
APPENDIX H

Consultation

APPENDIX H

CONSULTATION SUMMARY

4 PIC #1 Comments

The following comments were collected at the PIC #1 on September 17, 2024. The comment form is appended in Appendix H3.

Name	Comment
Kirby Jones	Most welcoming, knowledgeable, affable, enjoyable to meet and explore the study with.

5 PIC #2 Comments

The following comments were received through online submission following PIC #2 on June 11, 2025. The comment table is appended in Appendix H4.

Name	Date	Comment
Bret Timmis	June 17, 2025	Please optimize work to minimize removal of mature trees. Post construction tree planting should prioritize white pine which has negligible juvenile population in this valley.

The following resident responses were received by email prior to or following the PIC. Copies of the emailed responses are appended in Appendix H4.

Name	Date	Comment
Charlotte Russel	June 9, 2025	<p>Hello –</p> <p>Just wondering whether anyone is looking into the draining of pools on the east side of Morrison Creek, south of Upper Middle?</p> <p>We walk daily on the trail on the east side and, particularly in the spring, have noticed that a number of owners appear to be draining their pools out the back of their properties and it is eroding the trail (and pooling) and therefore probably going down the hill to the creek. Not sure of the impact to the creek walls, but the trail stays muddy for weeks.</p> <p>Thanks - Charlotte</p>
Forrest Hu	June 12, 2025	<p>Hello Jing,</p> <p>It is unfortunately that I was not able to present PIC last night as my wife was sick since Monday.</p> <p>I was wondering if any significant information I might be missing or any information about 1200 Lambeth Rd you require further from me ?</p> <p>Thank you and Best Regards, Forrest</p>
Jamie Reddekopp	June 15, 2025	<p>Hi Jing,</p> <p>Unfortunately we were out of town last week when the latest Erosion Study results were shared. The links in the letter we received and in the note below don't appear to be working.</p>

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Name	Date	Comment
		<p>Could you please forward us the material that was covered? What was the outcome of the meeting/next steps?</p> <p>Thank you. Jamie Reddekopp Resident at 1272 Hillview Cres.</p>

6 Agency Consultation Comments

Comments received from Conservation Halton and responses are provided in Appendix H5.

7 Indigenous Consultation Responses

The following responses were received from Indigenous communities to date. Copies of the emailed responses and comments are appended in Appendix H6.

Community	Date	Comment
Six Nations of the Grand River	September 11, 2024	<p>Good morning Jing,</p> <p>Please add my email to future notifications and forward me the alternatives and any natural environmental studies when available. Per MECP guidance, we charge for EA work: \$125 for document review and comment and \$1,250 for meetings.</p> <p>Thank you,</p> <p>Peter Graham Consultation Supervisor Six Nations of the Grand River Elected Council</p>
Six Nations of the Grand River	June 3, 2025	<p>Good Morning,</p> <p>I am just emailing to request project documents associated with the Oakville East Morrison Creek Erosion Mitigation Study at your earliest convenience. Specifically, Environmental, Cultural and Hydrological documents.</p> <p>Thank you,</p> <p>Niá:wen and Kind regards,</p> <p>Lauren Jones, BSc Wildlife and Stewardship Manager, Lands and Resources Six Nations of the Grand River Elected Council</p> <p>P (519) 445-0330 ext. 4438 A 109-1721 Chiefswood Road (P.O. Box 5000), Ohsweken ON NOA 1M0</p>

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CONSULTATION SUMMARY

Community	Date	Comment
Six Nations of the Grand River	March 9, 2026	<p>Sekon [say-goh] (Hello) Abby,</p> <p>Thank you for reaching out to Six Nations of the Grand River Elected Council (SNGREC) regarding the Town of Oakville's East Morrison Creek Draft ESR Erosion Mitigation EA Study.</p> <p>Included are my environmental comments on behalf of SNGREC regarding this EA study.</p> <p>[See Appendix H6 for full list of comments and responses]</p> <p>SNGREC requests that if plant species important to indigenous communities (see Six Nations Significant Plant List) are found and may be impacted, proponents contact Kayanase Restoration Company to collaborate on seed and plant collection and rescue. Contact details found later in this document.</p> <p>Kayanase Six Nations Native Plant Nursery and Restoration Company https://www.kayanase.ca/ By Telephone: 519-770-0013 or 519-732-6668 or 519-751-0568 to contact a Department Lead Nursery: sales@kayanase.ca Ecological Services: restoration@kayanase.ca In Person: Office Hours Monday to Friday: 8am to 4:30pm</p> <p>Thank you for taking my comments. I look forward to hearing and collaborating more on this project. Please do not hesitate to reach out if you have any questions or concerns.</p> <p>Niá:wen (thank you), Emmett Vanson, BSc., Grad. Cert. (he/him) Land Use and Stewardship Technician Six Nations of the Grand River Elected Council - Lands and Resources Department - Consultation and Accommodation Process Team lrlust@sixnations.ca</p>

8 Town Archaeology Comments

Comments from the Town of Oakville's planning group relating to the archaeology assessment are provided in Appendix H7.

9 Notice of Study Completion

The Notice of Study Completion is provided in Appendix H8.

APPENDIX H5a Meeting Minutes



MEETING MINUTES

DATE: September 13, 2023

LOCATION: Town of Oakville

SUBJECT: Morrison Creek Erosion Mitigation EA Study – CH Pre-consultation (Matrix file: 36236)

ATTENDEES: Jing Liu (Town of Oakville) Alex Lenarduzzi (Conservation Halton)
Diana Michalakos (Town of Oakville) Tanya Martel (Conservation Halton)
Michael Chislet (Town of Oakville) Sean Stewart (Conservation Halton)

Roger Phillips (Matrix) Philip Kelly (Town of Oakville) – attended
Phil Campbell (Matrix) site visit
Amy Nicoll (Matrix)

MINUTES BY: Amy Nicoll (Matrix)

REVIEWED BY: Roger Phillips (Matrix)

AGENDA ITEMS

Pre-Consultation Meeting Agenda

Meeting 1:00 – 2:30 PM

1. Introductions
2. Study Area
3. Project Work Plan
4. Project Schedule
5. Discussion and CH Checklist

Site Walk 2:30 – 4:00 PM

6. Safety Moment
7. Site Walk ES-1 to ES-15
8. Alternative Solutions Revisited

ACTION ITEMS

SUMMARY	ACTION REQUIRED	PERSON RESPONSIBLE	ACTION DUE DATE
<p><u>CH Review</u> - D.M. requested Conservation Halton (CH) to identify the components of the study that CH will review.</p>	<p>CH to provide checklist to project team</p>	<p>Sean Stewart</p>	<p>October 2023</p>
<p><u>Erosion sites</u> - R.P. introduced the study area and noted 23 erosion sites were previously identified. While additional sites may be identified through the current study, the 23 sites already identified are the focus the study. R.P. noted that Matrix expects some site may not require intervention.</p>	<p>-</p>	<p>-</p>	<p>-</p>
<p><u>Resident interest</u> - Team discussed Erosion Site 4 and past communication between residents of 1359 White Oaks with the Town regarding this site. Town staff underscored that the project must clearly convey what the study includes and does not include to manage expectations of the public. The project is to address fluvial erosion rather than slope oversteepening. R.P. confirmed the communication about actual risks and education about upland drainage will be part of the project. D.M. noted that the Town expects some feedback from the public about past delays in commencing this project.</p>	<p>-</p>	<p>-</p>	<p>-</p>
<p><u>Buried infrastructure</u> - R.P. noted conflicting information in map sets about presence of a sewer crossing below the Tributary to Morrison Creek. Matrix to review as-built drawings provided by Town to confirm. Town to request sanitary sewer geodatabase from the Region for additional confirmation. P.C. noted that Matrix's current understanding is that the creek corridor is clear of Region infrastructure.</p>	<p>Matrix to review drawings</p> <p>Town to request database</p>	<p>Roger Phillips (Matrix)</p> <p>Jing Liu (Town)</p>	<p>October 2023</p>
<p><u>PICs</u> - D.M. noted that under the new process, PIC materials are to be provided to the Town councillors and mayor and as such will require a longer timeframe to approve PIC materials. CH will also review PIC materials.</p>	<p>Matrix to review PIC schedule to incorporate review period</p>	<p>Roger Phillips (Matrix)</p>	<p>December 2023</p>

