



Toronto and Region **Conservation** Authority

Board of Directors Meeting Agenda

November 10, 2022

9:30 A.M.

The meeting will be conducted via a video conference

Members of the public may view the livestream at the following link:

<https://video.isilive.ca/trca/live.html>

Pages

1. CALL TO ORDER
2. ACKNOWLEDGEMENT OF INDIGENOUS TERRITORY
3. MINUTES OF MEETING #7/22, HELD ON OCTOBER 28, 2022
[Minutes Link](#)
4. DISCLOSURE OF PECUNIARY INTEREST AND THE GENERAL NATURE THEREOF
5. DELEGATIONS
6. PRESENTATIONS
7. CORRESPONDENCE

8. SECTION I - ITEMS FOR BOARD OF DIRECTORS ACTION

- | | |
|--|-----------|
| 8.1. AGRICULTURAL LEASE RENEWAL - FORMER CANNON PROPERTY | 5 |
| <p>Seek authority to renew the agricultural lease with Dwight Matson on Toronto and Region Conservation Authority-owned (TRCA) land located east of Humber Station Sideroad and south of Old Church Road, being Part of Lot 18, Concession 5, Town of Caledon, Regional Municipality of Peel, Humber River watershed. The term is for one year with an annual renewal option for the next four years at the sole option of TRCA (CFN 22082)</p> | |
| 8.2. AGRICULTURAL LEASE RENEWAL - FORMER GROGAN PROPERTY | 10 |
| <p>Seek authority to renew the agricultural lease with Dwight Matson on Toronto and Region Conservation Authority-owned (TRCA) land located west of Duffy's Lane and north of Castlederg Sideroad, being Part of Lots 17 and 18, Concession 5, Town of Caledon, Regional Municipality of Peel, Humber River watershed. The term is for one year with an annual renewal option for the next four years at the sole option of TRCA (CFN 22082)</p> | |
| 8.3. AGRICULTURAL LEASE RENEWAL - FORMER INTERNATIONAL FILM DISTRIBUTORS LTD. PROPERTY | 15 |
| <p>Seek authority to renew the agricultural lease with Frank Bozzo on Toronto and Region Conservation Authority-owned (TRCA) land located north of Major Mackenzie Drive and west of Highway 27, being Part of Lots 27 and 28, Concession 9, City of Vaughan, Regional Municipality of York, Humber River watershed. The term is for one year with an annual renewal option for the next four years at the sole option of TRCA (CFN 22108)</p> | |
| 8.4. AGRICULTURAL LEASE RENEWAL - FORMER PEGG PROPERTY | 20 |
| <p>Seek authority to renew an agricultural lease with Ken Wilson on Toronto and Region Conservation Authority (TRCA) owned land located north of 7th Concession Road and west of Westney Road, being Part of Lot 11, Concession 7, City of Pickering, Regional Municipality of Durham, Duffins Creek watershed. The term is for one year with an annual renewal option for the next four years at the sole option of TRCA (CFN 22155)</p> | |
| 8.5. DISPOSITION TO REGIONAL MUNICIPALITY OF PEEL | 25 |
| <p>Receipt of a request from the Regional Municipality of Peel, for a permanent easement for lands located south of Dundas Street and east of Southcreek Road, in the City of Mississauga, required for the East Trunk Sanitary Sewer Offline Storage Facility, Etobicoke Creek watershed (CFN 64813)</p> | |

8.6.	ROCKCLIFFE RIVERINE FLOOD MITIGATION PROJECT MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT	29
	An update on the progress for the Rockcliffe Riverine Flood Mitigation (RRFM) Project Municipal Class Environmental Assessment	
8.7.	PROPOSED 2023-2024 TRCA MEETING SCHEDULE	47
	Approval of the Proposed 2023-2024 Toronto and Region Conservation Authority (TRCA) Board of Directors and Executive Committee meeting schedule	
8.8.	DELEGATED AUTHORITY REQUEST FOR WINTER 2022	51
	It is requested that the Chief Executive Officer (CEO) be granted delegated authority in November and December 2022, pursuant to Section 21 of Toronto and Region Conservation Authority's (TRCA) Administrative By-Law for time sensitive procurements to ensure business continuity including support for municipal and partner supported programs and projects	
9.	SECTION III - ITEMS FOR THE INFORMATION OF THE BOARD	
9.1.	UPDATE AND PROGRESS REPORT ON MUNICIPAL MEMORANDUMS OF UNDERSTANDING	54
	To provide an update to the Board of Directors on work underway to update and develop new Memorandums of Understanding (MOUs) and other agreements with participating and partner municipalities in the context of the updated <u>Conservation Authorities Act</u> (CA Act) and regulations, and to obtain Board approval of the third progress report on this work, as required under O.Reg. 687/21, Transition Plans and Agreements for Programs and Services Under Section 21.1.2 of the Act under the Conservation Authorities Act ("Transition Regulation") and to be submitted to the Province	
9.2.	EROSION RISK MANAGEMENT PROGRAM - 2022 UPDATE	60
	An information report regarding the Erosion Risk Management Program and related services and strategic updates from the Erosion Risk Management business unit	

10. SECTION IV - ONTARIO REGULATION 166/06, AS AMENDED

10.1. STANDARD DELEGATED PERMITS FOR RECEIPT - STAFF APPROVED AND ISSUED

92

Standard Delegated Permits are processed by Development and Engineering Services Division staff, authorized by designated staff appointed as Authorized Signatories by the Board of Directors and received monthly by the Executive Committee, except for November and December 2022. Permits categorized as Standard Delegated Permits are: standard, routine infrastructure works, emergency infrastructure works, minor works, and permits after the fact/resolution of violations

STANDARD DELEGATED PERMITS FOR RECEIPT – STAFF APPROVED AND ISSUED (Page 92)

PERMISSION FOR ROUTINE INFRASTRUCTURE WORKS FOR RECEIPT – STAFF APPROVED AND ISSUED (Page 112)

MINOR WORKS LETTER OF APPROVAL FOR RECEIPT – STAFF APPROVED AND ISSUED (Page 122)

PERMITS AFTER THE FACT / RESOLUTION OF VIOLATIONS FOR RECEIPT – STAFF APPROVED AND ISSUED (Page 127)

11. MATERIAL FROM EXECUTIVE COMMITTEE MEETING

12. CLOSED SESSION

13. NEW BUSINESS

NEXT MEETING OF THE BOARD OF DIRECTORS #1/23 TO BE HELD ON JANUARY 13, 2023 AT 9:30 A.M. AT HEAD OFFICE, 101 EXCHANGE AVENUE, VAUGHAN

John MacKenzie, Chief Executive Officer

/jh

Section I – Items for Board of Directors Action

TO: Chair and Members of the Board of Directors
Thursday, November 10, 2022 Meeting

FROM: Michael Tolensky, Chief Financial and Operating Officer

RE: **AGRICULTURAL LEASE RENEWAL - FORMER CANNON PROPERTY**
Proposal to renew the Lease located East of Humber Station Sideroad and South of Old Church Road, Town of Caledon, Regional Municipality of Peel, Humber River Watershed (CFN 22082)

KEY ISSUE

Seek authority to renew the agricultural lease with Dwight Matson on Toronto and Region Conservation Authority-owned (TRCA) land located east of Humber Station Sideroad and south of Old Church Road, being Part of Lot 18, Concession 5, Town of Caledon, Regional Municipality of Peel, Humber River watershed. The term is for one year with an annual renewal option for the next four years at the sole option of TRCA (CFN 22082).

RECOMMENDATION:

THAT TRCA's Board of Directors is in receipt of a request from Dwight Matson to renew the lease agreement for agricultural use of TRCA land located east of Humber Station Sideroad and south of Old Church Road, being Part of Lot 18, Concession 5, Town of Caledon, Regional Municipality of Peel, Humber River watershed;

THEREFORE LET IT BE RESOLVED THAT TRCA renew the agricultural lease with Dwight Matson for the use of 11.69 hectares (28.91 acres), more or less, said land being Part of Lot 18, Concession 5, Town of Caledon, Regional Municipality of Peel;

THAT the lease with Dwight Matson be subject to the following terms and conditions:

- (i) that the term of the lease be for one year, together with an annual renewal option for the next four years at the sole option of TRCA;**
- (ii) that consideration be \$3,022 per annum, plus HST, with an annual increase subject to farmland appraisal review, plus HST;**
- (iii) that the tenant be responsible for all approvals required for construction and operation of the agricultural operation;**
- (iv) that the tenant be responsible for all costs associated with the development and operation of the agricultural operation;**
- (v) that the tenant be solely responsible for all costs associated with the removal of any fixtures/infrastructure on the lands under lease, at the end of the term, and to the satisfaction of TRCA;**
- (vi) that the tenant be required to obtain at his cost, all necessary licenses and permits, and comply with all applicable by-laws, rules, regulations, and laws governing the conduct and operation of the farm operation or anything in connection therewith; and**
- (vii) any other terms and conditions deemed appropriate by the TRCA staff and solicitor;**

AND FURTHER THAT authorized TRCA officials be directed to take the necessary action to finalize the transaction, including obtaining any necessary approvals and the signing and execution of documents.

BACKGROUND

TRCA has been administering agricultural leases on its land since the 1950s and continues to manage agricultural lands across its jurisdiction and as per TRCA's *Agricultural Land Use* Policy.

TRCA is in receipt of a request from Dwight Matson to renew the lease agreement for agricultural use of TRCA-owned land east of Humber Station Sideroad and south of Old Church Road, being Part of Lot 18, Concession 5, Town of Caledon, Regional Municipality of Peel, Humber River watershed.

TRCA acquired this property in 1972 and since 1990, Dwight Matson has been farming these TRCA-owned lands for conventional agricultural purposes, and his current farm operation for this parcel is grain production (corn, soybean and wheat in a three-crop rotation cycle). Dwight Matson has historically incorporated and encouraged sustainability and good stewardship of these TRCA-owned lands. The terms and conditions of the renewal and the governance of this farming operation would continue to be in accordance with TRCA's *Agricultural Land Use* Policy.

RATIONALE

TRCA supports agriculture on its properties, where appropriate, and aligns its work in agriculture to improve the health of watersheds and communities. Renewing the lease agreement with Dwight Matson would allow for the continued operation of this farm through which locally grown agricultural products are being supplied to the Greater Toronto Area. Finally, considering the COVID19 pandemic, now more than ever, locally grown agriculture has been recognized as an important essential service for continuing Ontario's food supply and economic development.

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

This report supports the following strategies set forth in the TRCA 2013-2022 Strategic Plan:

Strategy 5 – Foster sustainable citizenship

Strategy 7 – Build partnerships and new business models

FINANCIAL DETAILS

As per TRCA's *Agricultural Land Use* Policy, TRCA will establish and maintain fair market rent for its agricultural land under lease and will complete a fair market assessment by an independent appraisal company every five years, and this is next scheduled to be completed in 2022. The fair market assessment will establish a rental rate range and appropriate rental rate escalations per region will be completed by an appraisal company experienced in agricultural land review and will consider additional factors that could influence the level of the rental range initially applied to the lease agreement (such as site access, soil type and quality, agricultural models, available infrastructure and amenities, and the current lease structure etc.). Within the first year of obtaining the fair market assessment, each agricultural lease will be reviewed to ensure current rental rates are within the suggested rental range determined by the fair market assessment and rent increases will be applied, where appropriate.

