding Section 5.5.1, with respect to the timing of CHER and HIA completion and review.	This has been revised.	Resolved. However, the final sentence of the fifth bullet should be deleted, given that the CHERs for directly impacted potential resources will have been completed by the time this EPR is circulated in its final form.
7.	7 Permits and Approvals p. 267	We suggest renaming this section “Permits, Approvals and Legislative Requirements” to capture things such as archaeological assessment review, which is triggered by legislation but is not a permit or approval per se (see comment below re Section 7.2).	This has been revised.	Resolved.
8.	7.2 Provincial p. 268	<p>MCM does not issue “approvals” for archaeological assessments or cultural heritage reports. We recommend that a bullet with respect to archaeological assessment be worded as follows:</p> <ul style="list-style-type: none"> • <i>Obtain letters from MCM indicating that all Archaeological Assessment reports have been entered into the Ontario Public Register of Archaeological Reports, including reports that recommend no further stages of archaeological assessment for each property.</i> <p>A separate bullet could be added for the circulation of CHERs and HIAs completed pursuant the Cultural Heritage Report to MCM for review and comment.</p>	This has been revised.	Resolved with respect to the bullet referring to archaeology. As for CHERs and HIAs, MCM does not have an “acceptance” role; we recommend this word be changed to “comment”. The CHERs and HIAs should also be circulated to City of Toronto Heritage Planning, Indigenous communities and other interested parties. This commitment could be made here or in another appropriate part of the EPR. The word “archaeological” should be removed from the bullet regarding CHERs and HIAs, as further archaeological investigations are captured under the previous bullet.
9.	7.3 Municipal p. 269	The project may also require approvals from the City for alterations to properties designated by bylaw pursuant to Part IV of the OHA.	This has been added.	Resolved.
10.	Table 8.1 Commitments to Future Work p. 270	As noted in item #1 above, references to MHSTCI should be changed to MCM. In the two Cultural Environment rows of Table 8.1, in the “Agencies to be Consulted” column, this will also mean removing duplication, as there should not be two separate ministries indicated.	This has been revised.	Resolved.

11.	Table 8-1 Commitments to Future Work Row – Archaeological Resources p. 280	It is unclear why “Indigenous Nations” appears under “Agencies to be Consulted” for the Built Heritage Resources and Cultural Heritage Landscapes row but not the Archaeological Resources row, especially given that “engagement with Indigenous Nations” is mentioned under “Future Commitment” in the Archaeological Resources row. The <i>Standards and Guidelines for Consultant Archaeologists</i> require that Indigenous communities be engaged at Stage 3 at the latest where identified archaeological sites are associated with their cultures, and Section 6.2.3 of the draft EPR notes that the Mississaugas of the New Credit requested to be included in site work associated with the Stage 2 assessment.	This has been added to the archaeology section.	Resolved.
12.	Table 8.1 Commitments to Future Work Row – Archaeological Resources p. 280	As with Section 5.5.2 per our comment # 5, this row should note the possibility of additional stages of archaeological assessment that may be triggered by the results of the Stage 2 archaeological assessment, and the procedure in case of archaeological resources being discovered during construction. Further, while we recognize that the “Project Phase” field indicates “Preliminary and Detailed Design”, we recommend that the commitment itself note that all required stages remaining at the time of TPAP completion take place as early as possible in the detailed design process, and well in advance of ground-disturbing activities.	This has been added.	<p>We acknowledge that the 5th bullet has been added to address this comment. However, the combination of two separate commitments into one bullet may create a misapprehension that the completion of remaining stages of archaeological assessment is related to or contingent upon the discovery of archaeological resources during construction. We recommend that this be divided into two bullets, as follows:</p> <ul style="list-style-type: none"> • <i>Should the Stage 2 Archaeological Assessment result in a recommendation for further assessment, all required remaining stages at the time of TRPAP completion should will be completed as early as possible in the detailed design process and before any ground disturbing activities.</i> • <i>Should previously undocumented archaeological resources be discovered during construction, the person discovering the archaeological resources shall cease alteration of the site immediately and engage a licensed</i>

				<p><i>consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the OHA. If the discovery includes human remains, the police or coroner shall also be notified.</i></p> <p>This ordering of the bullets would reflect the chronological order of assessment and construction.</p>
Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment				
13.	Table 1: Inventory of Known and Potential Built Heritage Resources and Cultural Landscapes within the Study Area p. 74	In the case of built heritage resources and cultural heritage landscapes that were identified during background research and field review, we recommend that the language of the "Description of Property and Known or Potential C.H.V.I." be revised to refer more specifically to one or more of the CHVI criteria found in Ontario Regulation 9/06, for example noting that a resource may be a representative example of a certain style, etc.	Acknowledged. The wording of the descriptions has been revised as noted.	Resolved.
14.	Table 2: Preliminary Impact Assessment and Recommended Mitigation Measures Row – B.H.R. 3 p. 100	The direct impacts noted here include the potential to impact views to and from the BHR, and the potential to impact its setting through the addition of the landscaped tree planter. Impacts to views and settings are typically assessed as indirect impacts. It is unclear why they are considered direct impacts here.	Views and change of setting are no longer identified as an adverse direct impact for this property. Given views/setting are not identified as a heritage attribute, this has been removed from the impact assessment for this property. Given a HIA is recommended regardless due to encroachment, an assessment of impacts will be adequately addressed as the design progresses.	Resolved.

Nahed, Karim

From: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>
Sent: Monday, June 24, 2024 3:46 PM
To: Sin, Adrian
Cc: Edna Cuvin; Batista, Cindy (MECP); Leblanc, Joelle (MECP); Barboza, Karla (MTCS); james.hamilton; 10325954_D_EELRT TPAP-10 Design Update; Nahed, Karim; Gan, Tyrone; David Brutto; Adam Saddo
Subject: RE: Eglinton East LRT EPR and 10% Design Comment Responses - MCM [MCM File 0018367]
Attachments: 2024-06-24_EglintonEastLRT_MCMcomments.pdf

Some people who received this message don't often get email from dan.minkin@ontario.ca. [Learn why this is important](#)

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Good afternoon,
Please see our comments attached.

Dan Minkin

Heritage Planner | Heritage Operations Branch
Ministry of Citizenship and Multiculturalism | Ontario Public Service
416-786-7553 | dan.minkin@ontario.ca





Taking pride in strengthening Ontario, its places and its people

From: Sin, Adrian <Adrian.Sin@hdrinc.com>
Sent: Wednesday, May 29, 2024 9:28 AM
To: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>; Hamilton, James (MCM) <James.Hamilton@ontario.ca>; Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>
Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; David Brutto <David.Brutto@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>
Subject: Eglinton East LRT EPR and 10% Design Comment Responses - MCM

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Hello Dan,

Thank you for your comments on the Eglinton East LRT 10% Design and Environmental Project Report. We have reviewed the comments, made revisions to the EPR, and have provided responses to your comments.

On behalf of the City of Toronto, we have attached comment responses (dated 2024-05-28)  [2024-05-28 MCM.xlsx](#), the updated EPR (dated 2024-05-28), and updated 10% design roll drawings (dated 2024-05-28)  [10% Design and EPR](#).

If you have trouble accessing the link, please let me know.

If you have any questions, please contact the David Brutto at david.brutto@toronto.ca.

Thank you,

Adrian Sin (he/him)
D 647.777.1698
adrian.sin@hdrinc.com

hdrinc.com/follow-us

 [Book time to meet with me](#)

Out-of-Office: 29-May to 04 June 2024

From: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>
Sent: Thursday, April 4, 2024 5:26 PM
To: David Brutto <David.Brutto@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>
Cc: Barboza, Karla (MTCS) <Karla.Barboza@ontario.ca>; Hamilton, James (MCM) <James.Hamilton@ontario.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>
Subject: [External Sender] RE: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #4 [MCM File 0018367]

Good afternoon,
Please see our comments attached, and let us know if you would like to discuss further. All the best,

Dan Minkin
Heritage Planner | Heritage Branch
Ministry of Citizenship and Multiculturalism | Ontario Public Service
416-786-7553 | dan.minkin@ontario.ca



Taking pride in strengthening Ontario, its places and its people

From: Minkin, Dan (MCM)
Sent: March 8, 2024 6:04 PM
To: David Brutto <David.Brutto@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>
Cc: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; Smythe, Liam (He/Him) (MCM) <Liam.Smythe@ontario.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>
Subject: RE: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #4 [MCM File 0018367]

Hi David and Adam,

Thank you for circulating the draft EPR and appendices to us for review. I have successfully downloaded the relevant components. We will review the draft EPR body and Appendix F (draft Cultural Heritage Report) by Monday, April 8 as requested. We will reach out if we feel a meeting is necessary after our review.

I want to make sure it is clear that this circulation does not constitute submission of the archaeological reports in Appendix G for technical review, and we as heritage planners do not review archaeological reports. Review of

archaeological reports is only carried out by MCM's Archaeological Program Unit pursuant to formal submission by the licensed archaeologist who authored it. Given your timelines we strongly recommend that the project's archaeologist submit the reports through their professional channels as soon as possible, and request expedited review.

Please let us know if you have any additional questions.

Dan Minkin | Heritage Planner
Ministry of Citizenship and Multiculturalism
Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit
T. 416. 786.7553 | Email: dan.minkin@ontario.ca

Effective October 17, 2022, units responsible for cultural heritage matters have been transferred from the Ministry of Tourism, Culture and Sport (MTCS) to the Ministry of Citizenship and Multiculturalism (MCM). Responsibility for the Ontario Heritage Act and associated Provincial functions is now held by MCM. Individual staff roles and contact information remain unchanged.

From: David Brutto <David.Brutto@toronto.ca>
Sent: March 8, 2024 11:19 AM
To: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>
Cc: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; Smythe, Liam (He/Him) (MCM) <Liam.Smythe@ontario.ca>; Adam Saddo <Adam.Saddo@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>
Subject: RE: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #4 [MCM File 0018367]

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

Hi Dan,

Thank you for reaching out to our team. I am following up a voicemail I recently left for you.

The City acknowledges correspondence received from MCM in December 2022 and April 2023 including preference to review draft Cultural Heritage report(s) prior to circulation to MCM of a draft EPR.

The City, considering timeline pressures and direction from City Council to advance the project, and the requirements of O.Reg. 231/08, is currently circulating a draft EPR v1 to TAC representatives and interested stakeholders for a formal 30 day review period.

The City's intention is to launch TPAP in mid-spring, subject to review of feedback received and adequate time to address concerns, including significant concerns should there be any.

My colleague Adam will be providing a circulation email with draft documentation shortly.

We would appreciate the Ministry's support and consideration and will be happy to follow up/meet with you regarding timeframes for MCM review of the draft Cultural Report, recommended CHERs currently in progress, Stage 1 AA, and Draft EPR.

Kindly,

David L. Brutto, MCIP, RPP, MBA
Senior Project Manager, Transit Expansion Division
C: 437-218-6653



From: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>
Sent: March 5, 2024 4:48 PM

To: Adam Saddo <Adam.Saddo@toronto.ca>

Cc: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; Smythe, Liam (He/Him) (MCM)

<Liam.Smythe@ontario.ca>

Subject: [External Sender] RE: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #4 [MCM File 0018367]

Hi Adam, thank you for sending me the TAC meeting minutes. I was on leave at the time of the meeting, but my colleague Liam Smythe attended in my stead.

I notice there was a comment made in response to a question that the “target launch date” is in Spring 2024. Does this refer to the Notice of Commencement or to the circulation of the draft EPR before the Notice of Commencement?

To date we have not received a draft Cultural Heritage Report, and the Stage 1 Archaeological Assessment report under PIF # P094-0367-2023 has not been submitted to our Archaeology Program Unit for review. I am lead to believe that both reports have been drafted.

As noted in our letter of April 6, 2023, the Stage 1 Archaeological Assessment Report should be entered into the Ontario Public Register of Archaeological Reports before completion of the TPAP. This happens after the report has been reviewed by our ministry and revised as necessary, and review can take time. We would recommend that the consultant archaeologist in charge of this report submit it through their professional channels as soon as possible.

As also noted in the same April 6, 2023 letter, we would like to review a draft of the Cultural Heritage Report before the draft EPR is circulated. When would this be possible?

I am attaching our initial letter of December 12, 2022, with general advice on these cultural heritage technical studies.

Thanks!

Dan Minkin | Heritage Planner

Ministry of Citizenship and Multiculturalism

Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit

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Effective October 17, 2022, units responsible for cultural heritage matters have been transferred from the Ministry of Tourism, Culture and Sport (MTCS) to the Ministry of Citizenship and Multiculturalism (MCM). Responsibility for the Ontario Heritage Act and associated Provincial functions is now held by MCM. Individual staff roles and contact information remain unchanged.

From: Adam Saddo <Adam.Saddo@toronto.ca>

Sent: March 5, 2024 2:18 PM

To: Michael Robinson (TRA) <Michael.Robinson9@toronto.ca>; Owen McGaughey <Owen.McGaughey@toronto.ca>; Irem Khan <Irem.Khan@toronto.ca>; Katie Wittmann <Katie.Wittmann@toronto.ca>; Emily Chang <Emily.Chang@toronto.ca>; Murad Khan <Murad.Khan@toronto.ca>; Andres Jarrin <Andres.Jarrin@toronto.ca>; Daphne Wee <Daphne.We@toronto.ca>; Mark Berkovitz <mark.berkovitz@toronto.ca>; Zachary Brown <Zachary.Brown@toronto.ca>; Khaled Chowdhury <Khaled.Chowdhury@toronto.ca>; Lukasz Pawlowski <Lukasz.Pawlowski@toronto.ca>; Rebecca (Carmen) Lam <Rebecca.Lam@toronto.ca>; Hao Le <Hao.Le@toronto.ca>; Jawaid Choudhary <Jawaid.Choudhary@toronto.ca>; Nazli Dehghani <Nazli.DEHGhani@toronto.ca>; Ihtesham Ahmad <Ihtesham.Ahmad@toronto.ca>; Sheldon Koo <Sheldon.Koo@toronto.ca>; Kabir Kolawole <Kabir.Kolawole@toronto.ca>; Roberto Ionescu <Roberto.Ionescu@toronto.ca>; Ted Malkos <Ted.Malkos@toronto.ca>; Daniel Pina <Daniel.Pina@trca.ca>; Ted Van Vliet <Ted.VanVliet@toronto.ca>; Sandra Diaz <Sandra.Diaz@toronto.ca>; Susan Andriyani <Susan.Andriyani@toronto.ca>; Manish Rathore <MRATHORE@TorontoHydro.com>; Cai De Ridder <Cai.DeRidder@greenpmobility.com>; Grant Kauffman <gkauffman@lgl.com>; Andus Chen <Andus.Chen@toronto.ca>; Meredith Vaga <Meredith.Vaga@toronto.ca>; Scott Penton <spenton@slrconsulting.com>; Julia Murnaghan <Julia.Murnaghan@toronto.ca>; Deepak Shrestha <Deepak.Shrestha@toronto.ca>; John Lam <John.Lam@toronto.ca>; Clement Shim <Clement.Shim@toronto.ca>; Eldwin Yau <Eldwin.Yau@toronto.ca>; Saeid Behnia

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Subject: RE: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #4

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

Hi all,

Thanks for the participation in the recent Technical Advisory Committee Meeting #4.
Please find the attached EELRT Technical Advisory Committee #4 Presentation and Meeting Minutes.

Thanks,

Adam Saddo

Project Coordinator

City of Toronto - Transit Expansion Division

Cell: (437-218-6157)



-----Original Appointment-----

From: Adam Saddo

Sent: January 25, 2024 8:22 PM

To: Adam Saddo; Michael Robinson (TRA); Owen McGaughey; Irem Khan; Katie Wittmann; Emily Chang; Murad Khan; Andres Jarrin; Daphne Wee; Mark Berkovitz; Zachary Brown; Khaled Chowdhury; Lukasz Pawlowski; Rebecca (Carmen) Lam; Hao Le; Jawaid Choudhary; Nazli Dehghani; Ihtesham Ahmad; Sheldon Koo; Kabir Kolawole; Roberto Ionescu; Ted Malkos; Daniel Pina; Ted Van Vliet; Sandra Diaz; Susan Andriyani; Manish Rathore; Cai De Ridder; Sin, Adrian; Grant Kauffman; Andus Chen; Meredith Vaga; Scott Penton; Julia Murnaghan; Deepak Shrestha; John Lam; Clement Shim; Eldwin Yau; Saeid Behnia; Joanna Yu; Marco Bertoia; Monirul Islam; Lawrence Shintani; Fatima Movahedinia; James Perttula; Riad Rahman; Michael Hain; Monika Nasterska; Christian Ventresca; Samuel Baron; Renrick Ashby; Jeffery Sinclair; Thomas Schwerdtfeger; Hans Riekkö; Renita D'Souza; Emilia Floro; Kristina Reinders; Corwin Cambray; Michael Seaman; Neil MacKay; Gary Miedema; Tamara Anson-Cartwright; Steve Turco; Eric Beales; Alison Torrie-Lapaire; Mark Ventresca; Lisa Carson; Matt Bentley; Vanessa Cipriani; Nick Van Veen; Scott Attwood; Kim Hussey; George Tzavaras; Rob Patton; Sean O'Connell; Tyler Grassi; Matthew Marchand; Zahid Ur Rashid; Michael Salviato; Paul Dhir; Benjamin Miller; Scott Pasternack; Vinette Prescott-Brown; Leila Valenzuela; Daniel Gagliotti; Larissa Deneau; Jeffrey (TPA) Dea; Cai De Ridder; Neil Hogan; Robert Singleton; Carlo Bonanni; Pedro Giunti; MBaumeister@createto.ca; Mehakdeep Dhillon; Chu, Eric; Yan.He@ttc.ca; Robert.Moffat@ttc.ca; Dominic.Ho@ttc.ca; Nathan Seah; Niko Barlas; Jenny Matharu; 'Meghan Meyer'; 'Michael.Tham@metrolinx.com'; Arad Mohaghegh; 'Lindsay.Lashley@metrolinx.com'; Margaret

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Cc: Alan Law; Brown, Francesca (MTO); Daniella Lettieri-Crognale; Andy Xiong; Sophia Chang; Carla Lipkin; Tara Coley; Frank Difei He
Subject: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #4
When: February 22, 2024 3:00 PM-5:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Virtual (WebEx link provided)

Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #4

Purpose

The Technical Advisory Committee for the Eglinton East LRT (EELRT) 10% Design and TPAP project is being re-convened. At this meeting, we will provide an overview of any refinements that occurred to the design since TAC #3 in April 2023 and review the draft impact assessment key findings including mitigation measures and commitments for future work.

Following the meeting, the EELRT project team will be distributing the Eglinton East LRT Draft Environmental Project Report to the members of the EELRT's Technical Advisory Committee. More details on timelines, review and commenting process will be provided with the distribution of the Environmental Project Report.

What you should do before the meeting

Review [EELRT project background](#), TAC #3 Meeting Minutes & Presentation (attached).

Review previously provided responses by the project team to specific formal departmental/organization comments received following TAC #3.

If you would like to revise membership for your organization or department in TAC, please email:

David Brutto David.Brutto@toronto.ca, Senior Project Manager, Transit Expansion Division, City of Toronto
Adam Saddo Adam.Saddo@toronto.ca, Project Coordinator, Transit Expansion Division, City of Toronto

Agenda

1. Welcome and Introductions
2. Project Update
3. 10% Design — Overview of Refinements
4. MX-SSE Integrated Terminals Coordination
5. Impact Assessment Key Findings
6. Next Steps

Following the meeting

- TAC members will have an opportunity to submit formal comments on the Draft EELRT Environmental Project Report. Details on timelines and the review process will be provided with the distribution of the EPR.

Meeting Link

Adam Saddo invites you to an online meeting using WebEx.

Meeting Number: 2630 544 5379

Meeting Password: qbHh2Tpbh39

To join this meeting (Now from mobile devices!)

-
1. Go to <https://toronto.webex.com/toronto/j.php?MTID=m082d51c8b4227b2bdbd49e72e7adfac9>
 2. If requested, enter your name and email address.
 3. If a password is required, enter the meeting password: qbHh2Tpbh39
 4. Click "Join".
 5. Follow the instructions that appear on your screen.

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Global call-in numbers:

<https://toronto.webex.com/toronto/globalcallin.php?MTID=m7c1433117b1f9f13a7ad4387316e4c8e>

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EELRT - Environmental Project Report Comment Tracker					* Actions:	** Status:			
Comments - Ministry of Citizenship and Multiculturalism					1 = Will comply 2 = Discuss, clarification required 3 = No new action	O = Open, not resolved P = Pending, to be confirmed C = Closed, confirmed complete			
EELRT 10% Contract Name: Design and TPAP Document Name: EELRT - Draft Environmental Project Report Transmittal Ref: T018 Distribution Date: (03-07-24) Meeting Ref: TAC Meeting #4 (C Contract Name: EELRT 10% Design and TPAP									
Item No.	Reviewer	Description	Part, Chapter, Sec, Subsec, page, DWG#	Comments (April 4, 2024)	HDR Response & Details	Action 1 / 2 / 3*	Follow-up Comment (June 24, 2024)	Status O / P / C**	Follow-up Response
Draft Environmental Project Report: Eglinton East Light Rail Transit Project									
			Table of Contents	N/A	N/A		While we failed to note this in April, we note now that the Table of Contents names Appendix F as “Cultural Environment Report”. As the “cultural environment” includes archaeological resources, which are the subject of Appendix G, we recommend that the Table of Contents use the title of the report in Appendix F, namely “Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment.”	C	Revised accordingly.
1			Throughout	In 2022, the responsibility for the administration of the Ontario Heritage Act and matters related to cultural heritage was transferred from the Ministry of Tourism, Culture and Sport (MTCS), formerly known as the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI), to the Ministry of Citizenship and Multiculturalism (MCM). The Draft EPR variously uses all three ministry names/abbreviations when referring to the provincial entity to be engaged on cultural heritage matters. These should all be changed to MCM, unless referring to interactions before 2022	All mentions of MTCS, MHSTCI have been revised to MCM in the EPR.	1	Resolved.	C	
2			4.5.1 Built Heritage Resources and Cultural Heritage Landscapes p. 182	n the first sentence of this paragraph, we suggest that “the built heritage and cultural landscape” be replaced with “cultural heritage conditions” to avoid confusion with defined terms such as those used in the subsequent sentence, as follows: <i>A cultural heritage assessment was conducted in 2023 to document cultural heritage conditions the built heritage and cultural landscape and create an inventory of the cultural heritage resources within the study area</i>	This has been revised.	1	Resolved.	C	
3			4.5.2 Archaeological Resources p. 185	The subsections of this section reproduce more information from the Stage 1 Archaeological Assessment than is necessary and recommended to include in the body of the EPR. The Existing Conditions section on archaeological resources should briefly summarize the methods and findings of the archaeological assessment; it does not need to include the historical and geological background presented in the archaeological report. We suggest deleting Sections 4.5.2.2 and 4.5.2.3, except for the findings at the end of 4.5.2.3. These could be expanded upon to include the specific findings summarized in Section 3.1 of the Stage 1 Archaeological Assessment. We suggest the following format: <i>A Stage 1 archaeological assessment was undertaken on [date] by [consultant archaeologist] for [property or study area]. A Stage 1 AA consists of a review of geographic, land use and historical information for the property and the relevant surrounding area, a property visit to inspect its current condition and contacting MCM to find out whether, or not, there are any known archaeological sites on or near the property. Its purpose is to identify areas of archaeological potential and further archaeological assessment (e.g. Stage 2-4) as necessary. The Stage 1 AA is included in Appendix X.</i> [Then include the outcomes and recommendations of the report, as presented in its Executive Summary	This section has been revised. The recommendations from the impact assessment report are addressed in the Impact Assessment section of the EPR (Chapter 5)	1	We note that Section 4.5.2 has a new format and do not have any comments or concerns. However, we note a possible editorial error affecting the meaning of the first paragraph: in the final sentence, “recommending” or a similar word is likely missing before “further archaeological assessment”.	C	Revised accordingly.
4			5.5.1 Built Heritage Resources and Cultural Heritage Landscapes p. 238	In several instances in this section, the abbreviation “CHR” is used where the intent was likely “CHL”. The proposed mitigation strategies should provide more detail about CHERs and HIAs to be completed, including the timing, authorship, and circulation for review. We offer the following sample text: <i>Should it be determined that there is no other technically feasible option than to encroach on to this property, a HIA will be undertaken by a qualified person as early as possible during detailed design, and developed in consultation with, and submitted for review to, the MCM and interested parties including the municipal heritage planner and/or municipal heritage committee and Indigenous Nations, as appropriate. A heritage permit may be required and further consultation with heritage staff at the municipality is recommended.</i> <i>As noted in the letter above, we reiterate that where potential resources are to be directly impacted, the CHER is to be completed during the TPAP phase.</i>	This has been added to the report.	1	Resolved. We observe that Section 5.5.1.1 has been added, noting the preliminary results of the CHERs. For clarity and consistency with the regulatory framework, we recommend that the second paragraph be revised as follows: (remove red) ...none of the properties along Morningside Avenue have historical, associative value, design, physical, nor contextual value are of cultural heritage value or interest (CHVI).	C	Revised accordingly.

EELRT - Environmental Project Report Comment Tracker					* Actions:		** Status:		
Comments - Ministry of Citizenship and Multiculturalism					1 = Will comply 2 = Discuss, clarification required 3 = No new action		O = Open, not resolved P = Pending, to be confirmed C = Closed, confirmed complete		
EELRT 10% Contract Name: Design and TPAP Document Name: EELRT - Draft Environmental Project Report Transmittal Ref: T018 Distribution Date: (03-07-24) Meeting Ref: TAC Meeting #4 (Contract Name: EELRT 10% Design and TPAP									
Item No.	Reviewer	Description	Part, Chapter, Sec, Subsec, page, DWG#	Comments (April 4, 2024)	HDR Response & Details	Action 1 / 2 / 3*	Follow-up Comment (June 24, 2024)	Status O / P / C**	Follow-up Response
5			5.5.2 Archaeological Resources p. 242	<p>This section should account for the possibility that the Stage 2 survey may result in the identification of archaeological sites, which would require Stage 3 and 4 assessment (site surveys and mitigation through excavation), and that of archaeological resources being discovered during construction, in spite of the completion of archaeological assessment.</p> <p>We recommend that the following paragraphs be added to the section where appropriate:</p> <p><i>The Stage 2 archaeological assessment, and any further stages of archaeological assessment recommended in the Stage 2 report, will be undertaken by an archaeologist licensed under the OHA as early as possible during the detailed design process and prior to any ground-disturbing activities.</i></p> <p><i>Should previously undocumented archaeological resources be discovered during construction, the person discovering the archaeological resources shall cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the OHA. If the discovery includes human remains, the police or coroner shall also be notified.</i></p>	This has been added to the report.	1	Resolved.	C	
6			6.4 Future Communications and Engagement	The fifth bullet in this section should be revised to reflect our comment #4 regarding Section 5.5.1, with respect to the timing of CHER and HIA completion and review.	This has been revised.	1	Resolved. However, the final sentence of the fifth bullet should be deleted, given that the CHERs for directly impacted potential resources will have been completed by the time this EPR is circulated in its final form.	C	Revised accordingly.
7			7 Permits and Approvals p. 267	We suggest renaming this section "Permits, Approvals and Legislative Requirements" to capture things such as archaeological assessment review, which is triggered by legislation but is not a permit or approval per se (see comment below re Section 7.2).	This has been revised.	1	Resolved.	C	
8			7.2 Provincial p. 268	<p>MCM does not issue "approvals" for archaeological assessments or cultural heritage reports. We recommend that a bullet with respect to archaeological assessment be worded as follows:</p> <p>• <i>Obtain letters from MCM indicating that all Archaeological Assessment reports have been entered into the Ontario Public Register of Archaeological Reports, including reports that recommend no further stages of archaeological assessment for each property.</i></p> <p>A separate bullet could be added for the circulation of CHERs and HIAs completed pursuant the Cultural Heritage Report to MCM for review and comment.</p>	This has been revised.	1	Resolved with respect to the bullet referring to archaeology. As for CHERs and HIAs, MCM does not have an "acceptance" role; we recommend this word be changed to "comment". The CHERs and HIAs should also be circulated to City of Toronto Heritage Planning, Indigenous communities and other interested parties. This commitment could be made here or in another appropriate part of the EPR. The word "archaeological" should be removed from the bullet regarding CHERs and HIAs, as further archaeological investigations are captured under the previous bullet.	C	Revised accordingly.
9			7.3 Municipal p. 269	The project may also require approvals from the City for alterations to properties designated by bylaw pursuant to Part IV of the OHA	This has been added.	1	Resolved.	C	
10			Table 8.1 Commitments to Future Work p. 270	As noted in item #1 above, references to MHSTCI should be changed to MCM. In the two Cultural Environment rows of Table 8.1, in the "Agencies to be Consulted" column, this will also mean removing duplication, as there should not be two separate ministries indicated	This has been revised.	1	Resolved.	C	
11			Table 8.1 Commitments to Future Work Row – Archaeological Resources p. 280	It is unclear why "Indigenous Nations" appears under "Agencies to be Consulted" for the Built Heritage Resources and Cultural Heritage Landscapes row but not the Archaeological Resources row, especially given that "engagement with Indigenous Nations" is mentioned under "Future Commitment" in the Archaeological Resources row. The Standards and Guidelines for Consultant Archaeologists require that Indigenous communities be engaged at Stage 3 at the latest where identified archaeological sites are associated with their cultures, and Section 6.2.3 of the draft EPR notes that the Mississaugas of the New Credit requested to be included in site work associated with the Stage 2 assessment.	This has been added to the archaeology section.	1	Resolved.	C	

EELRT - Environmental Project Report Comment Tracker					* Actions:		** Status:		
Comments - Ministry of Citizenship and Multiculturalism					1 = Will comply 2 = Discuss, clarification required 3 = No new action		O = Open, not resolved P = Pending, to be confirmed C = Closed, confirmed complete		
EELRT 10% Contract Name: Design and TPAP Document Name: EELRT - Draft Environmental Project Report Transmittal Ref: T018 Distribution Date: (03-07-24) Meeting Ref: TAC Meeting #4 (Contract Name: EELRT 10% Design and TPAP									
Item No.	Reviewer	Description	Part, Chapter, Sec, Subsec, page, DWG#	Comments (April 4, 2024)	HDR Response & Details	Action 1 / 2 / 3*	Follow-up Comment (June 24, 2024)	Status O / P / C**	Follow-up Response
12			Table 8.1 Commitments to Future Work Row – Archaeological Resources p. 280	As with Section 5.5.2 per our comment # 5, this row should note the possibility of additional stages of archaeological assessment that may be triggered by the results of the Stage 2 archaeological assessment, and the procedure in case of archaeological resources being discovered during construction. Further, while we recognize that the “Project Phase” field indicates “Preliminary and Detailed Design”, we recommend that the commitment itself note that all required stages remaining at the time of TPAP completion take place as early as possible in the detailed design process, and well in advance of ground disturbing activities.	This has been added.	1	We acknowledge that the 5th bullet has been added to address this comment. However, the combination of two separate commitments into one bullet may create a misapprehension that the completion of remaining stages of archaeological assessment is related to or contingent upon the discovery of archaeological resources during construction. We recommend that this be divided into two bullets, as follows: • Should the Stage 2 Archaeological Assessment result in a recommendation for further assessment, all required remaining stages at the time of TRPAP completion should will be completed as early as possible in the detailed design process and before any ground disturbing activities. • Should previously undocumented archaeological resources be discovered during construction, the person discovering the archaeological resources shall cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the OHA. If the discovery includes human remains, the police or coroner shall also be notified. This ordering of the bullets would reflect the chronological order of assessment and construction.	C	Revised accordingly.
Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment									
13			Table 1: Inventory of Known and Potential Built Heritage Resources and Cultural Heritage Landscapes within the Study Area p. 74	In the case of built heritage resources and cultural heritage landscapes that were identified during background research and field review, we recommend that the language of the “Description of Property and Known or Potential C.H.V.I.” be revised to refer more specifically to one or more of the CHVI criteria found in Ontario Regulation 9/06, for example noting that a resource may be a representative example of a certain style, etc	Acknowledged. The wording of the descriptions has been revised as noted.	1	Resolved.	C	
14			Table 2: Preliminary Impact Assessment and Recommended Mitigation Measures Row – B.H.R. 3 p. 100	The direct impacts noted here include the potential to impact views to and from the BHR, and the potential to impact its setting through the addition of the landscaped tree planter. Impacts to views and settings are typically assessed as indirect impacts. It is unclear why they are considered direct impacts here.	Views and change of setting are no longer identified as an adverse direct impact for this property. Given views/setting are not identified as a heritage attribute, this has been removed from the impact assessment for this property. Given a HIA is recommended regardless due to encroachment, an assessment of impacts will be adequately addressed as the design progresses.	1	Resolved.	C	
15				The Cultural Heritage Report identifies a potential built heritage resource and a potential cultural heritage landscape that will be subject to direct impacts, and therefore require a resource-specific Cultural Heritage Evaluation Report (CHER) to determine whether they are of cultural heritage value or interest (CHVI). As noted in our letter of December 12, 2022, where a known or potential built heritage resource or cultural heritage landscape may be directly and adversely impacted, and where it has not yet been evaluated for CHVI, the CHER must be completed within the TPAP. This guidance is reflected in Recommendation #3 found in Section 8.3 of the Cultural Heritage Report. As such, the drafting of the EPR should assume that these CHERs will be completed by the time the final version of the EPR is submitted	CHERs will be completed by the time the final EPR is submitted.	3		C	
Archaeological Resources									

EELRT - Environmental Project Report Comment Tracker					* Actions:		** Status:		
Comments - Ministry of Citizenship and Multiculturalism					1 = Will comply 2 = Discuss, clarification required 3 = No new action		O = Open, not resolved P = Pending, to be confirmed C = Closed, confirmed complete		
EELRT 10% Contract Name: Design and TPAP Document Name: EELRT - Draft Environmental Project Report Transmittal Ref: T018 Distribution Date: (03-07-24) Meeting Ref: TAC Meeting #4 (C Contract Name: EELRT 10% Design and TPAP									
Item No.	Reviewer	Description	Part, Chapter, Sec, Subsec, page, DWG#	Comments (April 4, 2024)	HDR Response & Details	Action 1 / 2 / 3*	Follow-up Comment (June 24, 2024)	Status O / P / C**	Follow-up Response
16				<p>Our records indicate that the Stage 1 Archaeological Assessment (under Project Information Form # P094-0367-2023, included as Appendix G of the draft EPR) has yet to be submitted by the licensed archaeologist to MCM.</p> <p>Please note that archaeological concerns have not been fully addressed until reports have been entered into the Ontario Public Register of Archaeological Reports where those reports recommend that:</p> <p>1. the archaeological assessment of the project area is complete, and</p> <p>2. all archaeological sites identified by the assessment are either of no further cultural heritage value or interest (as per Section 48(3) of the Ontario Heritage Act) or that mitigation of impacts has been accomplished through excavation or an avoidance and protection strategy.</p> <p>Proponents should wait to receive the MCM's review letter indicating that the report(s) has been entered into the Register before issuing a decision or proceeding with any ground disturbing activities.</p> <p>Proponents must follow the recommendations of the archaeological assessment report(s). MCM recommends that further stages of archaeological assessment be undertaken as early as possible in the EA or detailed design process and prior to any ground disturbing activities.</p> <p>We strongly recommend that the licensed archaeologist submit the report as soon as possible, and that its findings be considered preliminary until a final version has been entered into the Register.</p>	Comment noted.	3		C	

Nahed, Karim

From: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>
Sent: Friday, August 2, 2024 2:12 PM
To: David Brutto
Cc: Edna Cuvin; Batista, Cindy (MECP); Leblanc, Joelle (MECP); Barboza, Karla (MTCS); james.hamilton; 10325954_D_EELRT TPAP-10 Design Update; Nahed, Karim; Gan, Tyrone; Adam Saddo; Sin, Adrian
Subject: RE: Eglinton East LRT EPR and 10% Design Comment Responses - MCM [MCM File 0018367]

Some people who received this message don't often get email from dan.minkin@ontario.ca. [Learn why this is important](#)

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi David,

Thank you for sending the updated comment-response table. We look forward to reviewing the final EPR during the 30-day review period.