SUMMARY	ACTION REQUIRED	PERSON RESPONSIBLE	ACTION DUE DATE
<u>PICs</u> - The Town noted that PICs may take place both virtually and in person. D.M. noted that it would be of value to have a representative from CH present at the PICs.	-		
<u>NOA</u> - J.L. mentioned the notice of assessment will go out late September / early October.	-		
<u>CH contact</u> - S.S. confirmed that he will be the lead contact at CH for this project until further notice.	-		
<u>Lidar</u> – J.L. noted that there is an unresolved issue with the Town’s LiDAR datum and noted that if the LiDAR and survey do not agree, it is a known issue. A.L. noted that CH’s HEC-RAS is on 2013 datum.	-		
<u>HEC-RAS</u> – R.P. noted that the Tributary to Morrison Creek is not in the HEC-RAS modeling reviewed to date. A.L. will check if any earlier information exists. Erosion sites will be confirmed. As any design would not increase flood risk the team discussed possibility of using flow approximations for design purposes rather than updating the model.	CH to check for any earlier hydraulic modeling of tributary	Alex Lenarduzzi	October
<u>Ecology</u> – CH will provide any local fish data to study team. D.M. asked if any bat assessments would be required. None are formally scoped but enough information will be collected to identify any issues. T.M. noted that team can contact Elisa Bernier at Town (formerly CH) to request a review of the ecology scope to identify any gaps. Matrix will schedule Ecology fieldwork as soon as possible.	CH will provide any local fish data, review of ecology scope Matrix to schedule ecology fieldwork	Tawnya Martel – fish data Elisa Bernier – scope review Amy Nicoll - Matrix	September
<u>Wetlands</u> – T.M. confirmed that there is one small wetland pocket within the study area near the downstream study limits.	-		

SUMMARY	ACTION REQUIRED	PERSON RESPONSIBLE	ACTION DUE DATE
<u>Implementation</u> – The Town noted that any proposed “do nothing” sites must ensure that future site access does not interfere with remedial works to be completed in the interim. Matrix proposed to include an implementation plan in deliverables to foresee and address potential issues.	-	-	
<u>Green infrastructure</u> – The Town noted that the Council’s mandate is to consider green infrastructure first. Matrix confirmed preliminary designs will incorporate elements such as live stakes within armour stone.	-	-	
<u>Climate change</u> – The Town noted that climate change should be considered in the assessment and that options that are more adaptable to potential future conditions should be considered. A.L. noted that the wider floodplains are generally preferred to accommodate more downed trees and ice jams in future conditions.	-	-	
<u>CH consultation</u> – R.P. asked CH if they prefer to receive information between submissions. A.L. confirmed that receiving information between submissions and prior to meetings is welcome.	-	-	
Site walk			
<u>Gabion basket</u> – Matrix to review infrastructure drawings to confirm age of existing gabion basket at Site 4 and follow up with the Town.	Matrix to review drawings	Phil Campbell	September 2023
<u>Pedestrian bridges</u> – Pedestrian bridges are not included in the HEC-RAS model. J.L. asked if these need to be incorporated to evaluate low flow conditions. Matrix to review and confirm.	Matrix to review and confirm.	Matrix WR staff	October 2023

MEETING MINUTES

DATE: June 18, 2025

LOCATION: Teams

SUBJECT: East Morrison Creek Erosion Mitigation EA Study – PIC Slide Review Meeting (Montrose file: 36236)

ATTENDEES: Jing Liu (Town of Oakville) Sean Stewart (Conservation Halton)
Diana Michalakos (Town of Oakville) Alex Lenarduzzi (Conservation Halton)
Karen Reis (Town of Oakville) Tawnia Martel (Conservation Halton)
Elise Bernier (Town of Oakville) Adam Heizer (Conservation Halton)
Roger Phillips (Montrose)
Adam Luke (Montrose)

MINUTES BY: Abby Yates (Montrose)

REVIEWED BY: Roger Phillips (Montrose)

AGENDA ITEMS

Meeting Agenda

Meeting 10 – 11 AM

1. Preconsultation Meeting #1 (Sept 2023)
2. Progress Report #1 and PIC #1 (Sept 2024)
3. Alternatives Evaluation Memo (Feb 2025)
4. PIC #2 (June 2025)
5. EA Study Completion (2025)
 - Progress Report #2
 - Preliminary Designs
 - Draft and Final ESR
6. Questions and Discussion – Conservation Halton EA Checklist (2023)

SUMMARY & ACTION ITEMS

SUMMARY	ACTION REQUIRED	PERSON RESPONSIBLE	ACTION DUE DATE
<p><u>Preconsultation Meeting #1</u> - Meeting and site walk was held in September 2023.</p>	-	-	-
<p><u>Project Background</u> - R.P. introduced the study area and project background as well as the documents that have been provided to CH for review.</p> <p>The study area was identified through the Town’s erosion inventory as a priority long reach of concern including 23 erosion sites. Montrose added a 24th erosion site. About half of these 24 sites were considered higher priority based on the erosion site scoring system and proceed through the EA evaluation. These sites were located downstream of Upper Middle Road. The remaining sites upstream of Upper Middle Road were considered lower priority and are to be monitored as part of the Town’s 5-year cycle of erosion monitoring.</p>	-	-	-
<p><u>Progress Report #1 and PIC#1</u> - R.P. provided an overview of these documents.</p> <p>Progress Report #1 includes PIC#1 materials which was held in September 2024. Progress Report #1 (January 2025) outlines existing conditions including geotechnical assessments, hydraulic assessments, fluvial geomorphology and erosion assessments, infrastructure assessments, an assessment of impacts following the large storm event in July 2024, as well as scoped ecological studies (ELC and aquatic assessment).</p>	Documents to be reviewed by CH and comments provided	Sean Stewart	July 4

SUMMARY	ACTION REQUIRED	PERSON RESPONSIBLE	ACTION DUE DATE
<p><u>Alternative Evaluation Memo</u> - Evaluation criteria were introduced in PIC#1 and Progress Report #1 but further developed and presented in the Alternative Evaluation Memo issued to the Town in February 2025. The alternative evaluation is also outlined in PIC#2.</p> <p>Three criteria were defined under each category of physical/natural environment, social/cultural, economic, and technical/engineering and given a score of 1 to 5 for each site for a total out of 60. Six erosion sites scored as selective works and were combined into 3 projects. Continuous monitoring was selected as the preferred alternative for the remaining 6 sites.</p>	<p>Memo to be reviewed by CH and comments provided</p>	<p>Sean Stewart</p>	<p>July 4</p>
<p><u>PIC #2</u> - R.P. provided a review of the PIC materials including the alternative evaluation and concept designs. Preliminary cost estimates and preliminary estimates for tree removals are included with the preliminary designs. The tree impacts will be refined through subsequent reporting with additional data from a tree inventory completed last week.</p>	<p>Documents to be reviewed by CH and comments provided</p>	<p>Sean Stewart</p>	<p>July 4</p>
<p><u>Sites E4 & E24</u> - Eroding valley slope with private residential properties at top of slope. Preliminary concept is to shift channel slightly away from toe of slope (~3-5 m) and replace existing gabion baskets and unprotected slope with an armourstone wall.</p> <p>East Morrison Creek is a shale bedrock system; therefore, the use of flagstone, similar to platy native material is being proposed. The Town has experience with this at Munn’s Creek.</p>	<p>-</p>	<p>-</p>	<p>-</p>