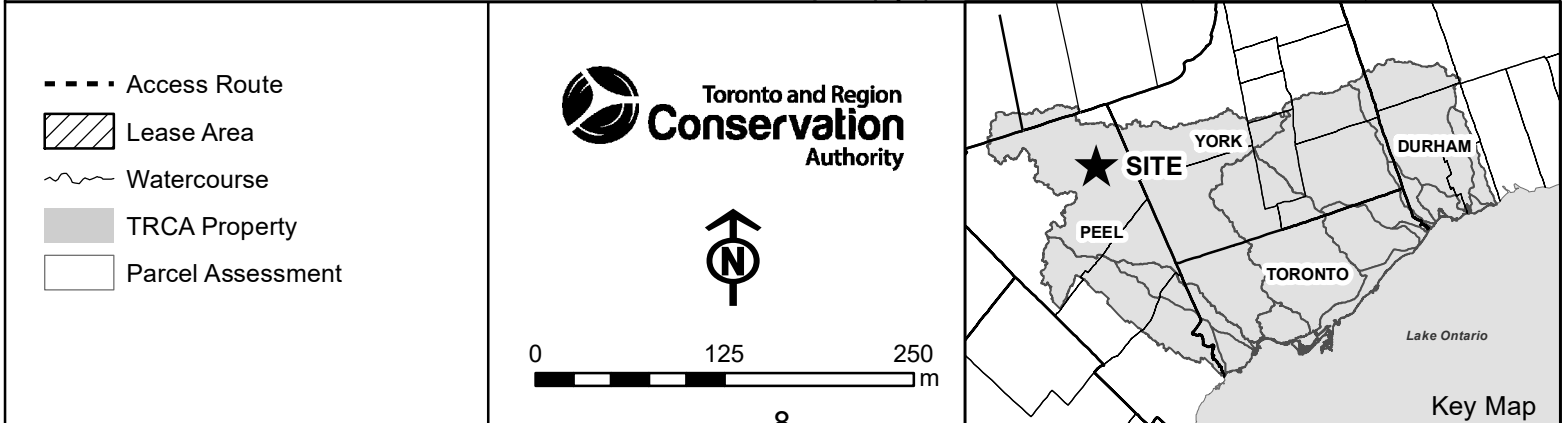
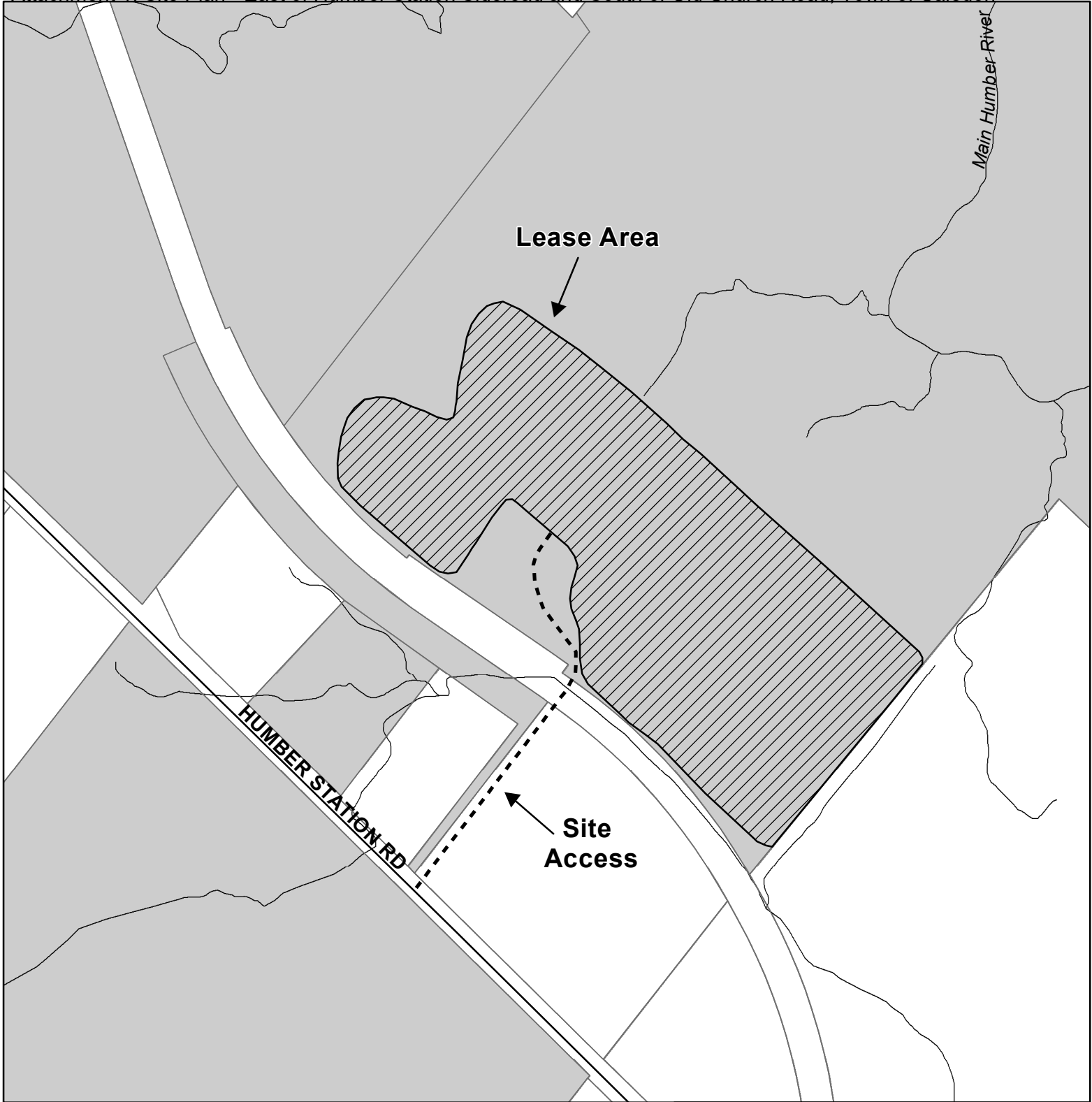
TRCA currently absorbs the property taxes at an annual cost of \$191 (2022 rate).

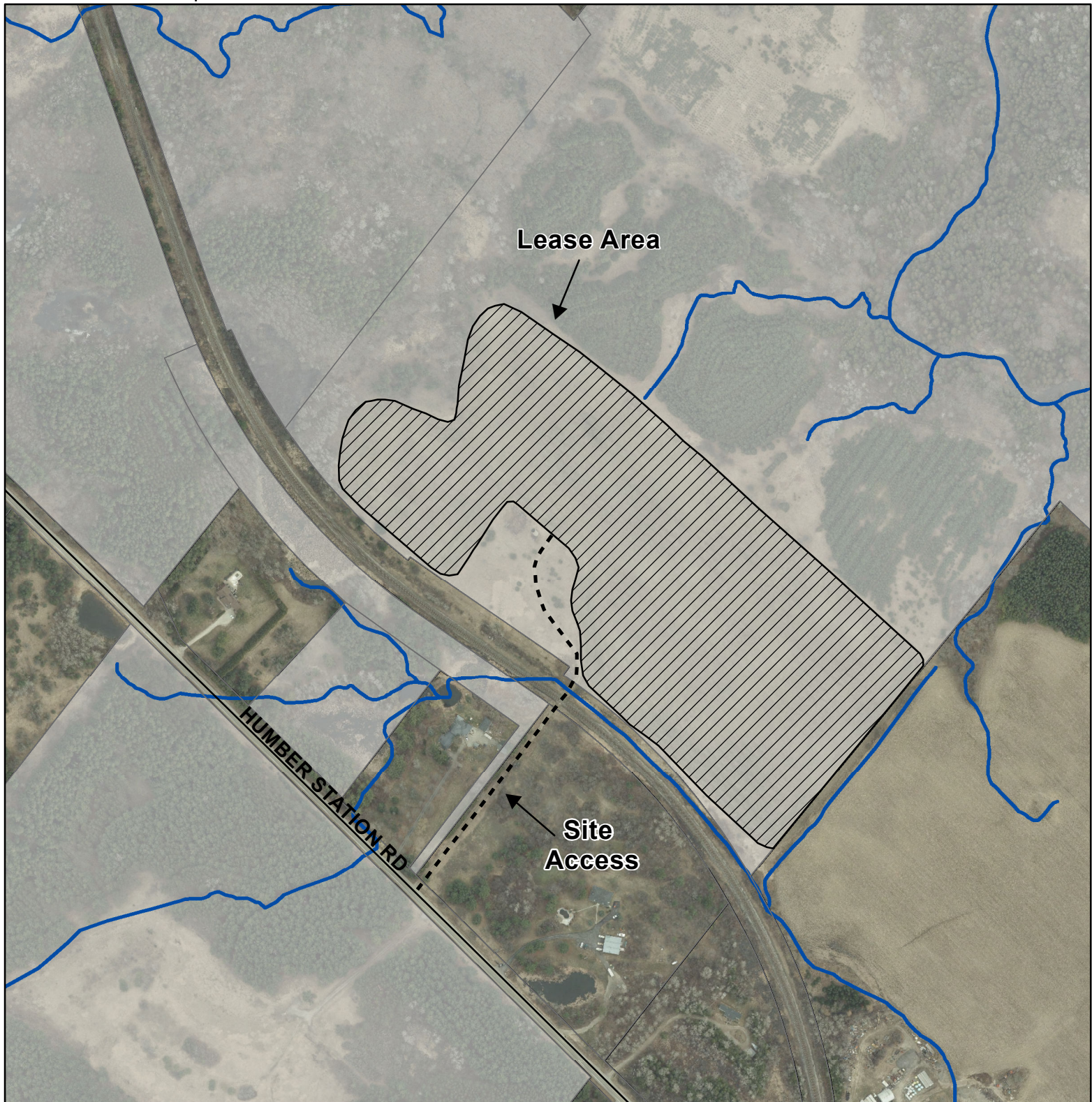
Item 8.1





Report prepared by: Lisa Valente
Email: lisa.valente@trca.ca
For Information contact: Alexander Schuler, (437) 880-1950
Email: alexander.schuler@trca.ca
Date: October 24, 2022
Attachments: 2

Attachment 1: Site Plan – East of Humber Station Sideroad and South of Old Church Road,
Town of Caledon

Attachment 2: Orthophoto – East of Humber Station Sideroad and South of Old Church Road,
Town of Caledon

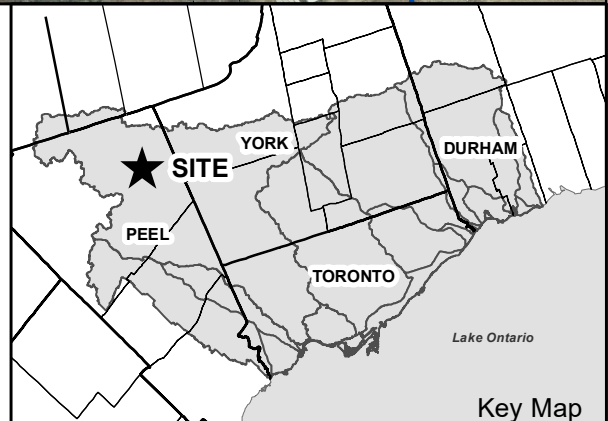




- Access Route
-  Lease Area
-  Watercourses
-  TRCA Property
-  Parcel Assessment



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Section I – Items for Board of Directors Action

TO: Chair and Members of the Board of Directors
Thursday, November 10, 2022 Meeting

FROM: Michael Tolensky, Chief Financial and Operating Officer

RE: **AGRICULTURAL LEASE RENEWAL - FORMER GROGAN PROPERTY**
Proposal to renew the Lease located West of Duffy's Lane and North of Castleberg Sideroad, Town of Caledon, Regional Municipality of Peel, Humber River Watershed (CFN 22082)

KEY ISSUE

Seek authority to renew the agricultural lease with Dwight Matson on Toronto and Region Conservation Authority-owned (TRCA) land located west of Duffy's Lane and north of Castleberg Sideroad, being Part of Lots 17 and 18, Concession 5, Town of Caledon, Regional Municipality of Peel, Humber River watershed. The term is for one year with an annual renewal option for the next four years at the sole option of TRCA (CFN 22082).

RECOMMENDATION:

THAT TRCA's Board of Directors is in receipt of a request from Dwight Matson to renew the lease agreement for agricultural use of TRCA land located west of Duffy's Lane and north of Castleberg Sideroad, being Part of Lots 17 and 18, Concession 5, Town of Caledon, Regional Municipality of Peel, Humber River watershed;

THEREFORE LET IT BE RESOLVED THAT TRCA renew the agricultural lease with Dwight Matson for the use of 8.53 hectares (21.1 acres), more or less, said land being Part of Lots 17 and 18, Concession 5, Town of Caledon, Regional Municipality of Peel;

THAT the lease with Dwight Matson be subject to the following terms and conditions:

- (i) that the term of the lease be for one year, together with an annual renewal option for the next four years at the sole option of TRCA;**
- (ii) that consideration be \$1,632 per annum, plus HST, with an annual increase subject to farmland appraisal review, plus HST;**
- (iii) that the tenant be responsible for all approvals required for construction and operation of the agricultural operation;**
- (iv) that the tenant be responsible for all costs associated with the development and operation of the agricultural operation;**
- (v) that the tenant be solely responsible for all costs associated with the removal of any fixtures/infrastructure on the lands under lease, at the end of the term, and to the satisfaction of TRCA;**
- (vi) that the tenant be required to obtain at his cost, all necessary licenses and permits, and comply with all applicable by-laws, rules, regulations, and laws governing the conduct and operation of the farm operation or anything in connection therewith; and**
- (vii) any other terms and conditions deemed appropriate by the TRCA staff and solicitor;**

AND FURTHER THAT authorized TRCA officials be directed to take the necessary action to finalize the transaction, including obtaining any necessary approvals and the signing and execution of documents.

BACKGROUND

TRCA has been administering agricultural leases on its land since the 1950s and continues to manage agricultural lands across its jurisdiction and as per TRCA's *Agricultural Land Use Policy*.