We'd also like to reiterate our suggestion that the project team may wish to consider having the archaeologist request an expedited review of the Stage 1 Archaeological Assessment Report, in consideration of project timelines. Our records indicate that this report is awaiting review, with a normal review priority and no expedited review request.

All the best,

Dan Minkin

Heritage Planner | Heritage Operations Branch
Ministry of Citizenship and Multiculturalism | Ontario Public Service
416-786-7553 | dan.minkin@ontario.ca



Taking pride in strengthening Ontario, its places and its people

From: David Brutto <David.Brutto@toronto.ca>
Sent: Friday, August 2, 2024 10:42 AM
To: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>
Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>; Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; Hamilton, James (MCM) <James.Hamilton@ontario.ca>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; Adam Saddo <Adam.Saddo@toronto.ca>; Sin, Adrian <Adrian.Sin@hdrinc.com>
Subject: RE: Eglinton East LRT EPR and 10% Design Comment Responses - MCM [MCM File 0018367]

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Hi Dan,

Please find attached the EELRT Project team responses to MCM comments dated June 24, 2024 (reattached here for convenience) pursuant to our May 29 draft EPR circulation.

Also, we note the Stage 1 archaeological assessment report prepared by ASI for the EELRT was submitted to MCM on July 8th and filed on July 20th, 2024.

We anticipate launching the final 30-day EPR review period this month and will provide further notice.

Should there be any further questions or need for clarifications at this time, please let me know.

Regards,

David L Brutto, MCIP, RPP, MBA
Senior Project Manager, Stations and Strategic Initiatives
Transit Expansion Division
City of Toronto
C: 437-218-6653
david.brutto@toronto.ca

From: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>

Sent: Monday, June 24, 2024 3:46 PM

To: Sin, Adrian <Adrian.Sin@hdrinc.com>

Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>; Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; Hamilton, James (MCM) <James.Hamilton@ontario.ca>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; David Brutto <David.Brutto@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>

Subject: [External Sender] RE: Eglinton East LRT EPR and 10% Design Comment Responses - MCM [MCM File 0018367]

Good afternoon,

Please see our comments attached.

Dan Minkin

Heritage Planner | Heritage Operations Branch
Ministry of Citizenship and Multiculturalism | Ontario Public Service
416-786-7553 | dan.minkin@ontario.ca



Taking pride in strengthening Ontario, its places and its people

From: Sin, Adrian <Adrian.Sin@hdrinc.com>

Sent: Wednesday, May 29, 2024 9:28 AM

To: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>; Hamilton, James (MCM) <James.Hamilton@ontario.ca>; Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>

Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; David Brutto <David.Brutto@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>

Subject: Eglinton East LRT EPR and 10% Design Comment Responses - MCM

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Hello Dan,

Nahed, Karim

From: David Brutto <David.Brutto@toronto.ca>
Sent: Friday, August 2, 2024 10:42 AM
To: Minkin, Dan (MHSTCI)
Cc: Edna Cuvin; Batista, Cindy (MECP); Leblanc, Joelle (MECP); Barboza, Karla (MTCS); james.hamilton; 10325954_D_EELRT TPAP-10 Design Update; Nahed, Karim; Gan, Tyrone; Adam Saddo; Sin, Adrian
Subject: RE: Eglinton East LRT EPR and 10% Design Comment Responses - MCM [MCM File 0018367]
Attachments: ISSUED 2024-08-02_EELRT EPR - MCM Responses.pdf; 2024-06-24_EglintonEastLRT_MCMcomments.pdf

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Dan,

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Regards,

David L Brutto, MCIP, RPP, MBA
Senior Project Manager, Stations and Strategic Initiatives
Transit Expansion Division
City of Toronto
C: 437-218-6653
david.brutto@toronto.ca

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To: Sin, Adrian <Adrian.Sin@hdrinc.com>
Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>; Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; Hamilton, James (MCM) <James.Hamilton@ontario.ca>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; David Brutto <David.Brutto@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>
Subject: [External Sender] RE: Eglinton East LRT EPR and 10% Design Comment Responses - MCM [MCM File 0018367]

Good afternoon,
Please see our comments attached.

Dan Minkin
Heritage Planner | Heritage Operations Branch





Taking pride in strengthening Ontario, its places and its people

From: Sin, Adrian <Adrian.Sin@hdrinc.com>
Sent: Wednesday, May 29, 2024 9:28 AM
To: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>; Hamilton, James (MCM) <James.Hamilton@ontario.ca>; Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>
Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; David Brutto <David.Brutto@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>
Subject: Eglinton East LRT EPR and 10% Design Comment Responses - MCM

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Hello Dan,

Thank you for your comments on the Eglinton East LRT 10% Design and Environmental Project Report. We have reviewed the comments, made revisions to the EPR, and have provided responses to your comments.

On behalf of the City of Toronto, we have attached comment responses (dated 2024-05-28)  [2024-05-28 MCM.xlsx](#), the updated EPR (dated 2024-05-28), and updated 10% design roll drawings (dated 2024-05-28)  [10% Design and EPR](#).

If you have trouble accessing the link, please let me know.

If you have any questions, please contact the David Brutto at david.brutto@toronto.ca.

Thank you,

Adrian Sin (he/him)
D 647.777.1698
adrian.sin@hdrinc.com

hdrinc.com/follow-us

 [Book time to meet with me](#)

Out-of-Office: 29-May to 04 June 2024

From: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>
Sent: Thursday, April 4, 2024 5:26 PM
To: David Brutto <David.Brutto@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>
Cc: Barboza, Karla (MTCS) <Karla.Barboza@ontario.ca>; Hamilton, James (MCM) <James.Hamilton@ontario.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>
Subject: [External Sender] RE: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #4 [MCM File 0018367]

Good afternoon,

Please see our comments attached, and let us know if you would like to discuss further. All the best,

Dan Minkin

Heritage Planner | Heritage Branch

Ministry of Citizenship and Multiculturalism | Ontario Public Service

416-786-7553 | dan.minkin@ontario.ca



Taking pride in strengthening Ontario, its places and its people

From: Minkin, Dan (MCM)

Sent: March 8, 2024 6:04 PM

To: David Brutto <David.Brutto@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>

Cc: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; Smythe, Liam (He/Him) (MCM) <Liam.Smythe@ontario.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Leblanc, Joelle (MECP) <Joelle.LebLANC@ontario.ca>

Subject: RE: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #4 [MCM File 0018367]

Hi David and Adam,

Thank you for circulating the draft EPR and appendices to us for review. I have successfully downloaded the relevant components. We will review the draft EPR body and Appendix F (draft Cultural Heritage Report) by Monday, April 8 as requested. We will reach out if we feel a meeting is necessary after our review.

I want to make sure it is clear that this circulation does not constitute submission of the archaeological reports in Appendix G for technical review, and we as heritage planners do not review archaeological reports. Review of archaeological reports is only carried out by MCM's Archaeological Program Unit pursuant to formal submission by the licensed archaeologist who authored it. Given your timelines we strongly recommend that the project's archaeologist submit the reports through their professional channels as soon as possible, and request expedited review.

Please let us know if you have any additional questions.

Dan Minkin | Heritage Planner

Ministry of Citizenship and Multiculturalism

Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit

T. 416. 786.7553 | Email: dan.minkin@ontario.ca

Effective October 17, 2022, units responsible for cultural heritage matters have been transferred from the Ministry of Tourism, Culture and Sport (MTCS) to the Ministry of Citizenship and Multiculturalism (MCM). Responsibility for the Ontario Heritage Act and associated Provincial functions is now held by MCM. Individual staff roles and contact information remain unchanged.

From: David Brutto <David.Brutto@toronto.ca>

Sent: March 8, 2024 11:19 AM

To: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>

Cc: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; Smythe, Liam (He/Him) (MCM) <Liam.Smythe@ontario.ca>; Adam Saddo <Adam.Saddo@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>

Subject: RE: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #4 [MCM File 0018367]

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

Hi Dan,

Thank you for reaching out to our team. I am following up a voicemail I recently left for you.

The City acknowledges correspondence received from MCM in December 2022 and April 2023 including preference to review draft Cultural Heritage report(s) prior to circulation to MCM of a draft EPR.

The City, considering timeline pressures and direction from City Council to advance the project, and the requirements of O.Reg. 231/08, is currently circulating a draft EPR v1 to TAC representatives and interested stakeholders for a formal 30 day review period.

The City's intention is to launch TPAP in mid-spring, subject to review of feedback received and adequate time to address concerns, including significant concerns should there be any.

My colleague Adam will be providing a circulation email with draft documentation shortly.

We would appreciate the Ministry's support and consideration and will be happy to follow up/meet with you regarding timeframes for MCM review of the draft Cultural Report, recommended CHERs currently in progress, Stage 1 AA, and Draft EPR.

Kindly,

David L. Brutto, MCIP, RPP, MBA
Senior Project Manager, Transit Expansion Division
C: 437-218-6653



From: Minkin, Dan (MCM) <Dan.Minkin@ontario.ca>

Sent: March 5, 2024 4:48 PM

To: Adam Saddo <Adam.Saddo@toronto.ca>

Cc: Barboza, Karla (She/Her) (MCM) <Karla.Barboza@ontario.ca>; Smythe, Liam (He/Him) (MCM)

<Liam.Smythe@ontario.ca>

Subject: [External Sender] RE: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #4 [MCM File 0018367]

Hi Adam, thank you for sending me the TAC meeting minutes. I was on leave at the time of the meeting, but my colleague Liam Smythe attended in my stead.

I notice there was a comment made in response to a question that the "target launch date" is in Spring 2024. Does this refer to the Notice of Commencement or to the circulation of the draft EPR before the Notice of Commencement?

To date we have not received a draft Cultural Heritage Report, and the Stage 1 Archaeological Assessment report under PIF # P094-0367-2023 has not been submitted to our Archaeology Program Unit for review. I am lead to believe that both reports have been drafted.

As noted in our letter of April 6, 2023, the Stage 1 Archaeological Assessment Report should be entered into the Ontario Public Register of Archaeological Reports before completion of the TPAP. This happens after the report has been reviewed by our ministry and revised as necessary, and review can take time. We would recommend that the consultant archaeologist in charge of this report submit it through their professional channels as soon as possible.

As also noted in the same April 6, 2023 letter, we would like to review a draft of the Cultural Heritage Report before the draft EPR is circulated. When would this be possible?

I am attaching our initial letter of December 12, 2022, with general advice on these cultural heritage technical studies.

Thanks!

Dan Minkin | Heritage Planner
Ministry of Citizenship and Multiculturalism
Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit
T. 416. 786.7553 | Email: dan.minkin@ontario.ca

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From: Adam Saddo <Adam.Saddo@toronto.ca>

Sent: March 5, 2024 2:18 PM

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Subject: RE: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #4

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

Hi all,

Thanks for the participation in the recent Technical Advisory Committee Meeting #4.
Please find the attached EELRT Technical Advisory Committee #4 Presentation and Meeting Minutes.

Thanks,

Adam Saddo

Project Coordinator

City of Toronto - Transit Expansion Division

Cell: (437-218-6157)



-----Original Appointment-----

From: Adam Saddo

Sent: January 25, 2024 8:22 PM

To: Adam Saddo; Michael Robinson (TRA); Owen McGaughey; Irem Khan; Katie Wittmann; Emily Chang; Murad Khan; Andres Jarrin; Daphne Wee; Mark Berkovitz; Zachary Brown; Khaled Chowdhury; Lukasz Pawlowski; Rebecca (Carmen) Lam; Hao Le; Jawaid Choudhary; Nazli Dehghani; Ihtesham Ahmad; Sheldon Koo; Kabir Kolawole; Roberto Ionescu; Ted Malkos; Daniel Pina; Ted Van Vliet; Sandra Diaz; Susan Andriyani; Manish Rathore; Cai De Ridder; Sin, Adrian; Grant Kauffman; Andus Chen; Meredith Vaga; Scott Penton; Julia Murnaghan; Deepak Shrestha; John Lam; Clement Shim; Eldwin Yau; Saeid Behnia; Joanna Yu; Marco Bertoia; Monirul Islam; Lawrence Shintani; Fatima Movahedinia; James Perttula; Riad Rahman; Michael Hain; Monika Nasterska; Christian Ventresca; Samuel Baron; Renrick Ashby; Jeffery Sinclair; Thomas Schwerdtfeger; Hans Riekkö; Renita D'Souza; Emilia Floro; Kristina Reinders; Corwin Cambray; Michael Seaman; Neil MacKay; Gary Miedema; Tamara Anson-Cartwright; Steve Turco; Eric Beales; Alison Torrie-Lapaire; Mark Ventresca; Lisa Carson; Matt Bentley; Vanessa Cipriani; Nick Van Veen; Scott Attwood; Kim Hussey; George Tzavaras; Rob Patton; Sean O'Connell; Tyler Grassi; Matthew Marchand; Zahid Ur Rashid; Michael Salviato; Paul Dhir; Benjamin Miller; Scott Pasternack; Vinette Prescott-Brown; Leila Valenzuela; Daniel Gagliotti; Larissa Deneau; Jeffrey (TPA) Dea; Cai De Ridder; Neil Hogan; Robert Singleton; Carlo Bonanni; Pedro Giunti; MBaumeister@createto.ca; Mehakdeep Dhillon; Chu, Eric; Yan.He@ttc.ca; Robert.Moffat@ttc.ca; Dominic.Ho@ttc.ca; Nathan Seah; Niko Barlas; Jenny Matharu; 'Meghan Meyer'; 'Michael.Tham@metrolinx.com'; Arad Mohaghegh; 'Lindsay.Lashley@metrolinx.com'; Margaret Tyska; 'Joseph.Ehrlich@metrolinx.com'; 'Adelia Yamasaki'; Nasim Bozorgmehr; Ann Marie Chung; 'Bianca.Whiffen@metrolinx.com'; Sahar Tolami; 'Shelley.Persaud@metrolinx.com'; 'Tony To'; 'Joshua.Paltoo@metrolinx.com'; 'Marco.Quattrociochi@metrolinx.com'; Ada Maciejewski; Maria Topalovic; Anna Lippa; Brian Matthews; Teik Lim; Nadine Navarro; Meaghan Mendonca; Kerrie Kerenidis; Chirag Shah; 'Chan, Stanley (MTO)'; Sit, Michael (MTO); 'Ng, Raymond (MTO)'; Singh, Christian (MTO); Ouellet, Jean-Francois (IO); Moon, Nimish (IO); Paul Leithwood; Caroline Mugo; Mark Rapus; Corey Wells; 'wesley.plant@canada.ca'; 'anjala.puvananathan@canada.ca'; 'Raul.Santos@bell.ca'; Derakhshan, Mahmoud; 'lise.chabot@ontario.ca'; 'kate.manson-smith@ontario.ca'; 'maya.harris@ontario.ca'; 'Stewart.Chisholm@ontario.ca'; 'trevor.griffin@ontario.ca'; 'Dan.L.Thompson@ontario.ca'; 'Kate.Gee@ontario.ca'; 'andrea.pastori@ontario.ca'; 'elsy.aceves@hydroone.com'; 'Laura.Dimand@HydroOne.com'; Daniel Petrozziello; 'Mohamad Hamdan'; Kourosh Khosropanah; Sam Hifawi; Tom Odell; Gan, Tyrone; Nahed, Karim; Gong, Hansen; Anhara, Mahia; 'Barboza, Karla (MCM)'; Minkin, Dan (MCM); Hatcher, Laura (MCM); 'Batista, Cindy (MECP)'; Cameron, Anne (MECP); Desautels, Solange (MECP); 'Kathleen.Oneill@ontario.ca'; Antonella Nicaso; Junaid Farooq; Justin Keke; Faisal Khan; Jackie Tam; Jacqueline Darwood; Kevin Tavares; Hyejin Jung; David Brutto; Edna Cuvin; Richard Borbridge

Cc: Alan Law; Brown, Francesca (MTO); Daniella Lettieri-Crognale; Andy Xiong; Sophia Chang; Carla Lipkin; Tara Coley; Frank Difei He

Subject: Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #4

When: February 22, 2024 3:00 PM-5:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: Virtual (WebEx link provided)

Eglinton East LRT 10% Design and TPAP Technical Advisory Committee (TAC) Meeting #4

Purpose

The Technical Advisory Committee for the Eglinton East LRT (EELRT) 10% Design and TPAP project is being re-convened. At this meeting, we will provide an overview of any refinements that occurred to the design since TAC #3 in April 2023 and review the draft impact assessment key findings including mitigation measures and commitments for future work.

Following the meeting, the EELRT project team will be distributing the Eglinton East LRT Draft Environmental Project Report to the members of the EELRT's Technical Advisory Committee. More details on timelines, review and commenting process will be provided with the distribution of the Environmental Project Report.

What you should do before the meeting

Review [EELRT project background](#), TAC #3 Meeting Minutes & Presentation (attached).

Review previously provided responses by the project team to specific formal departmental/organization comments received following TAC #3.

If you would like to revise membership for your organization or department in TAC, please email:

David Brutto David.Brutto@toronto.ca, Senior Project Manager, Transit Expansion Division, City of Toronto
Adam Saddo Adam.Saddo@toronto.ca, Project Coordinator, Transit Expansion Division, City of Toronto

Agenda

1. Welcome and Introductions
2. Project Update
3. 10% Design — Overview of Refinements
4. MX-SSE Integrated Terminals Coordination
5. Impact Assessment Key Findings
6. Next Steps

Following the meeting

- TAC members will have an opportunity to submit formal comments on the Draft EELRT Environmental Project Report. Details on timelines and the review process will be provided with the distribution of the EPR.

Meeting Link

Adam Saddo invites you to an online meeting using WebEx.

Meeting Number: 2630 544 5379

Meeting Password: qbHh2Tp bh39

To join this meeting (Now from mobile devices!)

1. Go to <https://toronto.webex.com/toronto/j.php?MTID=m082d51c8b4227b2bdbd49e72e7adf9>
2. If requested, enter your name and email address.
3. If a password is required, enter the meeting password: qbHh2Tp bh39
4. Click "Join".
5. Follow the instructions that appear on your screen.

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**Ministry of the Environment,
Conservation and Parks**

Conservation and Source
Protection Branch

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Protection de la nature et des Parcs**

Direction de la protection de la nature et
des sources

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12 April 2024

MEMORANDUM

To: Joelle Leblanc, Project Officer
Environmental Assessment Branch

From: Nigel Holgate, Program Analyst
Conservation and Source Protection Branch

Re: CSPB Comments - Eglinton East LRT: Confidential Draft
Environmental Project Report

In response to your request for review of the Draft Environmental Project Report (EPR) for the Eglinton East LRT, Conservation and Source Protection Branch (CSPB) offers the following comments.

The Eglinton East LRT study area is located in the Toronto Region Source Protection Area is therefore subject to the approved CTC Source Protection Plan. The transit project is eligible under O. Reg. 231/08 to proceed through the Transit Project Assessment Process (TPAP) instead of the full environmental assessment process through Part II of the Environmental Assessment Act.

The study area is located in the intake protection zones (IPZ) 2 and 3 for the F.J. Horgan Water System (see maps below), and the maximum vulnerability score is 4.5. It is also located in a highly vulnerable aquifer. Portions of the project also intersect with a vulnerable area known as an event-based area, which is delineated where modeling has shown that spills from fuel oil pipeline breaks could impact the quality of water at the drinking water intakes. Although the preferred alternative is located in these surface water intake protection zones, transit projects and activities associated with normal operations of the Eglinton East LRT Extension are not considered threats under the Clean Water Act.

While the normal operation phase of the project may not pose a significant threat to sources of drinking water, activities could pose a risk during the construction phase of the project. This means activities can be identified as low or moderate threats to drinking water and source protection plan policies may apply. Particular attention should be paid if the relocation of any fuel oil pipelines is necessary during construction. Activities during the construction or maintenance phases of the project that may pose a moderate or low risk to sources of drinking water include: the

storage and application of road salt; the storage of snow; the handling and storage of fuel; the handling, storage and application of pesticides and fertilizers; the handling and storage of organic solvents and dense non-aqueous phase liquids (DNAPLs).

In the Draft EPR for the Eglinton East LRT Extension, the proponent has not discussed the protection of drinking water sources. The EPR should identify that the project would be occurring within the Toronto Region Source Protection Area, and that the CTC Source Protection Plan applies. The EPR should also identify whether any policies apply to activities related to the construction, operation, or maintenance of the project. The EPR should note whether the proponent has discussed the project with the CTC Source Protection Authority.

CSPB notes that the draft EPR proposes spill prevention and response measures for fuel and chemical handling and storage, dewatering management plans, as well as mitigation of possible impacts to aquatic and terrestrial environments. These measures may also mitigate risks to sources of drinking water and should be discussed in the EPR. Where an activity poses a risk to drinking water, the proponent must document and discuss how the project adheres to, or has regard to, any applicable policies in the CTC source protection plan. The policies should be listed and include any mitigation measures that may be proposed. While the EPR identifies possible fuel and chemical activities that may occur during construction, it is missing reference to any corresponding source protection plan policies.

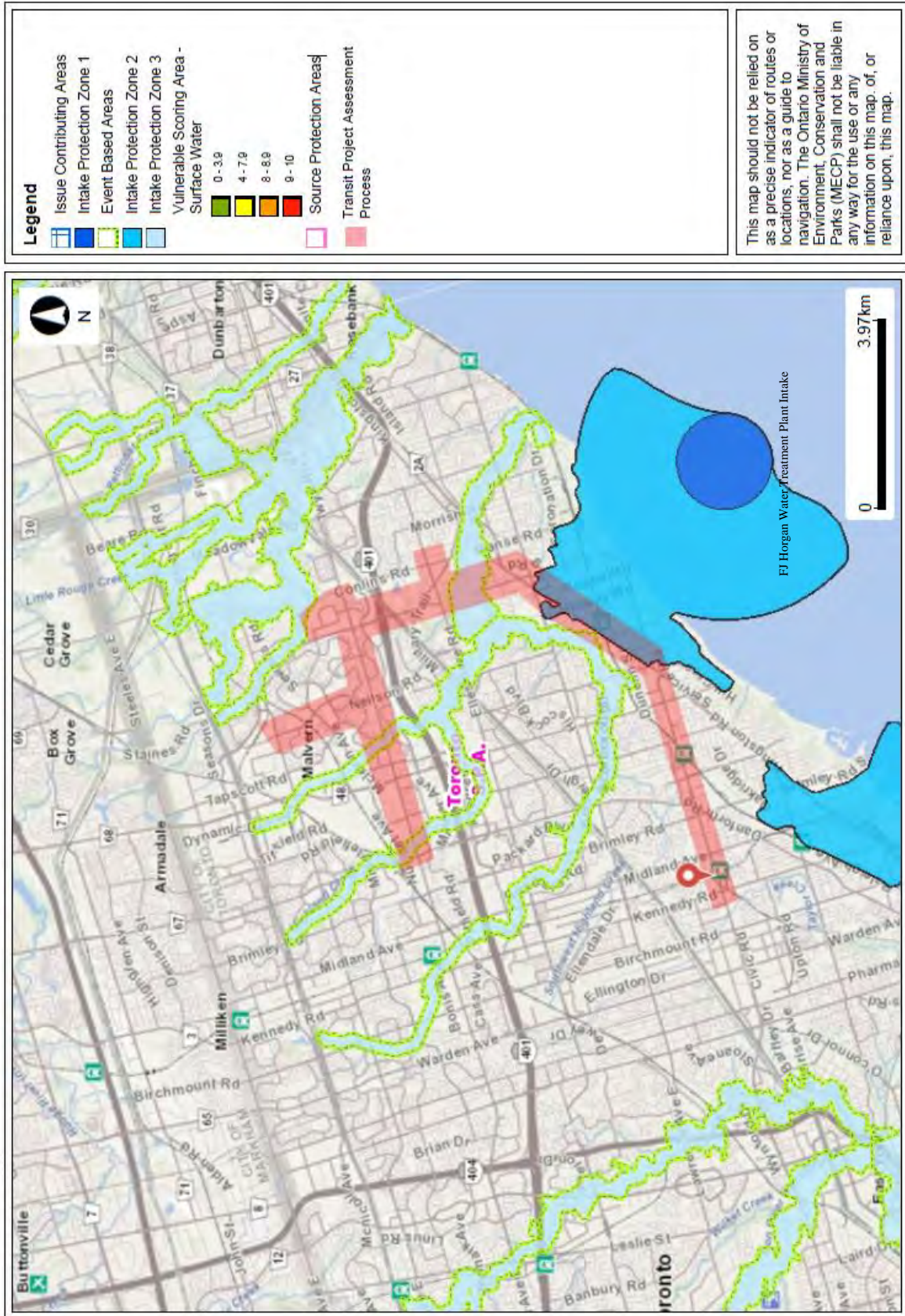
If they have not done so already, the proponent should contact the Project Manager for drinking water source protection at the CTC Source Protection Authority. The Source Protection Authority (SPA) can provide proponents with assistance in determining whether an activity associated with the construction or operation of the project may be considered a drinking water threat as per the *Clean Water Act*, 2006. The SPA will be able to help determine whether there are policies in the source protection plan that may apply. Even if the project activities in a vulnerable area are deemed to not to be significant threats to drinking water, there may be other low and moderate threat policies that apply, therefore consultation with the local source protection authority is important.

Thank you for considering the Conservation and Source Protection Branch's comments on the draft EPR for the Eglinton East LRT Extension. If you have any questions or concerns about the above information, please do not hesitate to contact myself or Jennifer McKay, Manager, Conservation and Source Protection Branch.

Nigel Holgate
Program Analyst, Conservation and Source Protection Branch
289-962-3912
sourceprotectionscreening@ontario.ca

cc: Jennifer McKay, Manager, Source Protection Section, CSPB

Eglinton East LRT - Location of TPAP, IPZ, EBA and Drinking Water Intakes



Nahed, Karim

From: David Brutto <David.Brutto@toronto.ca>
Sent: Friday, August 2, 2024 4:53 PM
To: Batista, Cindy (MECP); Leblanc, Joelle (MECP); solange.desautels
Cc: Michael Paolucci; Anna Kim; Stephanie Gris Bringas; Edna Cuvin; Gan, Tyrone; Nahed, Karim; Adam Saddo
Subject: Response to MECP Comments re: EELRT draft EPR
Attachments: RE Eglinton East LRT EPR and 10% Design Comment Responses - MECP; RE Eglinton East LRT EPR and 10% Design Comment Responses - MECP; RE Eglinton East LRT EPR and 10% Design Comment Responses - MECP; [External Sender] RE Eglinton East LRT EPR and 10% Design Comment Responses - MCM [MCM File 0018367]; RE Eglinton East LRT EPR and 10% Design Comment Responses - MCM [MCM File 0018367]; ISSUED 2024-08-02_EELRT EPR - MECP - EAPC_SAR_Toronto District Responses.pdf; ISSUED 2024-08-02_EELRT EPR - MECP - AQ Responses.pdf; ISSUED 2024-08-02_EELRT EPR - MECP - HG Responses.pdf

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Afternoon Joelle,

Please find attached the Eglinton East LRT project team responses to the following MECP section comments on the draft Environmental Project Report:

- Hydrogeology
- Central Region Drinking Water and Environmental Compliance Division (AQ)
- EAPC, Species at Risk and Toronto District's (combined spreadsheet)

The original comments and email chain correspondence from above are attached here for ease of reference.

Also, attached here for ease of reference as requested are the project team responses to MCM comments on the draft EPR, and MCM confirmation of receipt of responses. We are in the process of requesting an expedited review of the Stage 1 AA to MCM.

Finally, as requested for your review, please find a below shared link to folders containing up to date project team correspondence with Indigenous Communities in pre-planning and during the TRPAP.

☐ [Indigenous Phase 1 Preplanning May 2023 - May 14, 2024](#)

☐ [Indigenous Phase 2 TRPAP Notice of Commencement May 15, 2024](#)

In relation to the above, is important to note that, following an internal administrative review, we have received clarification that the City is not authorized to provide capacity funding or payment otherwise to Indigenous Communities to assist or facilitate their review of studies and reports related to the EELRT TRPAP, and informed Indigenous Communities where required, as such, while we have undertaken and provided *pre-assessment* documentation to Indigenous Communities, the details of which you will find within the correspondence folders.

Please let us know should you or have any questions or require any clarification; the City is planning the Notice of Completion for issuance mid-month.

Thanks,

David L Brutto, MCIP, RPP, MBA
Senior Project Manager, Stations and Strategic Initiatives
Transit Expansion Division
City of Toronto
C: 437-218-6653
david.brutto@toronto.ca

Nahed, Karim

From: Adam Saddo <Adam.Saddo@toronto.ca>
Sent: Tuesday, May 7, 2024 1:46 PM
To: Nahed, Karim; Gan, Tyrone
Cc: David Brutto
Subject: FW: Eglinton East Light Rail Transit project - Draft EPR comments

Follow Up Flag: Follow up
Flag Status: Completed

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FYI

Thanks,
Adam

From: Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>
Sent: Tuesday, May 7, 2024 11:17 AM
To: Adam Saddo <Adam.Saddo@toronto.ca>
Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>
Subject: [External Sender] RE: Eglinton East Light Rail Transit project - Draft EPR comments

Hi Adam,

Thank you for your email.