SUMMARY	ACTION REQUIRED	PERSON RESPONSIBLE	ACTION DUE DATE
<p><u>Sites E5, E6, E7</u> - These sites are located just upstream of E4/E24. Preliminary concept to realign channel at E5 and remove existing gabion baskets constricting channel and potential upgrading the pedestrian bridge to a wider span. The concept at E6 involves addressing scour around a stormwater outfall. The concept at E7 involves potential realignment or erosion protection at the base of a slope near the condo property using a vegetated flagstone buttress.</p>	-	-	-
<p><u>Site E11</u> - This site is located on the tributary and involves a trail and sanitary sewer crossing. The culvert at this location has degraded and the preliminary design proposes a slip liner to reinforce the pipe and armourstone headwalls to mitigate the existing scour and instability.</p>	-	-	-
<p><u>Progress Report #2 (EA Phase 2 and 3)</u> - R.P. summarized next steps for Progress Report #2 and EA completion.</p> <p>Montrose is currently working on this report. It will build on what was in Progress Report #1 with the following additions:</p> <ul style="list-style-type: none"> • Incorporate alternative evaluation • Preliminary design plans • ROM cost estimates • Scoped tree inventory and potential SAR habitat • Add CH benthic data • Document public stakeholder input 	Montrose to complete Progress Report #2	Roger Phillips	August* *Timing Pending CH Comments
<p><u>Draft and Final ESR (EA Phase 4)</u> - Summarized by R.P.</p> <p>Following Progress Report #2, Montrose will complete the draft and final ESR involving the following:</p> <ul style="list-style-type: none"> • Compile progress reports for project file • Notice of completion • Public review period 	Montrose to complete Draft and Final ESR	Roger Phillips	Fall 2025

SUMMARY	ACTION REQUIRED	PERSON RESPONSIBLE	ACTION DUE DATE
<p><u>Implementation (Phase 5)</u> - Summarized by R.P.</p> <p>This is future work not part of the current study and is subject to Town budget approval. It will include 3 erosion mitigation project (6 erosion sites) as well as continuous monitoring at 6 additional sites (annual for 5 years). The remaining 12 sites will be inspected in regular Town-wide erosion inventory monitoring programs (5-year cycle).</p>	-	-	-
<p><u>CH EA Checklist</u> - Montrose reviewed the checklist provided by CH. Few items not fully covered or outstanding that will need to be incorporated into ESR. CH noted that the checklist is out of date due to changes in provincial regulations.</p>			
<p><u>Geotechnical Investigations</u> - Alex L. asked if detailed geotechnical investigations are going to be complete. R.P. expects boreholes and detailed geotechnical investigations will be required but will be incorporated in the detailed design process. As part of preliminary design, Montrose will provide the Town with recommendations for detailed design.</p>	Montrose to include recommendations for detailed design with preliminary designs	Roger Phillips	
<p><u>Hydraulic Modelling</u> - Montrose will be doing an EA level update to the existing model for proof of concept. Some cross sections will be slightly modified but no significant changes to floodlines are expected. Alex L. confirmed that detailed hydraulic modelling will be required at detailed design to document potential changes due to proposed design and confirm CH floodline requirements are met.</p> <p>Montrose previously added the tributary to the model. Pedestrian bridges were not added but flooding is not a key criterion in this project given the valley. The CH regulatory model does not include the tributary. CH to review and consider update their model to include the tributary.</p>	Montrose to provide updated model to CH with ESR reporting	Roger Phillips	

SUMMARY	ACTION REQUIRED	PERSON RESPONSIBLE	ACTION DUE DATE
<p><u>Erosion Hazard</u> - CH asked about channel realignment to ensure the channel planform is not shifting closer to the other valley wall or increasing the regulatory erosion hazard on properties. CH commented to be clear that risk mitigation is different than hazard mitigation.</p> <p>R.P. confirmed that based on the preliminary design the planform shift is about half the existing bankfull channel width (~5m) but to be refined through detailed design based on geotechnical requirements and limiting tree removals. Current erosion hazard guidelines don't credit erosion protection measures so removal of gabion baskets at E5 won't change erosion hazard.</p>	<p>Montrose to confirm language in subsequent reporting</p>	<p>Roger Phillips</p>	<p>-</p>
<p><u>Private Property</u> - J.L. indicated that some of the proposed works are within private property and easement may be required at detailed design. Alex L. asked if the Town is going to try to get a high-level preliminary agreement for private property owners at this stage.</p> <p>The Town will consider engaging with landowners at this stage. For similar projects (like Munn's Creek) the Town had early discussions through the EA process with landowners to make them aware.</p>	<p>Town to consider engaging with landowners within proposed work areas at EA stage.</p>	<p>Jing Liu</p>	
<p><u>Natural Heritage Screening and Tree Inventory</u> - Montrose recently completed additional ecology fieldwork including natural heritage screening and high-level tree inventory (GPS location, DBH, and species) in the proposed work areas which will be added to Progress Report #2. Adam L. provided a summary of the fieldwork and findings. The goal was to get a rough idea of trees being removed, species composition and sizing. Tree composition is mixed hardwood with a couple of hemlocks and white pines. Roughly 400-500 trees within the work areas. Potential SAR was assessed, to be confirmed in subsequent reporting.</p>	<p>Montrose to provide NH and tree data in Progress Report #2</p>	<p>Roger Phillips and Adam Luke</p>	

SUMMARY	ACTION REQUIRED	PERSON RESPONSIBLE	ACTION DUE DATE
<p><u>Tree Removals and Compensation</u> - The Town's policy on tree removal compensation is based on canopy coverage. Due to the number of tree removals, it may not be possible to replace the requirement within the site so alternative compensation options may need to be considered. Regulators and Indigenous partners may also comment on compensation ratios.</p> <p>T.M. confirmed CH does not have guidelines/requirements on tree replacement. They would be more concerned with what is planted in the disturbed areas.</p>	<p>Town to have their Forestry department review the EA/visit site regarding tree removals</p>	<p>Jing Liu</p>	
<p><u>Bats</u> - Montrose looked at bat habitat during the recent fieldwork. One tree was identified with high potential for being good quality bat cavity. Montrose to confirm location to determine if removal is required. Bat box could be included as compensation if removal is required.</p>	<p>Montrose to confirm location of tree for bat habitat</p>	<p>Adam Luke</p>	
<p><u>Wetlands</u> - There is one small wetland in the study area that is not near any of the proposed work areas. Montrose to add mapping of wetland to figures. T.M. also recommended adding a small section in the text indication no PSWs in the study area and describe one local one in study area but no impacts as outside proposed work areas.</p>	<p>Montrose to add wetland mapping to figures and description in Progress Report #2/ESR</p>	<p>Roger Phillips and Adam Luke</p>	
<p><u>Fish Passage</u> - K.R. noted fish passage concern at E11 and recommended adding a note to the report for justification (i.e. storm sewer not far upstream). Scour pool to be constructed upstream and downstream.</p>	<p>Montrose to add note to Progress Report #2/ESR</p>	<p>Roger Phillips</p>	
<p><u>CH Review Fee</u> - S.S. said they have not received the review fee which is required before formal comments can be sent out.</p>	<p>Town to pay review fee</p>	<p>Jing Liu</p>	