TRCA is in receipt of a request from Dwight Matson to renew the lease agreement for agricultural use of TRCA-owned land east of Humber Station Sideroad and south of Old Church Road, being Part of Lots 17 and 18, Concession 5, Town of Caledon, Regional Municipality of Peel, Humber River watershed.

TRCA acquired this property in 1970, and in 1983 Dwight Matson began to farm these TRCA-owned lands for conventional agricultural purposes. Mr. Matson's current farm operation on this parcel is mainly that of soybeans and winter wheat. Even when the Albion Hills Community Farm utilized this parcel for a short term as part of their operations, Dwight Matson has provided guidance on management of the lands, and has historically incorporated and encouraged sustainability and good stewardship of these TRCA-owned lands. The terms and conditions of the renewal and the governance of this farming operation would continue to be in accordance with TRCA's *Agricultural Land Use Policy*.

RATIONALE

TRCA supports agriculture on its properties, where appropriate, and aligns its work in agriculture to improve the health of watersheds and communities. Renewing the lease agreement with Dwight Matson would allow for the continued operation of this farm through which locally grown agricultural products are being supplied to the Greater Toronto Area. Now more than ever, locally grown agriculture has been recognized as an important essential service for continuing not only Ontario's food supply but the global food supply chain.

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

This report supports the following strategies set forth in the TRCA 2013-2022 Strategic Plan:

Strategy 5 – Foster sustainable citizenship

Strategy 7 – Build partnerships and new business models

FINANCIAL DETAILS

As per TRCA's *Agricultural Land Use Policy*, TRCA will establish and maintain fair market rent for its agricultural land under lease and will complete a fair market assessment by an independent appraisal company every five years, and this is next scheduled to be completed in 2022. The fair market assessment will establish a rental rate range and appropriate rental rate escalations per region will be completed by an appraisal company experienced in agricultural land review and will consider additional factors that could influence the level of the rental range initially applied to the lease agreement (such as site access, soil type and quality, agricultural models, available infrastructure and amenities, and the current lease structure etc.). Within the first year of obtaining the fair market assessment, each agricultural lease will be reviewed to ensure current rental rates are within the suggested rental range determined by the fair market assessment and rent increases will be applied, where appropriate.

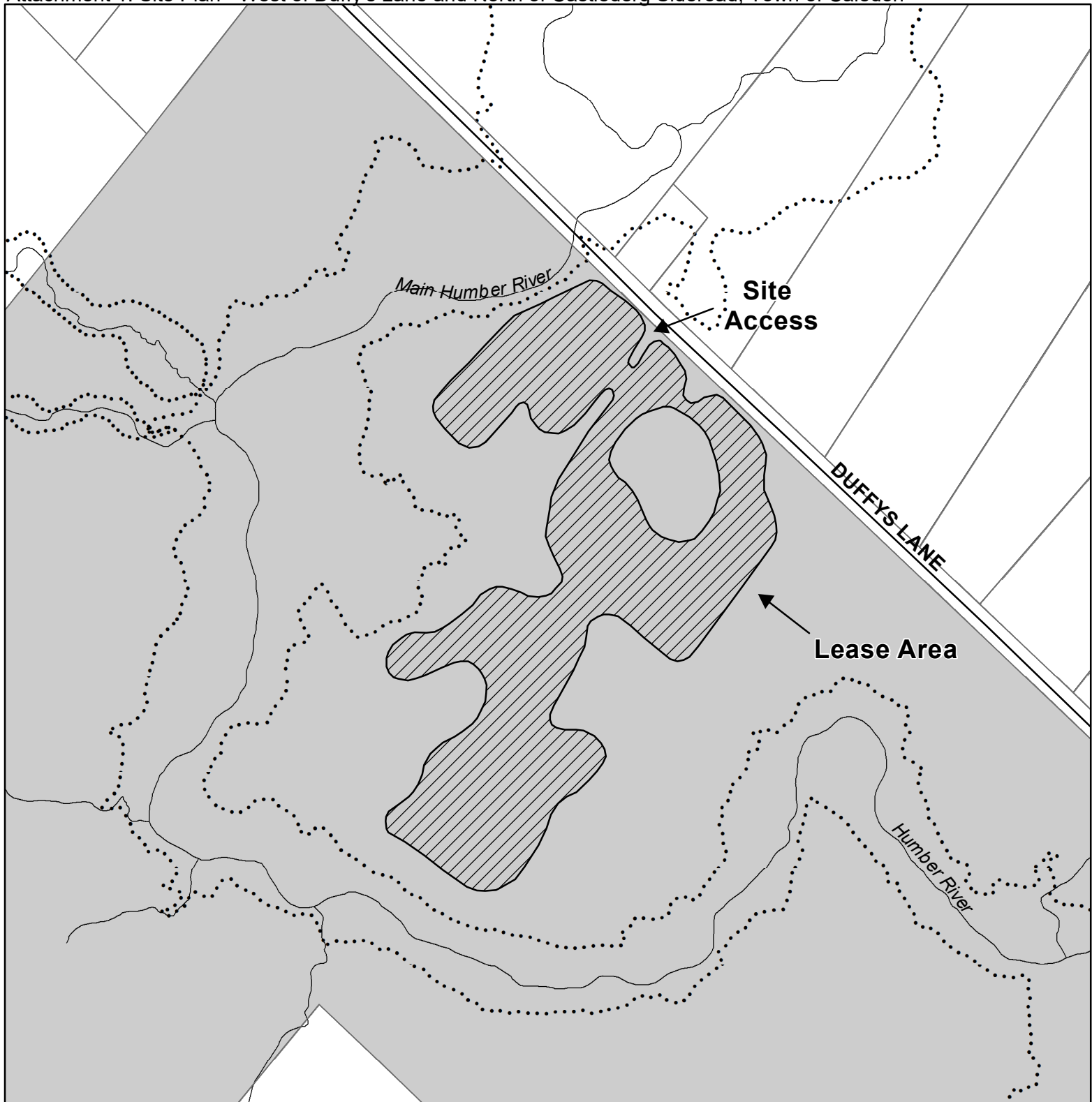
TRCA currently absorbs the property taxes at an annual cost of \$138 (2022 rate).






Item 8.2

Report prepared by: Lisa Valente
Email: lisa.valente@trca.ca
For Information contact: Alexander Schuler, (437) 880-1950
Email: alexander.schuler@trca.ca
Date: October 24, 2022
Attachments: 2

Attachment 1: Site Plan – West of Duffy's Lane and North of Castlederg Sideroad, Town of Caledon

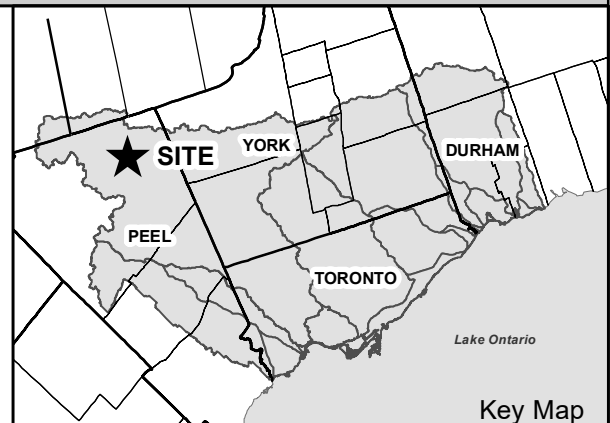
Attachment 2: Orthophoto – West of Duffy's Lane and North of Castlederg Sideroad, Town of Caledon




-  Lease Area
-  Watercourse
-  Floodline
-  TRCA Property
-  Parcel Assessment





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






 Lease Area


 Watercourses

 Floodline

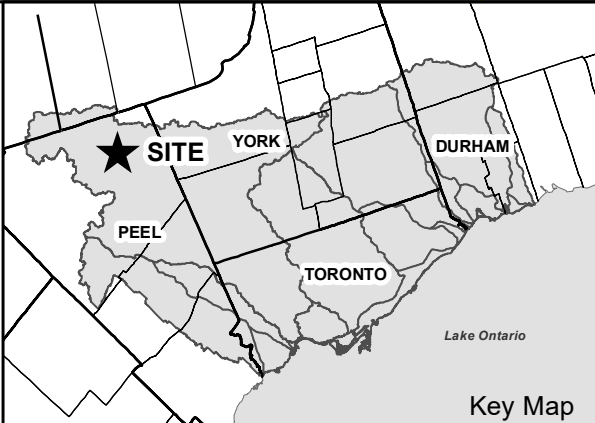
 TRCA Property

 Parcel Assessment

 **Toronto and Region
Conservation
Authority**



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Section I – Items for Board of Directors Action

TO: Chair and Members of the Board of Directors
Thursday, November 10, 2022 Meeting

FROM: Michael Tolensky, Chief Financial and Operating Officer

RE: **AGRICULTURAL LEASE RENEWAL - FORMER INTERNATIONAL FILM DISTRIBUTORS LTD. PROPERTY**
Proposal to renew the Lease located North of Major Mackenzie Drive and West of Highway 27, City of Vaughan, Regional Municipality of York, Humber River Watershed (CFN 22108)

KEY ISSUE

Seek authority to renew the agricultural lease with Frank Bozzo on Toronto and Region Conservation Authority-owned (TRCA) land located north of Major Mackenzie Drive and west of Highway 27, being Part of Lots 27 and 28, Concession 9, City of Vaughan, Regional Municipality of York, Humber River watershed. The term is for one year with an annual renewal option for the next four years at the sole option of TRCA (CFN 22108).

RECOMMENDATION:

THAT TRCA's Board of Directors is in receipt of a request from Frank Bozzo to renew the lease agreement for agricultural use of TRCA land located north of Major Mackenzie Drive and west of Highway 27, being Part of Lots 27 and 28, Concession 9, City of Vaughan, Regional Municipality of York, Humber River watershed;

THEREFORE LET IT BE RESOLVED THAT TRCA renew the agricultural lease with Frank Bozzo for the use of 4.45 hectares (11.02 acres), more or less, said land being Part of Lots 27 and 28, Concession 9, City of Vaughan, Regional Municipality of York;

THAT the lease with Frank Bozzo be subject to the following terms and conditions:

- (i) that the term of the lease be for one year, together with an annual renewal option for the next four years at the sole option of TRCA;**
- (ii) that consideration be \$950 per annum, plus HST, with an annual increase subject to farmland appraisal review, plus HST;**
- (iii) that the tenant be responsible for all approvals required for construction and operation of the agricultural operation;**
- (iv) that the tenant be responsible for all costs associated with the development and operation of the agricultural operation;**
- (v) that the tenant be solely responsible for all costs associated with the removal of any fixtures/infrastructure on the lands under lease, at the end of the term, and to the satisfaction of TRCA;**
- (vi) that the tenant be required to obtain at his cost, all necessary licenses and permits, and comply will all applicable by-laws, rules, regulations, and laws governing the conduct and operation of the farm operation or anything in connection therewith; and**
- (vii) any other terms and conditions deemed appropriate by the TRCA staff and solicitor;**

AND FURTHER THAT authorized TRCA officials be directed to take the necessary action to finalize the transaction, including obtaining any necessary approvals and the signing and execution of documents.

BACKGROUND

TRCA has been administering agricultural leases on its land since the 1950s and continues to manage agricultural lands across its jurisdiction and as per TRCA's *Agricultural Land Use Policy*.

TRCA is in receipt of a request from Frank Bozzo to renew the lease agreement for agricultural use of TRCA-owned land located north of Major Mackenzie Drive and west of Highway 27, being Part of Lots 27 and 28, Concession 9, City of Vaughan, Regional Municipality of York, Humber River watershed.

These TRCA lands were acquired in 1978 from Mr. Bozzo, and since 1990 a formal agreement with Frank Bozzo has been in place to allow for continued use for horse pasture purposes as these lands are adjacent to and surround his privately owned lands. The terms and conditions of the renewal and the governance of this farming operation would continue to be in accordance with TRCA's *Agricultural Land Use Policy*.

RATIONALE

TRCA supports agriculture on its properties, where appropriate, and aligns its work in agriculture to improve the health of watersheds and communities. Renewing Frank Bozzo's lease agreement continues a farm operation that has been a part of the Vaughan countryside for over thirty years.

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

This report supports the following strategies set forth in the TRCA 2013-2022 Strategic Plan:

Strategy 5 – Foster sustainable citizenship

Strategy 7 – Build partnerships and new business models

FINANCIAL DETAILS

As per TRCA's *Agricultural Land Use Policy*, TRCA will establish and maintain fair market rent for its agricultural land under lease and will complete a fair market assessment by an independent appraisal company every five years, and this is next scheduled to be completed in 2022. The fair market assessment will establish a rental rate range and appropriate rental rate escalations per region will be completed by an appraisal company experienced in agricultural land review and will consider additional factors that could influence the level of the rental range initially applied to the lease agreement (such as site access, soil type and quality, agricultural models, available infrastructure and amenities, and the current lease structure etc.). Within the first year of obtaining the fair market assessment, each agricultural lease will be reviewed to ensure current rental rates are within the suggested rental range determined by the fair market assessment and rent increases will be applied, where appropriate.