Please note that comments from the TRCA, together with ministry comments, will have to be addressed prior to posting the Notice of Completion and finalizing the Environmental Project Report for the project. In the interim, please let us know if you hear from the MNRF.

Can you please resubmit a copy of the Notice of Commencement the 2 separate days it is published, for our records?

Please let me know if you have any questions.

Thanks,

Joelle

From: Adam Saddo <Adam.Saddo@toronto.ca>
Sent: May 6, 2024 6:07 PM
To: Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>
Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP)

<Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>

Subject: RE: Eglinton East Light Rail Transit project - Draft EPR comments

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

Hi Joelle,

As requested, please find the attached TRCA correspondence with comments on the Eglinton East LRT Draft Environmental Project Report.

Also, attached is the final Notice of Commencement for your information.

Kindly note, that the project team has not received MNRF comments to date.

Thanks,

Adam Saddo

Project Coordinator

City of Toronto

Transit Expansion – Stations & Strategic Initiatives

Cell: (437-218-6157)



From: Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>

Sent: Tuesday, April 23, 2024 4:59 PM

To: Adam Saddo <Adam.Saddo@toronto.ca>

Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>

Subject: [External Sender] RE: Eglinton East Light Rail Transit project - Draft EPR comments

Good afternoon Adam,

Please find attached our memorandum, as well as the spreadsheet containing EAPC, Species at Risk and Toronto District's comments.

Friendly reminder to please send us MNRF and TRCA's comments when you receive them.

Thank you.

Regards,

Joelle

From: Adam Saddo <Adam.Saddo@toronto.ca>

Sent: April 19, 2024 3:05 PM

To: Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>

Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>

Subject: RE: Eglinton East Light Rail Transit project - Draft EPR comments

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

Hi Joelle,

Thanks for sending over comments from the MECP Conservation and Source Protection Branch, Central Region Drinking Water and Environmental Compliance Division and the Central Region Air Unit.
The project team have received the comments and have initiated review.

With respect to TRCA comments, the project team has not received comments quite yet. We are aware, and TRCA has advised that due to the Conservation Authorities Act regulation change on April 1st their comments will be delayed until early next week. Once received, we will send them over to you.
We have not received correspondence from MNRF on the draft EELRT EPR to date.

Kindly note the City is planning to launch TRAP the third week of May. We look forward to receiving comments on the draft copy of the EELRT EPR from MECP's Toronto District Office at the soonest possible opportunity. Within the next 2 weeks, we plan to send a draft of the Notice of Commencement to you for review. In addition, pending review of MECP's feedback we can look to schedule another discussion prior to TRAP launch.

Regards,

Adam Saddo

Project Coordinator

City of Toronto

Transit Expansion – Stations & Strategic Initiatives

Cell: (437-218-6157)



From: Leblanc, Joelle (MECP) <Joelle.LebLANC@ontario.ca>

Sent: April 16, 2024 1:34 PM

To: Adam Saddo <Adam.Saddo@toronto.ca>

Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>

Subject: [External Sender] Eglinton East Light Rail Transit project - Draft EPR comments

Good afternoon Adam,

For the Draft EPR, would you be able to send us a copy of the comments you have received from MNRF and TRCA?

Please see attached comments received from the ministry's technical reviewers on the draft EPR and supporting technical reports:

- Conservation and Source Protection Branch
- Central Region Drinking Water and Environmental Compliance Division
- Central Region Air unit

We will be sending you shortly a summary of my comments, Toronto District's Office and Species at Risk Branch's.

Thank you.

Regards,

Joelle



**Ministry of the
Environment,
Conservation and Parks**
Central Region
5775 Yonge Street, 8th Floor
North York ON M2M 4J1
Phone: 416.326.6700
Fax: 416.325.6345

**Ministère de l'Environnement,
de la Protection de la nature
et des Parcs**
Région du Centre
8e étage, 5775, rue Yonge
North York ON M2M 4J1
Tél : 416 326-6700
Téléc : 416 325-6345

Memorandum: *FINAL*

April 15, 2024

To: Joelle Leblanc, Coordinator, EAB

From: Charles Wakefield, P.Geo., Hydrogeologist, CRTS

Copy: Ted Belayneh, Supervisor, Central Region Technical Support

Re: City of Toronto/ TTC Hydrogeological Comments, New Transit Project Review, Eglinton East LRT

Reference:

1. City of Toronto/ TTC, Environmental Project Report, Eglinton East Light Rail Transit Project, Draft Rev01. Dated March 4, 2024.
2. Peto MacCallum Ltd., Consulting Engineers, Geotechnical Desktop Study Report, Kennedy Station to Malvern Eglinton East Light Rail Transit (EELRT) Alignment and Storage Facility, And McCowan to Neilson Alignment Along Sheppard Avenue, Toronto, Ontario. PML Ref: 23TF007. Signed and stamped by Lulseged (Lul) Yimam, PhD., P.Eng. and Geoffrey Uwimana, M.Eng., P.Eng.

Central Region Technical Support unit was asked by Environmental Approvals Branch (EAB) to provide a memorandum regarding documents providing supporting materials for the New Transit Project Review of Eglinton East LRT.

The following are comments based on hydrogeological information provided in the above noted reports. It is noted that neither of these reports appear to have discussed the hydrogeology of the proposed Eglinton East Light Rail Transit Project and as I am a hydrogeologist and not a geotechnical engineer, I am not qualified to comment on Geotechnical Issues discussed in the Peto MacCallum Ltd. Report. As a hydrogeologist working at Central Region Technical Support

of the Ministry of the Environment, Conservation and Parks I can provide the following comments:

1. The City of Toronto/ TTC should be prepared to apply for either Environmental Activity and Sector Registry (EASRs) or Permits to take Water (PTTWs) in areas where they anticipate lowering the groundwater levels to below elevations of proposed foundation footings.
2. The Peto MacCallum Ltd. (Peto) indicated there was the potential for fill to be encountered in some areas (Peto, Section 7, p.8) and this fill may be unsuitable for foundations. It should be noted that many of the ravines on Toronto were partially filled with waste historically, so these fill materials may also be unsuitable to support foundation footings.

If you have any questions about this review please contact the undersigned,

Original Signed By

Charles Wakefield, M.A.Sc., P.Geo.
Hydrogeologist, Central Region Technical Support
Ministry of the Environment, Conservation and Parks,
5775 Yonge Street, 9th Floor
North York, Ontario, M2M 4J1
Charles.Wakefield@ontario.ca
C: 416 312-2354

April 10, 2024

To: Joelle Leblanc, Project Officer

From: Central Region TSS Air Unit

**Subject: Technical Support Section Air Quality Comments
Eglinton East Light Rail Transit (EELRT)
Draft Environmental Project Report, March 4, 2024
Appendix H Air Quality Assessment Draft Report, February 13, 2024**

The following memorandum summarizes the Ministry of Environment, Conservation and Parks Central Region Technical Support Section (TSS) Air Unit's comments on Sections 4.6.1 and 5.6.1 of the *Eglinton East LRT Environmental Project Report (the EPR)*, dated March 4, 2024, and Appendix H of the EPR - *Air Quality Assessment Draft Report (the AQA Report)*, dated February 13, 2024.

The following are TSS air review comments and recommendations on the sections of the reports noted above. The proponent should update relevant sections in the EPR where appropriate when addressing these comments on Appendix H of the EPR.

1. Please identify contaminated areas along the proposed route and add a discussion in both the AQA and the EPR reports. If any contamination is present, an ambient monitoring program should be considered to address impacts at nearby receptors.
2. A few typos were noted in Table 2 of the AQA Report: The 1hr SO₂ AAQC should be 106 ug/m³ instead of 100 ug/m³; the annual SO₂ AAQC should be 10.6 ug/m³ instead of 10 ug/m³; the 1hr SO₂ CAAQS should be 65 ppb instead of 64 ppb; the 1hr Acrolein AAQC should be 4.5 ug/m³ instead of 4.4 ug/m³. Please revise accordingly.
3. Please provide supporting documentation for the traffic data used in Section 6.2 of the AQA Report.
4. The meteorological data used for the dispersion modelling from year 1996 to 2000 is outdated. Please use updated versions of the meteorological data for future assessments.

5. Please clarify in Section 7.2 of the AQA report whether welding and soldering activities are expected to take place within the Maintenance and Storage Facility, and if so, whether these activities will cause air emission concerns.

This concludes CR TSS Air Unit's comments. If you have any questions or require clarifications, please let us know.

Thank you,
Rui Zeng, Air Quality Analyst

Central Region, Technical Support Section
Ministry of the Environment, Conservation and Parks (MECP)

cc: Kristen Sones, Technical Support APEP Supervisor (A), Central Region MECP

Review Comments Spreadsheet				Ministry of the Environment, Conservation and Parks - Comments on Draft EPR dated March 4, 2024		Date: April 23, 2024
Project Name:				Eglinton East Light Rail Transit project - Draft EPR		Revised By:
Project No:						Date In:
Draft Environmental Reports						Date Out:
Item No.	Reviewer Name	Report Name	Part, Chapter, Sec, Subsec, page, DWG#	Review Comment	Response & Details (Authors -)	
1	Environmental Assessment Project Coordination Unit (EAPC) Comments	Draft EPR	S. 1.2, 1.5, 4.6.1, 4.6.2, 7	As of February 22, 2024, O. Reg 231/08 has been amended and renamed as "Transit and Rail Project Assessment Process Regulation". Please ensure that it is reflected accordingly in the final EPR.		
2	EAPC Comments	Draft EPR	S. 4.1.4.1	Please clarify/confirm that the proposed New Military Trail road will be undergoing a streamlined EA process under the Municipal Class EA process? A road project is currently subject to a municipal Class EA and not the transit project assessment process as per the Transit and Rail Project Assessment Process regulation.		
3	EAPC Comments	Natural Heritage Report and draft EPR	S. 5.5 and S. 5.4 Table 5-10 (Draft EPR)	Please explain in more detail why no impacts are anticipated to designated natural areas as a result of the proposed project.		
4	EAPC Comments	Draft EPR	S. 6.2.3	Please provide records of consultation with Indigenous communities (emails sent, letters, etc) as soon as possible, prior to issuance of the notice of completion.		
5	EAPC Comments	Draft EPR	S. 6.3.1, 6.3.2 and 6.3.3	Please ensure that these placeholders are updated		
6	EAPC Comments	Cultural Heritage Report	S. 7.0	Phase Two consultation will have a second round of public meetings in late 2023. If these meetings have occurred, it should be included in the record.		
7	Species at Risk	Natural Environment Report		The proponent may need to acquire permit(s) or some other form of permission(s) for all or part of the project components under the Endangered Species Act. MECP Permissions staff note that studies and assessments may be required to fulfill this obligation.		
8	Toronto District Office	Noise and Vibration Report		1)According to the Noise and Vibration Report (NVR), the long-term operation of the MSF will exceed the NPC-300 guideline limits. By implementing some abatement measures, they believe the NPC-300 guideline limits will be met. They have proposed two main items to implement to achieve compliance: 'resilient wheels' on the LRT trains and a 2-metre-high noise wall, located along the property line of the facility. While an acoustic barrier is a proven noise abatement measure and can be modelled easier, the report achieves NPC-300 limits with the assumption that the "resilient wheels" will provide a 10dB reduction. More information is needed on this specific abatement measure before making this assumption.		
9	Toronto District Office	Noise and Vibration Report		2)The NVR states that the impulsive noise sources associated with the MSF, such as decoupling of LRT cars, will be infrequent and have not been assessed further. Being that the MSF is a maintenance yard that will be performing maintenance activities (car decoupling, welding, hammering, etc.), potentially around the clock, impulsive noise sources should be assessed further.		
10	Toronto District Office	Noise and Vibration Report		The NVR states that emergency equipment (i.e., generators) operation could result in exceedances. While infrequent, these noise sources, and potential noise mitigation measures, should be investigated further.		
11	Toronto District Office	Noise and Vibration Report		According to modelling, the NVR states that with noise mitigation measures implemented, all receptors are within acceptable noise limits, however, 1 Antelope Dr, Alvin Curling Public School and Extencicare Rouge Valley are very close to the limits (45-49dB vs 50dB limit). There is a possibility of complaints and/or concerns coming from these receptors, especially since the facility is slated to operate 24/7. A robust compliant response procedure needs to be implemented to ensure timely response of noise complaints and potential further corrective actions and/or mitigative measures are investigated and implemented.		
12	Toronto District Office	Noise and Vibration Report		An acoustic audit should be performed when all mitigative measures are implemented to confirm dB reduction and compliance with NPC-300 limits.		
13	Toronto District Office	Drainage and Stormwater Management Report		During construction of the MSF, there should be great attention to sediment control measures to mitigate potential impacts to this watercourse.		
14	Toronto District Office	Drainage and Stormwater Management Report		There is no mention of this in the report, however there should be adequate controls installed in the proposed long-term stormwater management ponds (i.e., adequate residence time, oil/grit separation, etc.) to ensure the effluent entering the watercourse is of adequate quality.		

Item No.	Reviewer Name	Report Name	Part, Chapter, Sec, Subsec, page, DWG#	Review Comment	Response & Details (Authors -)
15	Toronto District Office	Drainage and Stormwater Management Report		For the proposed Sheppard Ave E / McCowan Terminal station (4700 Sheppard Ave East), the proposed bus terminal is adjacent to a tributary of the Highland Creek. 1)During construction, great care and monitoring of sediment run-off and impacts to connecting storm system to be taken to ensure no impacts to the creek.	
16	Toronto District Office	Drainage and Stormwater Management Report		For the proposed Sheppard Ave E / McCowan Terminal station (4700 Sheppard Ave East), the proposed bus terminal is adjacent to a tributary of the Highland Creek. 2)During long-term operation, there needs to be thought into sewage works systems that would protect the creek from increased coolant and/or fuel spills (from buses).	
17	Toronto District Office	Air Quality Report		During construction of the LRT and MSF, dust and particulate matter (PM), could result in community concern and generate complaints. 1)Section 10.8 (Complaint Procedure) should also include weather conditions, specifically wind speed and direction, when a complaint is received. This will determine the exact source of the dust and assist in determining corrective actions.	
18	Toronto District Office	Air Quality Report		2)Dust suppression (using non-chloride dust suppressants) will be essential in reducing fugitive dust during construction, especially during dry periods. It is imperative that frequency of suppression applications is increased based on the current weather conditions. Monitoring of the surface conditions should be frequent.	
19	Toronto District Office	Air Quality Report		3)At the MSF construction area, monitoring of impacts to sensitive receptors (i.e., public school, residential neighbourhood, Extencicare facility) should be continuous. Project might benefit from automatic monitoring devices for PM for these sensitive receptors, especially if construction will take place over a period.	
20	Toronto District Office	Air Quality Report		4)At the MSF construction site, leaving vegetated areas and natural shrubs/tree in areas not currently under construction would assist in reducing fugitive dust emissions.	
21	Toronto District Office	Socioeconomic and Land Use Report		While it is understood that the Highland Creek Community Secondary Plan is still being developed, it is imperative to highlight that the potential impacts from the landfill site on Morningside Avenue should be considered.	
22	Toronto District Office			Erosion and Sediment Control While it is understood that a detailed Erosion and Sediment Control Plan will be developed in later design states, it is imperative to highlight the importance to include frequent monitoring of watercourses for suspended solids during construction and long-term for the proposed stormwater management ponds and/or installed sewage works.	
23	Toronto District Office			Excess Soil Management While it is understood that a detailed Excess Soil Management Plan will be developed later, it is imperative to highlight the importance to the Ministry for the Project Constructor and Metrolinx to implement a cradle-to-grave approach and comply with O. Reg. 406/19 and other applicable regulations. 1)Plans and procedures should be implemented to ensure soil is properly tested and characterised, stockpiled on site, hauled (with licensed haulers) and disposed of at legitimate receiving sites (i.e., beneficial re-use sites and/or registered disposal sites). 2)The project should have a robust tracking system to ensure all soil leaving the site is being taken to the correct location (as described in a soil destination report). 3)Hauling of soil should be performed by vetted haulage companies. To ensure all soil is being hauled transparently, it is best to deal directly with the haulage company and not a third-party company. 4)Contingency receiving site list should be compiled in case receiving sites reach capacity and/or are no longer accepting soil. 5)Ensure the Soil Registry is kept up to date with receiving sites and soil movement.	

**Ministry of the Environment,
Conservation and Parks**

**Ministère de l'Environnement, de la
Protection de la nature et des Parcs**

Environmental Assessment Branch

Direction des évaluations
environnementales

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135 St. Clair Avenue W
Toronto ON M4V 1P5
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Rez-de-chaussée
135, avenue St. Clair Ouest
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Tél. : 416 314-8001
Téléc. : 416 314-8452

April 23, 2024

MEMORANDUM

TO: Adam Saddo
Project Coordinator
City of Toronto

FROM: Joelle Leblanc, Project Officer
Environmental Assessment Services Section
Environmental Assessment Branch

RE: Draft Environmental Project Report for the Eglinton East Light Rail Transit
Project

The ministry has completed its review of the draft Environmental Project Report (EPR) for the City of Toronto and TTC's (the proponents) Eglinton East Light Rail Transit project (the project), submitted to the ministry on March 8, 2024.

The review was carried out to determine whether the draft EPR meets the expectations set forth in the ministry's Guide: Ontario's Transit and Rail Project Assessment Process (Transit Guide) and the requirements set forth in the Transit and Rail Project Assessment Process regulation (Transit and Rail Regulation) (O.Reg.231/08).

Attached to this letter is a table with comments provided by this branch, together with comments from the ministry's technical reviewers on the following:

- Species at Risk
- Hydrogeologist / Groundwater
- Noise and Vibration
- Air Quality
- Drainage and Stormwater Management
- Socio economic and land use

- Erosion and sediment control
- Excess soil management.

Next Steps

Thank you for the opportunity to comment on the draft EPR for the Eglinton East Light Rail Transit project.

The ministry's comments should be addressed prior to submitting a final EPR to the ministry, by way of the attached comment response table, as well as additional comments from technical reviewers that were sent by email on April 16, 2024. The proponents' responses to ministry comments will also include the location of any revisions in the final EPR and/or supporting technical reports that were made to address ministry comments, where applicable.

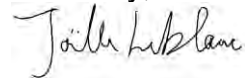
Please note that the ministry's comments (EA-related and technical), along with any comments received by other government agencies, Indigenous communities and the public should be considered by the proponents as it prepares the final EPR for submission.

Please provide to the ministry as soon as possible, comments with respect to natural and cultural heritage features provided by relevant agencies such as the local conservation authority, the Ministry of Natural Resources and Forestry and Ministry of Citizenship and Multiculturalism.

Please also advise if there have been any significant comments from any Indigenous communities on the draft EPR.

We look forward to continuing to work with you on addressing our comments identified in the draft EPR. If you have any questions, please feel free to contact me at 647-294-3963 or by email at joelle.leblanc@ontario.ca.

Sincerely,



Joëlle Leblanc

Attachments

c: Solange Desautels, Supervisor, Environmental Assessment Branch
Cindy Batista, Special Project Officer, Environmental Assessment Branch

Nahed, Karim

From: Adam Saddo <Adam.Saddo@toronto.ca>
Sent: Wednesday, May 15, 2024 8:40 PM
To: Michael Robinson (TRA); owen.mcgaughey; Irem Khan; Katie Wittmann; Emily Chang; Murad Khan; Andres Jarrin; Daphne Wee; Mark Berkovitz; Zachary Brown; Khaled Chowdhury; Lukasz Pawlowski; Rebecca (Carmen) Lam; Hao Le; Jawaid Choudhary; Nazli Dehghani; Ihtesham Ahmad; Sheldon Koo; Kabir Kolawole; Roberto Ionescu; Ted Malkos; Daniel Pina; Ted Van Vliet; Sandra Diaz; Susan Andriyani; Manish Rathore; Cai De Ridder; Sin, Adrian; Grant Kauffman; Andus Chen; Meredith Vaga; spenton; Julia Murnaghan; Deepak Shrestha; John Lam; Clement Shim; Eldwin Yau; Saeid Behnia; Joanna Yu; Marco Bertoia; Monirul Islam; Lawrence Shintani; Fatima Movahedinia; James Perttula; Liora Freedman; Greg Tokarz; Riad Rahman; Michael Hain; Monika Nasterska; Christian Ventresca; Samuel Baron; Renrick Ashby; Jeffery Sinclair; Thomas Schwerdtfeger; hans.riekko; Renita D'Souza; Emilia Floro; Kristina Reinders; Corwin Cambray; Michael Seaman; Neil MacKay; Gary Miedema; Tamara Anson-Cartwright; Steve Turco; Eric Beales; Alison Torrie-Lapaire; Mark Ventresca; lisa.carson; Matt Bentley; Vanessa Cipriani; Nick Van Veen; Scott Attwood; Kim Hussey; George Tzavaras; Rob Patton; Sean O'Connell; Tyler Grassi; Matthew Marchand; Zahid Ur Rashid; Michael Salviato; Paul Dhir; Benjamin Miller; Scott Pasternack; Vinette Prescott-Brown; Leila Valenzuela; daniel.gagliotti; Larissa Deneau; Jeffrey (TPA) Dea; Cai De Ridder; Neil Hogan; Robert Singleton; Carlo Bonanni; Pedro Giunti; Mia Baumeister; Mehakdeep Dhillon; Chu, Eric; Yan.He@ttc.ca; Robert.Moffat@ttc.ca; Ho, Dominic; Nathan Seah; Niko Barlas; Jenny Matharu; 'Meghan Meyer'; Michael Tham; Arad Mohaghegh; lindsay.lashley; Margaret Tyszk; 'Joseph.Ehrlich@metrolinx.com'; Adelia Yamasaki; Nasim.Bozorgmehr; Ann Marie Chung; 'Bianca.Whiffen@metrolinx.com'; Sahar Tolami; 'Shelley.Persaud@metrolinx.com'; Tony To; 'Joshua.Paltoo@metrolinx.com'; 'Marco.Quattrociocchi@metrolinx.com'; Ada Maciejewski; Maria Topalovic; Anna Lippa; Brian Matthews; Teik Lim; Nadine Navarro; Meaghan Mendonca; Kerrie Kerenidis; Chirag Shah; Hajjar, Alexander (MTO); Sit, Michael (MTO); Ng, Raymond (MTO); francesca.brown; Singh, Christian (MTO); Ouellet, Jean-Francois (IO); Moon, Nimish (IO); Paul Leithwood; Caroline Mugo; Mark Rapus; Corey Wells; 'wesley.plant@canada.ca'; 'anjala.puvananathan@canada.ca'; 'Raul.Santos@bell.ca'; Derakhshan, Mahmoud; 'lise.chabot@ontario.ca'; 'kate.manson-smith@ontario.ca'; 'maya.harris@ontario.ca'; 'Stewart.Chisholm@ontario.ca'; 'trevor.griffin@ontario.ca'; 'Dan.L.Thompson@ontario.ca'; 'Kate.Gee@ontario.ca'; Pastori, Andrea (TBS); 'elsy.aceves@hydroone.com'; DIMAND Laura; Daniel Petrozziello; 'Mohamad Hamdan'; Kourosh Khosropanah; Sam Hifawi; Tom Odell; Gan, Tyrone; Nahed, Karim; Gong, Hansen; Anhara, Mahia; Barboza, Karla (MTCS); Minkin, Dan (MHSTCI); Hatcher, Laura (MCM); Batista, Cindy (MECP); Cameron, Anne (MECP); solange.desautels; 'Kathleen.Oneill@ontario.ca'; Carla Lipkin; Frank Difei He; Antonella Nicaso; Junaid Farooq; Justin Keke; Faisal Khan; Jackie Tam; Jacqueline Darwood; Kevin Tavares; Hyejin Jung
Cc: David Brutto; Edna Cuvin; Richard Borbridge
Subject: Eglinton East LRT 10% Design and TRPAP Technical Advisory Committee - Notice of Commencement
Attachments: EELRT Notice of Commencement_15May2024_ISSUED.pdf

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello everyone,

The City of Toronto thanks you all for the participation in the Eglinton East LRT Technical Advisory Committee to date.

Kindly find the attached Notice of Commencement for the EELRT Transit Rail Project Assessment Process (TRPAP), which launched today, May 15, 2024.

Should there be any questions regarding the EELRT TRPAP, please reach out to Transit Expansion directly.

Regards,

Adam Saddo

Project Coordinator

City of Toronto

Transit Expansion – Stations & Strategic Initiatives

Cell: (437-218-6157)



**Ministry of the Environment,
Conservation and Parks**

Environmental Assessment
Branch

7th Floor
135 St. Clair Avenue W
Toronto ON M4V 1P5
Tel.: 416 314-8001
Fax.: 416 314-8452

**Ministère de l'Environnement, de la
Protection de la nature et des Parcs**

Direction des évaluations
environnementales

7ème étage
135, avenue St. Clair Ouest
Toronto ON M4V 1P5
Tél.: 416 314-8001
Téléc.: 416 314-8452



May 17, 2024

Adam Saddo
Project Coordinator
City of Toronto
Transit Expansion – Stations & Strategic Initiatives
Toronto City Hall - 25th fl. E. 100 Queen St. W.
Toronto ON M5H 2N2

Dear Adam Saddo:

Re: Acknowledgement – Eglinton East Light Rail Transit project - Notice of Commencement

Thank you for your email dated May 15, 2024 notifying the Ministry of the Environment, Conservation and Parks (ministry) of the Notice of Commencement for the City of Toronto/TTC's Eglinton East Light Rail Transit project. The ministry understands that this Notice of Commencement was formally published in the Toronto Sun and is available on the proponent's project webpage, thereby starting the 120-day environmental project report (EPR) development period.

In accordance with the Transit and Rail Project Assessment Process Regulation (Ontario Regulation 231/08) you are required to send the notice to Indigenous communities, assessed property owners within 30 metres of the project, and interested persons including government agencies.

Adam Saddo
Page 2.

Should you have any further questions related to the regulation and its requirements, please contact Joelle Leblanc at 647-294-3963 or by e-mail at Joelle.leblanc@ontario.ca

Sincerely,

A handwritten signature in black ink, reading "Joëlle Leblanc". The signature is written in a cursive style with a large initial "J" and a long, sweeping underline.

Joëlle Leblanc
Project Officer
Environmental Assessment Branch

C: Solange Desautels, Supervisor EAPC- Team 1
Cindy Batista, Special Project Officer EAPC- Team 1

Nahed, Karim

From: Leblanc, Joelle (MECP) <Joelle.Lebanc@ontario.ca>
Sent: Wednesday, May 29, 2024 11:44 AM
To: Sin, Adrian
Cc: Edna Cuvin; Anna Kim; solange.desautels; Stephanie Gris Bringas; Batista, Cindy (MECP); David Brutto; Adam Saddo; Nahed, Karim; Gan, Tyrone; 10325954_D_EELRT TPAP-10 Design Update
Subject: RE: Eglinton East LRT EPR and 10% Design Comment Responses - MECP

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Adrian,

Thank you for the below email.

We acknowledge the comment/response table and revised EPR, and we will distribute the documents to all of the commenting reviewers.

We will let you know if we are satisfied with the responses or whether we have additional comments to make.

Thank you.

Regards,



Joelle

From: Sin, Adrian <Adrian.Sin@hdrinc.com>
Sent: Wednesday, May 29, 2024 9:28 AM
To: Leblanc, Joelle (MECP) <Joelle.Lebanc@ontario.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>
Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Anna Kim <Anna.Kim@toronto.ca>; Stephanie Gris Bringas <Stephanie.GrisBringas@toronto.ca>; David Brutto <David.Brutto@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>
Subject: Eglinton East LRT EPR and 10% Design Comment Responses - MECP

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

Hello Joelle,

Thank you for your comments on the Eglinton East LRT 10% Design and Environmental Project Report. We have reviewed the comments, made revisions to the EPR, and have provided responses to your comments.

On behalf of the City of Toronto, we have attached comment responses (dated 2024-05-28)  [2024-05-28 MECP](#), the updated EPR (dated 2024-05-28), and updated 10% design roll drawings (dated 2024-05-28)  [10% Design and EPR](#).

If you have trouble accessing the link, please let me know.

If you have any questions, please contact the David Brutto at david.brutto@toronto.ca.

Thank you,

Adrian Sin (he/him)
D 647.777.1698
adrian.sin@hdrinc.com

hdrinc.com/follow-us



[Book time to meet with me](#)

Out-of-Office: 29-May to 04 June 2024

From: David Brutto <David.Brutto@toronto.ca>

Sent: Tuesday, May 7, 2024 6:08 PM

To: Leblanc, Joelle (MECP) <Joelle.Lebblanc@ontario.ca>; Adam Saddo <Adam.Saddo@toronto.ca>

Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; solange.desautels <Solange.Desautels@ontario.ca>; Anna Kim <Anna.Kim@toronto.ca>; Stephanie Gris Bringas <Stephanie.GrisBringas@toronto.ca>

Subject: RE: Eglinton East Light Rail Transit project - Draft EPR comments

Hi Joelle,

Our plan for publishing of the NOC is as follows:

- Full page ad/NOC In the Toronto Sun and live on the project webpage on May 15.

We also have shorter ads planned to be published May 16-17 in various (5) multicultural (printed) media that serve the Study area and broader City, and they will point to the project webpage where the full NOC can be found;

- o Caribbean Camera
- o Gujarat Abroad
- o Senthamarai
- o Ming Pao
- o Canadian Chinese Express

We will be happy to send copies of all of these ads these over to you along with any further details of our consultation/advertising/NOC distribution plan. Please let us know.

David

From: Leblanc, Joelle (MECP) <Joelle.Lebblanc@ontario.ca>

Sent: Tuesday, May 7, 2024 11:17 AM

To: Adam Saddo <Adam.Saddo@toronto.ca>

Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP)

<Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>

Subject: [External Sender] RE: Eglinton East Light Rail Transit project - Draft EPR comments

Hi Adam,

Thank you for your email.

Please note that comments from the TRCA, together with ministry comments, will have to be addressed prior to posting the Notice of Completion and finalizing the Environmental Project Report for the project. In the interim, please let us know if you hear from the MNRF.

Can you please resubmit a copy of the Notice of Commencement the 2 separate days it is published, for our records?

Please let me know if you have any questions.

Thanks,

Joelle

From: Adam Saddo <Adam.Saddo@toronto.ca>

Sent: May 6, 2024 6:07 PM

To: Leblanc, Joelle (MECP) <Joelle.LebLANC@ontario.ca>

Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>

Subject: RE: Eglinton East Light Rail Transit project - Draft EPR comments

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

Hi Joelle,

As requested, please find the attached TRCA correspondence with comments on the Eglinton East LRT Draft Environmental Project Report.

Also, attached is the final Notice of Commencement for your information.

Kindly note, that the project team has not received MNRF comments to date.

Thanks,

Adam Saddo

Project Coordinator

City of Toronto

Transit Expansion – Stations & Strategic Initiatives

Cell: (437-218-6157)



From: Leblanc, Joelle (MECP) <Joelle.LebLANC@ontario.ca>

Sent: Tuesday, April 23, 2024 4:59 PM

To: Adam Saddo <Adam.Saddo@toronto.ca>

Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP)

<Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>

Subject: [External Sender] RE: Eglinton East Light Rail Transit project - Draft EPR comments

Good afternoon Adam,

Please find attached our memorandum, as well as the spreadsheet containing EAPC, Species at Risk and Toronto District's comments.

Friendly reminder to please send us MNRF and TRCA's comments when you receive them.

Thank you.

Regards,

Joelle

From: Adam Saddo <Adam.Saddo@toronto.ca>

Sent: April 19, 2024 3:05 PM

To: Leblanc, Joelle (MECP) <Joelle.LebLANC@ontario.ca>

Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP)

<Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>

Subject: RE: Eglinton East Light Rail Transit project - Draft EPR comments

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

Hi Joelle,

Thanks for sending over comments from the MECP Conservation and Source Protection Branch, Central Region Drinking Water and Environmental Compliance Division and the Central Region Air Unit.

The project team have received the comments and have initiated review.

With respect to TRCA comments, the project team has not received comments quite yet. We are aware, and TRCA has advised that due to the Conservation Authorities Act regulation change on April 1st their comments will be delayed until early next week. Once received, we will send them over to you.