APPENDIX H5b

Conservation Halton (CH) Comments



Comment #	Topic/Section	CH – First Submission Comments [July 16, 2025]	Recommended stage for comment to be addressed	Montrose Response
Progress Report #1 – Phase 1 and 2				
1	Section 3.4.5 Erosion Hazards	1. On page 27/28, include a statement that the stable top of slope analysis is not intended to delineate the erosion hazard for regulatory purposes.	Final Report	Text revised to include this note.
		2. On page 28, include a note that engineering and channel design may reduce erosion risk but may not reduce erosion hazard limits.		Text revised to include this note.
2	Section 3.5 Ecological Studies and Inventories	3. To more comprehensively classify the existing natural heritage condition, include a section that discusses and describes (i.e., ELC and wetland type) the presence or absence of Provincial Significant Wetlands (PSW) and other wetlands in the study area.	Final Report	The text has been revised to incorporate this comment. Section 3.5.1.3 was added to discuss the PSW and CH wetland hazards in/near the study area.
		a) Include a discussion on whether there are any anticipated impacts to the wetland. This should encompass both direct and indirect effects, considering factors such as changes in hydrology, vegetation, and potential disturbance during construction or ongoing operations. Clearly identify if impacts are expected, and if so, describe their nature, extent, duration, and any proposed mitigation measures.		The text has been revised to incorporate this comment.
3	Figure 8	Revise figure title to “approximate erosion hazard assessment”.	Final Report	Figure title revised.
4	Figure 11	Update figure to include CH’s mapped wetland.	Final Report	Wetland mapping including CH wetland hazards was added to Figure 11.
5	Appendix D: Draft Geotechnical Slope Stability Hazard and Risk Assessment	a) CH staff note that toe erosion protection is typically not credited in reducing the toe erosion allowance. Future delineation of erosion hazards should reflect this.	Final Report	Note added to Section 3.2 of Final Report (Summary of Geotechnical Assessment).
		4. Include text clarifying the results of this assessment do not constitute update of East Morrison Creek erosion hazard limits for regulatory purposes.		Note added to Section 3.2 of Final Report (Summary of Geotechnical Assessment).
Alternatives Evaluation Memo				
6	Section 2.3 Alternative 3: Selective Works	Include text stating this alternative would likely not reduce erosion hazards impacting private property.	Final Report	Note added to Section 4.1.3.
7	Section 2.4 Alternative 4: Reach-scale Channel Engineering	Include text stating this alternative may not reduce erosion hazards impacting private property.	Final Report	Note added to Section 4.1.4.
PIC #2 Slides				
8		Noting additional details were provided in the PIC #2 slides regarding preliminary design, the following comments are noted and can be addressed in the 2 nd progress report. CH staff also request inclusion of a commitments list for future detailed design considerations, which may incorporate some or all of these comments:	Future Progress Report #2	Acknowledged. CH comments are included in the consultation appendix of the ESR, providing a record of comment responses, report revisions, and considerations for detailed design.
		a) Where recommendation is to realign creek away from the slope, CH staff would appreciate inclusion of the toe erosion allowance on preliminary design drawings to confirm no impact to erosion hazard on the opposite bank.		Revised text has been included in the ESR report as per CH comments above and requested revisions. Typically, the erosion hazard is not included design drawings, so it has not been added in this case.
		5. Consider replacement of the lower portion of the outfall pipe at E6 to have an lower invert, or to replace a portion of the concrete outfall structure with a cascade feature that would dissipate energy. CH staff will review preliminary design details further in the subsequent submission.		This consideration can be made at the detailed design stage.
		b) Confirm why replacement of the existing culvert has not been proposed at Site E11.		A slip-liner with retaining wall slope reinforcement is the recommended approach to minimize the required earth and infrastructure works, and corresponding area of disturbance, including tree removals. Replacement of the existing culvert would require replacement of the sanitary sewer, which would significantly increase the cost, including the environmental disturbance. The subject tributary is also considered ephemeral to intermittent, and therefore has minimal fish habitat potential, and as such there would not be significant benefits to aquatic habitat if the culvert was replaced.
		c) The culvert at Site E11 should be embedded to the degree possible to prevent future perched conditions.		The proposed concept design recommends that the existing perched condition and future scour potential be managed through channel regrading, keyed in headwall/retaining wall structures, and armoured scour pools.

East Morrison Creek Erosion Mitigation EA Study - Environmental Study Report - Comment Response Table

Conservation Halton Comments Received March 17, 2026

Date 26-Mar-26

Comment #	Section	Page	CH Comment	Montrose Response
1	3.4.5	23	Update reference from PPS 3.1.1b (MMAH 2020) to PPS 5.2.2b (MMAH 2024)	Reference updated in Final ESR.
2	4.7	62	Update reference from Ontario Regulation 162/06 to the Conservation Authorities Act and Ontario Regulation 41/24	Reference updated in Final ESR.
3	4.7	62	Suggest including sentence at end of Conservation Halton Permit section: "For alternatives involving creek realignment or channel widening that require a CH Permit, the erosion hazard limit is not to be increased on private property."	Sentence added to Final ESR.
4	4.8	63	Update reference from Ontario Regulation 166/06 to the Conservation Authorities Act and Ontario Regulation 41/24	Reference updated in Final ESR.

APPENDIX H6

Indigenous Consultation



Abby Yates

From: aeyates@montrose-env.ca
Subject: FW: [EXTERNAL] RE: Notice of Public Information Centre - Town of Oakville East Morrison Creek Erosion Mitigation Study Schedule 'B' Municipal Class Environmental Assessment

From: Peter Graham <L RCS@sixnations.ca>
Sent: Wednesday, September 11, 2024 10:13 AM
To: Jing Liu <jing.liu@oakville.ca>
Subject: [EXTERNAL] RE: Notice of Public Information Centre - Town of Oakville East Morrison Creek Erosion Mitigation Study Schedule 'B' Municipal Class Environmental Assessment

Good morning Jing,

Please add my email to future notifications and forward me the alternatives and any natural environmental studies when available. Per MECP guidance, we charge for EA work: \$125 for document review and comment and \$1,250 for meetings.

Thank you,

Peter Graham
Consultation Supervisor
Six Nations of the Grand River Elected Council

From: Lonny Bomberry <lonnybomberry@sixnations.ca>
Sent: September 6, 2024 8:14 AM
To: Peter Graham <L RCS@sixnations.ca>
Subject: Fwd: Notice of Public Information Centre - Town of Oakville East Morrison Creek Erosion Mitigation Study Schedule 'B' Municipal Class Environmental Assessment

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From: Sherri-Lyn Hill <SNGR.Chief@sixnations.ca>
Sent: Friday, September 6, 2024 8:08:54 AM
To: Lonny Bomberry <lonnybomberry@sixnations.ca>
Subject: FW: Notice of Public Information Centre - Town of Oakville East Morrison Creek Erosion Mitigation Study Schedule 'B' Municipal Class Environmental Assessment

fyi

Chief Sherri-Lyn Hill
Six Nations of the Grand River
Chief's Office
1695 Chiefswood Road
Ohswéken, ON N0A1M0
Email: sngr.chief@sixnations.ca



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From: Jing Liu <jing.liu@oakville.ca>

Sent: September 5, 2024 4:43 PM

Subject: [External] Notice of Public Information Centre - Town of Oakville East Morrison Creek Erosion Mitigation Study Schedule 'B' Municipal Class Environmental Assessment

Good afternoon,

Please be informed that a Public Information Centre (PIC) for the Town of Oakville East Morrison Creek Erosion Mitigation Study Schedule 'B' Municipal Class Environmental Assessment will be held on September 17, 2024 from 6:30pm to 8:30pm at Oakville Townhall in the South Atrium. The notice of PIC is attached for your information.