TRCA currently absorbs the property taxes at an annual cost of \$10 (2022 rate).





Item 8.3

Report prepared by: Lisa Valente
Email: lisa.valente@trca.ca
For Information contact: Alexander Schuler, (437) 880-1950
Email: alexander.schuler@trca.ca
Date: October 24, 2022
Attachments: 2

Attachment 1: Site Plan – North of Major Mackenzie Drive and West of Highway 27City of
Vaughan

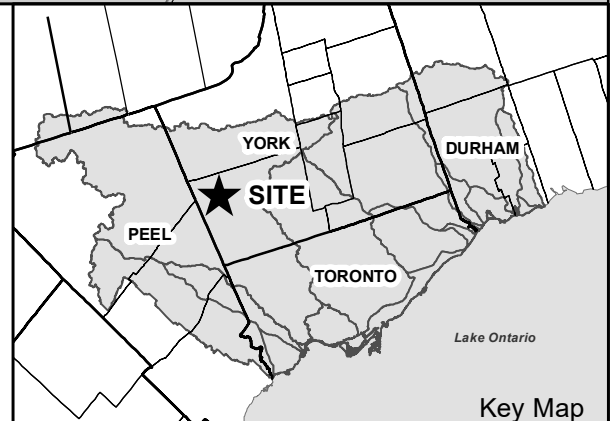
Attachment 2: Orthophoto –North of Major Mackenzie Drive and West of Highway 27, City of
Vaughan



- Access Route
-  Lease Area
-  Watercourse
-  TRCA Property
-  Parcel Assessment







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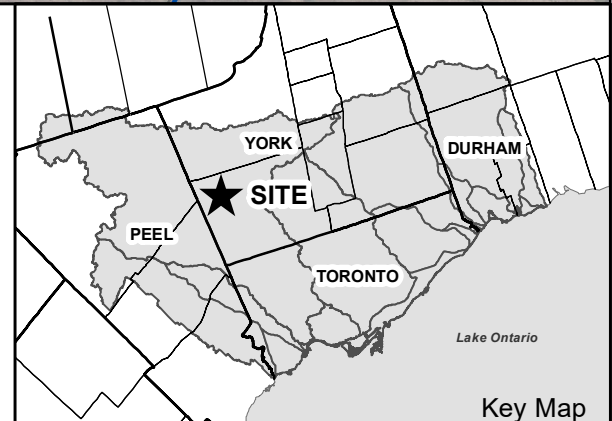
Key Map



- Access Route
-  Lease Area
-  Watercourses
-  TRCA Property
-  Parcel Assessment



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Key Map

Section I – Items for Board of Directors Action

TO: Chair and Members of the Board of Directors
Thursday, November 10, 2022 Meeting

FROM: Michael Tolensky, Chief Financial and Operating Officer

RE: **AGRICULTURAL LEASE RENEWAL - FORMER PEGG PROPERTY**
Proposal to renew Lease located North of 7th Concession Road and West of Westney Road, City of Pickering, Regional Municipality of Durham, Duffins Creek Watershed (CFN 22155)

KEY ISSUE

Seek authority to renew an agricultural lease with Ken Wilson on Toronto and Region Conservation Authority (TRCA) owned land located north of 7th Concession Road and west of Westney Road, being Part of Lot 11, Concession 7, City of Pickering, Regional Municipality of Durham, Duffins Creek watershed. The term is for one year with an annual renewal option for the next four years at the sole option of TRCA (CFN 22155).

RECOMMENDATION:

THAT TRCA's Board of Directors is in receipt of a request from Ken Wilson to renew the lease agreement for agricultural use of TRCA land located north of 7th Concession Road and west of Westney Road, being part of Lot 11, Concession 7, City of Pickering, Regional Municipality of Durham, Duffins Creek watershed;

THEREFORE LET IT BE RESOLVED THAT TRCA renew the agricultural lease with Ken Wilson for the use of 10.76 hectares (26.6 acres), more or less, said land being Part of Lot 11, Concession 7, City of Pickering, Regional Municipality of Durham;

THAT the lease with Ken Wilson be subject to the following terms and conditions:

- (i) that the term of the lease be for one year, together with an annual renewal option for the next four years at the sole option of TRCA;**
- (ii) that consideration be \$2,381 per annum, plus HST, with an annual increase subject to farmland appraisal review, plus HST;**
- (iii) that the tenant be responsible for all approvals required for construction and operation of the agricultural operation;**
- (iv) that the tenant be responsible for all costs associated with the development and operation of the agricultural operation;**
- (v) that the tenant be solely responsible for all costs associated with the removal of any fixtures/infrastructure on the lands under lease, at the end of the term, and to the satisfaction of TRCA;**
- (vi) that the tenant be required to obtain at his cost, all necessary licenses and permits, and comply with all applicable by-laws, rules, regulations, and laws governing the conduct and operation of the farm operation or anything in connection therewith; and**
- (vii) any other terms and conditions deemed appropriate by the TRCA staff and solicitor;**

AND FURTHER THAT authorized TRCA officials be directed to take the necessary action to finalize the transaction, including obtaining any necessary approvals and the signing and execution of documents.

BACKGROUND

TRCA has been administering agricultural leases on its land since the 1950s and continues to manage agricultural lands across its jurisdiction and as per TRCA's *Agricultural Land Use Policy*.

TRCA is in receipt of a request from Ken Wilson to renew the lease agreement for agricultural use of TRCA-owned land located north of 7th Concession Road and west of Westney Road, being Part of Lot 11, Concession 7, City of Pickering, Regional Municipality of Durham, Duffins Creek watershed.

TRCA acquired this property in 1958, and since 1980 Ken Wilson has been farming these TRCA-owned lands for conventional agricultural purposes, and his current farm operation is mainly that of corn production for cattle feed. Ken Wilson has historically incorporated and encouraged sustainability and good stewardship of these TRCA-owned lands. The terms and conditions of the renewal and the governance of this farming operation would continue to be in accordance with TRCA's *Agricultural Land Use Policy*.

RATIONALE

TRCA supports agriculture on its properties, where appropriate, and aligns its work in agriculture to improve the health of watersheds and communities. Renewing the lease agreement with Ken Wilson would allow for the continued operation of this farm through which his locally grown agricultural products are being supplied to the Greater Toronto Area. Finally considering the COVID19 pandemic, now more than ever, locally grown agriculture has been recognized as an important essential service for continuing Ontario's food supply and economic development.

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

This report supports the following strategies set forth in the TRCA 2013-2022 Strategic Plan:

Strategy 5 – Foster sustainable citizenship

Strategy 7 – Build partnerships and new business models

FINANCIAL DETAILS

As per TRCA's *Agricultural Land Use Policy*, TRCA will establish and maintain fair market rent for its agricultural land under lease and will complete a fair market assessment by an independent appraisal company every five years, and this is next scheduled to be completed in 2022. The fair market assessment will establish a rental rate range and appropriate rental rate escalations per region will be completed by an appraisal company experienced in agricultural land review and will consider additional factors that could influence the level of the rental range initially applied to the lease agreement (such as site access, soil type and quality, agricultural models, available infrastructure and amenities, and the current lease structure etc.). Within the first year of obtaining the fair market assessment, each agricultural lease will be reviewed to ensure current rental rates are within the suggested rental range determined by the fair market assessment and rent increases will be applied, where appropriate.

TRCA currently absorbs the property taxes at an annual cost of \$25 (2022 rate).

Item 8.4

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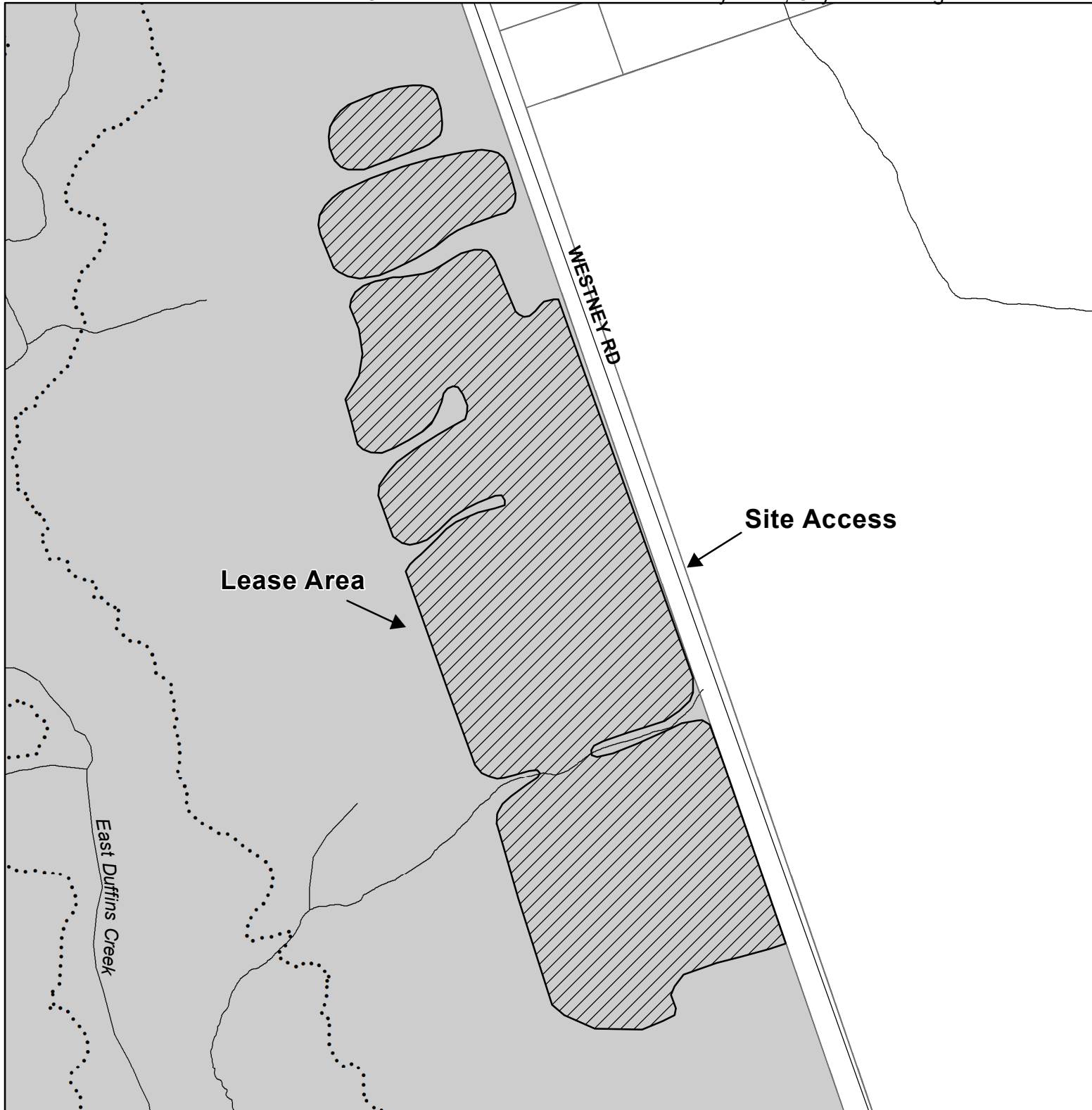
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




Date: October 24, 2022

Attachments: 2

Attachment 1: Site Plan – North of 7th Concession Road and West of Westney Road, City of Pickering

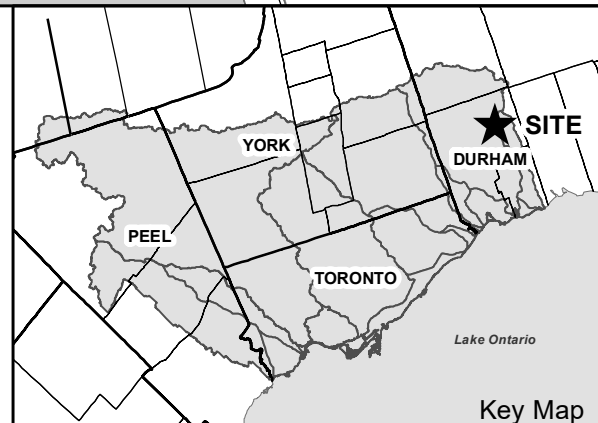
Attachment 2: Orthophoto – North of 7th Concession Road and West of Westney Road, City of Pickering