We have not received correspondence from MNRF on the draft EELRT EPR to date.

Kindly note the City is planning to launch TRAP the third week of May. We look forward to receiving comments on the draft copy of the EELRT EPR from MECP's Toronto District Office at the soonest possible opportunity. Within the next 2 weeks, we plan to send a draft of the Notice of Commencement to you for review. In addition, pending review of MECP's feedback we can look to schedule another discussion prior to TRAP launch.

Regards,

Adam Saddo

Project Coordinator

City of Toronto

Transit Expansion – Stations & Strategic Initiatives

Cell: (437-218-6157)



From: Leblanc, Joelle (MECP) <Joelle.LebLANC@ontario.ca>
Sent: April 16, 2024 1:34 PM
To: Adam Saddo <Adam.Saddo@toronto.ca>
Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>
Subject: [External Sender] Eglinton East Light Rail Transit project - Draft EPR comments

Good afternoon Adam,

For the Draft EPR, would you be able to send us a copy of the comments you have received from MNRF and TRCA?

Please see attached comments received from the ministry's technical reviewers on the draft EPR and supporting technical reports:

- Conservation and Source Protection Branch
- Central Region Drinking Water and Environmental Compliance Division
- Central Region Air unit

We will be sending you shortly a summary of my comments, Toronto District's Office and Species at Risk Branch's.

Thank you.

Regards,

Joelle

Nahed, Karim

From: Leblanc, Joelle (MECP) <Joelle.Leb Blanc@ontario.ca>
Sent: Monday, June 3, 2024 10:13 AM
To: Sin, Adrian
Cc: Edna Cuvin; Anna Kim; Stephanie Gris Bringas; Batista, Cindy (MECP); David Brutto; Adam Saddo; solange.desautels; Nahed, Karim; Gan, Tyrone; 10325954_D_EELRT TPAP-10 Design Update
Subject: RE: Eglinton East LRT EPR and 10% Design Comment Responses - MECP
Attachments: 2024-06-03 MECP EAPC - SARB Additional comment.xlsx

Follow Up Flag: Follow up
Flag Status: Flagged

WARNING: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Adrian,

Please see an additional comment below from the reviewer of the Species at Risk Branch (SARB), in response to the comment highlighted in yellow, for you consideration. This comment is included in the attached spreadsheet.

Additional comment from SARB

The document (Section 7) makes refence to contacting the Ministry of Natural Resources and Forestry for species at risk (SAR) related information. This should be corrected to MECP. If trees or buildings are to be removed or manipulated, SAR Bats should be considered.

7	Species at Risk	Natural Environment Report		The proponent may need to acquire permit(s) or some other form of permission(s) for all or part of the project components under the Endangered Species Act. MECP Permissions staff note that studies and assessments may be required to fulfill this obligation.	Comment noted. This has been included in Section 7.0 Approvals.	1	The document (Section 7) makes refence to contacting the Ministry of Natural Resources and Forestry for species at risk (SAR) related information. This should be corrected to MECP. If trees or buildings are to be removed or manipulated, SAR Bats should be considered.
---	-----------------	----------------------------	--	--	---	---	---

Thank you.



Regards,

Joelle

From: Sin, Adrian <Adrian.Sin@hdrinc.com>
Sent: Wednesday, May 29, 2024 9:28 AM
To: Leblanc, Joelle (MECP) <Joelle.Leb Blanc@ontario.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>
Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Anna Kim <Anna.Kim@toronto.ca>; Stephanie Gris Bringas <Stephanie.GrisBringas@toronto.ca>; David Brutto <David.Brutto@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>
Subject: Eglinton East LRT EPR and 10% Design Comment Responses - MECP

Hello Joelle,

Thank you for your comments on the Eglinton East LRT 10% Design and Environmental Project Report. We have reviewed the comments, made revisions to the EPR, and have provided responses to your comments.

On behalf of the City of Toronto, we have attached comment responses (dated 2024-05-28)  [2024-05-28 MECP](#), the updated EPR (dated 2024-05-28), and updated 10% design roll drawings (dated 2024-05-28)  [10% Design and EPR](#).

If you have trouble accessing the link, please let me know.
If you have any questions, please contact the David Brutto at david.brutto@toronto.ca.

Thank you,

Adrian Sin (he/him)
D 647.777.1698
adrian.sin@hdrinc.com

hdrinc.com/follow-us

 [Book time to meet with me](#)

Out-of-Office: 29-May to 04 June 2024

From: David Brutto <David.Brutto@toronto.ca>
Sent: Tuesday, May 7, 2024 6:08 PM
To: Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>; Adam Saddo <Adam.Saddo@toronto.ca>
Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; solange.desautels <Solange.Desautels@ontario.ca>; Anna Kim <Anna.Kim@toronto.ca>; Stephanie Gris Bringas <Stephanie.GrisBringas@toronto.ca>
Subject: RE: Eglinton East Light Rail Transit project - Draft EPR comments

Hi Joelle,

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- Full page ad/NOC In the Toronto Sun and live on the project webpage on May 15.

We also have shorter ads planned to be published May 16-17 in various (5) multicultural (printed) media that serve the Study area and broader City, and they will point to the project webpage where the full NOC can be found;

- o Caribbean Camera
- o Gujarat Abroad
- o Senthamarai
- o Ming Pao
- o Canadian Chinese Express

We will be happy to send copies of all of these ads these over to you along with any further details of our consultation/advertising/NOC distribution plan. Please let us know.

David

From: Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>
Sent: Tuesday, May 7, 2024 11:17 AM
To: Adam Saddo <Adam.Saddo@toronto.ca>

Nahed, Karim

From: David Brutto <David.Brutto@toronto.ca>
Sent: Monday, June 3, 2024 1:34 PM
To: Leblanc, Joelle (MECP)
Cc: solange.desautels; Batista, Cindy (MECP); Edna Cuvin; Gan, Tyrone; Nahed, Karim; Anna Kim; Stephanie Gris Bringas; Adam Saddo
Subject: RE: Eglinton East LRT 10% Design and TRPAP Technical Advisory Committee - Notice of Commencement Adam Saddo <Adam.Saddo@toronto.ca>

WARNING: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks Joelle. Acknowledging receipt.

David

From: Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>
Sent: Monday, June 3, 2024 1:26 PM
To: David Brutto <David.Brutto@toronto.ca>
Cc: Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Gan, Tyrone <tyrone.gan@hdrinc.com>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Anna Kim <Anna.Kim@toronto.ca>; Stephanie Gris Bringas <Stephanie.GrisBringas@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>
Subject: [External Sender] RE: Eglinton East LRT 10% Design and TRPAP Technical Advisory Committee - Notice of Commencement Adam Saddo <Adam.Saddo@toronto.ca>

Good afternoon David,

Slight correction to the end Date of the Notice of Completion

The 120-days period started on May 16, 2024 and will be ending **on September 12, 2024** (not September 13).

Apologies for that.

Thank you,

Joelle

From: David Brutto <David.Brutto@toronto.ca>
Sent: Friday, May 17, 2024 10:57 AM
To: Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>; Adam Saddo <Adam.Saddo@toronto.ca>
Cc: Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Gan, Tyrone <tyrone.gan@hdrinc.com>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Anna Kim <Anna.Kim@toronto.ca>; Stephanie Gris Bringas <Stephanie.GrisBringas@toronto.ca>
Subject: RE: Eglinton East LRT 10% Design and TRPAP Technical Advisory Committee - Notice of Commencement

Hi Joelle,

Thank you for sending MECP acknowledgement of the Notice of Commencement. At present time we do not have a target date for issuing the Notice of Completion, but it is likely this would not occur before August. We will update you with a targeted date for issuing the Notice of Completion as soon as we are able.

Regards,

David

From: Leblanc, Joelle (MECP) <Joelle.LebLANC@ontario.ca>
Sent: Friday, May 17, 2024 10:40 AM
To: Adam Saddo <Adam.Saddo@toronto.ca>
Cc: Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>
Subject: [External Sender] RE: Eglinton East LRT 10% Design and TRPAP Technical Advisory Committee - Notice of Commencement

Good morning Adam,

Thank you for sending us the Notice of Commencement for the EELRT Transit Rail Project Assessment Process (TRPAP), which launched on May 15, 2024.

Please see attached the Acknowledgement of Notice of Commencement. Do you intend on taking the full 120-days (starting on May 16, 2024 and ending on September 13, 2024), and do you have a targeted date for issuing the Notice of Completion?

Let us know if you have any questions.

Thank you.

Regards,

Joelle

From: Adam Saddo <Adam.Saddo@toronto.ca>
Sent: Wednesday, May 15, 2024 8:40 PM
To: Michael Robinson (TRA) <Michael.Robinson9@toronto.ca>; Owen McGaughey <Owen.McGaughey@toronto.ca>; Irem Khan <Irem.Khan@toronto.ca>; Katie Wittmann <Katie.Wittmann@toronto.ca>; Emily Chang <Emily.Chang@toronto.ca>; Murad Khan <Murad.Khan@toronto.ca>; Andres Jarrin <Andres.Jarrin@toronto.ca>; Daphne Wee <Daphne.We@toronto.ca>; Mark Berkovitz <mark.berkovitz@toronto.ca>; Zachary Brown <Zachary.Brown@toronto.ca>; Khaled Chowdhury <Khaled.Chowdhury@toronto.ca>; Lukasz Pawlowski <Lukasz.Pawlowski@toronto.ca>; Rebecca (Carmen) Lam <Rebecca.Lam@toronto.ca>; Hao Le <Hao.Le@toronto.ca>; Jawaid Choudhary <Jawaid.Choudhary@toronto.ca>; Nazli Dehghani <Nazli.DEHGhani@toronto.ca>; Ihtesham Ahmad <Ihtesham.Ahmad@toronto.ca>; Sheldon Koo <Sheldon.Koo@toronto.ca>; Kabir Kolawole <Kabir.Kolawole@toronto.ca>; Roberto Ionescu <Roberto.Ionescu@toronto.ca>; Ted Malkos <Ted.Malkos@toronto.ca>; Daniel Pina <Daniel.Pina@trca.ca>; Ted Van Vliet <Ted.VanVliet@toronto.ca>; Sandra Diaz <Sandra.Diaz@toronto.ca>; Susan Andriyani <Susan.Andriyani@toronto.ca>; Manish Rathore <MRATHORE@TorontoHydro.com>; Cai De Ridder

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Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Richard Borbridge <Richard.Borbridge@toronto.ca>

Subject: Eglinton East LRT 10% Design and TRPAP Technical Advisory Committee - Notice of Commencement

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

Hello everyone,

The City of Toronto thanks you all for the participation in the Eglinton East LRT Technical Advisory Committee to date.

Kindly find the attached Notice of Commencement for the EELRT Transit Rail Project Assessment Process (TRPAP), which launched today, May 15, 2024.

Should there be any questions regarding the EELRT TRPAP, please reach out to Transit Expansion directly.

Regards,

Adam Saddo

Project Coordinator

City of Toronto

Transit Expansion – Stations & Strategic Initiatives

Cell: (437-218-6157)



Nahed, Karim

From: Leblanc, Joelle (MECP) <Joelle.Lebanc@ontario.ca>
Sent: Tuesday, June 4, 2024 10:19 AM
To: Sin, Adrian
Cc: Edna Cuvin; Anna Kim; Stephanie Gris Bringas; Batista, Cindy (MECP); David Brutto; Adam Saddo; solange.desautels; Nahed, Karim; Gan, Tyrone; 10325954_D_EELRT TPAP-10 Design Update
Subject: RE: Eglinton East LRT EPR and 10% Design Comment Responses - MECP
Attachments: 2024-05-28 MECP TSS_TSS Response_June4 2024 (003).xlsx

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Good morning Adrian,

Please see follow-up comments in the attached spreadsheet from the reviewer of Central Region Drinking Water and Environmental Compliance Division (Technical Support Section) in response to the comments you provided (especially item #4 highlighted in yellow below), for your consideration.

4	Rui Zeng, Air Quality Analyst		Air Quality Draft Assessment Report (Appendix H)	The meteorological data used for the dispersion modelling from year 1996 to 2000 is outdated. Please use updated versions of the meteorological data for future assessments.	MECP pre-processed data for the observation period of 1996-2000 was used in the assessment, as acceptable for permitting in Ontario and prescribed in O.Reg. 419/05.	3	Yes, the Regional meteorological data set is acceptable for air permitting purposes when assessing the maximum point of impingement. However, the Regional meteorological data set is not appropriate when assessing impacts at specific locations, such as sensitive receptors. For this reason, the ministry recommends to use a meteorological dataset from the nearest meteorological station(s) for the most recent five years for future assessments as noted in the Environmental Guide for Assessing and Mitigating the Air Quality Impacts and Greenhouse Gas Emissions of Provincial Transportation Projects (MTO, May 2020).
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Thank you.



Regards,

Joelle

From: Sin, Adrian <Adrian.Sin@hdrinc.com>
Sent: Wednesday, May 29, 2024 9:28 AM
To: Leblanc, Joelle (MECP) <Joelle.Lebanc@ontario.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>
Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Anna Kim <Anna.Kim@toronto.ca>; Stephanie Gris Bringas <Stephanie.GrisBringas@toronto.ca>; David Brutto <David.Brutto@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>
Subject: Eglinton East LRT EPR and 10% Design Comment Responses - MECP

Hello Joelle,

Thank you for your comments on the Eglinton East LRT 10% Design and Environmental Project Report. We have reviewed the comments, made revisions to the EPR, and have provided responses to your comments.

On behalf of the City of Toronto, we have attached comment responses (dated 2024-05-28)  [2024-05-28 MECP](#), the updated EPR (dated 2024-05-28), and updated 10% design roll drawings (dated 2024-05-28)  [10% Design and EPR](#).

If you have trouble accessing the link, please let me know.
If you have any questions, please contact the David Brutto at david.brutto@toronto.ca.

Thank you,

Adrian Sin (he/him)
D 647.777.1698
adrian.sin@hdrinc.com

hdrinc.com/follow-us

 [Book time to meet with me](#)

Out-of-Office: 29-May to 04 June 2024

From: David Brutto <David.Brutto@toronto.ca>
Sent: Tuesday, May 7, 2024 6:08 PM
To: Leblanc, Joelle (MECP) <Joelle.LebLANC@ontario.ca>; Adam Saddo <Adam.Saddo@toronto.ca>
Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; solange.desautels <Solange.Desautels@ontario.ca>; Anna Kim <Anna.Kim@toronto.ca>; Stephanie Gris Bringas <Stephanie.GrisBringas@toronto.ca>
Subject: RE: Eglinton East Light Rail Transit project - Draft EPR comments

Hi Joelle,

Our plan for publishing of the NOC is as follows:

- Full page ad/NOC In the Toronto Sun and live on the project webpage on May 15.

We also have shorter ads planned to be published May 16-17 in various (5) multicultural (printed) media that serve the Study area and broader City, and they will point to the project webpage where the full NOC can be found;

- o Caribbean Camera
- o Gujarat Abroad
- o Senthamarai
- o Ming Pao
- o Canadian Chinese Express

We will be happy to send copies of all of these ads these over to you along with any further details of our consultation/advertising/NOC distribution plan. Please let us know.

David

From: Leblanc, Joelle (MECP) <Joelle.LebLANC@ontario.ca>
Sent: Tuesday, May 7, 2024 11:17 AM
To: Adam Saddo <Adam.Saddo@toronto.ca>

Nahed, Karim

From: Leblanc, Joelle (MECP) <Joelle.LebLANC@ontario.ca>
Sent: Tuesday, June 11, 2024 4:16 PM
To: Sin, Adrian
Cc: Edna Cuvin; Anna Kim; Stephanie Gris Bringas; Batista, Cindy (MECP); David Brutto; Adam Saddo; solange.desautels; Nahed, Karim; Gan, Tyrone; 10325954_D_EELRT TPAP-10 Design Update
Subject: RE: Eglinton East LRT EPR and 10% Design Comment Responses - MECP
Attachments: Copy of 2024-06-11 MECP EAPC - TDO.xlsx

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Hi Adrian,

Please see follow-up/additional comments in the attached spreadsheet (and below) from the reviewers of the Toronto District Office in response to the comments you provided to items 8, 11 and 16, for your consideration, following the review of the updated EPR.

8	Toronto District Office	Noise and Vibration Report		<p>1) According to the Noise and Vibration Report (NVR), the long-term operation of the MSF will exceed the NPC-300 guideline limits. By implementing some abatement measures, they believe the NPC-300 guideline limits will be met. They have proposed two main items to implement to achieve compliance: 'resilient wheels' on the LRT trains and a 2-metre-high noise wall, located along the property line of the facility. While an acoustic barrier is a proven noise abatement measure and can be modelled easier, the report achieves NPC-300 limits with the assumption that the "resilient wheels" will provide a 10dB reduction.</p> <p>More information is needed on this specific abatement measure before making this assumption.</p>	<p>This is a common mitigation measure for LRT trains. Refer to U.S. Federal Transit Administration / Transportation Research Board "TCRP Report 23" wheel Rail Noise Control Manual", 1997 (https://onlinepubs.trb.org/onlinepubs/tcrp/tcrp_rpt_23.pdf). It was noted in the EPR.</p>	3	<p>The district is concerned that there is not enough information provided to be able to rely on "resilient wheels" as a mitigation measure that can achieve compliance. More specifically:</p> <p>- Which type of resilient wheels are planned to be used?</p> <p>- Are the planned wheels suitable for the speeds and frequency of use intended?</p> <p>- Are there measures in place to ensure that only these wheels are used and maintained if they are being relied on as a noise abatement measure?</p>
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11	Toronto District Office	Noise and Vibration Report		<p>According to modelling, the NVR states that with noise mitigation measures implemented, all receptors are within acceptable noise limits, however, 1 Antelope Dr, Alvin Curling Public School and Extendicare Rouge Valley are very close to the limits (45-49dB vs 50dB limit). There is a possibility of complaints and/or concerns coming from these receptors, especially since the facility is slated to operate 24/7.</p> <p>A robust compliant response procedure needs to be implemented to ensure timely response of noise complaints and potential further corrective actions and/or mitigative measures are investigated and implemented.</p>	<p>The noise guideline limits have been chosen by the MECP in their guidelines to minimize the potential for complaints. As the noise guidelines are met, complaints are unlikely. Regardless, complaints reporting and management procedures can be developed as the project proceeds. The MSF and other project components such as traction power substations will require MECP Environmental Activity and Sector Registry (EASR) registrations.</p>	3	<p>A robust noise complaint procedure should be a commitment – this comment was only acknowledged.</p>
16	Toronto District Office	Drainage and Stormwater Management Report		<p>For the proposed Sheppard Ave E / McCowan Terminal station (4700 Sheppard Ave East), the proposed bus terminal is adjacent to a tributary of the Highland Creek.</p> <p>2) During long-term operation, there needs to be thought into sewage works systems that would protect the creek from increased coolant and/or fuel spills (from buses).</p>	<p>Acknowledged.</p>	3	<p>The incorporation of measures to protect the tributary and creek from spills and impacts should be included in the planning at this stage – not only acknowledged.</p>

Thank you.

Regards,

Joelle

From: Sin, Adrian <Adrian.Sin@hdrinc.com>
Sent: Wednesday, May 29, 2024 9:28 AM
To: Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>
Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Anna Kim <Anna.Kim@toronto.ca>; Stephanie Gris Bringas <Stephanie.GrisBringas@toronto.ca>; David Brutto <David.Brutto@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>
Subject: Eglinton East LRT EPR and 10% Design Comment Responses - MECP

Nahed, Karim

From: Sin, Adrian
Sent: Friday, June 14, 2024 12:41 PM
To: Leblanc, Joelle (MECP)
Cc: Edna Cuvin; Anna Kim; Stephanie Gris Bringas; Batista, Cindy (MECP); David Brutto; Adam Saddo; solange.desautels; Nahed, Karim; Gan, Tyrone; 10325954_D_EELRT TPAP-10 Design Update
Subject: RE: Eglinton East LRT EPR and 10% Design Comment Responses - MECP

Thank you Joelle!

Received!

Adrian Sin (he/him)
D 647.777.1698
adrian.sin@hdrinc.com

hdrinc.com/follow-us



[Book time to meet with me](#)

From: Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>
Sent: Friday, June 14, 2024 12:07 PM
To: Sin, Adrian <Adrian.Sin@hdrinc.com>
Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Anna Kim <Anna.Kim@toronto.ca>; Stephanie Gris Bringas <Stephanie.GrisBringas@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; David Brutto <David.Brutto@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>; solange.desautels <Solange.Desautels@ontario.ca>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>
Subject: RE: Eglinton East LRT EPR and 10% Design Comment Responses - MECP

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Adrian,

Per attached, the reviewer (Hydrogeologist) from Central Region Technical Support states that the responses provided were addressing the Ground Water Unit's comments.

Also, the reviewer from the Conservation and Source Protection Branch states that following the review of the revised EPR, the comments have been properly addressed in the Source Protection Section (5.8) and with mitigation measures outlined in Table 5-13.

Thank you.

Regards,

Joelle

From: Sin, Adrian <Adrian.Sin@hdrinc.com>

Sent: Wednesday, May 29, 2024 9:28 AM

To: Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>

Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Anna Kim <Anna.Kim@toronto.ca>; Stephanie Gris Bringas

<Stephanie.GrisBringas@toronto.ca>; David Brutto <David.Brutto@toronto.ca>; Adam Saddo

<Adam.Saddo@toronto.ca>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>;



10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>

Subject: Eglinton East LRT EPR and 10% Design Comment Responses - MECP

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

Hello Joelle,

Thank you for your comments on the Eglinton East LRT 10% Design and Environmental Project Report. We have reviewed the comments, made revisions to the EPR, and have provided responses to your comments.

On behalf of the City of Toronto, we have attached comment responses (dated 2024-05-28)  [2024-05-28 MECP](#), the updated EPR (dated 2024-05-28), and updated 10% design roll drawings (dated 2024-05-28)  [10% Design and EPR](#).

If you have trouble accessing the link, please let me know.

If you have any questions, please contact the David Brutto at david.brutto@toronto.ca.

Thank you,

Adrian Sin (he/him)

D 647.777.1698

adrian.sin@hdrinc.com

hdrinc.com/follow-us



[Book time to meet with me](#)

Out-of-Office: 29-May to 04 June 2024

From: David Brutto <David.Brutto@toronto.ca>

Sent: Tuesday, May 7, 2024 6:08 PM

To: Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>; Adam Saddo <Adam.Saddo@toronto.ca>

Cc: Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; solange.desautels

<Solange.Desautels@ontario.ca>; Anna Kim <Anna.Kim@toronto.ca>; Stephanie Gris Bringas

<Stephanie.GrisBringas@toronto.ca>

Subject: RE: Eglinton East Light Rail Transit project - Draft EPR comments

Hi Joelle,

Our plan for publishing of the NOC is as follows:

- Full page ad/NOC In the Toronto Sun and live on the project webpage on May 15.

We also have shorter ads planned to be published May 16-17 in various (5) multicultural (printed) media that serve the Study area and broader City, and they will point to the project webpage where the full NOC can be found;

- Caribbean Camera
- Gujarat Abroad
- Senthamarai
- Ming Pao
- Canadian Chinese Express

We will be happy to send copies of all of these ads these over to you along with any further details of our consultation/advertising/NOC distribution plan. Please let us know.

David

From: Leblanc, Joelle (MECP) <Joelle.Lebblanc@ontario.ca>
Sent: Tuesday, May 7, 2024 11:17 AM
To: Adam Saddo <Adam.Saddo@toronto.ca>
Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>
Subject: [External Sender] RE: Eglinton East Light Rail Transit project - Draft EPR comments

Hi Adam,

Thank you for your email.

Please note that comments from the TRCA, together with ministry comments, will have to be addressed prior to posting the Notice of Completion and finalizing the Environmental Project Report for the project. In the interim, please let us know if you hear from the MNRF.

Can you please resubmit a copy of the Notice of Commencement the 2 separate days it is published, for our records?

Please let me know if you have any questions.

Thanks,

Joelle

From: Adam Saddo <Adam.Saddo@toronto.ca>
Sent: May 6, 2024 6:07 PM
To: Leblanc, Joelle (MECP) <Joelle.Lebblanc@ontario.ca>
Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>
Subject: RE: Eglinton East Light Rail Transit project - Draft EPR comments

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

Hi Joelle,

As requested, please find the attached TRCA correspondence with comments on the Eglinton East LRT Draft Environmental Project Report.

Also, attached is the final Notice of Commencement for your information.

Kindly note, that the project team has not received MNRF comments to date.

Thanks,

Adam Saddo

Project Coordinator

City of Toronto

Transit Expansion – Stations & Strategic Initiatives

Cell: (437-218-6157)



From: Leblanc, Joelle (MECP) <Joelle.LebLANC@ontario.ca>

Sent: Tuesday, April 23, 2024 4:59 PM

To: Adam Saddo <Adam.Saddo@toronto.ca>

Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>

Subject: [External Sender] RE: Eglinton East Light Rail Transit project - Draft EPR comments

Good afternoon Adam,

Please find attached our memorandum, as well as the spreadsheet containing EAPC, Species at Risk and Toronto District's comments.

Friendly reminder to please send us MNRF and TRCA's comments when you receive them.

Thank you.

Regards,

Joelle

From: Adam Saddo <Adam.Saddo@toronto.ca>

Sent: April 19, 2024 3:05 PM

To: Leblanc, Joelle (MECP) <Joelle.LebLANC@ontario.ca>

Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>

Subject: RE: Eglinton East Light Rail Transit project - Draft EPR comments

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

Hi Joelle,

Thanks for sending over comments from the MECP Conservation and Source Protection Branch, Central Region Drinking Water and Environmental Compliance Division and the Central Region Air Unit.

The project team have received the comments and have initiated review.

With respect to TRCA comments, the project team has not received comments quite yet. We are aware, and TRCA has advised that due to the Conservation Authorities Act regulation change on April 1st their comments will be delayed until early next week. Once received, we will send them over to you.
We have not received correspondence from MNRF on the draft EELRT EPR to date.

Kindly note the City is planning to launch TRAP the third week of May. We look forward to receiving comments on the draft copy of the EELRT EPR from MECP's Toronto District Office at the soonest possible opportunity. Within the next 2 weeks, we plan to send a draft of the Notice of Commencement to you for review. In addition, pending review of MECP's feedback we can look to schedule another discussion prior to TRAP launch.

Regards,

Adam Saddo

Project Coordinator

City of Toronto

Transit Expansion – Stations & Strategic Initiatives

Cell: (437-218-6157)



From: Leblanc, Joelle (MECP) <Joelle.LebLANC@ontario.ca>

Sent: April 16, 2024 1:34 PM

To: Adam Saddo <Adam.Saddo@toronto.ca>

Cc: David Brutto <David.Brutto@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>

Subject: [External Sender] Eglinton East Light Rail Transit project - Draft EPR comments

Good afternoon Adam,

For the Draft EPR, would you be able to send us a copy of the comments you have received from MNRF and TRCA?

Please see attached comments received from the ministry's technical reviewers on the draft EPR and supporting technical reports:

- Conservation and Source Protection Branch
- Central Region Drinking Water and Environmental Compliance Division
- Central Region Air unit

We will be sending you shortly a summary of my comments, Toronto District's Office and Species at Risk Branch's.

Thank you.

Regards,

Nahed, Karim

From: David Brutto <David.Brutto@toronto.ca>
Sent: Tuesday, August 6, 2024 1:34 PM
To: Leblanc, Joelle (MECP)
Cc: Michael Paolucci; Anna Kim; Stephanie Gris Bringas; Batista, Cindy (MECP); Edna Cuvin; Gan, Tyrone; Nahed, Karim; Adam Saddo; solange.desautels
Subject: RE: Response to MECP Comments re: EELRT draft EPR

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Joelle,

Confirming the updates highlighted below have been made in the final EPR.

David

From: Leblanc, Joelle (MECP) <Joelle.Lebanc@ontario.ca>
Sent: Tuesday, August 6, 2024 1:29 PM
To: David Brutto <David.Brutto@toronto.ca>
Cc: Michael Paolucci <Michael.Paolucci@toronto.ca>; Anna Kim <Anna.Kim@toronto.ca>; Stephanie Gris Bringas <Stephanie.GrisBringas@toronto.ca>; Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Gan, Tyrone <tyrone.gan@hdrinc.com>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Adam Saddo <Adam.Saddo@toronto.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>
Subject: [External Sender] RE: Response to MECP Comments re: EELRT draft EPR

Hello David,

For the **highlighted** comments to the 3 items below, can you please confirm if the updates/revisions were made to the **final** EPR (and not the latest revised draft EPR), as some reviewers couldn't find the updates in the latest revised draft EPR?

Thank you.

Regards,

Joelle

			(Appendix H)						
4	Rui Zeng, Air Quality Analyst		Air Quality Draft Assessment Report (Appendix H)	The meteorological data used for the dispersion modelling from year 1996 to 2000 is outdated. Please use updated versions of the meteorological data for future assessments.	MECP pre-processed data for the observation period of 1996-2000 was used in the assessment, as acceptable for permitting in Ontario and prescribed in O.Reg. 419/05.	3	Yes, the Regional meteorological data set is acceptable for air permitting purposes when assessing the maximum point of impingement. However, the Regional meteorological data set is not appropriate when assessing impacts at specific locations, such as sensitive receptors. For this reason, the ministry recommends to use a meteorological dataset from the nearest meteorological station(s) for the most recent five years for future assessments as noted in the Environmental Guide for Assessing and Mitigating the Air Quality Impacts and Greenhouse Gas Emissions of Provincial Transportation Projects (MTO, May 2020).	C	This comment is acknowledged and will be incorporated in future phases of work. A future commitment has been included in the EPR to use a meteorological dataset from the nearest meteorological station(s) for the most recent five years for future assessments as noted in the Environmental Guide for Assessing and Mitigating the Air Quality Impacts and Greenhouse Gas Emissions of Provincial Transportation Projects (MTO, May 2020).

7	Species at Risk	Natural Environment Report		The proponent may need to acquire permit(s) or some other form of permission(s) for all or part of the project components under the Endangered Species Act. MECP Permissions staff note that studies and assessments may be required to fulfill this obligation.	Comment noted. This has been included in Section 7.0 Approvals.	1	The document (Section 7) makes reference to contacting the Ministry of Natural Resources and Forestry for species at risk (SAR) related information. This should be corrected to MECP. If trees or buildings are to be removed or manipulated, SAR Bats should be considered.	C	This has been revised in the EPR.
11	Toronto District Office	Noise and Vibration Report		According to modelling, the NVR states that with noise mitigation measures implemented, all receptors are within acceptable noise limits, however, 1 Antelope Dr, Alvin Curling Public School and Extensicare Rouge Valley are very close to the limits (45-49dB vs 50dB limit). There is a possibility of complaints and/or concerns coming from these receptors, especially since the facility is slated to operate 24/7. A robust compliant response procedure needs to be implemented to ensure timely response of noise complaints and potential further corrective actions and/or mitigative measures are investigated and implemented.	The noise guideline limits have been chosen by the MECP in their guidelines to minimize the potential for complaints. As the noise guidelines are met, complaints are unlikely. Regardless, complaints reporting and management procedures can be developed as the project proceeds. The MSF and other project components such as traction power substations will require MECP Environmental Activity and Sector Registry (EASR) registrations.	3	A robust noise complaint procedure should be a commitment – this comment was only acknowledged.	C	This has now been noted in the EPR.

From: David Brutto <David.Brutto@toronto.ca>
Sent: Friday, August 2, 2024 4:53 PM
To: Batista, Cindy (MECP) <Cindy.Batista@ontario.ca>; Leblanc, Joelle (MECP) <Joelle.Leblanc@ontario.ca>; Desautels, Solange (MECP) <Solange.Desautels@ontario.ca>
Cc: Michael Paolucci <Michael.Paolucci@toronto.ca>; Anna Kim <Anna.Kim@toronto.ca>; Stephanie Gris Bringas <Stephanie.GrisBringas@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Gan, Tyrone <tyrone.gan@hdrinc.com>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Adam Saddo <Adam.Saddo@toronto.ca>
Subject: Response to MECP Comments re: EELRT draft EPR

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

Good Afternoon Joelle,



Please find attached the Eglinton East LRT project team responses to the following MECP section comments on the draft Environmental Project Report:

- Hydrogeology
- Central Region Drinking Water and Environmental Compliance Division (AQ)
- EAPC, Species at Risk and Toronto District's (combined spreadsheet)

The original comments and email chain correspondence from above are attached here for ease of reference.

Also, attached here for ease of reference as requested are the project team responses to MCM comments on the draft EPR, and MCM confirmation of receipt of responses. We are in the process of requesting an expedited review of the Stage 1 AA to MCM.