This is the first of two PICs being planned for the study and will include information on the following:

- Identify Problem or Opportunity
- Identify Potential Solutions
- Inventory Natural, Social, Economic Environment
- Identify Alternative Solutions

PIC material will be posted on the project website [East Morrison Creek Erosion Mitigation Study \(oakville.ca\)](http://www.oakville.ca) prior to the meeting.

Please contact me should you have any questions.

Sincerely,

Jing

Jing Liu, P. Eng

Water Resource Engineer

Transportation and Engineering

Town of Oakville | 905-845-6601, ext. 3234 | www.oakville.ca

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<http://www.oakville.ca/privacy.html>

Abby Yates

Subject: FW: [EXTERNAL] FW: Notice of Public Information Centre - Town of Oakville East Morrison Creek Erosion Mitigation Study Schedule 'B' Municipal Class Environmental Assessment

From: Jing Liu <jing.liu@oakville.ca>
Sent: June 27, 2025 3:18 PM
To: 'Lauren Jones' <laurenjones@sixnations.ca>
Cc: LRCS <LRCS@sixnations.ca>; Roger Phillips <rphillips@montrose-env.ca>
Subject: RE: [EXTERNAL] FW: Notice of Public Information Centre - Town of Oakville East Morrison Creek Erosion Mitigation Study Schedule 'B' Municipal Class Environmental Assessment

Hello Lauren,

Thank you for your response to the Town of Oakville's recent Public Information Centre (PIC) notice for the East Morrison Creek Erosion Mitigation EA Study, and your interest to receive the supporting Environmental, Cultural and Hydrological documents. With the recent PIC event now complete (June 11), the project team is currently in the process of compiling the draft Environmental Study Report (ESR) which will include the requested information in detail, and this draft report can be provided in the late summer months (Aug/Sept) for your review. At that time or before, we would welcome feedback from Six Nations on an engagement process for review of the project prior to the ESR being issued for the public posting that is required for EA studies.

In lieu of the draft ESR that is forthcoming, the following two documents are recommended for an introduction to the study that may be of interest to the Six Nations community in considering project engagement.

- Posters for the recent Public Information Centre are posted on the Town's website: [PowerPoint Presentation](#)
- The Stage 1 Archeological Assessment report (This is a large file, I will send a separate email to provide you with access)

Should you have any questions or would like to arrange a call while the draft ESR is being prepared, please do not hesitate let us know.

Kind Regards,

Jing

Jing Liu, P. Eng
Water Resource Engineer
Transportation and Engineering
Town of Oakville | 905-845-6601, ext. 3234 | www.oakville.ca

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From: Lauren Jones <laurenjones@sixnations.ca>
Sent: Tuesday, June 3, 2025 8:51 AM
To: Jing Liu <jing.liu@oakville.ca>
Cc: LRCS <LRCS@sixnations.ca>
Subject: [EXTERNAL] FW: Notice of Public Information Centre - Town of Oakville East Morrison Creek Erosion Mitigation Study Schedule 'B' Municipal Class Environmental Assessment

Good Morning,

I am just emailing to request project documents associated with the Oakville East Morrison Creek Erosion Mitigation Study at your earliest convenience. Specifically, Environmental, Cultural and Hydrological documents.

Thank you,

Niá:wen and Kind regards,

Lauren Jones, BSc
Wildlife and Stewardship Manager, Lands and Resources
Six Nations of the Grand River Elected Council

P (519) 445-0330 ext. 4438
A 109-1721 Chiefswood Road (P.O. Box 5000), Ohsweken ON N0A 1M0



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From: Tayler Hill <tayler.hill@sixnations.ca>
Sent: May 29, 2025 8:45 AM
To: Lauren Jones <laurenjones@sixnations.ca>; Peter Graham <LRCS@sixnations.ca>
Subject: FW: Notice of Public Information Centre - Town of Oakville East Morrison Creek Erosion Mitigation Study Schedule 'B' Municipal Class Environmental Assessment

From: Chief Sherri-Lyn Hill <SNGR.Chief@sixnations.ca>

Sent: May 29, 2025 8:41 AM

To: Tayler Hill <tayler.hill@sixnations.ca>

Subject: FW: Notice of Public Information Centre - Town of Oakville East Morrison Creek Erosion Mitigation Study Schedule 'B' Municipal Class Environmental Assessment

Chief Sherri-Lyn Hill
Six Nations of the Grand River
Chief's Office
1695 Chiefswood Road
Ohsweken, ON N0A1M0
Email: sngr.chief@sixnations.ca



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From: Jing Liu <jing.liu@oakville.ca>

Sent: May 28, 2025 5:56 PM

Subject: [External] Notice of Public Information Centre - Town of Oakville East Morrison Creek Erosion Mitigation Study Schedule 'B' Municipal Class Environmental Assessment

Good afternoon,

Please be informed that the Town of Oakville will be hosting a Public Information Centre (PIC) for the East Morrison Creek Erosion Mitigation Study Schedule 'B' Municipal Class Environmental Assessment, on June 11, 2025, from 6:30 p.m. to 8:30 p.m. at Oakville Townhall, in the South Atrium. The Notice of PIC is attached for your reference.

This is the second of two PICs being planned for the study and will focus on the following:

- Evaluation and selection of alternative solutions
- Recommended solutions and preliminary functional designs

PIC material will be posted on the project website [East Morrison Creek Erosion Mitigation Study \(oakville.ca\)](http://EastMorrisonCreekErosionMitigationStudy(oakville.ca)) prior to the meeting.

Please contact me should you have any questions.

Sincerely,

Jing

Jing Liu, P. Eng
Water Resource Engineer
Transportation and Engineering
Town of Oakville | 905-845-6601, ext. 3234 | www.oakville.ca

East Morrison Creek Erosion Mitigation EA Study - Environmental Study Report - Comment Response Table