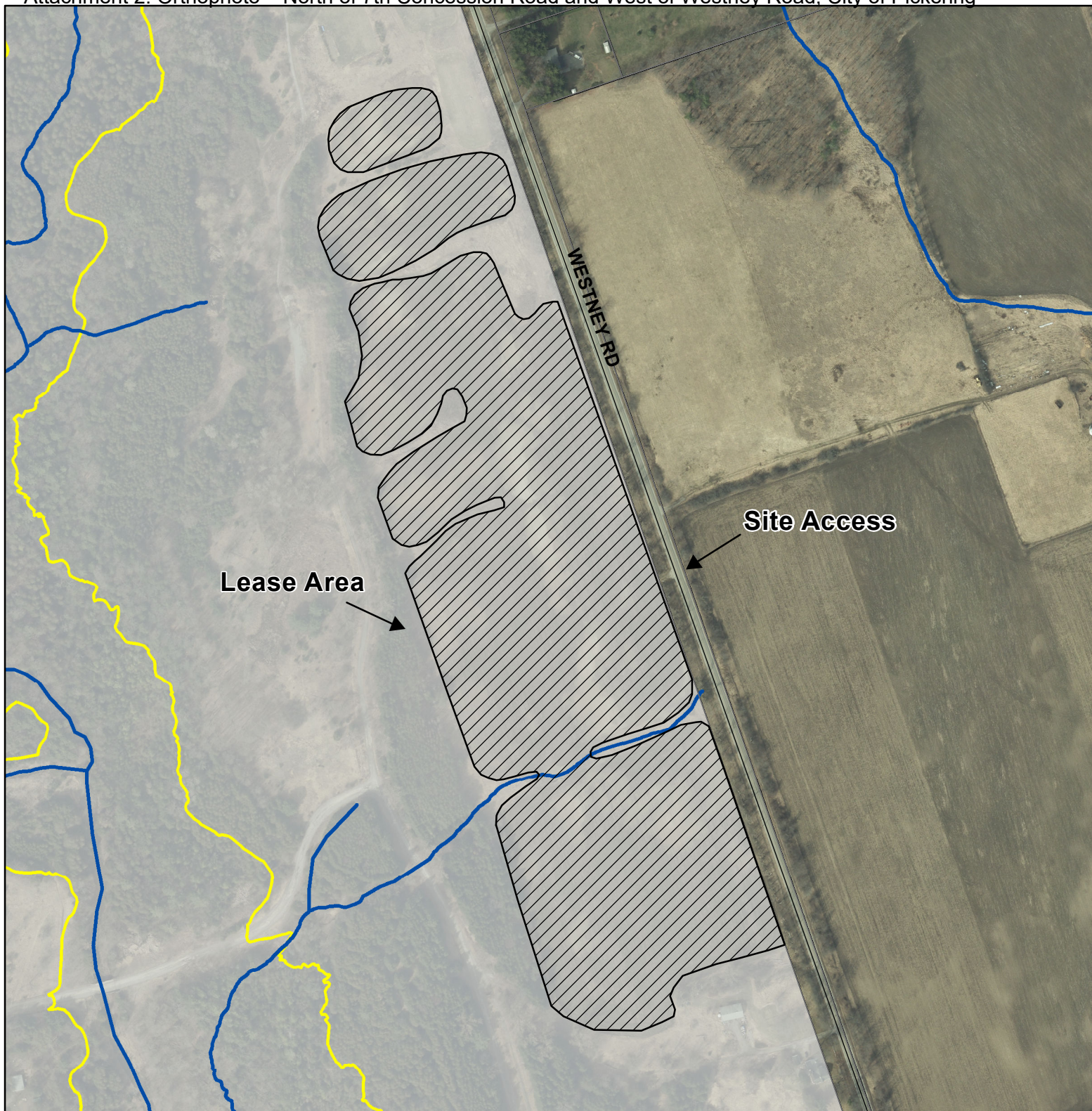
-  Lease Area
-  Watercourse
-  Floodline
-  TRCA Property
-  Parcel Assessment








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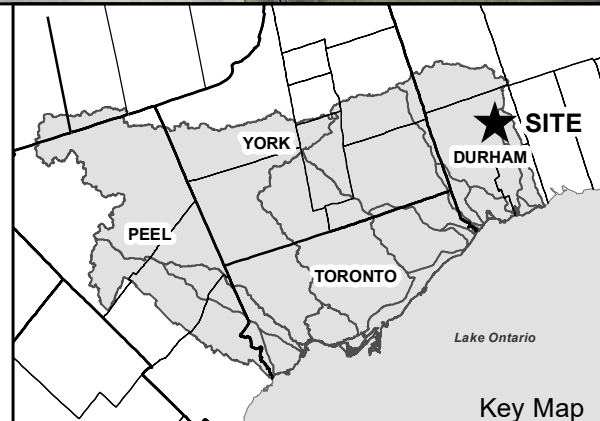
Key Map



-  Lease Area
-  Watercourses
-  Floodline
-  TRCA Property
-  Parcel Assessment



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Key Map

Section I – Items for Board of Directors Action

TO: Chair and Members of the Board of Directors
Thursday, November 10, 2022 Meeting

FROM: Michael Tolensky, Chief Financial and Operating Officer

RE: **DISPOSITION TO REGIONAL MUNICIPALITY OF PEEL**
Request from the Regional Municipality of Peel for Conveyance of a Permanent Easement Required for the East Trunk Sanitary Sewer Offline Storage Facility, South of Dundas Street and East of Southcreek Road, City of Mississauga, Regional Municipality of Peel, Etobicoke Creek Watershed (CFN 64813)

KEY ISSUE

Receipt of a request from the Regional Municipality of Peel, for a permanent easement for lands located south of Dundas Street and east of Southcreek Road, in the City of Mississauga, required for the East Trunk Sanitary Sewer Offline Storage Facility, Etobicoke Creek watershed (CFN 64813).

RECOMMENDATION:

WHEREAS Toronto and Region Conservation Authority (TRCA) is in receipt of a request from the Regional Municipality of Peel for the conveyance of a Permanent Easement on TRCA-owned lands located south of Dundas Street and east of Southcreek Road in the City of Mississauga, required for the East Trunk Sanitary Sewer Offline Storage Facility, Etobicoke Creek watershed;

AND WHEREAS it is in the best interest of TRCA in furthering its objectives as set out in Section 20 of the *Conservation Authorities Act* to cooperate with Regional Municipality of Peel in this instance;

THEREFORE LET IT BE RESOLVED THAT an easement over TRCA-owned land containing 0.56656 hectares (1.4 acres) more or less, of vacant land, required for the East Trunk Sanitary Sewer Offline Storage Facility, said lands being Part of Lot 1, Concession 1 South of Dundas Street designated as Parts 3 to 8 being part of PIN 13336-0242 (LT), on draft plan under project number 22-B7917, prepared by Mauro Group Inc., in the City of Mississauga, be conveyed to the Regional Municipality of Peel;

THAT consideration be the nominal sum of \$2 and all legal, survey and other costs to be paid by the Regional Municipality of Peel;

THAT the Regional Municipality of Peel is to fully indemnify TRCA from any and all claims from injuries, damages or costs of any nature resulting in any way, either directly or indirectly, from this conveyance or the carrying out of construction;

THAT an archaeological investigation be completed, with any mitigation measures being carried out to the satisfaction of TRCA staff, at the expense of Regional Municipality of Peel;

Item 8.5

THAT a landscape plan be prepared for TRCA staff review and approval, in accordance with existing TRCA landscaping guidelines at the expense of Regional Municipality of Peel;

THAT a permit pursuant to Ontario Regulation 166/06, as amended, be obtained by Regional Municipality of Peel prior to the commencement of construction;

AND FURTHER THAT authorized TRCA officials be directed to take the necessary action to finalize the transaction, including obtaining any necessary approvals and the signing and execution of documents.

BACKGROUND

The Regional Municipality of Peel has requested a permanent easement on TRCA-owned lands, located south of Dundas Street and east of Southcreek Road, in the City of Mississauga, required for the East Trunk Sanitary Sewer Offline Storage Facility, Etobicoke Creek watershed.

The subject TRCA-owned lands were acquired from Runnymede Development Corp. Ltd. on April 18, 1985, under the Etobicoke Creek Flood Plain Lands Project P6A-38.

RATIONALE

The Regional Municipality of Peel has conveyed lands to TRCA over the years for nominal consideration of \$2 and has requested that TRCA lands required for the East Trunk Sanitary Sewer Offline Storage Facility, be conveyed for a nominal consideration of \$2. Existing easements exist on the property for commensurate work.

All lands disturbed by construction will be restored by Regional Municipality of Peel in accordance with Ontario Regulation 166/06 permit.

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

This report supports the following strategy set forth in the TRCA 2013-2022 Strategic Plan: **Strategy 4 – Create complete communities that integrate nature and the built environment**

FINANCIAL DETAILS

The Regional Municipality of Peel has agreed to assume all legal, survey and other costs involved in completing this transaction.

Report prepared by: Stella Ku

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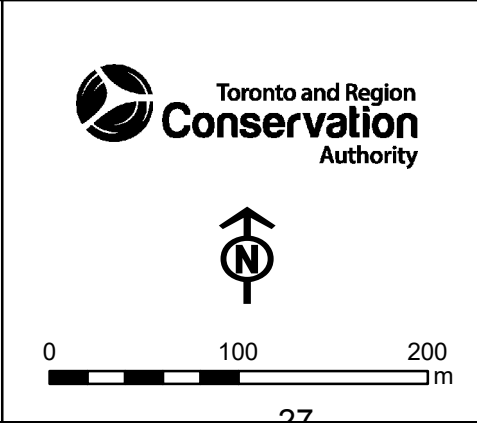
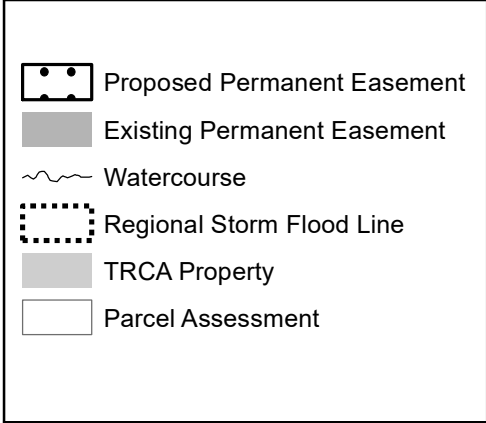
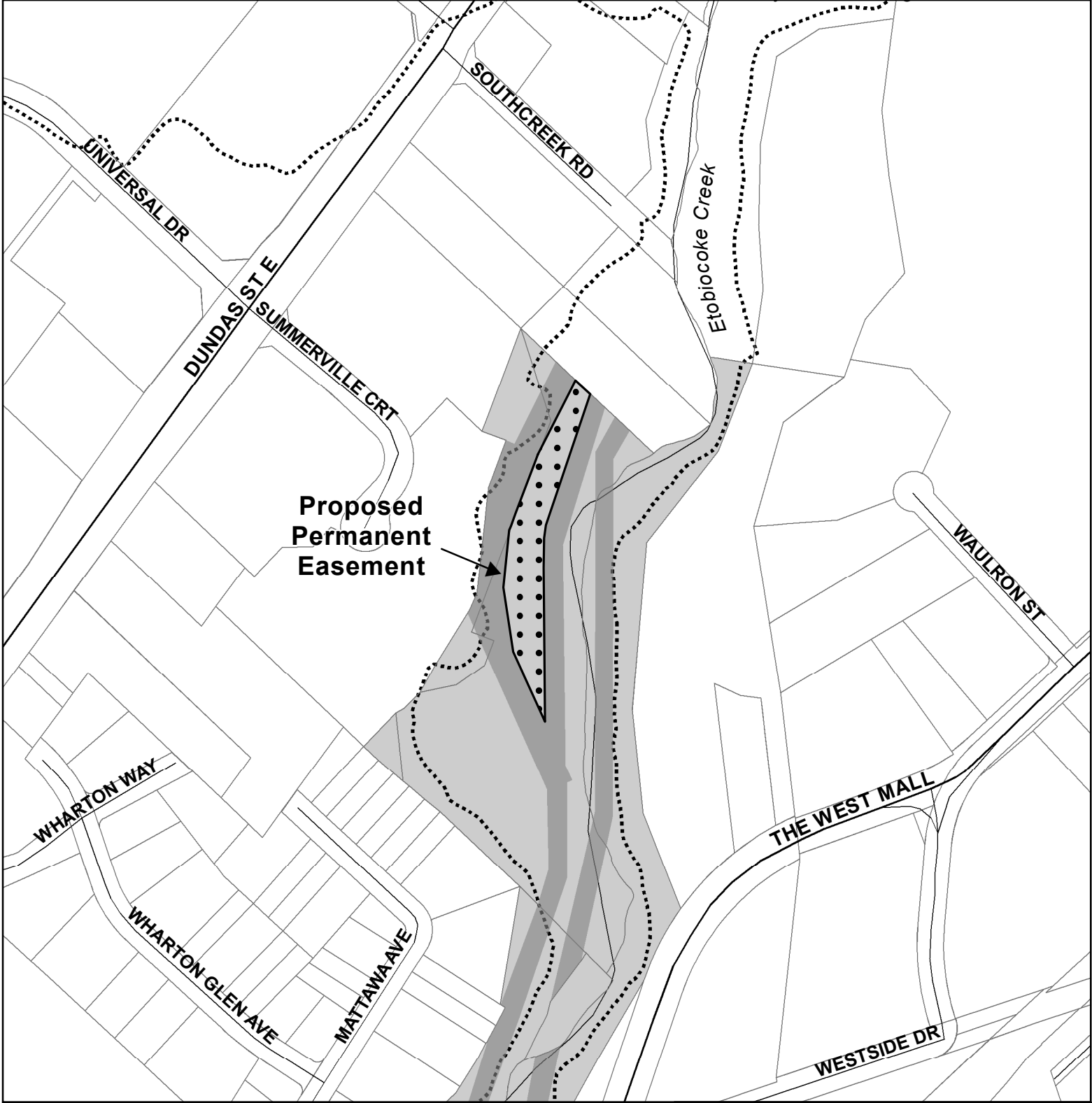
Emails: stella.ku@trca.ca; alexander.schuler@trca.ca