Finally, as requested for your review, please find a below shared link to folders containing up to date project team correspondence with Indigenous Communities in pre-planning and during the TRPAP.

-  [Indigenous Phase 1 Preplanning May 2023 - May 14, 2024](#)
-  [Indigenous Phase 2 TRPAP Notice of Commencement May 15, 2024](#)

In relation to the above, is important to note that, following an internal administrative review, we have received clarification that the City is not authorized to provide capacity funding or payment otherwise to Indigenous Communities to assist or facilitate their review of studies and reports related to the EELRT TRPAP, and informed Indigenous Communities where required, as such, while we have undertaken and provided *pre-assessment* documentation to Indigenous Communities, the details of which you will find within the correspondence folders.

Please let us know should you or have any questions or require any clarification; the City is planning the Notice of Completion for issuance mid-month.

Thanks,

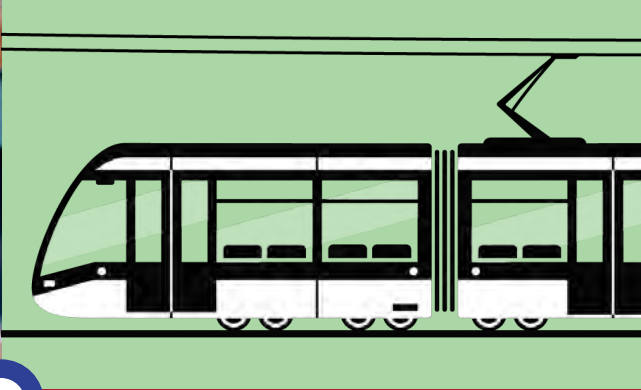
David L Brutto, MCIP, RPP, MBA
Senior Project Manager, Stations and Strategic Initiatives
Transit Expansion Division
City of Toronto
C: 437-218-6653
david.brutto@toronto.ca

CTC Source Protection – Meeting Minutes

Project:	Eglinton East LRT 10% Design and TPAP	
Subject:	CTC Source Protection Meeting	
Date:	Thursday, June 13, 2024	
Location:	Microsoft Teams	
Attendance:	City of Toronto – Transit Expansion Edna Cuvin, EELRT Program Director Adam Saddo, Project Coordinator TRCA/TRSPA/CTC Don Ford	HDR Karim Nahed Adrian Sin

	Topic	Action By
1	Introduction	N/A
2	Existing Source Protection Features	N/A
3	Potential Threats, Applicable Policies, and Mitigation Measures CTC confirmed: <ul style="list-style-type: none"> • CTC policies affect only land-use and municipal wells. • CTC policies that apply to Toronto are the modelled threats for Lake Ontario. None of the modelled threats apply to LRT. • Only non-binding policies are applicable to LRT, due to low threat to drinking water supply. • The policies listed in the EPR cover the necessary source water protection for the project. 	N/A
4	Discussion and Next Steps <ul style="list-style-type: none"> • Don Ford is a senior hydrogeologist overseeing the EELRT area for Source Water Protection and will remain a key point of contact for any future inquiries, should they arise. 	N/A

If there are any errors or omissions, please advise Edna Cuvin (edna.cuvin@toronto.ca) within ten business days of the issuance of these notes. Minutes prepared by Adrian Sin.



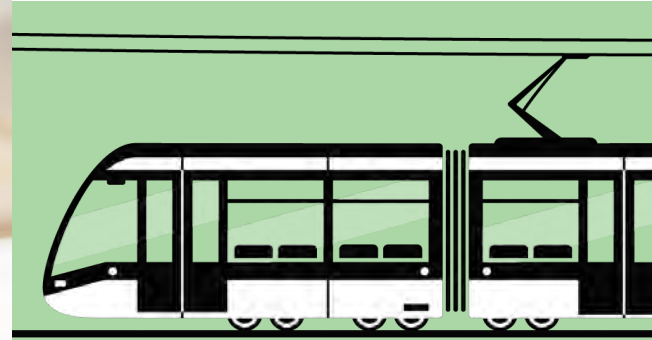
Eglinton East Light Rail Transit (EELRT)

CTC Source Protection Agency

13 June 2024

Agenda

- 1 Introduction
- 2 Existing Source Protection Features
- 3 Potential Threats, Applicable Policies, and Mitigation Measures
- 4 Discussion and Next Steps



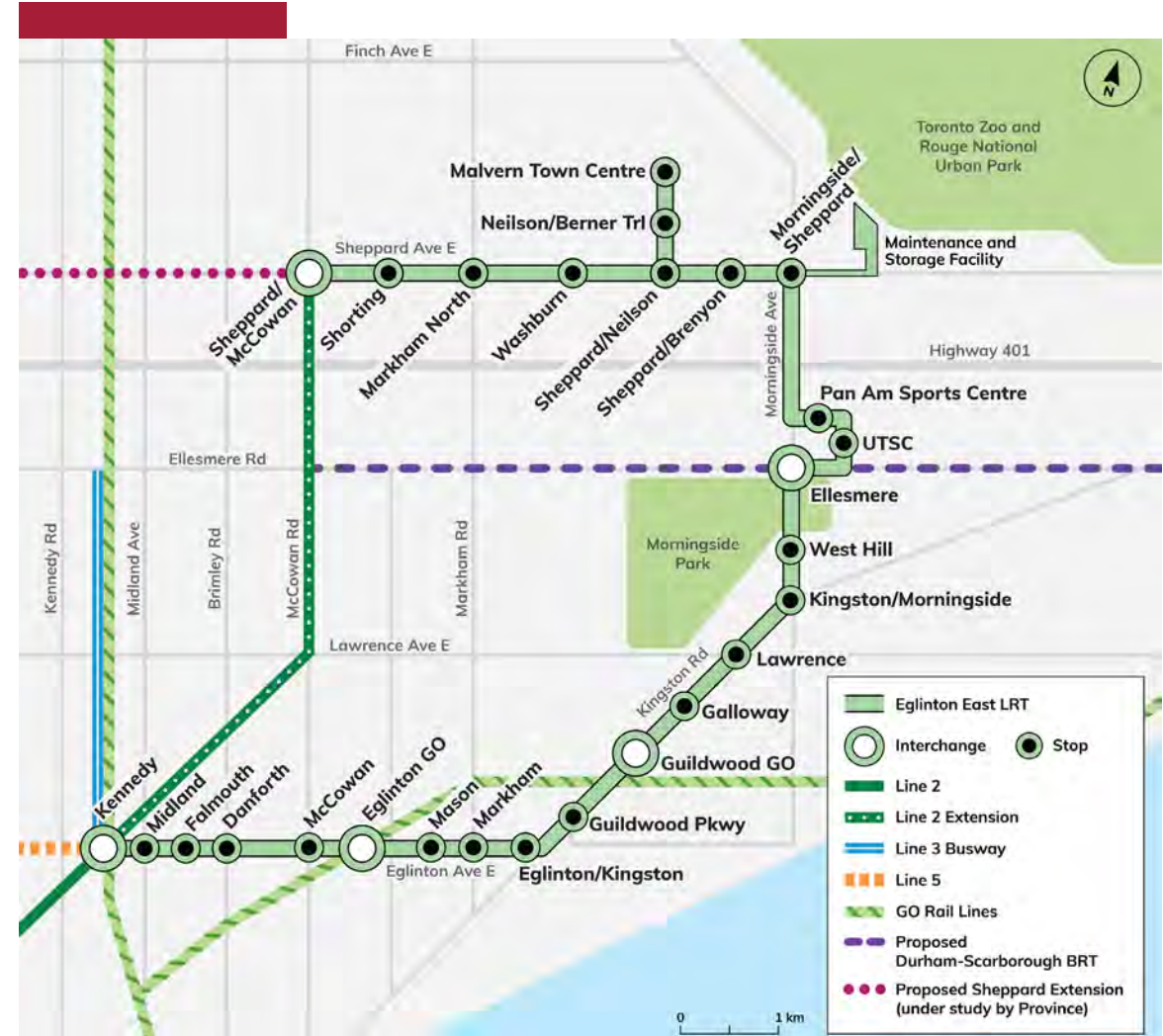
1

Introduction

Eglinton East LRT

Key Features

- **18.6 km** long
- **27** stops, with an average spacing of 670 metres
- **5** rapid transit interchanges
- **Local connections:**
Kennedy Station (Line 2 and Line 5)
Sheppard/McCowan (Line 2, proposed Sheppard Extension)
Line 3 Busway
- **Regional connections:**
Stouffville GO Line (Kennedy)
Lakeshore East GO Line (Eglinton and Guildwood)
Durham-Scarborough BRT



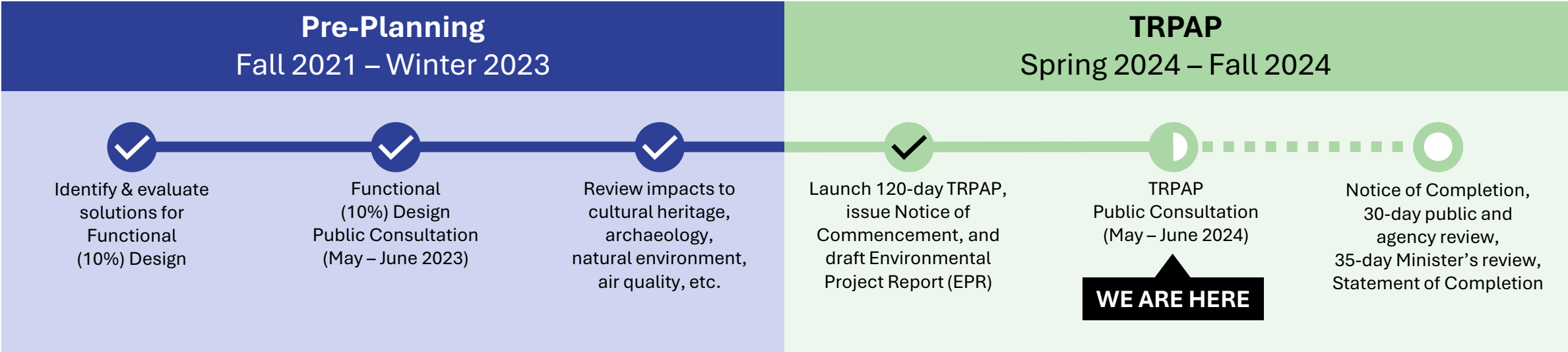
EELRT Project Map

Eglinton East LRT 10% Design & TRPAP

The Transit and Rail Project Assessment Process (TRPAP), defined in Ontario Regulation 231/08, is a streamlined Environmental Assessment process for transit and rail projects. A TRPAP is an up-to-185-day process required for any project establishing a new transit line, which applies to EELRT.

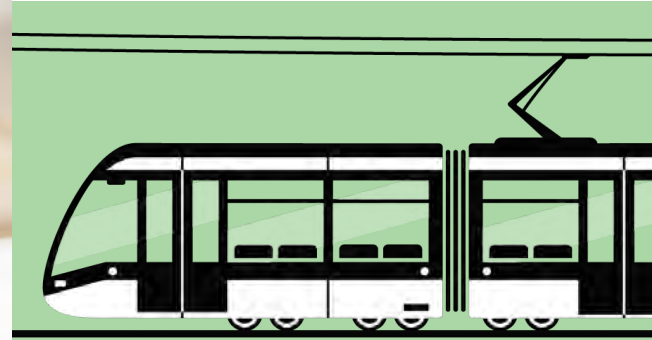
Ahead of the TRPAP, an Environmental Project Report (EPR) has been prepared to document the alignment (route) of the project, stop locations, and preferred design. The EPR also summarizes potential impacts the project may have on the surrounding community and ways to mitigate or minimize those impacts.

The EPR will be available to review online at toronto.ca/EglintonEastLRT.



10% Design Roll Plan

- Design is large, can be shared separately, if required

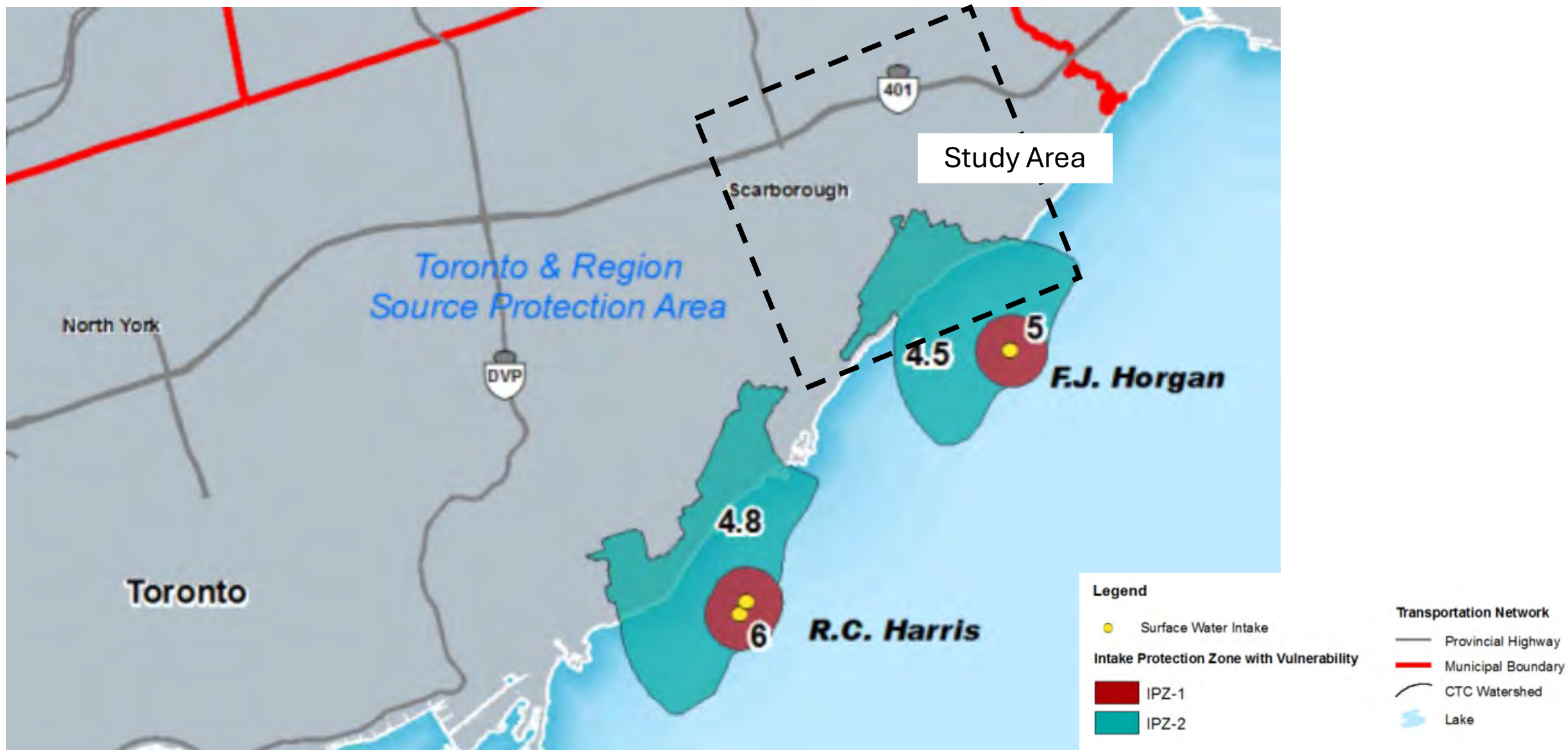


2

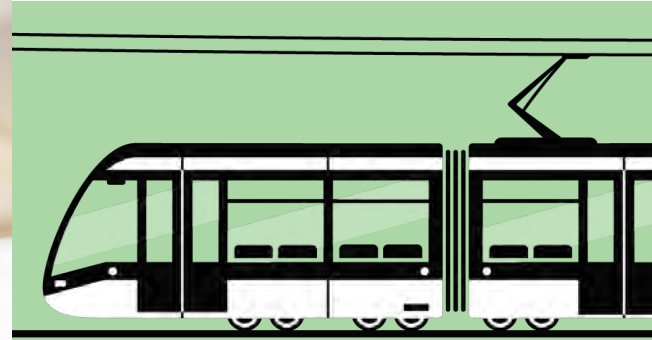
Existing Source Protection Features

Existing Source Water Protection Features

- The study area is located in the intake protection zones (IPZ) 2 and 3 (event-based area - EBA) for the F.J. Horgan Water System
- Maximum vulnerability score is 4.5
- Coordination with MECP indicated that, transit projects and activities associated with normal operations of the Eglinton East LRT are not considered threats under the Clean Water Act.
- Activities could pose a risk during the construction phase of the project. Particular attention should be paid if the relocation of any fuel oil pipelines is necessary during construction.
- As identified in the CTC Source Protection Plan (2019), potential moderate and low threats associated with the Eglinton East LRT pertain to the construction and maintenance phases of the project and include:
 - the establishment, operation, or maintenance of a system that collects, stores, transmits, treats, or disposes of sewage (limited to stormwater runoff);
 - the storage and application of road salt, and;
 - the storage of snow.



Lake Ontario Intakes – Moderate and Low Threat Locations



3

Potential Threats, Applicable Policies, and Mitigation Measures

Potential Threats and Applicable Policies

Threats	Policies
The establishment, operation, or maintenance of a system that collects, stores, transmits, treats, or disposes of sewage (limited to stormwater runoff)	No policies apply to the project area
The storage of snow	

Potential Threats and Applicable Policies

Threats	Policies (Non-legally binding)
Storage and application of road salt	<p>SAL-10 Where the application of road salt would be a moderate or low drinking water threat, the planning approval authority is encouraged to require a salt management plan, which includes a reduction in the future use of salt, as part of a complete application for development which includes new roads and parking lots in any of the following areas: Such plans should include, but not be limited to, mitigation measures regarding design of parking lots, roadways, and sidewalks to minimize the need for repeat application of road salt such as reducing ponding in parking areas, directing stormwater discharge outside of vulnerable areas where possible, and provisions to hire certified contractors.</p> <p>SAL-13 Where the application, handling and storage of road salt is, or would be, a moderate or low drinking water threat, the municipality is requested to report the results of its sodium and chloride monitoring conducted under the Safe Drinking Water Act and any other monitoring programs annually to the Source Protection Authority.</p> <p>The Source Protection Authority shall assess the information for any increasing trends and advise the Source Protection Committee on the need for new source protection plan policies to be developed to prevent future drinking water Issues, in any of the following areas: WHPA-A (VS = 10) (existing, future); or WHPA-B (VS ≤ 10) (existing, future); or WHPA-C (existing, future); or WHPA-D (existing, future); or WHPA-E (VS ≥ 4.5 and <9) (existing, future) HVA (existing, future); or SGRA (VS ≥ 6) (existing, future)</p>

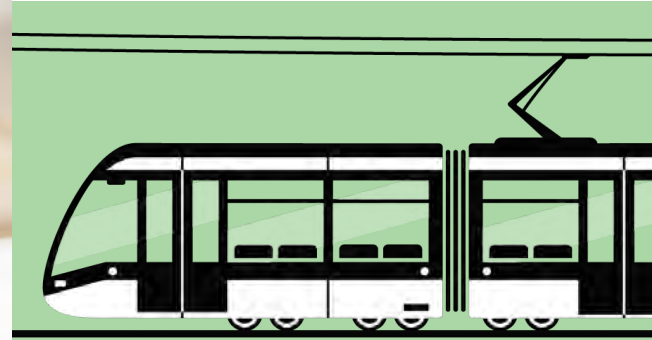
Stormwater Management Mitigation Measures

The recommended low impact development (LID) / best management practice options for stormwater management include:

- Bioretention cells to provide quality control, which could be tree planters or landscaping with a trench filled with compacted soil underneath the roadway boulevard areas
- Online storage pipes to provide quantity control such as oversized storage pipes with flow control devices upstream of the discharge location to provide peak flow control in combination with allowable surface ponding for major flows.

Other potential BMP measures to support treatment are to be considered in detailed design:

- Infiltration trenches
- Vegetated Filter strips
- Oil-grit separator units.



4

Discussion and Next Steps

Next Steps

- Complete TRPAP Process

TRCA Scope – Meeting Minutes

Project:	Eglinton East LRT 10% Design and TPAP	
Subject:	TRCA Scope meeting	
Date:	Monday, May 15, 2023	
Location:	Remote	
Attendance	David Brutto , EELRT PM, Transit Expansion Division (TE) Adam Saddo , Project Coordinator, TE Margie Aikins , TRCA Sukhmani Bola , TRCA Ali Shirazi , TRCA Jamie Milnes , TRCA Paul Leithwood , TRCA Caroline Mugo , TRCA	Karim Nahed , Assistant PM, HDR Mahia Anhara , EELRT Project Coordinator, HDR Hansen Gong , Transportation Engineer, HDR Aaron Ferrell , Stormwater Lead, HDR
Copies to	Tyrone Gan , EELRT PM, HDR Edna Cuvin , EELRT Program Director, TE	

Topic	Action By
1 Welcome and Introductions <ul style="list-style-type: none"> The purpose of the meeting is to provide TRCA an update on the design within TRCA regulated lands and an update on the project scope of work and future commitments. The project corridor interfaces with TRCA lands at 3 bridges and the MSF site. 	
2 Conlins MSF <ul style="list-style-type: none"> TRCA has no record of the work done by MX, therefore, their regulation limits and HEC-RAS model does not reflect early works done by MX. <ul style="list-style-type: none"> The project team would have to go on site for a topographic survey and update the HEC-RAS model. <ul style="list-style-type: none"> MSF buildings would need a 10 m setback from the floodplain City to reach out to MX for information on early works at the Conlins site. TRCA noted that east part of the site will need geotechnical study as it encroaches the top of the slope. 	TE
3 Morningside - Highland Creek Valley - bridge and embankment <ul style="list-style-type: none"> The Morningside-HC bridge would need a Fluvial Geomorphology study at 30% design, if bridge is widened. TRCA would need a study on the type of erosion measure will be above the abutment If there is encroachment into the embankment, TRCA would require an updated HEC-RAS model and confirmation that there is no net fill in the TRCA regulated area. <ul style="list-style-type: none"> TRCA agreed that this work can be deferred to the next phase (30% design) TRCA noted that studies to evaluate impact on PSW (Provincially Significant Wetlands?) required at Morningside/Ellesmere in the next phase. 	

○ **HDR to add to future commitments**

HDR

4 **Sheppard - Highland Creek bridges**

- Both Highland Creek bridges on Morningside would either have to be substantially widened or replaced to accommodate all of the cross-section elements.
- TRCA would need updated HEC-RAS model and ensure there is no off-site impact. Ensure the span of the bridge does not impact the upstream and downstream to the water surface elevation, and the water velocity. This work can be done at the 30% design phase.
- If the water course is partly concrete, a fluvial geomorphology study would not be needed.

5 **Environmental Studies and Future Commitments**

- Fluvial G for natural channels will be a future commitment.
- Current phase includes desktop study for the geotechnical component. Borehole program and slope stability study will be a part of future phases.
- Archeology study will need to be reviewed by TRCA if there are impacts to TRCA property.
- **TRCA to provide stormwater management and erosion control studies required for this phase.**
- HEC-RAS model update needed for the Conlins site.
- Incremental cut and fill analysis within the regulatory floodplain required at 30% design stage.

TRCA

If there are any errors or omissions, please advise David Brutto within ten business days of the issuance of these notes. Minutes prepared by Mahia Anhara.

Nahed, Karim

From: Anhara, Mahia
Sent: Tuesday, May 23, 2023 4:32 PM
To: Adam Saddo; Margie Akins; Caroline Mugo; Paul Leithwood; Gan, Tyrone; David Brutto; Edna Cuvin; 'Sukhmani.Bola@trca.ca'; Shaw, Nick
Cc: Nahed, Karim; Farrell, Aaron; Gong, Hansen; 10325954_D_EELRT TPAP-10 Design Update
Subject: RE: Eglinton East LRT - TRCA Discussion
Attachments: 2023-05-15_EELRT_TRCA Scope Meeting_presentation.pdf; 2023-05-15_EELRT - TRCA Scope Meeting Minutes.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hi all,

Please find attached the presentation and minutes for the TRCA scope meeting. Let us know if you have any follow-up comments.

Thank you,

Mahia Anhara
D 647.777.1688

hdrinc.com/follow-us

-----Original Appointment-----

From: Adam Saddo <Adam.Saddo@toronto.ca>
Sent: Friday, May 5, 2023 2:51 PM
To: Adam Saddo; Margie Akins; Caroline Mugo; Paul Leithwood; Anhara, Mahia; Shaw, Nick; Gan, Tyrone; David Brutto; Edna Cuvin
Subject: Eglinton East LRT - TRCA Discussion
When: Monday, May 15, 2023 10:00 AM-11:00 AM (UTC-05:00) Eastern Time (US & Canada).
Where:

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Hi All,

As a follow-up to our EELRT TAC #3 meeting, We would like to set up a meeting with TRCA regarding the project's proposed MSF site adjacent to TRCA lands as well as some other corridor questions/concerns for TRCA.

Please see the proposed agenda for this meeting below:

Agenda

- Project Overview
- Design update and anticipated impacts to TRCA areas of concern
- Current scope of work for geotechnical, hydrology, drainage and stormwater
- Proposed scope for later design and captured in future commitments of EPR

- Data requests
- Discussion

Regards,

Adam Saddo

Project Coordinator

City of Toronto

Transit Expansion Division

Cell: (437-218-6157)



Adam Saddo invites you to an online meeting using WebEx.

Meeting Number: 2457 848 8267

Meeting Password: CxiA5p995w4

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recordings. If you do not consent to the recording, discuss your concerns with the meeting host prior to the start of the recording or do not join the session. Please note that any such recordings may be subject to discovery in the event of litigation.

Meeting Minutes

Project:	Eglinton East LRT 10% Design and TPAP	
Subject:	TRCA Coordination meeting 2	
Date:	Friday, July 21, 2023	
Location:	Remote	
Attendance:	David Brutto , EELRT PM, Transit Expansion Division (TE) Adam Saddo , Project Coordinator, TE Edna Cuvin , EELRT Program Director, TE Michael Robinson , Senior Project Manager, Transportation Services (TS) Jing Yao , Land Surveyor, TS Margie Aikins , Planner, TRCA Sukhmani Bola , Water Resources Engineer, TRCA Ali Shirazi , Geotechnical Engineer, TRCA Becca Spence , Planning Ecologist, TRCA	Tyrone Gan , EELRT PM, HDR Aaron Ferrell , Stormwater Lead, HDR Sylvie Blanchette , MSF design lead, HDR Mahia Anhara , EELRT Project Coordinator, HDR Hansen Gong , Transportation Engineer, HDR
Copies to	Karim Nahed , EELRT Deputy PM, HDR	

Minutes	Action By
<ol style="list-style-type: none"> The Conlins MSF site is within the Morningside Creek Subwatershed of the Rouge River Watershed. At the MSF site, there is a hydraulic structure to the north limit which acts as a control structure for an online SWM facility, and another online stormwater facility located south of Sheppard Avenue; we believe a pipe enclosure is also located along the south limit of the property but cannot confirm the extent of construction. <ol style="list-style-type: none"> The proposed south stormwater pipe is enclosed for the <u>August 2005</u> storm event which exceeds a 100-year storm event requirement. <ol style="list-style-type: none"> <i>Post meeting correction: the August 2005 storm event was used by AECOM for the pipe design, not 2013.</i> No supporting documents or design calculations are available for this pipe. TRCA noted they do not have any records of approving the pipe. <i>Post meeting note: AECOM was coordinating with the Ministry of Natural Resources in 2010 regarding approvals for the proposed pipe. It appears that the pipe construction was not completed.</i> HDR asked why the TRCA flood mapping overlaps with the stormwater pipe? <ol style="list-style-type: none"> TRCA does not consider the presence of stormwater pipe in their hydraulics analysis since TRCA assumes the pipe is obstructed for flood hazard mapping. 	



4. TRCA water resources noted that if the pipe was daylighted, they would consider it in their analysis.
5. HDR noted that due to the presence of stormwater infrastructure on the site, the geotechnical and erosion hazard is not natural. The owner of the structure has a responsibility to maintain the structure.
 - a. TRCA Geotech agreed that the natural hazard definition was not applicable since the area is a stormwater management facility, however, requires that a geotechnical investigation be completed, and mitigation measures implemented as required to maintain long-term slope stability.
6. Setback requirements
 - a. TRCA Geotech noted that the 10 m buffer from the top of slope is a multi-purpose buffer.
 - b. Reducing buffer from 10 m to 6 m is acceptable for TRCA Geotech if erosion mitigation is implemented. If an access road is built within the buffer, all elements of the road (including grading) would have to be outside of the hazard limits but may be within the 6 m erosion setback, and all loads from the road, including vehicles need to be accounted for to ensure the road does not destabilize the slope.
 - c. TRCA Water Resources mentioned that the 10 m buffer from the floodplain is required since TRCA considers the 10 m buffer to account for model error.
 - d. TRCA Ecologist noted that they require the buffer to be naturalized to prevent flood plain and erosion hazard hence no development would be permissible within the 10 m buffer from the governing natural hazard.
7. TRCA confirmed that they consider the open drainage feature a watercourse, not a Headwater Drainage Feature (HDF).
8. TRCA advised that daylighting the pipe would require use of natural channel design principles for the open drainage feature.
9. TRCA confirmed that survey of the open watercourse through the property is required to refine the HEC-RAS hydraulic model and corresponding flood hazard definition. *Post Meeting Note: City to reach out to TRCA to undertake survey.*
10. **Action items**

a. TRCA to check for any available information on the stormwater pipe south of the site.	TRCA
b. TRCA to provide the following data:	TRCA
i. Current Hydrologic Model for Rouge River Watershed (PCSWMM) – Received.	
ii. Current Hydrologic Model for Highland Creek Watershed (VO) – Not required.	
iii. Current Hydraulic Model for Highland Creek Watershed (HEC-RAS) – Received	
iv. Documentation from TRCA regarding Pipe Enclosure	

If there are any errors or omissions, please advise David Brutto within ten business days of the issuance of these notes. Minutes prepared by Mahia Anhara.

Meeting Minutes

Project:	Eglinton East LRT 10% Design and TPAP	
Subject:	TRCA Coordination meeting 3	
Date:	Friday, September 01, 2023	
Location:	Remote	
Attendance	David Brutto , EELRT PM, Transit Expansion Division (TE) Adam Saddo , Project Coordinator, TE Michael Robinson , Senior Project Manager, Transportation Services (TS) Monirul Islam , Senior Water Engineer, Toronto Water Steve Turco , Senior Transportation Planner, City Planning	Paul Leithwood , Planner, TRCA Caroline Mugo , Planner, TRCA Sukhmani Bola , Water Resources Engineer, TRCA Karim Nahed , EELRT Deputy PM, HDR Aaron Ferrell , Stormwater Lead, HDR Sylvie Blanchette , MSF design lead, HDR Mahia Anhara , EELRT Project Coordinator, HDR
Copies to	Edna Cuvin , EELRT Program Director, TE Tyrone Gan , EELRT PM, HDR	

Minutes	Action By
1. At the Conlins MSF site, there is an online stormwater facility located south of Sheppard Avenue, which Toronto Water and TRCA do not have any record or information about. 2. HDR conducted a visual inspection of the MSF site and found that the stormwater facility to the south has been constructed and is functioning. 3. TRCA advised during the meeting on July 21 that the drainage feature through the property has been designated as a watercourse. The following planning corridor parameters were proposed to be incorporated into the site based on TRCA requirements: <ol style="list-style-type: none"> 25 m bottom width for natural channel 2.5:1 engineered side slopes (4 m depth) 10 m buffers/regulatory allowance Total planning corridor width = 65 m 	
4. TRCA to review the proposed watercourse management strategy for MSF design (Action completed). <ol style="list-style-type: none"> In general, TRCA noted that they do not have any concerns about the conceptual approach since it adheres to their regulations. 	TRCA
2. HDR to update 10% MSF design with 65 m corridor, once TRCA comments are received and reviewed. (Action completed)	HDR
3. City and TRCA to conduct site visits concurrently (MX PTE required). <ol style="list-style-type: none"> TRCA to provide boundaries and top of bank information in writing to the City after confirming the features. 	City/TRCA TRCA
4. HDR to confirm design impacts/encroachment on TRCA regulated areas at Ellesmere, Morningside, and Sheppard.	HDR

If there are any errors or omissions, please advise David Brutto within ten business days of the issuance of these notes. Minutes prepared by Mahia Anhara.