Six Nations Comments Received March 9, 2026

Date 26-Mar-26

Comment #	Topic	Six Nations Comment	Montrose Response
1	1701 Nanfan Treaty Preamble	Six Nations of the Grand River (SNGR) Territory is within the most highly urbanized land in Canada. Development has occurred on Six Nations' traditional territory without consultation or consent of SNGR. The cumulative effects of this intense development have contributed to significant environmental degradation and, as a result, Six Nations has experienced severe impacts on its ability to exercise Aboriginal and Treaty Rights that are not only set out in the treaties themselves but are also recognized and affirmed in Section 35 of the Constitution Act, 1982. The 1701 Nanfan Treaty guarantees SNGR's right to harvest and hunt on this property for perpetuity, but this proposal undermines those rights. SNGR must be accommodated to mitigate any harm to its treaty rights caused by the proponent.	Six Nations comments to be documented in the ESR consultation records.
2	SNGREC's Stance	SNGREC generally believes the alternatives chosen make sense and requests to be involved in future consultation regarding the more specific erosion management, compensation, and restoration plans. SNGREC requests that the Town prioritizes soft engineering wherever possible and increases compensation ratios.	Acknowledged. Consultation with SNGREC will continue through the detailed design and implementation phases including in regard to erosion management, compensation, and restoration plans. Soft or "green" solutions will be prioritized and used where possible, as discussed within the project ESR. Refer to response to Comment #7 regarding tree compensation ratios.
3	SNGREC's Stance	SNGREC notes that erosion is a natural process, and it is permanent structures made by humans that get in the way of erosion. Thus, the environment should not pay for these alterations and must be compensated for all impacts.	Acknowledged. This perspective and preferred approach is reflected in ESR discussion of the alternative and preferred solutions, specifically with respect to emphasizing "green" solutions where feasible.
4	Redside Dace	Due to the potential presence of Redside Dace, SNGREC requests that appropriate sized substrate is installed in any realignments, if applicable to the overall reach.	Acknowledged. The proposed restoration designs are compatible with Redside Dace and specific habitat requirements such as appropriate substrate sizing will be determined through the detailed design.
5	Impact Mitigation	Please clarify what impact mitigation will be completed for in-water works and for vegetation removal. SNGREC requires that in-water works are completed outside of breeding seasons (determined as per water temperature).	Timing windows and implementation measures to mitigate impacts are included in Section 4.8 of the ESR. Construction should adhere to the MNR and DFO in-water works timing restriction for spring-spawning fish species which is March 15-July 15 (i.e., this is the period when no work should occur) or as specified by the MNR, DFO, and CH (DFO 2013, MNR 2013). Therefore, the permitted work window for all in-water work is from July 16 – March 14 unless otherwise specified. All in-water works should be completed during the dry, low-flow season and not during or after a significant rainfall event. The duration of in-water works should be kept to a minimum. In-water works should be completed in isolation from the main flow of the creek and a fish salvage should be completed during any worksite isolation and dewatering. Any vegetation clearing should occur outside of the breeding bird period (i.e., April 1 to August 31) as well as the bat roosting period (April 1 to November 30) to reduce impacts to breeding birds avoiding incidental take under the MBCA and bats under the ESA (soon to be governed by the SCA). Therefore, the permitted work window for all tree and or/vegetation removal can occur from December 1 – March 31, unless otherwise specified.
6	Impact Mitigation	SNGREC requests that the Town completes Invasive Species monitoring and management along any access routes and at any work sites to stop the establishment of any invasive species as a result of this project.	The Town acknowledges the request to complete invasive species monitoring and management along access routes and work sites associated with the proposed creek erosion mitigation works. The Town recognizes the importance of preventing the establishment and spread of invasive species as a result of construction activities within creek corridors. Invasive species monitoring/management added to Section 3.7 of Preliminary Functional Design Report (Appendix K of ESR). As a general approach, the Town applies a targeted invasive species monitoring and management strategy that focuses on areas directly affected by construction activities. Monitoring is typically undertaken during the warranty period post construction, when impacts can be most effectively identified and addressed. Where invasive species are observed as a result of construction activities, adaptive management measures may be implemented. The Town also notes that an Invasive Species Management Plan is currently under development which will provide strategic direction for the management of invasive species within the Town of Oakville. Through this plan, the Town is exploring opportunities to address invasive species at a more comprehensive, Town-wide level.
7	Tree Compensation	SNGREC requires a 10:1 tree replacement ratio for all trees removed regardless of DBH and 1:1 for any dead trees/snags removed as these are an important habitat feature. SNGREC seeks commitment to this tree replacement ratio. A high tree replacement ratio helps to restore lost ecological function and considers time for regrowth and reduced survivability due to deer browsing and tree die-off. The goal of an increased tree replacement ratio is also to create habitat and strengthen ecological resilience. SNGREC acknowledges that the Town of Oakville has an existing tree replacement requirement but deems this requirement insufficient as it is a bare minimum settler perspective and does not take into account the indigenous perspective and obligation to protect and enhance the natural environment. SNGREC's ratio does not replace the Town's requirements but would add on top (e.g. if a 1:1 full caliper tree requirement was satisfied, SNGREC requires 9:1 on top of that which may be smaller growth trees). Further, the higher tree replacement ratio better compensates for the long lasting, permanent impact of the development on the land which will no longer be able to be used by Indigenous people. The removal of or damage to the natural environment has an immense negative impact to Six Nations of the Grand River Aboriginal and Treaty Rights in this area. Planting additional trees and improving the environment helps make up for the negative impacts from development on these rights. Planted trees must be site-specific native species and should be planted as close to the site as possible without impacting existing natural features and ecosystems. The 10:1 ratio can be achieved by planting plugs or other earlier-growth trees, and they do not all need to be full street-tree size. Planting earlier-growth trees will require protection (i.e. herbivore browsing guards) and minor maintenance. SNGREC requires planting best practices are used and suggests collaboration with Kaysane Plant Nursery for recommendations and guidance.	Compensation will be determined through detailed design, and the following text is included in the Preliminary Design Report (Appendix K of the ESR): <i>Planting quantities and compensation requirements will be determined at detailed design based on tree removals and the final tree inventory including staging areas and access routes as well as Town standards and consultation. It is noted that Six Nations required a tree replacement ratio of 10:1, regardless of DBH, on a previous project with the Town. This was also communicated by Six Nations through consultation on this report, as document in Appendix H6. In comparison to the recommendations outlined above, this would result in an estimated 1,900 trees and 9,500 shrubs planted within the disturbed 1.9 ha, compared to the 4,950 replacement trees at a 10:1 ratio outlined by the Six Nations.</i> The Town will make every effort to avoid the removal of heritage trees and minimize overall tree loss. Where removal is unavoidable, the Town's general approach is "plant the equivalent number of trees based upon a "no net loss or canopy cover" through their "Tree Protection During Construction Procedure", providing compensation for any avoidable tree loss as a result of construction activities. The Town follows the Forestry Act when determining canopy replacement based on the cost to replant within a hectare of land. Replacement plantings will consist of site-specific native species, selected to suit local conditions and avoid disruption to existing ecosystems. In many of the Town's recent creek rehabilitation projects we have used a combination of plugs and early growth trees to achieve planting densities and improve long-term survivability. Our experience indicates that younger plants generally perform better than larger caliper trees; however, larger trees still provide the important benefit of immediate shade for the channel. Moving forward, the Town will consider a mix of younger plant stock to increase planting densities to help reach target replacement ratios and larger trees to provide shade, enhancing planting feasibility, and ensure long-term success. Tree planting will be monitored and maintained following the completion of construction.
8	Tree Compensation	Please be advised, if tree offset is not feasible onsite, SNGREC expects offset plantings to take place as close as reasonably possible to the impacted site. SNGREC encourages collaboration with the Halton Conservation Authority or other local groups to achieve these offset plantings in Town lands do not suffice. Lastly, the Six Nations of the Grand River Environmental Levy may be considered should closer sites be unavailable, allowing SNGREC to purchase land and plant trees on behalf of the proponent. SNGREC's Environmental Levy is a cash-in-lieu option that is more financially feasible than other cash-in-lieu options as SNGREC will plant trees that are not full caliber, resulting in a cost of about \$40 per tree planted.	For any Town project requiring tree replacements, where trees cannot be accommodated on-site, the Town does seek nearby offset planting locations in collaboration with partners such as Conservation Halton. Should closer sites be unavailable, the Town will consider the Six Nations Environmental Levy as a potential avenue for offset planting.
9	Tree Compensation	SNGREC expects that the tree replacement is paired with a robust and complete monitoring and maintenance plan complete with contingency actions to ensure successful establishment of the trees for long term success.	Acknowledged. Monitoring and maintenance expectations are generally set out through ESR, and detailed program is to be confirmed through the detailed design phase.
10	Tree Compensation	SNGREC requests that if plant species important to indigenous communities (see Six Nations Significant Plant List) are found and may be impacted, proponents contact Kaysane Restoration Company to collaborate on seed and plant collection and rescue. Contact details found later in this document.	Acknowledged. Detailed conditions and specifications for the restoration and planting plans are to be set out and confirmed through the detailed design and approvals phase, and the Town's bidding and tendering processes. ESR consultation records, including consideration of SNGREC comments, will be carried forward to detailed design and tendering phases. In the event that plant species important to Indigenous communities are identified within the project area, the Town will engage with Kaysane Restoration Company to support seed collection and plant rescue efforts. We welcome their guidance on species selection and restoration techniques.