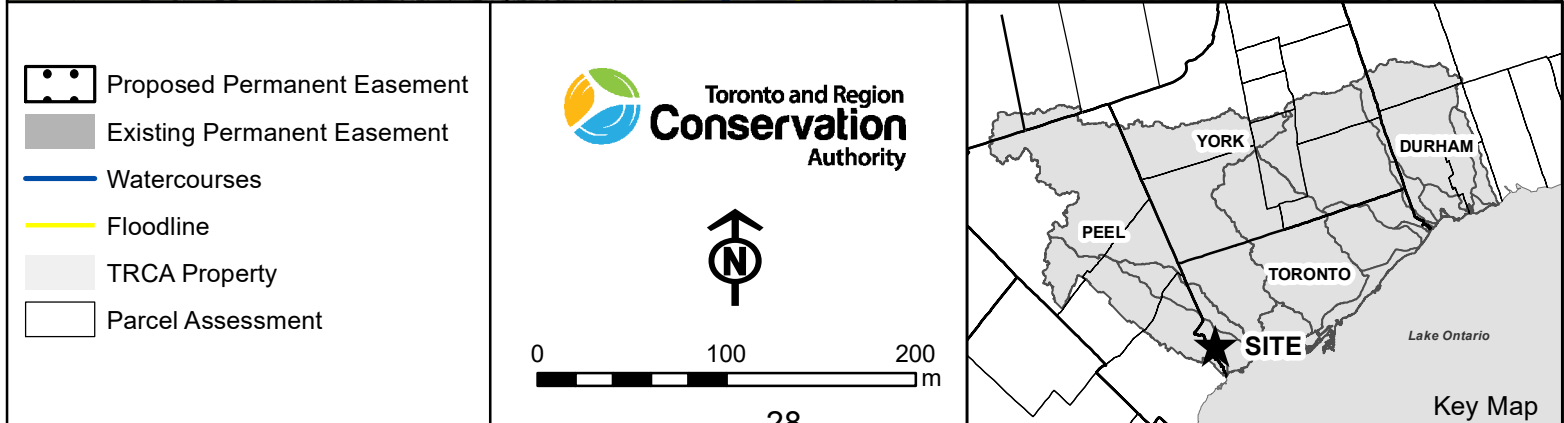
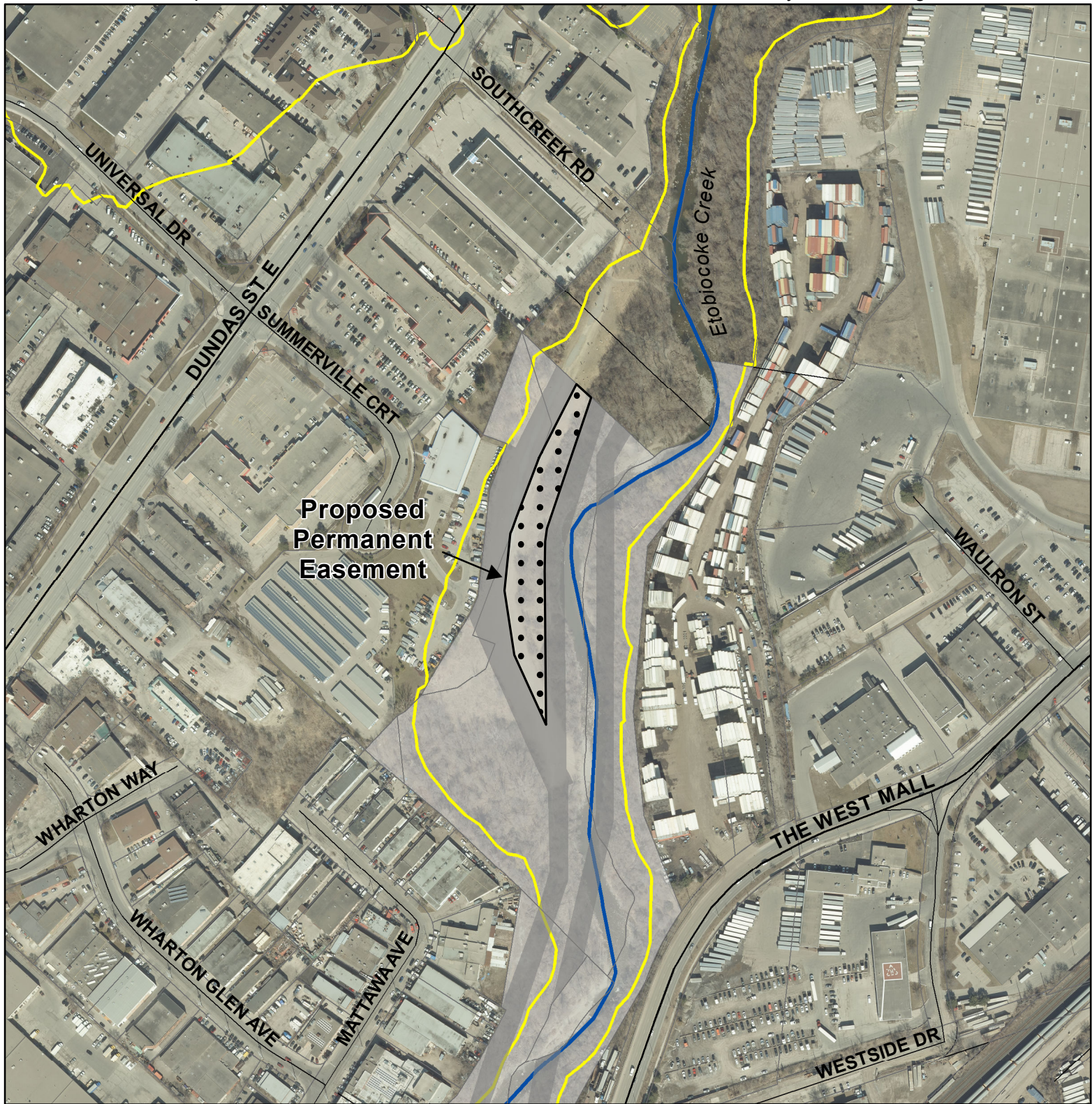
Date: October 24, 2022

Attachments: 2

Attachment 1: Site Plan - South of Dundas Street and East of Southcreek Road, City of Mississauga

Attachment 2: Orthophoto - South of Dundas Street and East of Southcreek Road, City of Mississauga





Section I – Items for Board Of Directors Action

TO: Chair and Members of the Board of Directors
Thursday, November 10, 2022 Meeting

FROM: Sameer Dhalla, Director, Development and Engineering Services

RE: **ROCKCLIFFE RIVERINE FLOOD MITIGATION PROJECT MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT**
Update on Progress

KEY ISSUE

An update and report back on the completion of the Rockcliffe Riverine Flood Mitigation (RRFM) Project Municipal Class Environmental Assessment.

RECOMMENDATION:

WHEREAS the Black Creek at Rockcliffe area is the highest ranked flood vulnerable cluster within TRCA's jurisdiction;

AND WHEREAS Toronto and Region Conservation Authority (TRCA) and the City of Toronto have completed the Municipal Class Environmental Assessment study, and most recently reported on flood risk in the Black Creek Rockcliffe area including next steps in pursuing flood remediation at Authority meeting #5/20 held on June 26, 2020;

THEREFORE, LET IT BE RESOLVED THAT the update on the completion of the Rockcliffe Riverine Flood Mitigation Project Municipal Class Environmental Assessment be received;

AND THAT staff request the Board's approval to enter into agreements with various levels of government to advance implementation of this project. This may include agreements stemming from grant and funding proposals as part of TRCA's continued support to the City of Toronto for their 2021 Disaster Mitigation Adaptation Fund application, operational and maintenance agreements, detailed design, and implementation.

BACKGROUND

The Rockcliffe neighbourhood is located in Ward 5 (York South-Weston) of the City of Toronto and within the regulatory floodplain of Black Creek. Historical development in the floodplain and alterations to the river channel prior to modern floodplain management practices has resulted in significant risk. It is an area with a high concentration of structures in the floodplain and is the highest ranked Flood Vulnerable Cluster (FVC) in TRCA's jurisdiction in terms of flood risk and consequence, according to the 2018 Flood Risk Assessment and Ranking study results, which were received by the Board of Directors via Resolution #A180/19, on October 25, 2019. Development in the area is controlled by Special Policy Area (SPA) policies originally approved in 1991. Based on updated hydraulic modelling there are approximately 366 buildings located within the regulatory floodplain. Many of these structures have experienced surface and basement flooding during severe storms in July 2013, August 2018, and July 2019 due to both riverine flooding and/or urban flooding from the City's sewer systems.

Item 8.6

TRCA and the City of Toronto have been coordinating efforts to reduce flooding risks in the Rockcliffe area. In 2014, the TRCA and the City completed two separate Environmental Assessment (EA) studies that examined options to reduce riverine and urban flooding, respectively. These EA studies are:

- 1) Black Creek (Rockcliffe Area) Riverine Flood Management Class Environmental Assessment, completed in 2014 by Amec Foster Wheeler – this TRCA EA study investigated riverine flooding and recommended riverine flood remediation measures; and,
- 2) Basement Flooding Study Area 4 and Combined Sewer Overflow Control Environmental Assessment completed August 2014 by XCG – this City of Toronto EA study investigated sewer system flooding and recommended sewer system improvements to reduce basement flooding.

Since the completion of the 2014 Class Environmental Assessment, TRCA has undertaken several technical modeling studies within the Black Creek and broader Humber River watersheds using new data, updated software and meteorological and flood information from the 2013 and 2018 storm events. These studies include a comprehensive watershed hydrology update resulting in new regulatory and design storm flow estimates for floodplain delineation (2015 Humber River Hydrology Update), and a high resolution two-dimensional (2D) hydraulic model leveraging detailed data inputs like LiDAR within the Rockcliffe community (2018 Black Creek at Rockcliffe 2D Model and Floodplain Mapping Update).

With many properties experiencing flood risk during more frequent storms and the recognition of the various riverine, pluvial, and transportation considerations at play, the results of TRCA's refined models and subsequent discussions with City of Toronto staff resulted in the need to re-assess and evaluate the feasibility of the recommended flood remediation alternatives developed in the 2014 Environmental Assessment. The reassessment of flood remediation solutions formed the basis for the "Black Creek at Rockcliffe Special Policy Area Flood Remediation and Transportation Feasibility Study" (Wood 2020) (Feasibility Study) which was completed in July 2020 and provided a number of infrastructure and process recommendations related to flood mitigation within the Rockcliffe community. The key recommendation from the Feasibility Study was that the City and TRCA should proceed with a Municipal Class Environmental Assessment as a Schedule C project.

At Board of Directors Meeting held on June 26, 2020, Resolution #A77/20 was approved as follows:

WHEREAS the Black Creek at Rockcliffe area is the highest ranked flood vulnerable cluster within TRCA's jurisdiction;

AND WHEREAS Toronto and Region Conservation Authority (TRCA) and the City of Toronto have completed Environmental Assessment studies, and most recently reported on flood risk in the Black Creek Rockcliffe area including next steps in pursuing flood remediation at Authority meeting #2/18 held on March 23, 2018;

THEREFORE, LET IT BE RESOLVED THAT the Black Creek at Rockcliffe Special Policy Areas Flood Remediation and Transportation Feasibility Study be received;

THAT TRCA develop and enter into an agreement with the City of Toronto to undertake, as a co-proponent in collaboration with City staff, a Municipal Class Environmental

Item 8.6

Assessment that will finalize the flood remediation recommendations, while addressing transportation issues, along Black Creek and its tributaries within the Rockcliffe area;

AND FURTHER THAT TRCA report back upon completion of the Environmental Assessment study.