Nahed, Karim

From: Nahed, Karim
Sent: Tuesday, September 5, 2023 2:26 PM
To: Adam Saddo; David Brutto; Monirul Islam; Fatima Movahedinia; Michael Robinson (TRA); Edna Cuvin; Stella Gustavson; Paul Leithwood; Caroline Mugo; Steve Turco; Sukhmani Bola
Cc: Gan, Tyrone; Anhara, Mahia; Farrell, Aaron; Blanchette, Sylvie
Subject: RE: EELRT- TRCA Coordination Meeting #3 Presentation Materials (2023-09-01)
Attachments: 2023-09-01_EELRT - TRCA meeting 3 Presentation.pdf

Categories: EELRT

Hi all,

Please see attached the presentation from the TRCA Coordination Meeting 3.

We are looking for the TRCA to provide agreement-in-principle to the proposed watercourse corridor approach for the 10% design of the MSF site by September 22, 2023.

Meeting minutes to come.

Thanks,
Karim

Karim Nahed (He/Him) P.Eng
Assistant Project Manager

HDR
1500 W Georgia St Suite 500
Vancouver, Canada

M 514 654 7172
karim.nahed@hdrinc.com

hdrinc.com/follow-us

-----Original Appointment-----

From: Adam Saddo <Adam.Saddo@toronto.ca>
Sent: Monday, August 28, 2023 3:47 PM
To: Adam Saddo; David Brutto; Edna Cuvin; Monirul Islam; Fatima Movahedinia; Michael Robinson (TRA); Stella Gustavson; Gan, Tyrone; Nahed, Karim; Anhara, Mahia; Paul Leithwood; Caroline Mugo; Farrell, Aaron; Steve Turco; Blanchette, Sylvie; Sukhmani Bola
Subject: EELRT- TRCA Coordination Meeting #3
When: Friday, September 1, 2023 10:00 AM-11:00 AM (UTC-05:00) Eastern Time (US & Canada).
Where:

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Hi All,

Please find the invitation for the TRCA/EELRT Coordination Meeting #3.
The proposed agenda for this call is provided below:

Agenda

1. Introduction
 - Project Overview
 - Schedule
2. Summary of July 21 Meeting
3. Supplemental Investigations for Pipe Enclosure
4. Proposed Watercourse Management for Site Design
5. Next Steps and Timing

The EELRT project team looks forward to the discussion.

Thanks,

Adam Saddo

Project Coordinator

City of Toronto - Transit Expansion Division

Cell: (437-218-6157)



Adam Saddo invites you to an online meeting using WebEx.

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Meeting Password: Wr8tJc4jQm3

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Nahed, Karim

From: Paul Leithwood <Paul.Leithwood@trca.ca>
Sent: Friday, September 15, 2023 2:29 PM
To: Nahed, Karim
Cc: Gan, Tyrone; Anhara, Mahia; Farrell, Aaron; Blanchette, Sylvie; Adam Saddo; David Brutto; Monirul Islam; Fatima Movahedinia; Michael Robinson (TRA); Edna Cuvin; Stella Gustavson; Caroline Mugo; Steve Turco; Sukhmani Bola
Subject: RE: EELRT-TRCA Coordination Meeting #3 Presentation Materials (2023-09-01)
Attachments: EELRT - Comment Tracker_MLS Site_September 14, 2023.xlsx

Follow Up Flag: Follow up
Flag Status: Completed

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Hello Karim,

Based on the responses to our comments (see attached) and discussions held during the meeting on September 1, 2023, the TRCA can grant agreement in principle to the 10% design – MSF Site, as our comments will be addressed in the 30% submission. Furthermore, please note that the watercourse corridor sizing has not been confirmed as supporting Fluvial geomorphology and Hydraulic studies are required prior to that. However, we are in agreement in principle with the proposed watercourse corridor approach in the 10% design.

As agreed at the meeting held on September 1st staff will also be going on site (currently coordinating with the City of Toronto).

Please provide an anticipated date for the 30% submission (an approximate date is acceptable) for our review and approval. Also, please send the meeting minutes at your earliest convenience.

Thank you.

Paul Leithwood (he/him/his)

Planner

Infrastructure Planning and Permits | Development and Engineering Services

T: [\(437\) 880-2146](tel:437-880-2146)

E: paul.leithwood@trca.ca

A: [101 Exchange Avenue, Vaughan, ON, L4K 5R6](https://www.trca.ca) | [trca.ca](https://www.trca.ca)



From: Nahed, Karim <Karim.Nahed@hdrinc.com>
Sent: Tuesday, September 5, 2023 2:26 PM
To: Adam Saddo <Adam.Saddo@toronto.ca>; David Brutto <David.Brutto@toronto.ca>; Monirul Islam <Monirul.Islam@toronto.ca>; Fatima Movahedinia <Fatima.Movahedinia@toronto.ca>; Michael Robinson (TRA) <Michael.Robinson9@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Stella Gustavson <Stella.Gustavson@toronto.ca>; Paul Leithwood <Paul.Leithwood@trca.ca>; Caroline Mugo <Caroline.Mugo@trca.ca>; Steve Turco <Steve.Turco@toronto.ca>; Sukhmani Bola <Sukhmani.Bola@trca.ca>
Cc: Gan, Tyrone <tyrone.gan@hdrinc.com>; Anhara, Mahia <Mahia.Anhara@hdrinc.com>; Farrell, Aaron <Aaron.Farrell@hdrinc.com>; Blanchette, Sylvie <MarieSylvie.Blanchette@hdrinc.com>
Subject: RE: EELRT- TRCA Coordination Meeting #3 Presentation Materials (2023-09-01)

Hi all,

Please see attached the presentation from the TRCA Coordination Meeting 3.

We are looking for the TRCA to provide agreement-in-principle to the proposed watercourse corridor approach for the 10% design of the MSF site by September 22, 2023.

Meeting minutes to come.

Thanks,
Karim

Karim Nahed (He/Him) P.Eng
Assistant Project Manager

HDR
1500 W Georgia St Suite 500
Vancouver, Canada

M 514 654 7172
karim.nahed@hdrinc.com

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Subject: EELRT- TRCA Coordination Meeting #3
When: Friday, September 1, 2023 10:00 AM-11:00 AM (UTC-05:00) Eastern Time (US & Canada).
Where:

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The EELRT project team looks forward to the discussion.

Thanks,

Adam Saddo

Project Coordinator

City of Toronto - Transit Expansion Division

Cell: (437-218-6157)



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EELRT Comment Tracker					* Actions: 1 = Will comply 2 = Discuss, clarification required 3 = No new action		** Status: O = Open, not resolved P = Pending, to be confirmed C = Closed, confirmed complete		
Contract Name: EELRT 10% Design and TPAP Transmittal Ref: <Txxx> Meeting Ref: <Date and Name>					Document Name: <File Name> Distribution Date: <Date materials shared for comment>		Comment Date In: <date> Follow-up Comment Date In: <date> Response Date Out: <date> Follow-up Response Date Out: <date>		
Item No.	Reviewer	Description	Part, Chapter, Sec, Subsec, page, DWG#	Comment	Response	Action 1 / 2 / 3*	Follow-up Comment (September 14, 2023)	Follow-up Response	Status O / P / C**
1		General		1. For the Conlins MSF, the limits for flood plain, drip line, and top of bank (TOB) / long term stable TOB will need to be established at the EA stage. A 10 m development setback from the greatest inland hazard should then be applied to the site. Hazard limits and setbacks should be established for the top and eastern edges, and possibly the southern section based on existing conditions updates and modelling, depending on where the TOB and flood plain land. This should all be identified in a high level figure at this stage as this will impact facility design.	Discussion required with TRCA as the subject area is an online stormwater management facility.		Comment deferred to 30% design.		
2		General		2. TRCA staff requests that a site visit be arranged to investigate and delineate/stake the boundaries of the features at the Conlins MSF site, specifically wetland and dripline, prior to subsequent design stages. Top of bank staking is referenced in the next section.	No site visits are proposed to be undertaken for the purposes of drainage and stormwater management as part of 10% design and TPAP. This item can be included as a commitment for future phases to confirm the boundaries of features prior to 30% design.		Site visit to be scheduled for Fall 2023.		
3		Geotechnical		3. For the Conlins MSF, the geotechnical study should determine the erosion hazard limits around the site. A 10 m setback will need to be established from the erosion hazard (or the greatest inland hazard including flood plain).	Noted.				
4		Geotechnical		4. In addition, the MSF top of bank will need to be identified as part of the process. A top of bank staking by TRCA staff may be needed in addition to the slope stability study to determine the erosion hazard limits.	Noted. This will be done in future phases of design.		Site visit to be scheduled for Fall 2023.		
5		Planning Ecology		5. Please include a commitment to provide an NHIS at the EA stage. The Morningside-Highland Creek Valley –embankment works need to be assessed to evaluate the impact of the works on the Provincially Significant Highland Creek – Morningside Wetland Complex and valley. Furthermore, a commitment to minimizing and mitigating the impacts to the wetland complex/associated valley and providing appropriate restoration and compensation in instances of unavoidable loss needs to be provided. These provisions should further be built into the project design.	A Natural heritage impact study will be completed at the TPAP stage to identify impacts and mitigations to natural features. Discussion required with TRCA as the subject area is an online stormwater management facility.				

EELRT Comment Tracker					* Actions: 1 = Will comply 2 = Discuss, clarification required 3 = No new action		** Status: O = Open, not resolved P = Pending, to be confirmed C = Closed, confirmed complete		
Contract Name: EELRT 10% Design and TPAP Transmittal Ref: <Txxx> Meeting Ref: <Date and Name>					Document Name: <File Name> Distribution Date: <Date materials shared for comment>		Comment Date In: <date> Follow-up Comment Date In: <date> Response Date Out: <date> Follow-up Response Date Out: <date>		
Item No.	Reviewer	Description	Part, Chapter, Sec, Subsec, page, DWG#	Comment	Response	Action 1 / 2 / 3*	Follow-up Comment (September 14, 2023)	Follow-up Response	Status O / P / C**
6		Water Resources		6. Please note that at the 30% design stage, a hydraulic analysis is required for all crossings and the MSF site area. For the two (2) crossings at Sheppard Avenue where it seems that the bridge will be widened, the hydraulic analysis should inform the proposed bridge span to ensure that there are no impacts to the 2-year to 100-year, and Regional design storm water surface elevations and velocities under proposed conditions when compared to existing conditions. For the Morningside crossing, it seems that the bridge will not be widened; however, there will be minimal impacts to the road right of way immediately north and south of the existing bridge, and as such, a hydraulic analysis will be required to confirm that there are no impacts to the 2-year to 100-year, and Regional design storm water surface elevations and velocities under proposed conditions when compared to existing conditions. As per the meeting discussion, it is noted that the project team will prevent any encroachment within the Highland Creek floodplains to the degree technically feasible, by minimizing road right of way width and through the use of retaining walls	Noted. This will be included in the EPR as a commitment for future design phase.				
7		Water Resources		7.For the MSF site, as per meeting discussion, please update the existing TRCA HEC-RAS model with an updated existing conditions to update the 2-year to 100-year design storms and Regional floodplain. The updated HEC-RAS model and hydraulic report with supporting information (topographic survey, bathymetric survey and/or as-built drawings to verify existing conditions) should be submitted to TRCA for review and comment at the earliest opportunity. Please ensure that there is a minimum 10 m setback from the updated TRCA Regulatory floodplain and the proposed development, or the greater of the hazard limit (including long term stable top of bank).	The HEC-RAS modelling will be updated, subject to clarification of study requirements given the use of the area for online stormwater management. Discussion also required regarding acceptable methodology for assessing hydraulics of the closed conduit.		Comment deferred to 30% design.		
8		Water Resources		8.At 30% design, a fluvial geomorphology study is required for the Morningside crossing to inform any erosion protection measures for the existing bridge abutments, and due to the enlargement of the road right of way on both sides of the existing bridge.	Noted. This will be included in the EPR as a commitment for future design phases.				
9		Water Resources		9.A conceptual incremental and cumulative cut and fill analysis is required at the 30% design stage at every 0.3 m increment for the 2-year to 100-year design storms and the Regional design storms for all crossings. The cut and fill analysis can be further refined based on topographic data and grading during the 60% design stage. This is to ensure that there is no loss in riparian storage due to the proposed	Noted. This will be included in the EPR as a commitment for future design phases.				

EELRT Comment Tracker					* Actions: 1 = Will comply 2 = Discuss, clarification required 3 = No new action		** Status: O = Open, not resolved P = Pending, to be confirmed C = Closed, confirmed complete		
Contract Name: EELRT 10% Design and TPAP Transmittal Ref: <Txxx> Meeting Ref: <Date and Name>			Document Name: <File Name> Distribution Date: <Date materials shared for comment> Contract Name: EELRT 10% Design and TPAP						
			Comment Date In: <date> Response Date Out: <date>		Follow-up Comment Date In: <date> Follow-up Response Date Out: <date>				
Item No.	Reviewer	Description	Part, Chapter, Sec, Subsec, page, DWG#	Comment	Response	Action 1 / 2 / 3*	Follow-up Comment (September 14, 2023)	Follow-up Response	Status O / P / C**
10		Water Resources		10.For the stormwater management, please meet the TRCA SWM Criteria (2012; link here: https://sustainabletechnologies.ca/app/uploads/2013/01/SW M-Criteria-2012.pdf). Please note that TRCA requires water quantity controls and erosion hazard controls (also known as the 5mm on-site retention). For water quantity controls, existing peak flows should be met under proposed conditions for the entire catchment area for road right of way. For erosion hazard controls, 5mm on-site retention is required from all impervious surfaces above the initial abstraction. Please note that water quality treatment is required prior to	This will be addressed through the development of the stormwater management plan for the subject property.				
11		Water Resources		11.For stormwater management, TRCA recommends 80% TSS removal for water quality treatment as part of a treatment train approach. For this recommendation, please note that an OGS sized for 80% TSS removal for 90% of the annual rainfall is credited 50% TSS removal. However, an OGS plus 5mm on-site retention (required as part of erosion hazard control) is credited 80% TSS removal.	This will be addressed through the development of the stormwater management plan for the subject property.				
12		Water Resources		12.In addition, in the meeting minutes, please revise the wording in Section 4 to, "If the watercourse is fully concrete, a fluvial geomorphology study would not be needed. However, if a watercourse is only partially concrete, then a fluvial geomorphology assessment is required at the 30% design stage."	Noted. Will comply				

Nahed, Karim

From: David Brutto <David.Brutto@toronto.ca>
Sent: Monday, May 6, 2024 3:45 PM
To: Paul Leithwood
Cc: Caroline Mugo; Johanna Kyte; Adam Saddo; Nahed, Karim; Gan, Tyrone; Edna Cuvin
Subject: RE: CFN 68286 - EELRT Draft EPR TRCA Response

Thanks Paul. Acknowledged receipt of TRCA comments.

The project team is reviewing and we will respond accordingly, and will let you know should there be any questions in the interim.

Regards,

David

From: Paul Leithwood <Paul.Leithwood@trca.ca>
Sent: Thursday, April 25, 2024 4:48 PM
To: David Brutto <David.Brutto@toronto.ca>
Cc: Caroline Mugo <Caroline.Mugo@trca.ca>; Johanna Kyte <johanna.kyte@trca.ca>; Adam Saddo <Adam.Saddo@toronto.ca>
Subject: [External Sender] CFN 68286 - EELRT Draft EPR TRCA Response

Hello David,

Thank you for your patience.

TRCA staff have reviewed the materials made available for the Eglinton East Light Rail Transit – *Draft Environmental Project Report* on March 8, 2024. Please see our comments in the attached letter. For your convenience, I have attached a Word version of Appendix A to assist with responses.

Please let me know if there are any questions.

Thank you.

Paul Leithwood (*he/him/his*)
Planner
Infrastructure Planning and Permits | Development and Engineering Services

T: [\(437\) 880-2146](tel:437-880-2146)
E: paul.leithwood@trca.ca
A: [101 Exchange Avenue, Vaughan, ON, L4K 5R6](https://www.trca.ca/101-Exchange-Avenue-Vaughan-ON-L4K-5R6) | [trca.ca](https://www.trca.ca)



Nahed, Karim

From: Adam Saddo <Adam.Saddo@toronto.ca>
Sent: Wednesday, May 15, 2024 8:40 PM
To: Michael Robinson (TRA); owen.mcgaughey; Irem Khan; Katie Wittmann; Emily Chang; Murad Khan; Andres Jarrin; Daphne Wee; Mark Berkovitz; Zachary Brown; Khaled Chowdhury; Lukasz Pawlowski; Rebecca (Carmen) Lam; Hao Le; Jawaid Choudhary; Nazli Dehghani; Ihtesham Ahmad; Sheldon Koo; Kabir Kolawole; Roberto Ionescu; Ted Malkos; Daniel Pina; Ted Van Vliet; Sandra Diaz; Susan Andriyani; Manish Rathore; Cai De Ridder; Sin, Adrian; Grant Kauffman; Andus Chen; Meredith Vaga; spenton; Julia Murnaghan; Deepak Shrestha; John Lam; Clement Shim; Eldwin Yau; Saeid Behnia; Joanna Yu; Marco Bertoia; Monirul Islam; Lawrence Shintani; Fatima Movahedinia; James Perttula; Liora Freedman; Greg Tokarz; Riad Rahman; Michael Hain; Monika Nasterska; Christian Ventresca; Samuel Baron; Renrick Ashby; Jeffery Sinclair; Thomas Schwerdtfeger; hans.riekko; Renita D'Souza; Emilia Floro; Kristina Reinders; Corwin Cambray; Michael Seaman; Neil MacKay; Gary Miedema; Tamara Anson-Cartwright; Steve Turco; Eric Beales; Alison Torrie-Lapaire; Mark Ventresca; lisa.carson; Matt Bentley; Vanessa Cipriani; Nick Van Veen; Scott Attwood; Kim Hussey; George Tzavaras; Rob Patton; Sean O'Connell; Tyler Grassi; Matthew Marchand; Zahid Ur Rashid; Michael Salviato; Paul Dhir; Benjamin Miller; Scott Pasternack; Vinette Prescott-Brown; Leila Valenzuela; daniel.gagliotti; Larissa Deneau; Jeffrey (TPA) Dea; Cai De Ridder; Neil Hogan; Robert Singleton; Carlo Bonanni; Pedro Giunti; Mia Baumeister; Mehakdeep Dhillon; Chu, Eric; Yan.He@ttc.ca; Robert.Moffat@ttc.ca; Ho, Dominic; Nathan Seah; Niko Barlas; Jenny Matharu; 'Meghan Meyer'; Michael Tham; Arad Mohaghegh; lindsay.lashley; Margaret Tyszk; 'Joseph.Ehrlich@metrolinx.com'; Adelia Yamasaki; Nasim.Bozorgmehr; Ann Marie Chung; 'Bianca.Whiffen@metrolinx.com'; Sahar Tolami; 'Shelley.Persaud@metrolinx.com'; Tony To; 'Joshua.Paltoo@metrolinx.com'; 'Marco.Quattrociocchi@metrolinx.com'; Ada Maciejewski; Maria Topalovic; Anna Lippa; Brian Matthews; Teik Lim; Nadine Navarro; Meaghan Mendonca; Kerrie Kerenidis; Chirag Shah; Hajjar, Alexander (MTO); Sit, Michael (MTO); Ng, Raymond (MTO); francesca.brown; Singh, Christian (MTO); Ouellet, Jean-Francois (IO); Moon, Nimish (IO); Paul Leithwood; Caroline Mugo; Mark Rapus; Corey Wells; 'wesley.plant@canada.ca'; 'anjala.puvananathan@canada.ca'; 'Raul.Santos@bell.ca'; Derakhshan, Mahmoud; 'lise.chabot@ontario.ca'; 'kate.manson-smith@ontario.ca'; 'maya.harris@ontario.ca'; 'Stewart.Chisholm@ontario.ca'; 'trevor.griffin@ontario.ca'; 'Dan.L.Thompson@ontario.ca'; 'Kate.Gee@ontario.ca'; Pastori, Andrea (TBS); 'elsy.aceves@hydroone.com'; DIMAND Laura; Daniel Petrozziello; 'Mohamad Hamdan'; Kourosh Khosropanah; Sam Hifawi; Tom Odell; Gan, Tyrone; Nahed, Karim; Gong, Hansen; Anhara, Mahia; Barboza, Karla (MTCS); Minkin, Dan (MHSTCI); Hatcher, Laura (MCM); Batista, Cindy (MECP); Cameron, Anne (MECP); solange.desautels; 'Kathleen.Oneill@ontario.ca'; Carla Lipkin; Frank Difei He; Antonella Nicaso; Junaid Farooq; Justin Keke; Faisal Khan; Jackie Tam; Jacqueline Darwood; Kevin Tavares; Hyejin Jung
Cc: David Brutto; Edna Cuvin; Richard Borbridge
Subject: Eglinton East LRT 10% Design and TRPAP Technical Advisory Committee - Notice of Commencement
Attachments: EELRT Notice of Commencement_15May2024_ISSUED.pdf

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello everyone,

The City of Toronto thanks you all for the participation in the Eglinton East LRT Technical Advisory Committee to date.

Kindly find the attached Notice of Commencement for the EELRT Transit Rail Project Assessment Process (TRPAP), which launched today, May 15, 2024.

Should there be any questions regarding the EELRT TRPAP, please reach out to Transit Expansion directly.

Regards,

Adam Saddo

Project Coordinator

City of Toronto

Transit Expansion – Stations & Strategic Initiatives

Cell: (437-218-6157)



Nahed, Karim

From: Paul Leithwood <Paul.Leithwood@trca.ca>
Sent: Wednesday, May 22, 2024 3:36 PM
To: Sin, Adrian
Cc: Nahed, Karim; Caroline Mugo; 10325954_D_EELRT TPAP-10 Design Update
Subject: RE: EELRT - CTC Source Water Protection Authority Contact

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Adrian,

Regarding a contact from a CTC SPA, I would suggest contacting Don Ford (Don.Ford@trca.ca) who is our Senior Manager, Hydrogeology.

Please let me know if you have any questions.

Thank you.

Paul Leithwood (*he/him/his*)

Planner

Infrastructure Planning and Permits | Development and Engineering Services

T: [\(437\) 880-2146](tel:(437)880-2146)

E: paul.leithwood@trca.ca

A: [101 Exchange Avenue, Vaughan, ON, L4K 5R6](#) | trca.ca



From: Sin, Adrian <Adrian.Sin@hdrinc.com>
Sent: Wednesday, May 22, 2024 2:50 PM
To: Paul Leithwood <Paul.Leithwood@trca.ca>; Caroline Mugo <Caroline.Mugo@trca.ca>
Cc: Nahed, Karim <Karim.Nahed@hdrinc.com>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>
Subject: EELRT - CTC Source Water Protection Authority Contact

EXTERNAL SENDER

Hi Paul,

Would you be able to provide me with the contacts for the CTC Source Water Protection Authority for the EELRT project's study area?

Thanks,

Adrian Sin (he/him) B.A.Sc.
Transportation Planner

HDR
70 University Avenue, Suite 800
Toronto, ON, Canada, M5J 2M4

D 647.777.1698
adrian.sin@hdrinc.com

hdrinc.com/follow-us



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Nahed, Karim

From: Paul Leithwood <Paul.Leithwood@trca.ca>
Sent: Friday, May 31, 2024 1:43 PM
To: Sin, Adrian
Cc: Adam Saddo; Nahed, Karim; Gan, Tyrone; Edna Cuvin; David Brutto; Caroline Mugo; 10325954_D_EELRT TPAP-10 Design Update
Subject: RE: Eglinton East LRT EPR and 10% Design Comment Responses - TRCA

Follow Up Flag: Follow up
Flag Status: Completed

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Adrian,

Thank you, I am confirming I have downloaded and received the provided materials.

Regarding appendices, I see I have the Conceptual Roll Plots (which I take to be Appendix A), but particularly Appendix C (Drainage and Stormwater Management Report), E (Natural Environment Report), and J (Geotechnical Assessment Report) are needed. Please send along at your earliest convenience.

We look forward to our meeting on June 7 at 1:30pm to discuss responses and the latest EPR. However, please note formal comments will be provided closer June 30th after our full review.

Thank you.

Paul Leithwood, B.URPl (*he/him/his*)
Planner
Infrastructure Planning and Permits | Development and Engineering Services

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E: paul.leithwood@trca.ca
A: [101 Exchange Avenue, Vaughan, ON, L4K 5R6](https://www.trca.ca/101-Exchange-Avenue-Vaughan-ON-L4K-5R6) | [trca.ca](https://www.trca.ca)





From: Sin, Adrian <Adrian.Sin@hdrinc.com>
Sent: Wednesday, May 29, 2024 9:28 AM
To: Paul Leithwood <Paul.Leithwood@trca.ca>; Johanna Kyte <johanna.kyte@trca.ca>; Caroline Mugo <Caroline.Mugo@trca.ca>
Cc: Adam Saddo <Adam.Saddo@toronto.ca>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; Edna Cuvin <Edna.Cuvin@toronto.ca>; David Brutto <David.Brutto@toronto.ca>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>
Subject: Eglinton East LRT EPR and 10% Design Comment Responses - TRCA

EXTERNAL SENDER

Hello Paul,

Thank you for your comments on the Eglinton East LRT 10% Design and Environmental Project Report. We have reviewed the comments, made revisions to the EPR, and have provided responses to your comments.

On behalf of the City of Toronto, we have attached comment responses (dated 2024-05-28)  [2024-05-28 TRCA.xlsx](#), the updated EPR (dated 2024-05-28), and updated 10% design roll drawings (dated 2024-05-28)  [10% Design and EPR](#).

If you have trouble accessing the link, please let me know.

If you have any questions, please contact the David Brutto at david.brutto@toronto.ca.

Thank you,

Adrian Sin (he/him)

D 647.777.1698

adrian.sin@hdrinc.com

hdrinc.com/follow-us



[Book time to meet with me](#)

Out-of-Office: 29-May to 04 June 2024

From: David Brutto <David.Brutto@toronto.ca>

Sent: Monday, May 6, 2024 3:45 PM

To: Paul Leithwood <Paul.Leithwood@trca.ca>

Cc: Caroline Mugo <Caroline.Mugo@trca.ca>; Johanna Kyte <johanna.kyte@trca.ca>; Adam Saddo <Adam.Saddo@toronto.ca>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Gan, Tyrone <tyrone.gan@hdrinc.com>; Edna Cuvin <Edna.Cuvin@toronto.ca>

Subject: RE: CFN 68286 - EELRT Draft EPR TRCA Response

Thanks Paul. Acknowledged receipt of TRCA comments.

The project team is reviewing and we will respond accordingly, and will let you know should there be any questions in the interim.

Regards,

David

From: Paul Leithwood <Paul.Leithwood@trca.ca>

Sent: Thursday, April 25, 2024 4:48 PM

To: David Brutto <David.Brutto@toronto.ca>

Cc: Caroline Mugo <Caroline.Mugo@trca.ca>; Johanna Kyte <johanna.kyte@trca.ca>; Adam Saddo <Adam.Saddo@toronto.ca>

Subject: [External Sender] CFN 68286 - EELRT Draft EPR TRCA Response

Hello David,

Thank you for your patience.

TRCA staff have reviewed the materials made available for the Eglinton East Light Rail Transit – *Draft Environmental Project Report* on March 8, 2024. Please see our comments in the attached letter. For your convenience, I have attached a Word version of Appendix A to assist with responses.

Please let me know if there are any questions.

Thank you.

Paul Leithwood (*he/him/his*)

Planner

Infrastructure Planning and Permits | Development and Engineering Services

T: [\(437\) 880-2146](tel:(437)880-2146)

E: paul.leithwood@trca.ca

A: [101 Exchange Avenue, Vaughan, ON, L4K 5R6](https://www.trca.ca/locations/101-Exchange-Avenue-Vaughan-ON-L4K-5R6) | [trca.ca](https://www.trca.ca)



Nahed, Karim

From: Don Ford <Don.Ford@trca.ca>
Sent: Wednesday, June 5, 2024 9:13 AM
To: Sin, Adrian
Cc: Nahed, Karim; 10325954_D_EELRT TPAP-10 Design Update
Subject: Re: Eglinton East LRT - CTC Source Protection Meeting Request

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11th and 13th work for me. Will be a short discussion.

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From: Sin, Adrian <Adrian.Sin@hdrinc.com>
Sent: Wednesday, June 5, 2024 8:53:42 AM
To: Don Ford <Don.Ford@trca.ca>
Cc: Nahed, Karim <Karim.Nahed@hdrinc.com>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>
Subject: RE: Eglinton East LRT - CTC Source Protection Meeting Request

EXTERNAL SENDER

Hi Don,

Following up on this: Please let me know your availability for the Week of the 10th and 17th.

Thanks,

Adrian Sin (he/him)
D 647.777.1698
adrian.sin@hdrinc.com

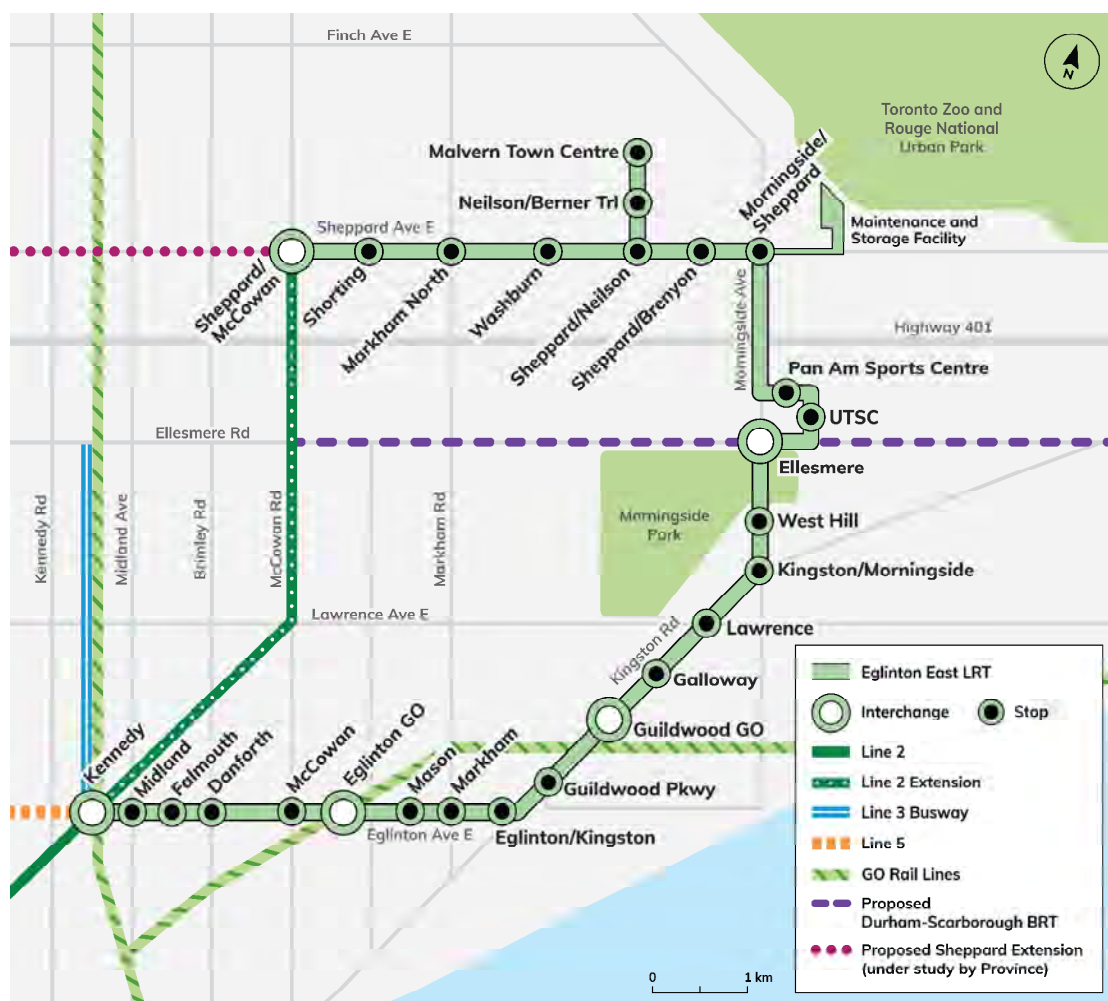
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From: Sin, Adrian
Sent: Wednesday, May 22, 2024 5:27 PM
To: Don.Ford@trca.ca
Cc: Nahed, Karim <Karim.Nahed@hdrinc.com>; 10325954_D_EELRT TPAP-10 Design Update <10325954_D_EELRTTPAP-10DesignUpdate@hdrinc.com>
Subject: Eglinton East LRT - CTC Source Protection Meeting Request

Hi Don,

The Eglinton East LRT project is an 18.6 km LRT project in eastern Scarborough with a proposed Maintenance and Storage Facility (MSF) at Colins Road, north of Sheppard Avenue East. Here is a map of the alignment.