APPENDIX H7
Town Archaeology Comments



Environmental Assessment Circulation Review – Archaeology Comments

Date: 2025-12-09
To: Jing Liu
From: Kristen McLaughlin
File #: N/A
Address: East Morrison Creek Erosion Mitigation Project – Environmental Assessment Study
Circulation Number 1

The Halton Regional Official Plan, now implemented by the Town, also contains policies concerning archaeological potential and the preservation, mitigation, and documentation of archaeological sites and artifacts. As part of the Environmental Assessment for the East Morrison Creek Erosion Mitigation Project, a stage 1 archaeological assessment was conducted in 2023.

The report recommends the following:

- Areas of Low Archaeological Potential
 - All portions of the project area identified as extensively disturbed do not retain archaeological potential and **do not require** further assessment (5.59 ha; 13.7%).
 - All portions of the project area identified as steeply sloped do not retain archaeological potential and do not require further assessment (13.64 ha; 33.4%).
 - All portions of the project area identified as low and permanently wet do not retain archaeological potential and do not require further assessment (3.23 ha; 7.9%).
- **A stage 2 assessment, as well as others as further recommended in the archaeological assessment, is required before project soil disturbance can occur.**
 - Once the exact areas of impact are determined, a more detailed review of existing conditions should be undertaken, alongside a comparison to archaeological potential mapping provided in this report (Maps 8 to 13).
 - • In keeping with the provincial standards, the non-ploughable areas must be subject to test pit assessment (18.40 ha; 45.0%). A 5 m transect interval is recommended to achieve the provincial standard.
 - • If artifacts are encountered in the vicinity of the purported location of AiGw-239, they should be evaluated while taking Mayer’s 1993 findings into consideration.

The Town of Oakville will require the stage 2 archaeological assessment, as well as others if recommended, and the Letter of Acknowledgement(s) from the Ministry of Citizenship and Multiculturalism indicating all assessments have been reviewed and registered. The archaeologist on file should have the letter for the stage 1 assessment that was conducted.

The Town of Oakville requires these items to be included in a future submission. Once done, to the Town of Oakville's satisfaction, the property will be cleared of archaeological concern. No grading or other soil disturbance shall take place on the subject property prior to the Letter of Acknowledgement, to the satisfaction of the Town of Oakville.

Please note archaeological assessments can often be done in conjunction or in succession to help meet timelines.

As part of any stage 2-4 archaeological assessment, the Town requests the archaeological consulting company hire First Nations monitors from the relevant interested communities to be on-site during any archaeological fieldwork on the subject property. This must be shown through the assessment to the satisfaction of the Town of Oakville.

Please note that the archaeological field season is currently over for the winter of 2025-2026, so it is recommended that the archaeologists are contacted for an early spring start.

The proponent is cautioned that during development activities, should archaeological materials be found on the property, the Ministry of Citizenship and Multiculturalism (MCM) must be notified immediately (archaeology@ontario.ca), as well as the Town of Oakville and, if Indigenous in origin, relevant First Nations communities. If human remains are encountered during construction, the proponent must immediately contact the appropriate authorities (police or coroner) and all soil disturbances must stop to allow the authorities to investigate, as well as the Registrar, Ontario Ministry of Public and Business Service Delivery—who administers provisions of the *Funeral, Burial and Cremation Services Act*—to be consulted, as well as the MCM and the Town of Oakville, and, if considered archaeological, the relevant First Nations communities. All construction activity in the vicinity of the discovery must be postponed until an appropriate mitigation strategy is identified and executed.

Environmental Assessment Circulation Review – Archaeology Comments

Date: 2025-12-09
To: Jing Liu
From: Kristen McLaughlin
File #: N/A
Address: East Morrison Creek Erosion Mitigation Project – Environmental Assessment Study
Circulation Number 1

The Halton Regional Official Plan, now implemented by the Town, also contains policies concerning archaeological potential and the preservation, mitigation, and documentation of archaeological sites and artifacts. As part of the Environmental Assessment for the East Morrison Creek Erosion Mitigation Project, a stage 1 archaeological assessment was conducted in 2023.

The report recommends the following:

- Areas of Low Archaeological Potential
 - All portions of the project area identified as extensively disturbed do not retain archaeological potential and **do not require** further assessment (5.59 ha; 13.7%).
 - All portions of the project area identified as steeply sloped do not retain archaeological potential and do not require further assessment (13.64 ha; 33.4%).
 - All portions of the project area identified as low and permanently wet do not retain archaeological potential and do not require further assessment (3.23 ha; 7.9%).
- **A stage 2 assessment, as well as others as further recommended in the archaeological assessment, is required before project soil disturbance can occur.**
 - Once the exact areas of impact are determined, a more detailed review of existing conditions should be undertaken, alongside a comparison to archaeological potential mapping provided in this report (Maps 8 to 13).
 - In keeping with the provincial standards, the non-ploughable areas must be subject to test pit assessment (18.40 ha; 45.0%). A 5 m transect interval is recommended to achieve the provincial standard.
 - If artifacts are encountered in the vicinity of the purported location of AiGw-239, they should be evaluated while taking Mayer’s 1993 findings into consideration.

Montrose Environmental Solutions wrote an environmental study report, which was shared with staff February 10, 2026. In Section 3.6 titled “Archaeological Resources Screening Assessment”, it states:

“Grassed and treed portions are recommended for Stage 2 archaeological assessments. Therefore, EA projects identified in Section 4 that are likely to include ground disturbance within primarily undisturbed areas are recommended for Stage 2 assessments prior to, or concurrently with the detailed design phase following the completion of the EA study.”

Section 4.7 of the report, titled “Detailed Design Requirements”, states:

“Archaeological Assessments – The Stage 1 archaeological assessment has identified grassed and treed portions of the proposed project areas that are recommended for Stage 2 archaeological assessments. As such, project areas where new ground disturbance is planned within primarily undisturbed areas are recommended for Stage 2 assessments prior to, or concurrently with the detailed design phase following the completion of the EA study.”

Staff agree with this conclusion, and recommend that archaeological assessments are done early in the work plan to allow time for other studies if required.

Town of Oakville Planning and Development will require the stage 2 archaeological assessment, as well as others if recommended, and the Letter of Acknowledgement(s) from the Ministry of Citizenship and Multiculturalism indicating all assessments have been reviewed and registered. The archaeologist on file should have the letter for the stage 1 assessment that was conducted.