RATIONALE

Environmental Assessment Process

Project Location and Study Area

The Project is located in the community of Rockcliffe-Smythe in Ward 5 (York-South Weston) in the City of Toronto. The Project location is generally bounded by Scarlett Road and the Humber River to the west and to immediately upstream of Weston Road in the east. The Project includes approximately 2.8 km of Black Creek and 1 km of Lavender Creek. Both watercourses are located in the Black Creek subwatershed of the Humber River watershed.

The Project study area has been divided into two sub-areas. The first is defined as the Scoped Study Area within which direct impacts and benefits from the Project are likely to occur, while the second, the Broad Study Area is the area within which indirect impacts (e.g. traffic detours) are likely to occur. The two study sub-areas delineation is provided in **Attachment 1**.

Project Goals

The Project addresses the following primary objectives:

- Minimizes riverine flood risks within the Rockcliffe SPA to the greatest extent practical in accordance with the Municipal Class Environmental Assessment (MCEA) process with the emphasis on practical, robust and low maintenance solutions;
- Minimizes and mitigates to the extent possible impacts on the residents, area businesses, public amenities, traffic and transit operations;
- Prioritizes flood protection measures through the development of an implementation plan; and
- Allows for integration with future transportation (e.g. Jane Street Transit Facility) and municipal servicing initiatives (e.g. Basement Flooding Protection Program) proposed by, or currently being conducted by the City of Toronto.

It is acknowledged that riverine flooding is not the only source of flooding within the Rockcliffe SPA, and residents continue to experience basement and property flooding as a result of urban flooding of the City's drainage network (e.g. storm and combined sewers, and roadways). Although the Rockcliffe Riverine Flood Mitigation Project (RRFM) is being undertaken to address only riverine flooding, the benefits developed from this study will support the improvements identified through the City's Basement Flooding Protection Program (BFPP) initiatives to address urban flooding within Areas 4 and Area 45 in the City.

Problem and Opportunity Statement

Previously completed studies have identified that flood protection for up to a 350-year storm event is feasible while balancing impacts of infrastructure improvements with flood reduction benefits. As such, the target level of flood protection to be achieved for the Rockcliffe SPA through this project is the 350-year or greater. The implementation of infrastructure improvements to reduce flood risk will also provide resiliency to climate change for more

Item 8.6

frequent storm events. Ancillary benefits of the project include synergies with the urban system improvements considered as part of the City's BFPP, as well as future transportation improvements planned at the Jane Street Bridge and Rockcliffe Boulevard Bridge.

Existing Land Uses

The Broad Study Area consists predominantly of established residential communities, with existing small-scale retail and commercial uses. The Broad Study Area is also characterized by historical industrial and manufacturing operations located along the rail corridors that traverse the Broad Study Area.

The Black Creek subwatershed has an overall contributing drainage area of approximately 65.1 km². The subwatershed is highly urbanized and consists primarily of low to medium density residential areas with some industrial, institutional, and commercial areas throughout. The Lavender Creek subwatershed, that drains into Black Creek, has a drainage area of 5.8 km² and has a predominantly residential land use. While both the Black Creek and Lavender Creek subwatersheds have some potential for intensification, there is no undeveloped green space available for new development.

Flood Characterization

Flooding within the Rockcliffe SPA occurs during all modelled storm events (2-year to Regional). There are two principal riverine flood mechanism in the area:

- Historic land development that predates modern land use planning and flood plain management policies resulting in development occurring too close to the watercourses within the SPA;
- Insufficient size of bridges, culverts, and channels resulting in water backing up at the structure impacting upstream water levels resulting in water spilling out of the channels into adjacent residential and commercial areas.

Development and Evaluation of Alternative Solutions

Initial high-level screening related to feasibility, constraints, and flood reduction potential was completed on a long list of alternative solutions. The long list of alternative solutions was based on the work completed as part of the previous feasibility study. The following types of alternative solutions were considered for the high-level screening:

- Do nothing;
- Channel conveyance improvements;
- Crossing conveyance improvements;
- Flood barriers;
- Storage;
- Flood diversions; and
- Policy measures.

The next step was to develop a short list of feasible alternatives including the following:

- Alternative 1 – Conveyance improvements between Jane Street and Alliance Avenue
- Alternative 2 – Conveyance improvements between Scarlett Road and Alliance Avenue
- Alternative 3 – Conveyance improvements between Scarlett Road and Weston Road.

Item 8.6

Flooding on Lavender Creek is highly dependent on the water levels at the confluence with Black Creek. To simplify the assessments at this stage of the Class EA process, the proposed conveyance improvements on Lavender Creek were maintained from the Feasibility Study (Wood, 2020) for all three alternatives. This approach allows for optimizing the design on Black Creek first, followed by further refinements to the conveyance improvements on Lavender Creek in the subsequent stages of the Project.

The alternatives were evaluated using a set of standard criteria, including natural environment, social and cultural environment, technical consideration and cost. Alternative 1 was selected as the preferred alternative.

Development and Evaluation of Design Concepts

Following the selection of the preferred alternative, alternative design concepts were developed and evaluated, with the intent for each design concept to meet the objectives and design criteria outlined earlier in the Class EA process. It is noted that each of the design concepts include some common elements, including (a) bridge replacements at Scarlett Road, Jane Street and Rockcliffe Boulevard; (b) culvert replacement at Symes Road; and (c) floodwall on the upstream side of Weston Road.

Three (3) design concepts were developed for Black Creek (BC1, BC2 and BC3), considering a range from engineered channel to full naturalization. Four (4) design concepts were developed for Lavender Creek (LC1, LC2, LC3 and LC4), considering different surface treatment and removal of an underutilized driveway.

The design concepts were evaluated in keeping with the Class EA requirements and expanding on the evaluation framework developed during the evaluation of alternatives.

Description of Preferred Design

An overview of the Preferred Design is presented in **Attachment 2** (Black Creek), **Attachment 3** (Lavender Creek) and **Attachment 4** (Scarlett Road) comprised of the following components:

Black Creek:

- Replacement of bridges at Scarlett Road, Jane Street and Rockcliffe Boulevard with longer spans;
- Widening of the concrete channel between Jane Street and Alliance Avenue, with uniform trapezoidal channel, hard and smooth surface to maximize conveyance and protect against erosion, as well as 2:1 to 2.5:1 slopes and benches when appropriate;
- Transition of the existing concrete channel through the widened crossing for Scarlett Road and upstream of Jane Street;
- Replacement of sidewalks and trails;
- Provisions for future bike lanes;
- Realignment of Rockcliffe Court and Rockcliffe Yard Driveway and parking lot;
- Weston Road flood wall;
- Relocation of impacted municipal services (water, sanitary storm); and
- Vegetation screening.

Lavender Creek:

- Widening of the concrete channel between Symes Road and the confluence with Black Creek, with uniform trapezoidal channel, hard and smooth surface to maximize conveyance and protect against erosion, as well as 2:1 to 2.5:1 slope;

- Vegetation screening;
- Relocation of municipal services;
- Replacement of the Symes Road culvert with a larger structure;
- Removal of the north driveway bridge; and
- Replacement of the south driveway bridge.

Potential Environmental Impacts, Mitigation and Net Effect

The Project considered a range of environmental impacts, including terrestrial and aquatic environment, Species at Risk (SAR), air quality, surface water quality, groundwater quality, impacts on other infrastructure projects, impacts to private properties, impacts on public properties, disturbance to built heritage, public safety, traffic, transit operations, area businesses, recreational facilities, aesthetics, SPA status and others. Appropriate mitigation measures have been proposed to address the identified impacts when required.

Timing of Proposed Works

A proposed construction phasing and implementation plan has been developed with consideration for flood risk, traffic modelling results, constructability, and staging. The project team identified the following priorities for development of the phasing and implementation plan.

1. Funding availability;
 - a. Current Disaster Mitigation Adaptation Fund (DMAF) funding for Jane Street bridge needs to be spent by 2030.
 - b. Additional DMAF funds for the remainder of the Project will need to be spent by the end of 2032 (**pending approval of the funding application**).
2. Constructability, functionality and staging;
3. Riverine flood protection;
 - a. Providing flood protection to properties at greatest risk of flooding under existing conditions first
 - b. Minimizing properties subject to additional or new flood risk during interim condition
4. Toronto Water Basement Flooding Protection Program (BFPP) works coordination (beginning 2027); and
5. Traffic impacts.

The proposed construction phasing and implementation plan is presented in **Table 1**, and provides the most logical sequence and cost-efficient construction from a constructability, functionality, and staging consideration. The Jane Street bridge would be constructed first followed by construction of downstream to upstream contiguous components (e.g., Black Creek between Jane Street and Rockcliffe Boulevard, then Rockcliffe Boulevard bridge, etc.). This provides the following benefits:

- Provides the greatest and most immediate flood relief to the existing flood risk in the area by constructing the Jane Street bridge first;
- Allows for the efficient use of staging areas so that lay down areas would remain accessible during construction and would not become landlocked by completed works;
- Mitigates the need for temporary transition zones from wider to narrow sections of channel or to structures;
- Allows for positive channel drainage to prevent buildup of sediment and debris; and
- Allows for efficient sequencing of servicing and utility relocations.

Table1: Anticipated Construction Period for Each of the Major Project Components

Implementation Phase	Project Component	Approximate Construction Period in Consideration of Traffic and Staging	Recommended Order of Completion within each Phase
1a	Jane Street Bridge	2025 – 2028	Before upstream channel
1b	Weston Road Floodwall	2025	Anytime
	Black Creek Channel – Jane Street to Rockcliffe Boulevard	2025 – 2028	After Jane Street Bridge
2	Scarlett Road Bridge and associated transition channel grading	2028 – 2030	Anytime
	Rockcliffe Boulevard Bridge	2028 – 2030	Before upstream channel works
	Black Creek Channel – Rockcliffe Boulevard to Alliance Avenue	2028 – 2030	Before Lavender Creek works and after Rockcliffe Boulevard Bridge
	Lavender Creek – Black Creek confluence to Symes Road	2028 – 2030	After Black Creek channel works and Rockcliffe Boulevard Bridge
3	Symes Road Culvert and Lavender Creek upstream transition	2030 – 2031	After completion of Phase 2
<p>Note:</p> <p>1. Mitigation measures associated with each of the Project components, such as road restoration/realignment, municipal servicing and utility relocations, and trail replacements will occur during the same timeframe as each of the Project components.</p>			

Capital Cost

Capital costs associated with the Project include construction of the Preferred Design, and associated property acquisitions and/or easements, municipal servicing relocations, and private utility relocations (assumed to be 20% of the municipal servicing costs at each location). A summary of the capital costs is provided in **Table** .

The cost estimates have been presented in accordance with the proposed construction phasing are presented in **Table 1**. These costs also account for the following supporting components, which were estimated as percentages of the capital cost: interim phasing works (5%), consulting engineering services (7.25%), and public art (1%).

Item 8.6

Table 2: Capital Cost Summary for the Preferred Design

Implementation Phase	Item Description	Base Cost (2021 dollars)	+30% Contingency
1a	Jane Street Bridge, Channel, Servicing, Utilities, Road, and Adjacent Trails	\$46,537,000	\$60,500,000
1b	Black Creek Channel (BC1) – Jane Street to Rockcliffe Boulevard, Servicing, and Black Creek West Trail	\$23,892,000	\$31,060,000
	Weston Road Floodwall		
2	Scarlett Road Bridge, Road and Servicing	\$69,620,000	\$90,520,000
	Rockcliffe Boulevard Bridge, Rockcliffe Court, City Yard Driveway, and Black Creek East Trail		
	Black Creek Channel (BC1) – Rockcliffe Boulevard to Alliance Avenue		
	Lavender Creek Channel (LC3) – Black Creek confluence to Symes Road		
3	Symes Road Culvert and Adjacent Trails	\$10,163,000	\$13,210,000
	Lavender Creek Channel (LC3) – Upstream of Symes Road to Tie-in		
TOTAL		\$150,212,000	\$195,290,000
Note: 1. Costing based on semi-detailed itemization and MTO 2021 parametric guidelines. 2. Costing based on 2021 dollars and does not include future inflation costs. 3. +30% contingency based on Class 3 cost estimate classification system for road rail and transportation infrastructure (98R-18) (AACE, 2020)			

Monitoring

This design is expected to be implemented in phases over approximately seven to eight years, likely requiring separate construction contracts. This implies that different monitoring, operations, and maintenance activities may overlap between different phases of the project. The requirement for monitoring is expected to be further refined as part of the detailed design and tendering, as well as the actual construction sequence developed by the contractor.

In addition, both the City and TRCA will assume responsibility for several new assets in terms of their operations and maintenance. For this purpose, defined protocols are typically established and standardized for most of the City's assets (bridges, culverts, roads, servicing infrastructure, park amenities, etc.). A more site-specific protocol is expected for the new sections of the Black Creek and Lavender Creek channels.