We received a comment from the MECP to reach out to the CTC Source Protection Authority. Would a meeting to determine the applicable source protection plan or any potential threats be appropriate in this situation?

If so, please let me know your availabilities for the week of June 10th and any people that would need to be invited to this meeting.

Thank you,

Adrian Sin (he/him) B.A.Sc.
Transportation Planner

HDR
70 University Avenue, Suite 800
Toronto, ON, Canada, M5J 2M4

D 647.777.1698
adrian.sin@hdrinc.com

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TRCA Meeting 4 – Meeting Minutes

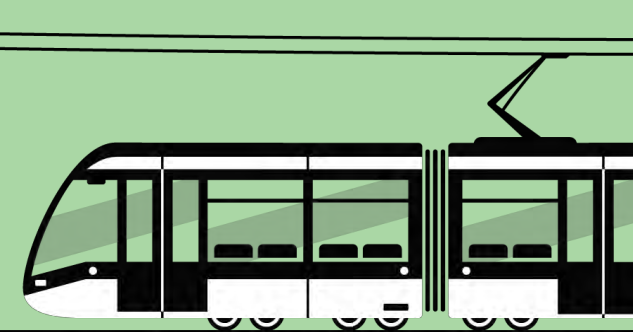
Project:	Eglinton East LRT 10% Design and TPAP	
Subject:	TRCA Meeting 4 (Comments Discussion)	
Date:	Friday, June 07, 2024	
Location:	WebEx	
Attendance:	City of Toronto – Transit Expansion David Brutto, EELRT PM Adam Saddo, EELRT Project Coordinator	HDR Karim Nahed, Deputy PM, HDR Adrian Sin, Project Coordinator, HDR Aaron Farrell, Stormwater Lead, HDR Aliaksei Maksachou, Stormwater Support, HDR LGL Grant Kauffman TRCA Paul Leithwood Jamie Milnes Sukhmani Bola Caroline Mugo Ali Shirazi

Copies To:
Edna Cuvin, EELRT Transit Expansion,
Program Director
Tyrone Gan, EELRT PM, HDR

	Topic	Action By
1	Introductions	N/A
2	EELRT Project Overview and Status	N/A
3	Previous Consultation	N/A
4	Review of TRCA Comments on Environmental Project Report	N/A
5	SWM Requirements for Existing Road <ul style="list-style-type: none"> Objective is to treat total area of pavement equal to the sum of existing and proposed additional pavement to the Maximum Extent Possible (MEP) per the 2022 MECP Draft Guidelines and CLI-ECA requirements. Treatment of runoff generated from pavement external to the ROW which is conveyed to and through the ROW is acceptable in lieu of treating pavement within the ROW. Include best efforts to provide SWM for existing paved areas. SWM assessment to be updated as part of 30% detailed design to refine stormwater management plan and to confirm extent of stormwater management achievable for both existing and proposed additional paved surfaces. 	N/A
6	Erosion and Geotechnical Hazard Assessments <ul style="list-style-type: none"> This is a task to be done in 30% detailed design. The above has been agreed to by TRCA during the call subject to confirmation with the appropriate team. 	TRCA to confirm

7	Feature Based Water Balance Assessment of PSW <ul style="list-style-type: none"> TRCA explained that they would like Wetland Water Balance Risk Tool to be used, confirmed that it is a requirement for 30% detailed design. General expectation is that it will be low risk for this project and that mitigation measures through SWM will be sufficient. Monthly water balance assessment using Thornthwaite spreadsheet method required at 30% detailed design to support risk assessment. TRCA confirmed that pre-construction wetland water balance monitoring is not required. Requirements for wetland water balance monitoring during and/or post construction are to be determined based upon results of risk assessment and details established during permitting process. 	N/A
8	September 2023 Comments <ul style="list-style-type: none"> TRCA confirmed that onsite retention would be whichever guideline is more conservative and that 2022 MECP guidelines should be used for water quality. TRCA confirms that 5 mm retention (50th percentile event) would be required for Road ROW and 15 mm would be required for MSF site based upon updated requirements for Morningside Tributary within Highland Creek. 	N/A
9	Watercourse Management Plan and Regulation 41/24 <ul style="list-style-type: none"> TRCA confirmed that the 10 m Regulatory Allowance still applies. Wetland setbacks have changed based upon Regulation 41/24. The rest of the setbacks for regulated features remain the same. TRCA confirmed that 65 m planning corridor width is sufficient to be carried forward to refinement in 30% design and stated that natural channels are required for reduced velocity and to achieve floodplain storage. 	N/A
	Next Steps and Timing <ul style="list-style-type: none"> TRCA asked about the outstanding request to stake the MSF site, and when it would be expected to happen. TRCA stated that the preference is to stake the site during the TRPAP phase and not to wait until detailed design. <ul style="list-style-type: none"> City (TE) responded that the staking exercise requires permission from the property owner and as such does not currently have a timeline. City (TE) suggested taking the discussion offline with the property owner. TRCA inquired about the timelines for the 30% detailed design. <ul style="list-style-type: none"> City (TE) responded that they are planning on reporting to City Council before the end of the year on next steps including authority to proceed to the next phase and that there is no timeline yet. TRCA inquired about how MSF comments were being captured within the EPR as they believe that a separate tracker with EELRT comments has not yet been captured. <ul style="list-style-type: none"> HDR responded that the additional comments can be included and requested TRCA to send over the comments. 	City (TE) to setup meeting with TRCA and property owner (MSF) N/A HDR to incorporate September 14, 2023, comment-responses into the EPR comment tracker
	Other Business	N/A

If there are any errors or omissions, please advise David Brutto (david.brutto@toronto.ca) within ten business days of the issuance of these notes. Minutes prepared by Adrian Sin.



Eglinton East Light Rail Transit (EELRT)

TRCA Meeting 4

07 June 2024

Agenda

1 Introductions

2 EELRT Project Status and Overview

3 Previous Consultation

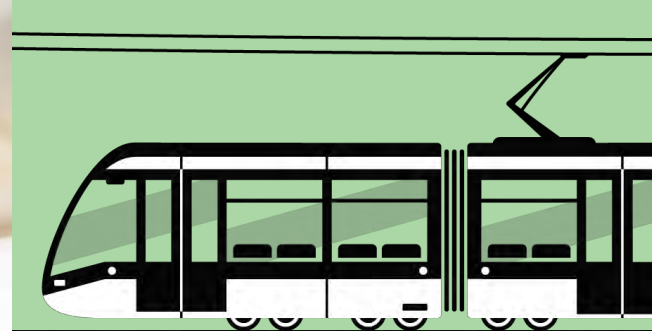
4 Review of TRCA EPR Comments

LRT Comments

MSF Comments

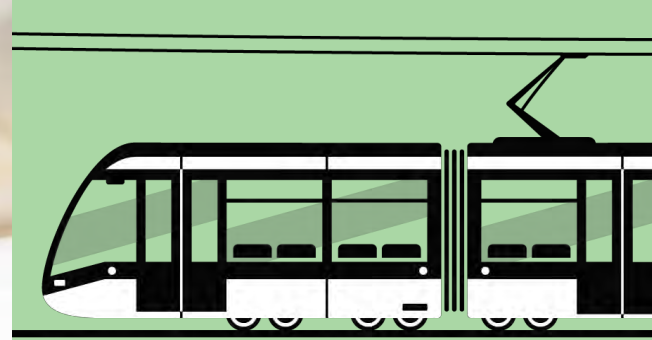
5 Next Steps and Timing

6 Other Business



1

Introductions



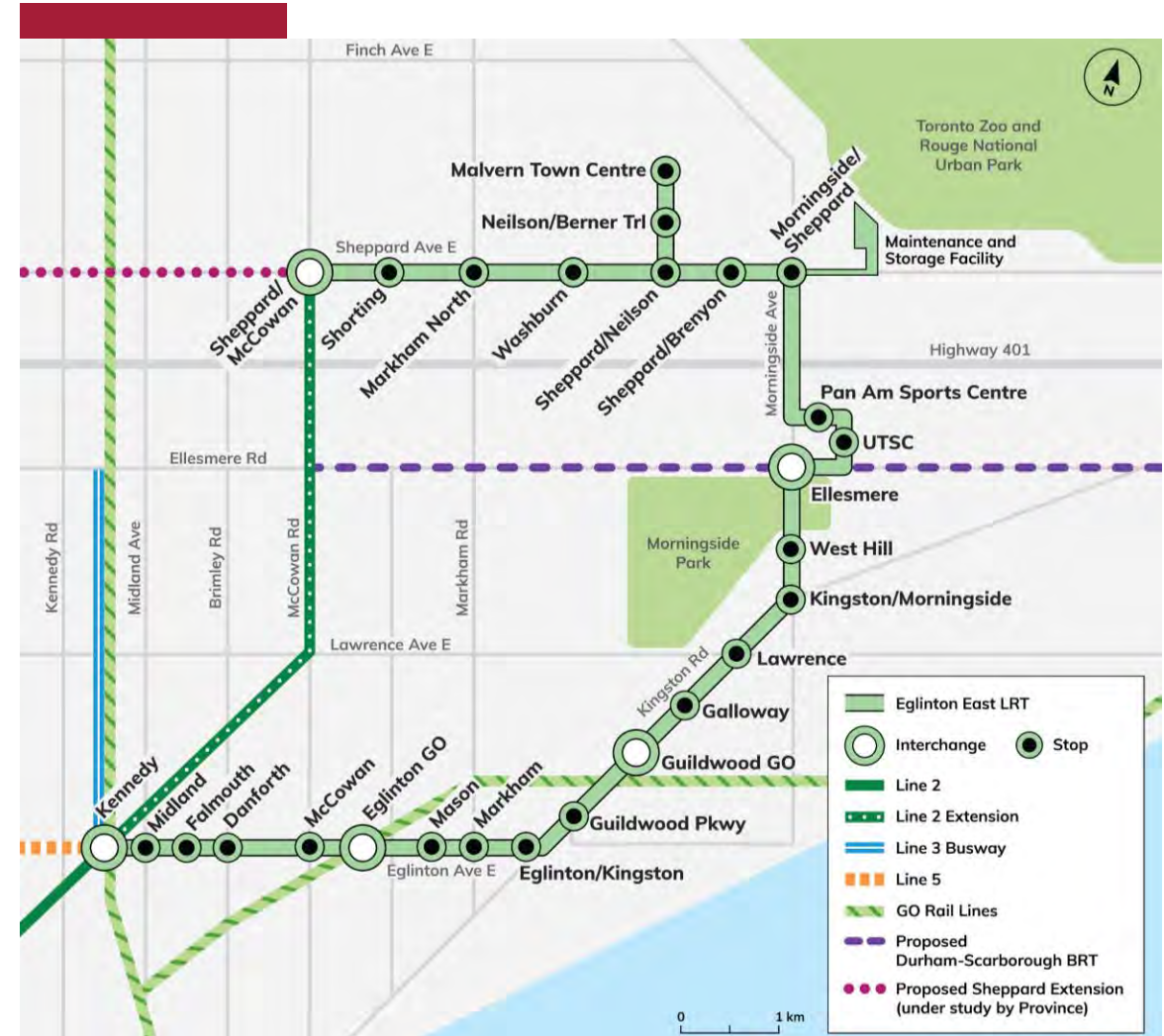
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Project Status and Overview

Eglinton East LRT

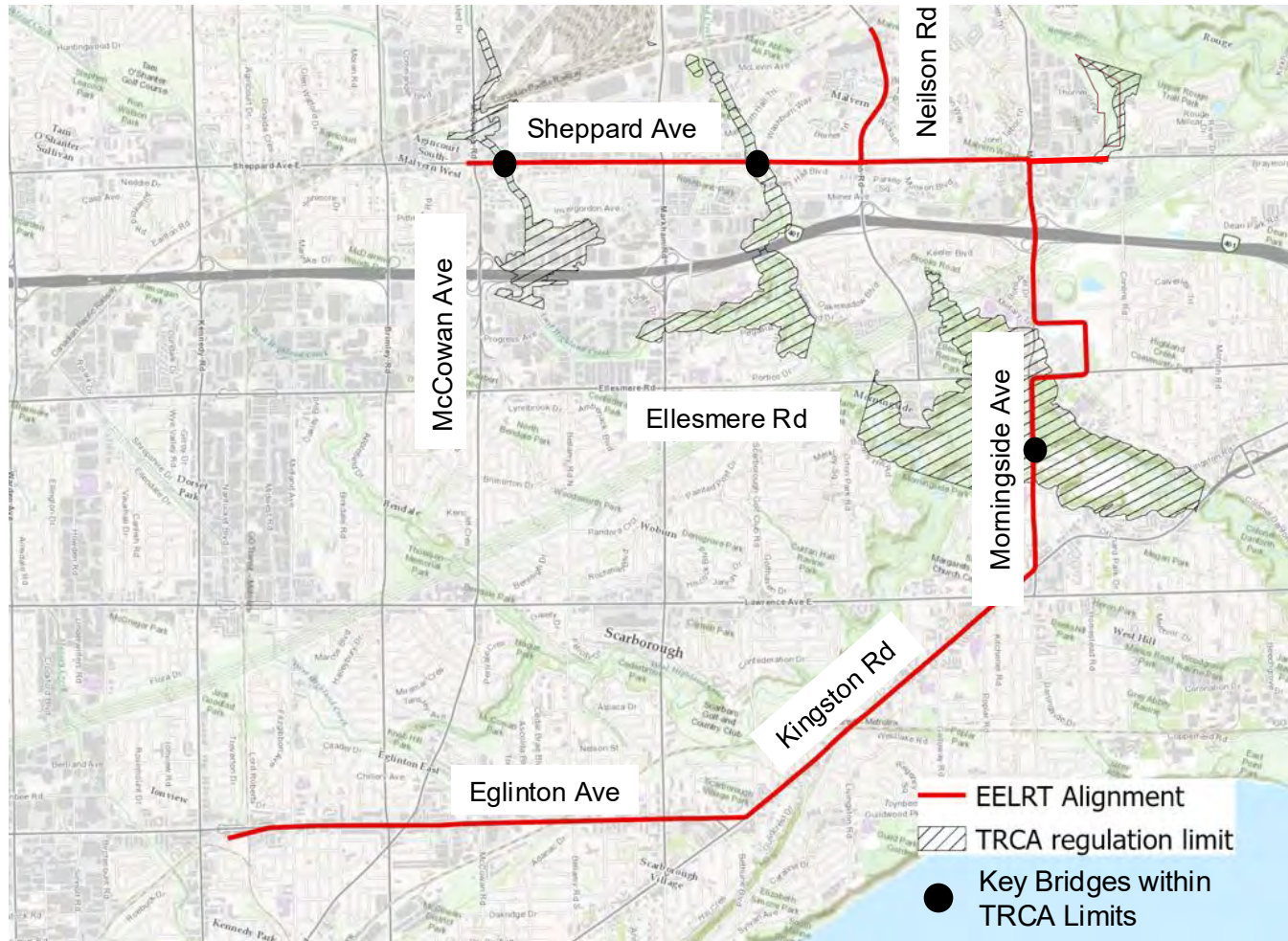
Key Features

- **18.6 km** long
- **27** stops, with an average spacing of 670 metres
- **5** rapid transit interchanges
- **Local connections:**
Kennedy Station (Line 2 and Line 5)
Sheppard/McCowan (Line 2, proposed Sheppard Extension)
Line 3 Busway
- **Regional connections:**
Stouffville GO Line (Kennedy)
Lakeshore East GO Line (Eglinton and Guildwood)
Durham-Scarborough BRT

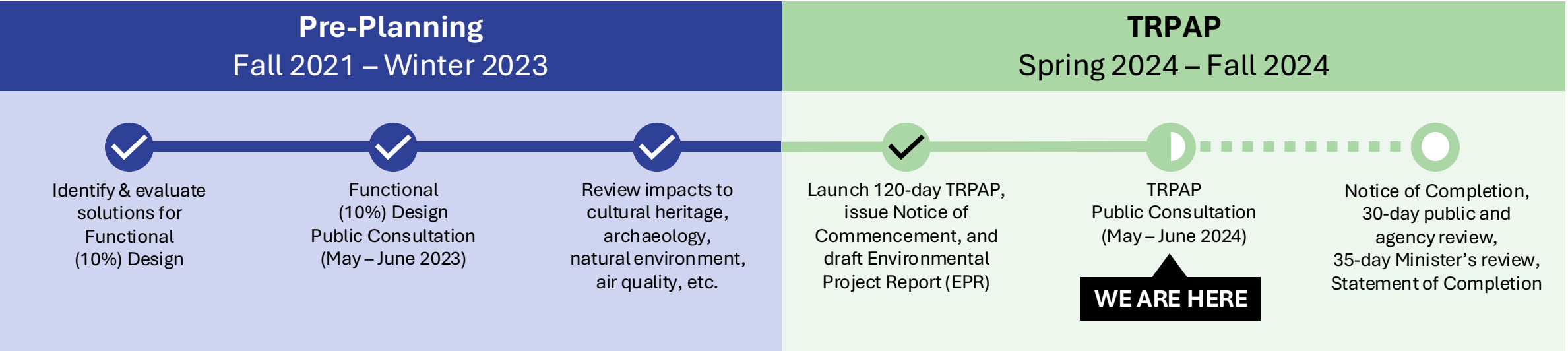


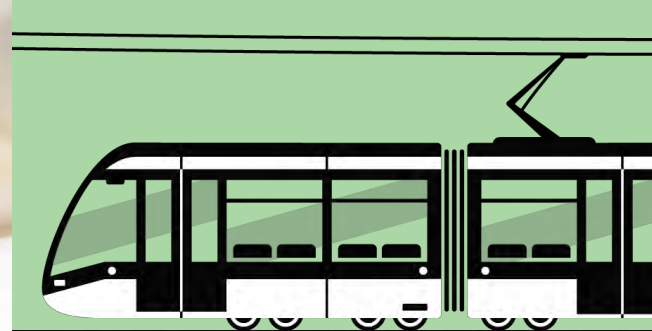
EELRT Project Map

TRCA Regulation Limits



Project Status





3

Previous Consultation

Summary of Previous Consultation



Meetings held with TRCA in July 2023 and August 2023.



Focus primarily on drainage infrastructure and regulation through MSF site.



226 m 3.66 m x 2.44 m box structure identified through the MSF site from background information.

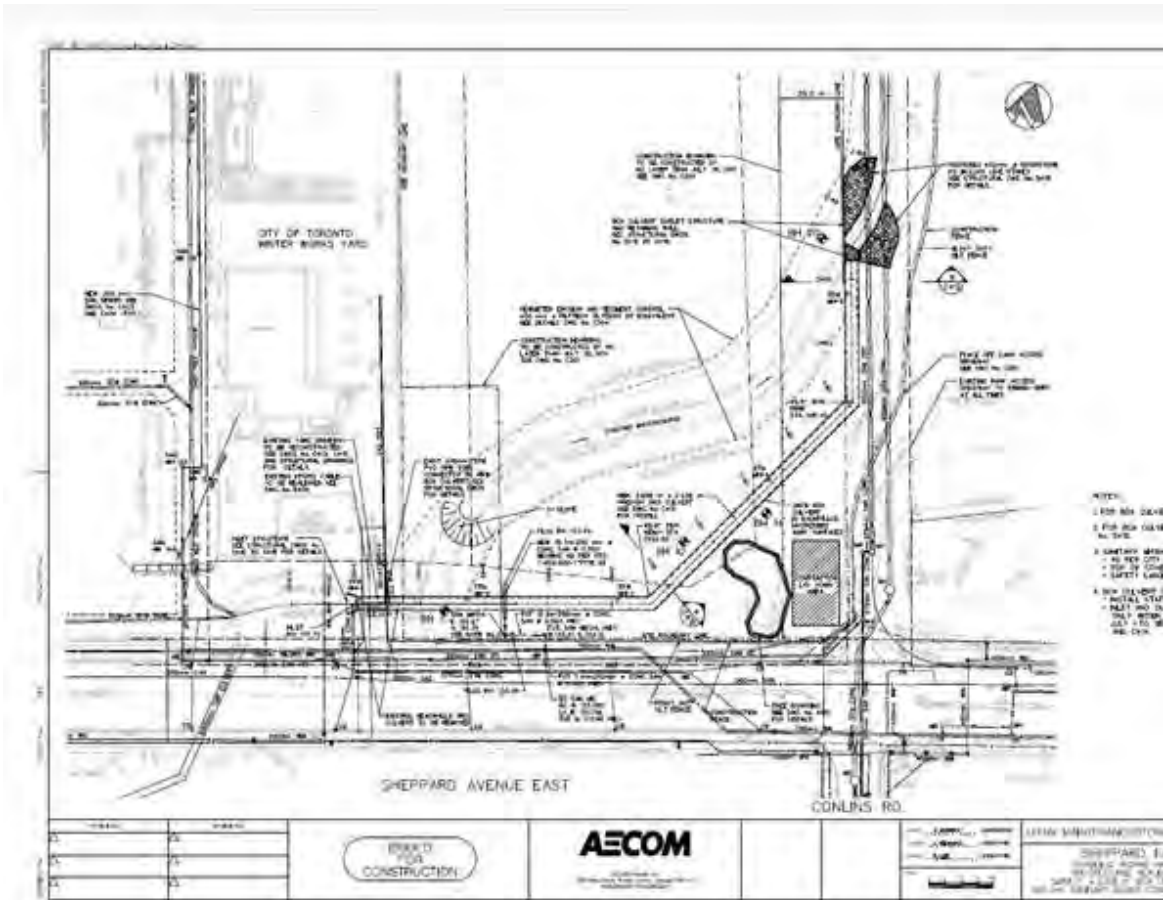


Neither TRCA nor the City have records of technical analyses supporting the design of the box structure.



Structure was confirmed by review of available historic aerial photography and field reconnaissance

Supplemental Investigations for Pipe Enclosure



Design Drawing (AECOM November 2010)



Current Air Photo (Google Earth)

Summary of Previous Consultation

- TRCA advised that realignment/relocation of the watercourse through the property would need to include:
 - Natural channel design elements (i.e. meander belt)
 - Geotechnical design of side slopes
 - Application of 10 m buffer/Regulatory Allowance from the greatest hazard (anticipated to be stable top of slope for constructed watercourse)
- The application of the above principles would require daylighting the box enclosure (226 m 3.66 m x 2.44 m box)

Proposed Watercourse Corridor for Site Design



MSF site is being planned to 10% design



Provision for watercourse corridor along south limit is being incorporated into site plan to address TRCA requirements

25 m bottom width for natural channel
2.5:1 engineered side slopes (4 m depth)
10 m buffers/regulatory allowance

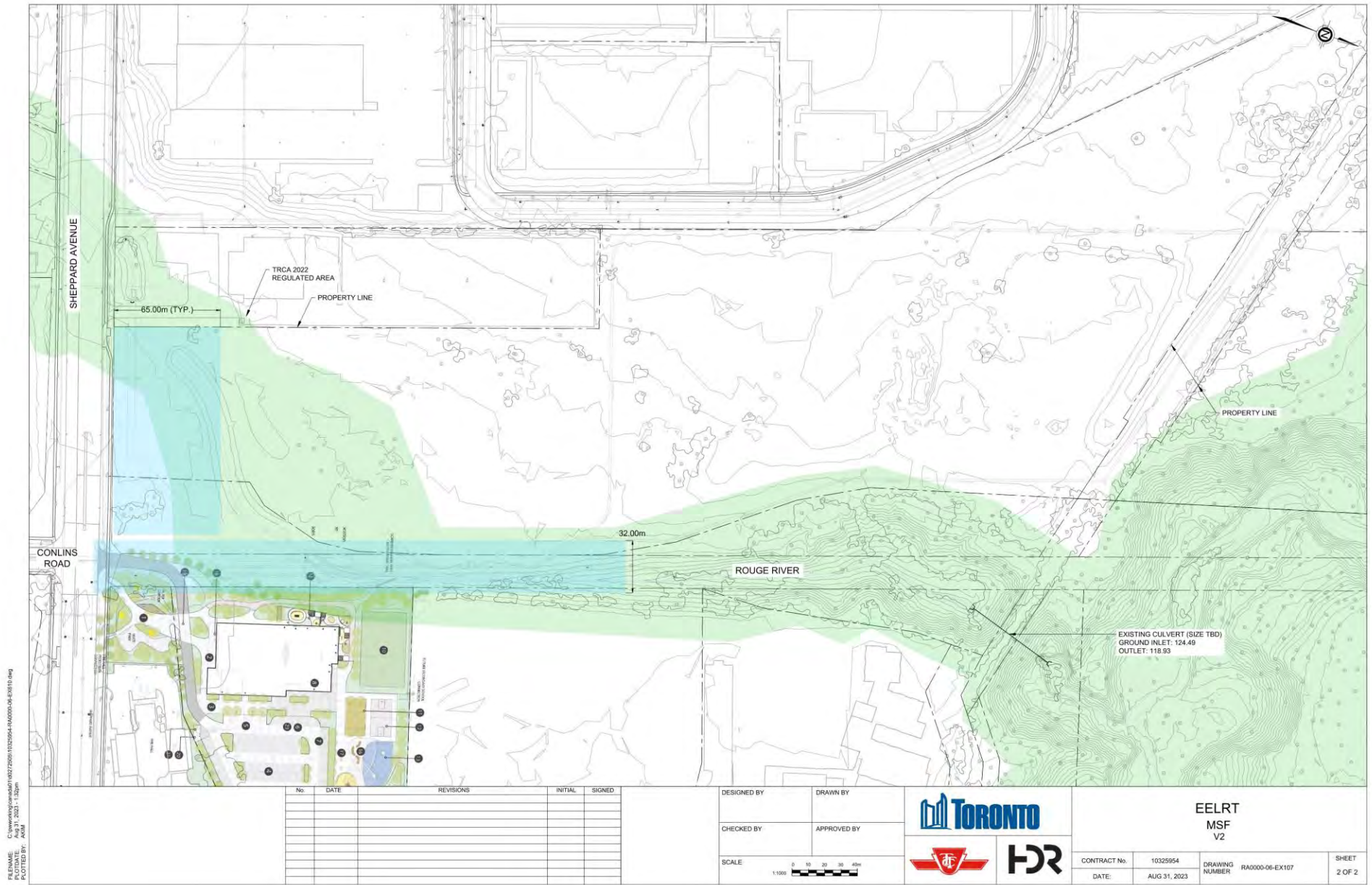
Total planning corridor width = 65 m



Watercourse along east limit of property is proposed to be retained in current configuration and with current Regulatory Limit



100 m +/- segment of pipe at downstream limit is proposed to be retained to connect constructed watercourse along south limit with existing watercourse along east limit





4

Review of TRCA Comments

Comments and Responses



Comments matrix circulated,
with HDR responses to TRCA
comments.

September 15, 2023



TRCA confirmed approval in
principle of the watercourse
concept

*(ref. Email correspondence Leithwood -
Nahed, September 15, 2023)*



Additional comments provided by
TRCA on revised 10% design and
Environmental Project Report

April 25, 2024



LRT Comments

SWM Requirements for Existing Road

- In Appendix C of the EPR, the report titled, *Eglinton East Transit Project Assessment Process (TPAP), 10% Detailed Design, Drainage and Stormwater Management Report*, dated February 27, 2024, notes that the TRCA SWM Criteria applies only to the addition of impervious areas. Note that the TRCA SWM Criteria for the road right of ways applies to both the addition of impervious area and the existing impervious area that encompass the proposed works. Any road right of way that includes new or upgraded storm sewers and infrastructure, should take the existing and proposed impervious area (entire widened road width and length) of the road for SWM treatment based TRCA SWM Criteria for road right of ways as previously provided since the onset of the EPR. Revise report text and design as required to ensure this.
- **Proposed HDR Response:** *SWM for the existing paved areas will be provided to the Maximum Extent Possible in accordance with current MECP Guidelines and municipal CLI-ECA requirements. This will be further explored and documented at detailed design.*

Erosion and Geotechnical Hazard Assessments

- For the crossings (example: Highland Creek Area), the risk of erosion hazard needs to be determined by slope stability assessment.
- Appropriate geotechnical and stability study and design recommendations need to be developed and implemented in support of the proposed works including earthworks, grading, and site alterations.
- **HDR Response:** *Erosion hazard and geotechnical investigations will be completed at detailed design.*

Feature Based Water Balance Assessment of PSW

- Given the potential SWM changes, a feature-based water balance risk evaluation should be undertaken to inform the feature-base water balance (FBWB) requirements for the project. The FBWB risk evaluation will assess if there are any potential risks to the hydrology of the adjacent PSW from the proposed grade and drainage changes. Please see TRCA's Wetland Water Balance Risk Assessment to assist with this process. [WetlandWaterBalanceRiskEvaluation_Nov2017.pdf \(trca.ca\)](#)
- **HDR Response:** *A features-based water balance assessment will be completed as part of the detailed design, if required based upon the outcome of the risk assessment and discussions with TRCA. Please note that, based upon the nature of the work to support linear infrastructure, and the extent of new impervious surfaces proposed, it is anticipated that this would qualify as a low risk undertaking and not require a full assessment. Further, it is anticipated that any potential impacts would be mitigated through the stormwater management plan, incorporating LIDs as part of a treatment train approach for stormwater quality control and water budget management.*

Data Source: Contains public sector information made available from the Ministry of Natural Resources and Forestry (MNRF). Contains information licensed under the Open Government Licence - Ontario. Contains information licensed under the Open Government Licence - Toronto. Contains information made available under the Toronto and Region Conservation Authority (TRCA)'s Open Data Licence v 1.0. Produced by LGL Limited under License with the Ontario Ministry of Natural Resources. © King's Printer for Ontario, 2023.