The Town of Oakville requires these items to be included in a future submission. Once done, to the Town of Oakville’s satisfaction, the property will be cleared of archaeological concern. No grading or other soil disturbance shall take place on the subject property prior to the Letter of Acknowledgement, to the satisfaction of the Town of Oakville.

As part of any stage 2-4 archaeological assessment, the Town requests the archaeological consulting company hire First Nations monitors from the relevant interested communities to be on-site during any archaeological fieldwork on the subject property. This must be shown through the assessment to the satisfaction of the Town of Oakville.

The proponent is cautioned that during development activities, should archaeological materials be found on the property, the Ministry of Citizenship and Multiculturalism (MCM) must be notified immediately (archaeology@ontario.ca), as well as the Town of Oakville and, if Indigenous in origin, relevant First Nations communities. If human remains are encountered during construction, the proponent must immediately contact the appropriate authorities (police or coroner) and all soil disturbances must stop to allow the authorities to investigate, as well as the Registrar, Ontario Ministry of Public and Business Service Delivery—who administers provisions of the *Funeral, Burial and Cremation Services Act*—to be consulted, as well as the MCM and the Town of Oakville, and, if considered archaeological, the relevant First Nations communities. All construction activity in the vicinity of the discovery must be postponed until an appropriate mitigation strategy is identified and executed.

APPENDIX H8
Notice of Completion





OAKVILLE

Notice of Study Completion

Town of Oakville East Morrison Creek Erosion Mitigation Study Schedule 'B' Municipal Class Environmental Assessment

The Town of Oakville has completed the East Morrison Creek Erosion Mitigation Study Municipal Class Environmental Assessment and the Project File is now available for public review. The purpose of the Study is to identify erosion risks within the study area, define the erosion hazards, and develop preferred options to mitigation erosion.

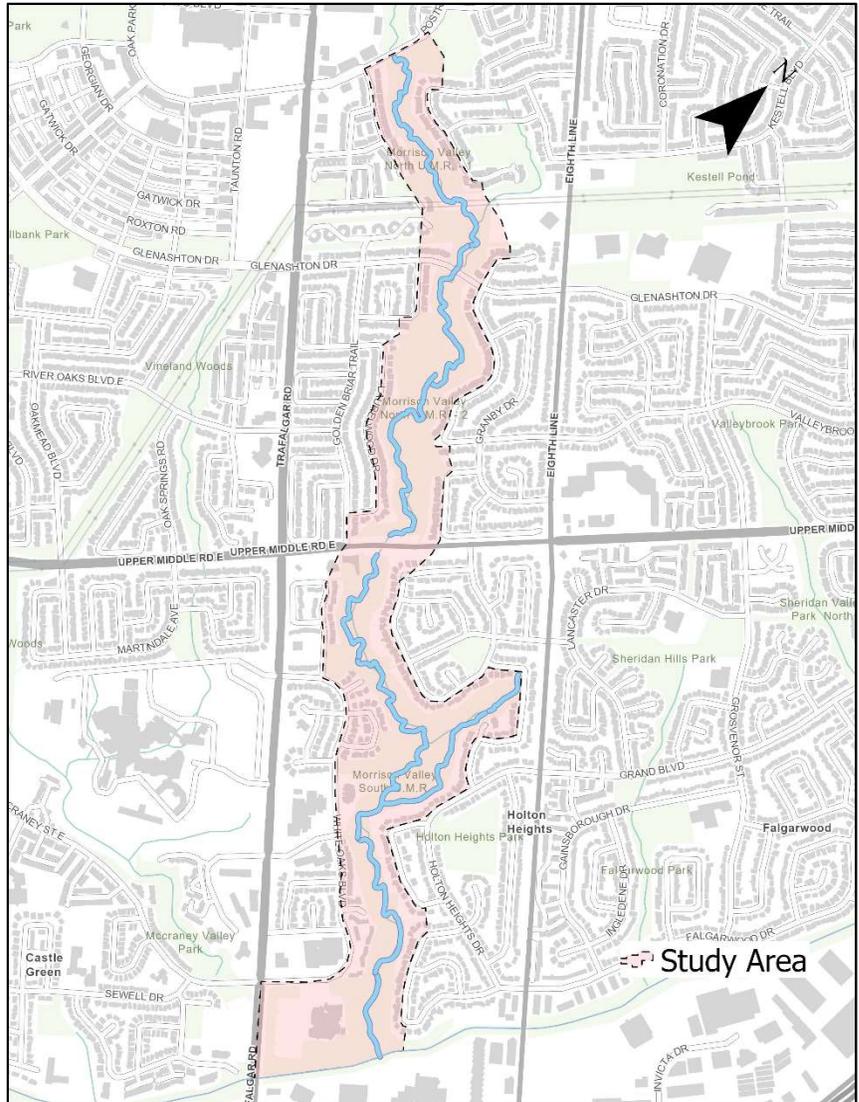
Stream erosion is a natural and continuous process. However, in areas where infrastructure and properties were historically constructed close to creek corridors, erosion can pose potential risks. This study focuses on identifying erosion related risks and developing appropriate strategies for monitoring, management, and mitigation.

The recommendations of this study to reduce erosion risk include a combination of continuous monitoring and localized mitigation measures that utilize a variety of green and engineering solutions such as vegetated rock revetments, bioengineering techniques, and armourstone protection. The preferred solution was evaluated alongside several other alternatives, and was selected based on environmental, social and cultural, economic, and engineering considerations.

The study was carried out in accordance with the requirements as described in the Municipal Engineers Association's Municipal Class Environmental Assessment (EA) document (October 2000, as amended in 2015), which is approved under the Ontario Environmental Assessment Act.

Project File now available for public review:

The Project File has been prepared to document the planning and decision-making process for this study. By this Notice, the Project File is being placed on the public record for a thirty (30) day review period from and including **March 31, 2026 to April 30, 2026**. The Report will be made available on the town's website by searching [East Morrison](#) and special accommodations to view hard copies will be determined on an as needed basis.



Interested persons may provide written comments to one of the Project Team members listed below by **April 30, 2026**.

Jing Liu, P.Eng
Water Resources Engineer
Transportation and Engineering
Town of Oakville
905.845.6601 ext. 3234
jing.liu@oakville.ca

Abby Yates, B.Sc.
Fluvial Specialist
Montrose Environmental
647-220-3185
ae Yates@montrose-env.ca

A request may be made to the Ministry of the Environment, Conservation and Parks for an order requiring a higher level of study (i.e. requiring an individual/comprehensive EA approval before being able to proceed), or that conditions be imposed (e.g. require further studies), on the grounds of preventing, mitigating, or remedying adverse impacts on constitutionally protected Aboriginal and treaty rights. Requests on other grounds will not be considered. Requests should include the requester contact information and full name for the ministry.

Requests should specify what kind of order is being requested (request for additional conditions or a request for an individual/comprehensive environmental assessment), how an order may prevent, mitigate or remedy those potential adverse impacts, and any information in support of the statements in the request. This will ensure that the ministry is able to efficiently begin reviewing the request.

The request should be sent in writing or by email to:

**Ministry of Environment,
Conservation and Parks**
777 Bay Street, 5th Floor
Toronto, Ontario, M7A 2J3
minister.meep@ontario.ca

**Director, Environmental Assessment
and Permissions Branch, MECP**
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario, M4V 1P5
enviropermissions@ontario.ca

Requests should also be sent to the project team members by mail or by e-mail.

This Notice is issued on **March 31, 2026**

Information will be collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public Record