Imagery Service from City of Toronto (2022)



Ecological Land Classification

- <all other values>
- CUM1-1: Dry-Moist Old Field Meadow Type
- CUS1: Mineral Cultural Savannah Ecosite
- CUT1: Mineral Cultural Thicket Ecosite
- CUW1: Mineral Cultural Woodland Ecosite

- FOD3-1: Dry-Fresh Poplar Deciduous Forest Type
- FOD4: Dry-Fresh Deciduous Forest Ecosite
- FOD5-3: Dry-Fresh Sugar Maple-Oak Deciduous Forest Type
- FOD7: Fresh-Moist Lowland Deciduous Forest Ecosite

- FOD8-1: Fresh-Moist Poplar Deciduous Forest
- FOM2-2: Dry-Fresh White Pine-Sugar Maple Mixed Forest Type
- FOM2: Dry-Fresh White Pine-Maple-Oak Mixed Forest Ecosite

- FOM7-2: Fresh-Moist White Cedar-Hardwood Mixed Forest Type
- MAM2-2: Reed-cannary Grass Mineral Meadow Marsh Type
- MAS2-1: Cattail Mineral Shallow Marsh Type
- SWC1-2: White Cedar-Conifer Mineral Coniferous Swamp Type

- SWC3: White Cedar Organic Coniferous Swamp Ecosite
- SWC: Coniferous Swamp
- SWM5-1: Red Maple-Conifer Organic Mixed Swamp Type
- SWT3-2: Willow Organic Thicket Swamp Type

Key Map



LEGEND

- Proposed Eglington East LRT Alignment
- Durham Scarborough BRT
- Scarborough Malvern LRT
- Amphibian Monitoring Location
- Breeding Bird Point Count
- Watercourse
- ANSI
- Environmentally Significant Area (CoT)
- Natural Heritage System (CoT)
- Ravine and Natural Feature Protection By-Law
- Regulation Limit (TRCA)
- Waterbody
- Wetland
- Prov. Significant as per OWES

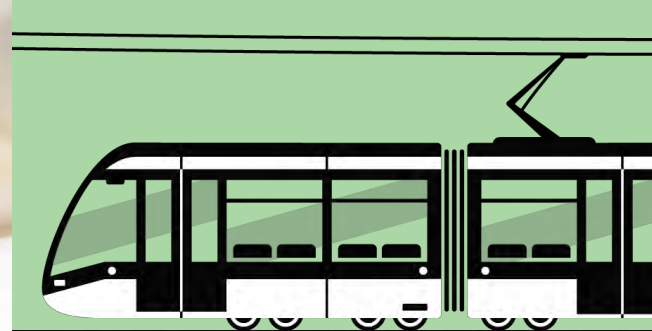


0 50 100 150 200 m

Eglington East LRT Existing Conditions



Project: TA9307	Figure: 3-11
Date: October, 2023	Prepared By: VLG
Scale: 1:4,000	Verified By: GNK



MSF Comments

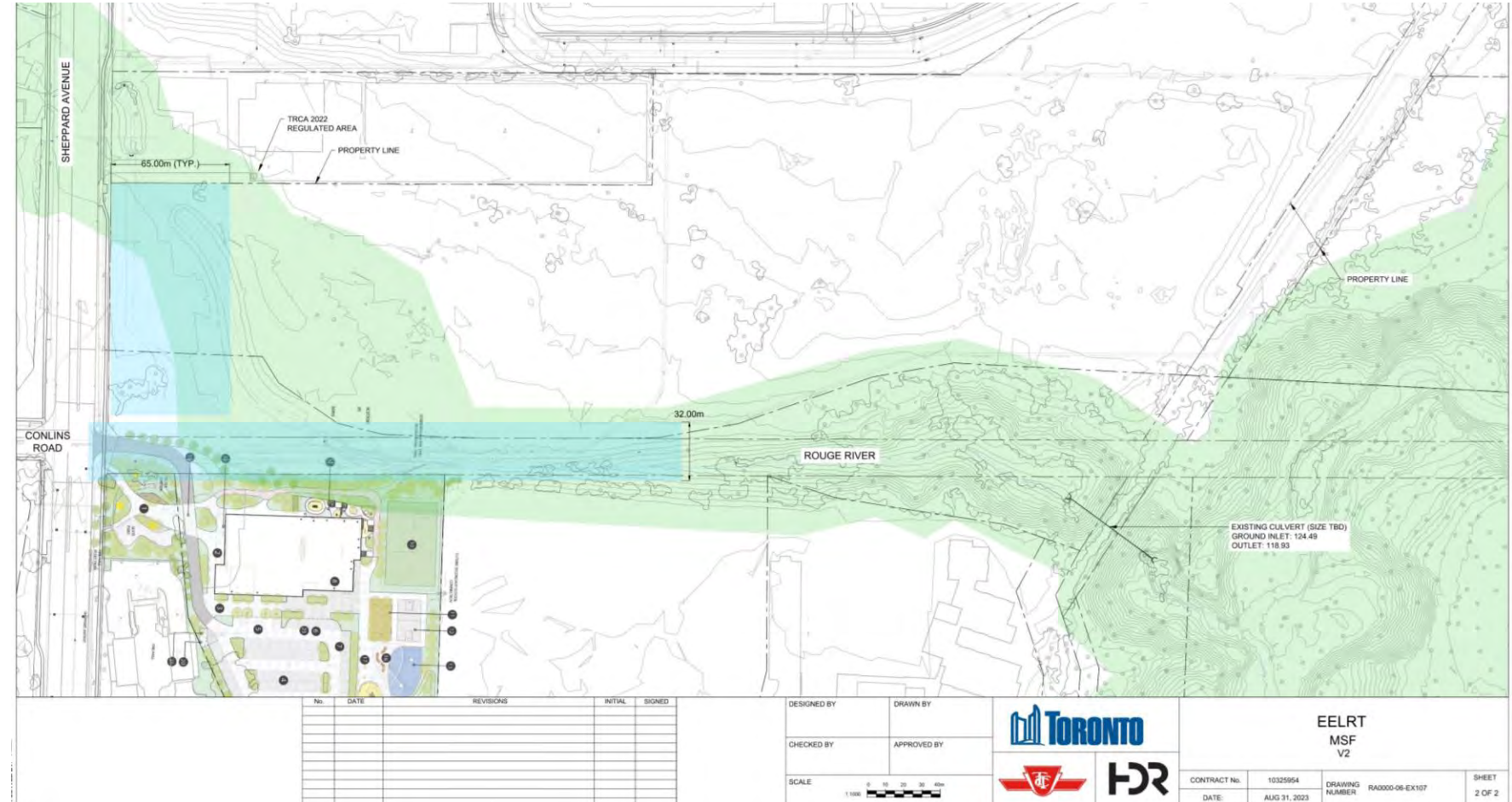
September 2023 Comments

- Note that in addition to the materials reviewed in this project, detailed comments on the Maintenance and Storage Facility (MSF) were provided on September 15, 2023 (TRCA comments). However, the overarching SWM comments on the MSF provided as part of this EPR in the earlier design stages still apply to the separate MSF submission.
 - For the stormwater management, please meet the TRCA SWM Criteria (2012; link here: <https://sustainabletechnologies.ca/app/uploads/2013/01/SWM-Criteria-2012.pdf>). Please note that TRCA requires water quantity controls and erosion hazard controls (also known as the 5mm on-site retention). For water quantity controls, existing peak flows should be met under proposed conditions for the entire catchment area for road right of way. For erosion hazard controls, 5mm on-site retention is required from all impervious surfaces above the initial abstraction. Please note that water quality treatment is required prior to infiltration.
 - For stormwater management, TRCA recommends 80% TSS removal for water quality treatment as part of a treatment train approach. For this recommendation, please note that an OGS sized for 80% TSS removal for 90% of the annual rainfall is credited 50% TSS removal. However, an OGS plus 5mm on-site retention (required as part of erosion hazard control) is credited 80% TSS removal.
- **HDR Response:** *The draft report will be updated to reflect the TRCA stormwater management criteria, and the specific management plan will be determined at detailed design.*

Watercourse Management Plan and Regulation 41/24

As a result of the new regulation, please update the report with the following: **TRCA permits will be required at the detailed design stage under Section 28.1 of the Conservation Authorities Act** (Please see Section 4.4.5 as an example where 166/06 will need to be updated).

- 25 m bottom width for natural channel
- 2.5:1 engineered side slopes (4 m depth)
- 10 m buffers/regulatory allowance
- **Total planning corridor width = 65 m**





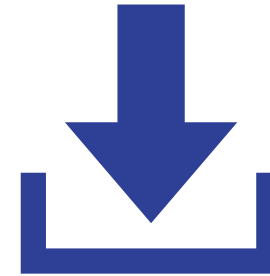
5

Next Steps and Timing

Next Steps



Close out agency comments on
the design and Environmental
Project Report



File TRPAP Notice of Completion
in late summer / early fall



6

Other Business

Nahed, Karim

From: David Brutto <David.Brutto@toronto.ca>
Sent: Friday, June 7, 2024 5:17 PM
To: Paul Leithwood
Cc: Nahed, Karim; Adam Saddo; Caroline Mugo; Edna Cuvin; Gan, Tyrone
Subject: RE: EELRT-TRCA Coordination Meeting #3 Presentation Materials (2023-09-01)

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Paul,

Thanks for following up - no confusion. As noted in the meeting today, the City does not have a timeline at present for subsequent design and has not received final PTE from the property owner to follow through on site investigations, although we would prefer to do that as soon as possible. The City will followup with TRCA accordingly as soon as there is more clarity over the next phase and discussions with the property owner.

David

From: Paul Leithwood <Paul.Leithwood@trca.ca>
Sent: Friday, June 7, 2024 2:48 PM
To: David Brutto <David.Brutto@toronto.ca>
Cc: Nahed, Karim <Karim.Nahed@hdrinc.com>; Adam Saddo <Adam.Saddo@toronto.ca>; Caroline Mugo <Caroline.Mugo@trca.ca>
Subject: [External Sender] FW: EELRT-TRCA Coordination Meeting #3 Presentation Materials (2023-09-01)

Hi David,

Just to clarify my question from the meeting this afternoon, please see attached. Also, following up regarding 30% design and just confirming when that can be anticipated?

Please let me know if there is any confusion.

Paul.

Paul Leithwood, B.URPL (*he/him/his*)

Planner

Infrastructure Planning and Permits | Development and Engineering Services

T: [\(437\) 880-2146](tel:437-880-2146)

E: paul.leithwood@trca.ca

A: [101 Exchange Avenue, Vaughan, ON, L4K 5R6](https://www.trca.ca) | [trca.ca](https://www.trca.ca)



From: Paul Leithwood
Sent: Friday, September 15, 2023 2:29 PM
To: Nahed, Karim <Karim.Nahed@hdrinc.com>
Cc: Gan, Tyrone <tyrone.gan@hdrinc.com>; Anhara, Mahia <Mahia.Anhara@hdrinc.com>; Farrell, Aaron <Aaron.Farrell@hdrinc.com>; Blanchette, Sylvie <MarieSylvie.Blanchette@hdrinc.com>; Adam Saddo <Adam.Saddo@toronto.ca>; David Brutto <David.Brutto@toronto.ca>; Monirul Islam <Monirul.Islam@toronto.ca>; Fatima Movahedinia <Fatima.Movahedinia@toronto.ca>; Michael Robinson (TRA) <Michael.Robinson9@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Stella Gustavson <Stella.Gustavson@toronto.ca>; Caroline Mugo <Caroline.Mugo@trca.ca>; Steve Turco <Steve.Turco@toronto.ca>; Sukhmani Bola <Sukhmani.Bola@trca.ca>
Subject: RE: EELRT-TRCA Coordination Meeting #3 Presentation Materials (2023-09-01)

Hello Karim,

Based on the responses to our comments (see attached) and discussions held during the meeting on September 1, 2023, the TRCA can grant agreement in principle to the 10% design – MSF Site, as our comments will be addressed in the 30% submission. Furthermore, please note that the watercourse corridor sizing has not been confirmed as supporting Fluvial geomorphology and Hydraulic studies are required prior to that. However, we are in agreement in principle with the proposed watercourse corridor approach in the 10% design.

As agreed at the meeting held on September 1st staff will also be going on site (currently coordinating with the City of Toronto).

Please provide an anticipated date for the 30% submission (an approximate date is acceptable) for our review and approval. Also, please send the meeting minutes at your earliest convenience.

Thank you.

Paul Leithwood (he/him/his)

Planner

Infrastructure Planning and Permits | Development and Engineering Services

T: [\(437\) 880-2146](tel:437-880-2146)

E: paul.leithwood@trca.ca

A: [101 Exchange Avenue, Vaughan, ON, L4K 5R6](https://www.trca.ca) | [trca.ca](https://www.trca.ca)



From: Nahed, Karim <Karim.Nahed@hdrinc.com>
Sent: Tuesday, September 5, 2023 2:26 PM
To: Adam Saddo <Adam.Saddo@toronto.ca>; David Brutto <David.Brutto@toronto.ca>; Monirul Islam <Monirul.Islam@toronto.ca>; Fatima Movahedinia <Fatima.Movahedinia@toronto.ca>; Michael Robinson (TRA) <Michael.Robinson9@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Stella Gustavson <Stella.Gustavson@toronto.ca>; Paul Leithwood <Paul.Leithwood@trca.ca>; Caroline Mugo <Caroline.Mugo@trca.ca>; Steve Turco <Steve.Turco@toronto.ca>; Sukhmani Bola <Sukhmani.Bola@trca.ca>
Cc: Gan, Tyrone <tyrone.gan@hdrinc.com>; Anhara, Mahia <Mahia.Anhara@hdrinc.com>; Farrell, Aaron

<Aaron.Farrell@hdrinc.com>; Blanchette, Sylvie <MarieSylvie.Blanchette@hdrinc.com>

Subject: RE: EELRT- TRCA Coordination Meeting #3 Presentation Materials (2023-09-01)

Hi all,

Please see attached the presentation from the TRCA Coordination Meeting 3.

We are looking for the TRCA to provide agreement-in-principle to the proposed watercourse corridor approach for the 10% design of the MSF site by September 22, 2023.

Meeting minutes to come.

Thanks,
Karim

Karim Nahed (He/Him) P.Eng
Assistant Project Manager

HDR
1500 W Georgia St Suite 500
Vancouver, Canada

M 514 654 7172
karim.nahed@hdrinc.com

hdrinc.com/follow-us

-----Original Appointment-----

From: Adam Saddo <Adam.Saddo@toronto.ca>

Sent: Monday, August 28, 2023 3:47 PM

To: Adam Saddo; David Brutto; Edna Cuvin; Monirul Islam; Fatima Movahedinia; Michael Robinson (TRA); Stella Gustavson; Gan, Tyrone; Nahed, Karim; Anhara, Mahia; Paul Leithwood; Caroline Mugo; Farrell, Aaron; Steve Turco; Blanchette, Sylvie; Sukhmani Bola

Subject: EELRT- TRCA Coordination Meeting #3

When: Friday, September 1, 2023 10:00 AM-11:00 AM (UTC-05:00) Eastern Time (US & Canada).

Where:

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi All,

Please find the invitation for the TRCA/EELRT Coordination Meeting #3.

The proposed agenda for this call is provided below:

Agenda

1. Introduction
 - Project Overview
 - Schedule
2. Summary of July 21 Meeting
3. Supplemental Investigations for Pipe Enclosure
4. Proposed Watercourse Management for Site Design
5. Next Steps and Timing

The EELRT project team looks forward to the discussion.

Thanks,

Adam Saddo

Project Coordinator

City of Toronto - Transit Expansion Division

Cell: (437-218-6157)



Adam Saddo invites you to an online meeting using WebEx.

Meeting Number: 2630 399 0185

Meeting Password: Wr8tJc4jQm3

To join this meeting (Now from mobile devices!)

1. Go to <https://toronto.webex.com/toronto/j.php?MTID=mb295e70459962679116da727ab964694>
2. If requested, enter your name and email address.
3. If a password is required, enter the meeting password: Wr8tJc4jQm3
4. Click "Join".
5. Follow the instructions that appear on your screen.

Audio conference information

To receive a call back, provide your phone number when you join the meeting, or call the number below and enter the access code.

Canada Toll: +1-416-915-6530

Canada Toll (Ottawa): +1-613-714-9906

Having trouble dialing in? Try these backup numbers:

Canada Toll: +1-416-915-6530

Access code: 2630 399 0185

Global call-in numbers:

<https://toronto.webex.com/toronto/globalcallin.php?MTID=m2faff038fa1c652784e463fe91da4fd6>

For further support or inquiries contact Web Conferencing Support via e-mail at webconfsupport@bell.ca or by calling 1-866-861-2121 or 905-602-3973.

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IMPORTANT NOTICE: This Webex service includes a feature that allows audio and any documents and other materials exchanged or viewed during the session to be recorded. By joining this session, you automatically consent to such recordings. If you do not consent to the recording, discuss your concerns with the meeting host prior to the start of the recording or do not join the session. Please note that any such recordings may be subject to discovery in the event of litigation.

Nahed, Karim

From: Adam Saddo <Adam.Saddo@toronto.ca>
Sent: Tuesday, June 25, 2024 5:44 PM
To: Sin, Adrian; Nahed, Karim; Grant Kauffman; Farrell, Aaron; Maksachou, Aliaksei; Caroline Mugo; Paul Leithwood; Gan, Tyrone
Cc: David Brutto; Edna Cuvin
Subject: RE: EELRT - TRCA Comments Discussion
Attachments: 2024-06-07_EELRT - TRCA Meeting 4 Presentation.pdf; 2024-06-07_EELRT - TRCA Meeting 4 - Meeting Minutes.pdf

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi all,

Please find the attached presentation deck and meeting minutes from our most recent discussion.
Kindly let me know if there are any comments/edits on the meeting notes provided within 10 business days.

Thanks,

Adam Saddo

Project Coordinator

City of Toronto

Transit Expansion – Stations & Strategic Initiatives

Cell: (437-218-6157)



-----Original Appointment-----

From: Sin, Adrian <Adrian.Sin@hdrinc.com>

Sent: Wednesday, May 22, 2024 5:18 PM

To: Sin, Adrian; David Brutto; Adam Saddo; Nahed, Karim; Grant Kauffman; Farrell, Aaron; Maksachou, Aliaksei; Caroline Mugo; Paul Leithwood

Cc: Gan, Tyrone

Subject: EELRT - TRCA Comments Discussion

When: June 7, 2024 1:30 PM-2:30 PM (UTC-05:00) Eastern Time (US & Canada).

Where: <https://meethdr.webex.com/meethdr/j.php?MTID=m5df05e2dba6f957c76384f1a75bf6f97>

Agenda:

1. Introductions
2. EELRT Project Overview and Status
3. Previous Consultation
4. Review of TRCA Comments on the Environmental Project Report
5. LRT
 - I. SWM Requirements for Existing Road
 - II. Erosion and Geotechnical Hazard Assessments
 - III. Feature Based Water Balance Assessment of PSW
6. MSF
 - I. September 2023 Comments
 - II. Watercourse Management Plan and Regulation 41/24
7. Next Steps and Timing

8. Other Business

-- Do not delete or change any of the following text. --

When it's time, join your Webex meeting here.

Join meeting

More ways to join:

Join from the meeting link

<https://meethdr.webex.com/meethdr/j.php?MTID=m5df05e2dba6f957c76384f1a75bf6f97>

Join by meeting number

Meeting number (access code): 2481 314 6206

Meeting password: bGwJPJJ9W28

Tap to join from a mobile device (attendees only)

[+1-408-418-9388](tel:+14084189388), [24813146206](tel:+14084189388)## United States Toll

Join by phone

[+1-408-418-9388](tel:+14084189388) United States Toll

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Join from a video system or application

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You can also dial 173.243.2.68 and enter your meeting number.

If you are a host, [click here](#) and login site to view host information.

Need help? Go to <https://help.webex.com>

Nahed, Karim

From: Adam Saddo <Adam.Saddo@toronto.ca>
Sent: Friday, July 12, 2024 3:44 PM
To: 'Don Ford'; Sin, Adrian; Edna Cuvin; Nahed, Karim
Cc: David Brutto
Subject: RE: EELRT - CTC Source Protection Meeting [HOLD]
Attachments: 2024-06-13 EELRT - CTC Source Protection Meeting - Rev01.pdf

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Don,

Please see the revised presentation that reflects the comment you provided below.

Regards,

Adam Saddo

Project Coordinator

City of Toronto

Transit Expansion – Stations & Strategic Initiatives

Cell: (437-218-6157)



From: Don Ford <Don.Ford@trca.ca>
Sent: Friday, July 12, 2024 1:08 PM
To: Sin, Adrian <Adrian.Sin@hdrinc.com>; Adam Saddo <Adam.Saddo@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Nahed, Karim <Karim.Nahed@hdrinc.com>
Cc: David Brutto <David.Brutto@toronto.ca>
Subject: [External Sender] Re: EELRT - CTC Source Protection Meeting [HOLD]

Perfect!

Get [Outlook for iOS](#)

From: Sin, Adrian <Adrian.Sin@hdrinc.com>
Sent: Friday, July 12, 2024 4:00:03 PM
To: Don Ford <Don.Ford@trca.ca>; Adam Saddo <Adam.Saddo@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Nahed, Karim <Karim.Nahed@hdrinc.com>
Cc: David Brutto <David.Brutto@toronto.ca>
Subject: RE: EELRT - CTC Source Protection Meeting [HOLD]

EXTERNAL SENDER

Hi Don,

Does this change clarify this point better?

Existing Source Water Protection Featu

- The study area is located in the intake protection zones (IPZ) 2 and 3 (event-based area Horgan Water System)
- Maximum vulnerability score is 4.5
- Coordination with MECP indicated that, transit projects and activities associated with r of the Eglinton East LRT are not considered threats under the Clean Water Act.
- Activities could pose a risk during the construction phase of the project. Particular atte paid if the relocation of any fuel oil pipelines is necessary during construction.
- As identified in the CTC Source Protection Plan (2019), potential moderate and low thre with the Eglinton East LRT pertain to the construction and maintenance phases of the p include:
 - the establishment, operation, or maintenance of a system that collects, stores, transmits, treats, or dispo to stormwater runoff);
 - the storage and application of road salt, and;
 - the storage of snow.



Thanks,

Adrian Sin (he/him)
D 647.777.1698
adrian.sin@hdrinc.com

hdrinc.com/follow-us

 [Book time to meet with me](#)

From: Don Ford <Don.Ford@trca.ca>
Sent: Friday, July 12, 2024 11:01 AM
To: Adam Saddo <Adam.Saddo@toronto.ca>; Edna Cuvin <Edna.Cuvin@toronto.ca>; Sin, Adrian <Adrian.Sin@hdrinc.com>; Nahed, Karim <Karim.Nahed@hdrinc.com>
Cc: David Brutto <David.Brutto@toronto.ca>
Subject: Re: EELRT - CTC Source Protection Meeting [HOLD]

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

My only comment is that the IPZ-3 IS the Event-Based Area. The CTC elected to define the IPZ-3 extents using a 3-D hydrodynamic lake model, and specific events such as a pipeline break, STP failure, major hydrocarbon spill, etc. Hence the term Event-Based Area.

The IPZ-2 was defined based on 2hour time-of-travel in the lake.
Don

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From: Adam Saddo <Adam.Saddo@toronto.ca>
Sent: Friday, July 12, 2024 2:06:12 PM
To: Edna Cuvin <Edna.Cuvin@toronto.ca>; 'Sin, Adrian' <Adrian.Sin@hdrinc.com>; Nahed, Karim <Karim.Nahed@hdrinc.com>; Don Ford <Don.Ford@trca.ca>
Cc: David Brutto <David.Brutto@toronto.ca>
Subject: RE: EELRT - CTC Source Protection Meeting [HOLD]

EXTERNAL SENDER

Hi all,

Please find the meeting presentation and minutes from our discussion on the Eglinton East LRT.
Kindly let TE know if there are any comments on the meeting materials.

Regards,

Adam Saddo

Project Coordinator

City of Toronto

Transit Expansion – Stations & Strategic Initiatives

Cell: (437-218-6157)



-----Original Appointment-----

From: Sin, Adrian <Adrian.Sin@hdrinc.com>
Sent: Thursday, June 6, 2024 10:48 AM
To: Sin, Adrian; Nahed, Karim; Adam Saddo; Don Ford
Cc: David Brutto; Edna Cuvin
Subject: EELRT - CTC Source Protection Meeting [HOLD]
When: June 13, 2024 10:30 AM-11:00 AM (UTC-05:00) Eastern Time (US & Canada).
Where: Microsoft Teams Meeting

HOLD for meeting with CTC. Agenda to come before the meeting.

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 282 907 386 519

Passcode: UspniZ

Dial in by phone

[+1 647-749-9367,,668750848#](#) Canada, Toronto

[Find a local number](#)

Phone conference ID: 668 750 848#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Nahed, Karim

From: David Brutto <David.Brutto@toronto.ca>
Sent: Friday, August 2, 2024 10:22 AM
To: Paul Leithwood
Cc: Adam Saddo; Edna Cuvin; Caroline Mugo; johanna.kyte; Edlyn Wong; Nahed, Karim; Gan, Tyrone; Sin, Adrian
Subject: RE: CFN 68286 - TRPAP Notice of Commencement and EPR (10%) TRCA Response Letter (June 28, 2024)
Attachments: ISSUED 2024-08-02_EELRT EPR - TRCA Responses.pdf

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Paul,

Thank you for TRCA's ongoing participation and coordination in the Eglinton East Light Rail Transit (EELRT) Project 10% design Technical Advisory Committee, and most recently for TRCA's letter with comments on the EELRT draft Environmental Project Report (EPR) provided on May 29, 2024.

Attached are the project team's responses to TRCA submitted letter comments on the draft EPR.

We anticipate launching the final 30-day EPR review period this month and will provide further notice.

The City look forward to further coordination with TRCA in succeeding stages of the project.

Regards,

David L Brutto, MCIP, RPP, MBA
Senior Project Manager, Stations and Strategic Initiatives
Transit Expansion Division
City of Toronto
C: 437-218-6653
david.brutto@toronto.ca

From: Paul Leithwood <Paul.Leithwood@trca.ca>
Sent: Friday, June 28, 2024 3:00 PM
To: David Brutto <David.Brutto@toronto.ca>
Cc: Caroline Mugo <Caroline.Mugo@trca.ca>; Johanna Kyte <johanna.kyte@trca.ca>; Edlyn Wong <Edlyn.Wong@trca.ca>; Bill Snodgrass <Bill.Snodgrass@toronto.ca>; Adam Saddo <Adam.Saddo@toronto.ca>
Subject: [External Sender] CFN 68286 - TRPAP Notice of Commencement and EPR (10%) TRCA Response Letter (June 28, 2024)

Hello David,

TRCA staff have reviewed the materials made available regarding the TRPAP Notice of Commencement provided on May 15, 2024, and the draft Environmental Project Report provided on May 29, 2024, for the Eglinton East Light Rail Transit Project.

Please see our comments in the attached letter. For your convenience, I have attached a Word version of Appendix A to assist with responses.

Please let me know if there are any questions.

Thank you.

Paul Leithwood, B.URPI

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EELRT - Environmental Project Report Comment Tracker

Comments TRCA

* Actions:

- 1 = Will comply
2 = Discuss, clarification required
3 = No new action

** Status:

- O = Open, not resolved
P = Pending, to be confirmed
C = Closed, confirmed complete

Contract Name: EELRT 10% Design and TPAP			Document Name: EELRT - Environmental Project Report								
Transmittal Ref: T018			Distribution Date: (03-08-24)								
Meeting Ref:			Contract Name: EELRT 10% Design and TPAP								
Item No.	Reviewer	Description	Part, Chapter, Sec, Subsec, page, DWG#	TRCA Comment	HDR Response & Details	Action 1 / 2 / 3*	TRCA Follow-up Comment	Status O / P / C**	Project Team Follow-up Response (2 Aug 2024)	Status O / P / C**	
14 September 2023 Comments											
1		General		1. For the Conlins MSF, the limits for flood plain, drip line, and top of bank (TOB) / long term stable TOB will need to be established at the EA stage. A 10 m development setback from the greatest inland hazard should then be applied to the site. Hazard limits and setbacks should be established for the top and eastern edges, and possibly the southern section based on existing conditions updates and modelling, depending on where the TOB and flood plain land. This should all be identified in a high level figure at this stage as this will impact facility design.	Discussion required with TRCA as the subject area is an online stormwater management facility.		Comment deferred to 30% design.	C			
2		General		2. TRCA staff requests that a site visit be arranged to investigate and delineate/stake the boundaries of the features at the Conlins MSF site, specifically wetland and dripline, prior to subsequent design stages. Top of bank staking is referenced in the next section.	No site visits are proposed to be undertaken for the purposes of drainage and stormwater management as part of 10% design and TPAP. This item can be included as a commitment for future phases to confirm the boundaries of features prior to 30% design.		Site visit to be scheduled for Fall 2023.	C			
3		Geotechnical		3. For the Conlins MSF, the geotechnical study should determine the erosion hazard limits around the site. A 10 m setback will need to be established from the erosion hazard (or the greatest inland hazard including flood plain).	Noted.						
4		Geotechnical		4. In addition, the MSF top of bank will need to be identified as part of the process. A top of bank staking by TRCA staff may be needed in addition to the slope stability study to determine the erosion hazard limits.	Noted. This will be done in future phases of design.		Site visit to be scheduled for Fall 2023.	C			
5		Planning Ecology		5. Please include a commitment to provide an NHIS at the EA stage. The Morningside-Highland Creek Valley –embankment works need to be assessed to evaluate the impact of the works on the Provincially Significant Highland Creek – Morningside Wetland Complex and valley. Furthermore, a commitment to minimizing and mitigating the impacts to the wetland complex/associated valley and providing appropriate restoration and compensation in instances of unavoidable loss needs to be provided. These provisions should further be built into the project design.	A Natural heritage impact study will be completed at the TPAP stage to identify impacts and mitigations to natural features. Discussion required with TRCA as the subject area is an online stormwater management facility.						
6		Water Resources		6. Please note that at the 30% design stage, a hydraulic analysis is required for all crossings and the MSF site area. For the two (2) crossings at Sheppard Avenue where it seems that the bridge will be widened, the hydraulic analysis should inform the proposed bridge span to ensure that there are no impacts to the 2-year to 100-year, and Regional design storm water surface elevations and velocities under proposed conditions when compared to existing conditions. For the Morningside crossing, it seems that the bridge will not be widened; however, there will be minimal impacts to the road right of way immediately north and south of the existing bridge, and as such, a hydraulic analysis will be required to confirm that there are no impacts to the 2-year to 100-year, and Regional design storm water surface elevations and velocities under proposed conditions when compared to existing conditions. As per the meeting discussion, it is noted that the project team will prevent any encroachment within the Highland Creek floodplains to the degree technically feasible, by minimizing road right of way width and through the use of retaining walls	Noted. This will be included in the EPR as a commitment for future design phase.						
7		Water Resources		7.For the MSF site, as per meeting discussion, please update the existing TRCA HEC-RAS model with an updated existing conditions to update the 2-year to 100-year design storms and Regional floodplain. The updated HEC-RAS model and hydraulic report with supporting information (topographic survey, bathymetric survey and/or as-built drawings to verify existing conditions) should be submitted to TRCA for review and comment at the earliest opportunity. Please ensure that there is a minimum 10 m setback from the updated TRCA Regulatory floodplain and the proposed development, or the greater of the hazard limit (including long term stable top of bank).	The HEC-RAS modelling will be updated, subject to clarification of study requirements given the use of the area for online stormwater management. Discussion also required regarding acceptable methodology for assessing hydraulics of the closed conduit.		Comment deferred to 30% design.	C			
8		Water Resources		8.At 30% design, a fluvial geomorphology study is required for the Morningside crossing to inform any erosion protection measures for the existing bridge abutments, and due to the enlargement of the road right of way on both sides of the existing bridge.	Noted. This will be included in the EPR as a commitment for future design phases.						
9		Water Resources		9.A conceptual incremental and cumulative cut and fill analysis is required at the 30% design stage at every 0.3 m increment for the 2-year to 100-year design storms and the Regional design storms for all crossings. The cut and fill analysis can be further refined based on topographic data and grading during the 60% design stage. This is to ensure that there is no loss in riparian storage due to the proposed works.	Noted. This will be included in the EPR as a commitment for future design phases.						
10		Water Resources		10.For the stormwater management, please meet the TRCA SWM Criteria (2012; link here: https://sustainabletechnologies.ca/app/uploads/2013/01/SWM-Criteria-2012.pdf). Please note that TRCA requires water quantity controls and erosion hazard controls (also known as the 5mm on-site retention). For water quantity controls, existing peak flows should be met under proposed conditions for the entire catchment area for road right of way. For erosion hazard controls, 5mm on-site retention is required from all impervious surfaces above the initial abstraction. Please note that water quality treatment is required prior to infiltration.	This will be addressed through the development of the stormwater management plan for the subject property.						
11		Water Resources		11.For stormwater management, TRCA recommends 80% TSS removal for water quality treatment as part of a treatment train approach. For this recommendation, please note that an OGS sized for 80% TSS removal for 90% of the annual rainfall is credited 50% TSS removal. However, an OGS plus 5mm on-site retention (required as part of erosion hazard control) is credited 80% TSS removal.	This will be addressed through the development of the stormwater management plan for the subject property.						
12		Water Resources		12.In addition, in the meeting minutes, please revise the wording in Section 4 to, "If the watercourse is fully concrete, a fluvial geomorphology study would not be needed. However, if a watercourse is only partially concrete, then a fluvial geomorphology assessment is required at the 30% design stage."	Noted. Will comply						
EPR Comments (08 March 2024)											
1	Paul Leithwood		Email Response to EPR Circulation	<p>City: See below. Since we are aware of the new regulations we should begin updating the report to reflect, including the appropriate future commitments. I think we should begin to plan out a meeting with TRCA before NOC to help ward off any risks to our timeline.</p> <p>TRCA: Thank you for your patience. Our technical staff are still reviewing the draft EELRT Environmental Project Report. I am anticipating comments to be turnaround Thursday of this week and I am aiming to have our formal response to you by Wednesday April 17.</p> <p>I apologize for the delay in our comments and communication, as you are more than likely aware we are undertaking the implementation of our new regulation that came into effect on April 1, 2024, and this has impacted our timelines.</p> <p>In the meantime, please reach out if you have any questions or concerns.</p>	<p>Future commitments will be updated.</p> <p>The previous Conservation Authority regulations were replaced by the attached O.reg 41/24. With respect to the MSF site, the provision of most significance is the Regulatory Allowance for TRCA is now 15 m from the greatest natural hazard; the Authority was previously applying a 10 m regulatory allowance for the reach through the MSF site.</p> <p>When the project starts-up again, it is suggested a meeting with TRCA to review the previously established corridor configuration, and confirm whether or not revisions would required in light of the attached. FYI, the attached also makes provisions for some works within the limits of the regulated area, which would not require permit or approval. I don't see much wiggle room for the MSF site specifically, however that would nevertheless be something to broach with TRCA once the project starts-up again.</p>	3		C			