The monitoring sequence will generally consist of the following:

- Pre-construction monitoring;

- Monitoring during construction; and
- Post-construction monitoring.

The purpose of pre-construction monitoring will be to establish the baseline set of data to evaluate the effectiveness of mitigation measures during and after the construction. It is emphasized that some of baseline data may become outdated if collected too far in advance of a certain implementation phase. As such, the requirements for pre-construction monitoring should be incorporated in individual contracts.

The purpose of monitoring during construction is to ensure that all construction activities are carried out in conformity with pertinent environmental regulations and other industry standards. The purpose of the post-construction monitoring component is to ensure that all the lands disturbed because of construction activities are restored as soon as reasonably possible, as well as to ensure that the preferred design is functioning as intended.

Public Consultation Process

As a requirement of the Schedule C MCEA process TRCA and City staff completed a comprehensive public consultation process which included hosting Public Information Centers (PICs) to solicit input from the public to help direct the project outcome. This section provides a brief overview of the events and the key themes of input received during the formal public consultation process. Due to the ongoing pandemic and public health protection measures, the PICs were virtual events hosted via Webex. During the events, participants could type questions into the Q&A box for staff to review and respond to in writing, or participants could use the raise hand function and ask questions or make comments verbally. The PICs were also recorded, and copies were posted on the project website for the public to view if they missed the live meeting. Following each PIC, members of the public were encouraged to submit additional comments or questions to the project team via an online comment form, email, or by phone.

PIC #1 – June 16, 2021

PIC #1 covered Phases 1 and 2 of the MCEA process. The purpose of PIC #1 was to:

- Introduce the project to the public, including review of the problem-opportunity statement and focus of the EA;
- Clarify the MCEA decision making process;
- Provide project context information, including information on the history of the project and related studies;
- Review work done to-date, including review of alternative solutions and evaluation criteria; and
- Engage members of the public in a dialogue about flood mitigation issues and potential solutions and the environmental effects of interest.

Forty-eight (48) members of the public attended PIC #1. (Note: the number of attendees was counted based on the number of unique log-in devices that registered during the virtual meeting. The count does not reflect if there were multiple people watching on a single device.) Questions and comments received during and following the PIC focused primarily on understanding the scope of the study, understanding the alternative solutions being considered, and identifying potential impacts to natural and recreational spaces that the public is concerned with. In addition, there were questions about the process and implementation schedule given that some residents have experienced recent flooding and would like to see swift action.

Item 8.6

Participants raised concerns with the impacts of solutions on park space, trees, wildlife, pedestrian connections, and traffic. There was a desire to see a naturalization solution that would allow for a more natural riverine condition rather than a concrete channel solution. Further, participants were concerned with the urban flooding issues in the area that are also causing basement flooding. Although this is not within the scope of the RRFM EA, participants wanted to see more information about what the City of Toronto is doing to address urban flooding in the sewer system and the schedule for that work.

Where possible during the PIC, responses to the questions were provided by project team staff either in writing through the Q&A function, or verbally. Input received from the public during PIC #1 informed the refinement of alternative solutions and the completion of the evaluation. This included the review of a naturalization solution. Input also informed the next steps in the Phase 3 MCEA work on design concepts and effects assessment. Questions that pertained to urban flooding were passed on to City of Toronto staff for further review.

PIC #2 – March 1, 2022

PIC #2 covered Phase 3 of the MCEA process. The purpose of PIC #2 was to:

- Review the purpose of the EA and findings from Phases 1 and 2 of the study on the Rockcliffe flood mitigation;
- Present how input from PIC #1 informed the project work and selection of the preferred solution.
- Present the design concepts for the preferred solution;
- Present the evaluation of design concepts and the preliminary Preferred Design concept for feedback;
- Engage members of the public in a dialogue about the preliminary Preferred Design concept and approach to the effects assessment and mitigation plans; and
- Clarify the EA study, next steps and decision-making process.

Eighty (80) members of the public attended PIC #2. (Note: the number of attendees was counted based on the number of unique log-in devices that registered during the virtual meeting. The count does not reflect if there were multiple people watching on a single device.) Questions and comments received during and following the PIC focused primarily on understanding the design concepts and the preliminary Preferred Design and understanding the impacts to residents, properties, and green space. Participants were most interested in:

- Impacts that the recommended design may have on green space and trees;
- Concerns with construction impacts related to wildlife, noise/vibration, clearing and privacy;
- Replanting and vegetation plans after construction is complete;
- Impacts from the widening of Black Creek and Lavender Creek;
- Concerns with the construction phasing approach and the potential for increased interim flood risk during construction;
- Concerns with the conservative approach to hydrologic modelling and flood risk characterization and related questions regarding the need for certain interventions, particularly along Lavender Creek; and
- Interest in seeing immediate action to reduce flood risks including implementation of the project.

Participants were also interested in the project timeline and necessary funding commitments required for implementation.

Item 8.6

Input from PIC #2 informed the confirmation of the Preferred Design concept and informed the completion of the effects assessment and mitigation plans included in the ESR. Many of the concerns raised during PIC #2 pertained to the mitigation and re-landscaping plans following construction. These concerns have been identified and addressed in the mitigation section of the Environmental Study Report (ESR).

Stakeholder Consultation

As part of the EA process, the TRCA and City established a Community Liaison Committee (CLC) to provide input into the study and to help share project information with the public. Establishment of a CLC is above the minimum mandated public consultation for a MCEA. The CLC members were engaged to provide community knowledge, interest, and input into the study. The CLC was made up of members of the local community representing residents, businesses, and key stakeholder groups such as residents' associations and local advocacy groups. A list of stakeholders was created through input from TRCA, the City, and the local Councillor's office to identify potential CLC participants. It is important to note that the CLC included members who live on Hilldale Road. The purpose of the CLC was to:

- Provide valuable and timely input into the EA while understanding the project scope;
- Assist TRCA and the City in obtaining public input and advice;
- Identify issues that may concern the community regarding the project;
- Review and provide comments on project materials for PIC consultation in order to help guide the study and to help refine the communication of project information to the public; and,
- Assist in disseminating project information in the community.

Two CLC meetings were held during the EA process. Due to the ongoing pandemic and public health protection measures, the CLC meetings were virtual meetings held via Webex. CLC #1 was held on May 19, 2021, and CLC #2 was held on February 1, 2022. Stakeholders were invited to join the CLC and attend meetings through email invitations that were circulated approximately 2 weeks prior to the CLC meetings. Materials presented to the CLC were the basis of the materials presented at the PICs with the presentation materials then refined for the PICs based on feedback from the CLC. Input received at the two CLC meetings was documented in meeting summaries.

CLC #1 – May 19, 2021

Nine (9) stakeholders attended the first CLC meeting. The purpose of the meeting was to introduce the project and project team to the CLC members; clarify the role of the CLC and the project process; provide project context information; describe the work done to date on the project related to Phases 1 and 2 of the MCEA process; and engage CLC members in a dialogue about key questions at this stage, particularly related to the project history, preliminary alternative solutions, evaluation criteria, and how best to engage the broader public on the project.

Input during CLC meeting #1 focused primarily on how technical information was presented and what the public may have concerns with at PIC #1. The CLC members helped identify where simplification/clarification of technical information was needed in advance of PIC #1. The CLC members also shared some of the key issues that the public would be interested in regarding the study focus, alternative solutions, and local impacts of concern. CLC members highlighted that basement flooding was a major issue and that at PIC #1 City staff would need to clarify work being completed related to urban flooding in the area. In addition, CLC members identified

Item 8.6

that the process, cost, and timelines for project implementation are of interest given the ongoing flood concerns and potential for residential property damage during storm events. The CLC also provided input on how to reach members of the public and inform them of PIC #1. Input from CLC #1 was used to refine consultation materials for PIC #1.

CLC #2 – February 1, 2022

Six (6) stakeholders attended CLC meeting #2. The purpose of the meeting was to provide an update on work done to-date and the project schedule; review the EA process, preferred solution, design concepts and preliminary recommendations; engage CLC members in a dialogue about the designs, evaluation, and recommendations; and to gather input on how to best engage and communicate with the public for PIC #2.

Input during the CLC meeting focused on potential issues related to the design concepts and impacts to residents, transportation, and green spaces. There were multiple questions about implementation, timelines, and construction approaches, including concerns about flood risks during construction. CLC members provided input on how to better visualize the design options so that people can more clearly understand the differences between the options. Issues related to impacts of construction on wildlife, trails, and natural corridors were raised. CLC members also identified concerns with how PIC #1 was advertised, and concerns related to public notifications. CLC members provided suggestions for improving communications to encourage PIC attendance. Ongoing concerns were raised with the timeline for implementation as well as timelines for addressing urban flooding through the City's basement flooding program. Input from CLC #2 was used to refine consultation materials and the marketing campaign for PIC #2.

Landowner Consultation

As part of the MCEA consultation program, correspondence was sent to directly impacted landowners as these potential impacts were identified throughout the Project and meetings were offered to further discuss the potential impacts.

During Phase 2 of the MCEA process one landowner was identified as potentially directly impacted. In advance of PIC #1 information regarding the project was shared with the landowner via email and phone, however, the landowner did not reply to offers to meet. During Phase 3 of the MCEA process three additional landowners was identified as potentially directly impacted. Letters were sent via registered mail to all potentially directly impacted landowners in advance of PIC #2. The letters described the potential direct impacts to their property and the landowners were invited to contact the Project team to discuss the proposed works and impacts. Letters were delivered in February 2022 and to an additional landowner in June 2022 that was identified through design refinements to mitigate other impacts. A response was received from just one of the directly impacted landowners. The response was regarding existing buried infrastructure on the private property that conflicted with the proposed infrastructures. The design was reviewed in more detail, which confirmed that a conflict was not expected.

Further attempts to contact the non-responsive, directly impacted, landowners were made in September 2022 via phone and email. The previous letters along with similar letters that reflected updated information regarding the potential impacts were sent via email to the landowners. Responses were then received from all landowners and the study team met with each individually to discuss the potential impacts, mitigation measures, and next steps related to each location.

Item 8.6

Additionally, the Project team met with various indirectly impacted landowners within the community upon request of the landowner. These landowners were informed of the Project via the public consultation process. Most of the requests were for informal site walks that the landowner used to show the Project team the existing vegetation, wildlife habitat and recreational amenities that they were concerned would be impacted. The Project team took note of these existing conditions and ensured it was considered in the evaluation of impacts and development of mitigation measures.

Ongoing consultation was undertaken with indirectly affected residents on Hilldale Road whose properties are adjacent to the Lavender Creek corridor. These residents expressed concerns with the proposed solution for Lavender Creek and loss of greenspace in the Lavender Creek corridor. Multiple emails and letters were exchanged with a particular resident who was representing the concerns of themselves and some of their neighbours. Additionally, both a site walk, and a virtual meeting were held with the resident involving key Project staff from the City, TRCA and the consultant team. Various concerns were raised by the residents throughout the consultations and the Project team provided detailed responses and developed mitigation measures to address the resident's concerns.

Next Steps

The study team is currently completing the Environmental Study Report (ESR) which has been tentatively scheduled to be released to the public on November 22, 2022. As per the direction from the City of Toronto, the public review period will consist of a 30-day review and the study team will make digital copies of the ESR available for public review via e-readers at the Jane/Dundas Branch of the City's Public Library, and the Project website.

Staff will continue to work with the City of Toronto and senior levels of government to secure and identify funding opportunities to undertake the detailed design process and implementation. As a critical piece of flood control infrastructure, the RRFM project represents an important example of a capital project focused on disaster risk reduction. Staff will continue to provide support to the City of Toronto for the approved DMAF project for the Jane Street Bridge reconstruction with implementation starting in 2025, with approved funding of \$48 million.

The City and TRCA are currently waiting on a decision and/or announcement from the federal government on the October 2021 DMAF application for the remainder of the proposed flood mitigation works as proposed through the Rockcliffe Riverine Flood Mitigation Project Municipal Class Environmental Assessment and the City's Basement Flooding Protection Program with a total intake ask of \$324 million. The provincial government has also been requested by the City through a previous Council resolution to provide funding in support of implementation of this project.

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

This report supports the following strategy set forth in the TRCA 2013-2022 Strategic Plan:
Strategy 2 – Manage our regional water resources for current and future generations

FINANCIAL DETAILS

Funding for the Rockcliffe Riverine Flood Mitigation Project Municipal Class Environmental Assessment was made available through a fee for service delivery agreement with the City of Toronto within account 107-82.

DETAILS OF WORK TO BE DONE

TRCA will work with the City of Toronto to coordinate press releases and social media updates

Item 8.6

communicating notices, the approval, and or any decisions related to the Environmental Assessment to the public and key stakeholders.

Report prepared by: Nick Lorrain; Rob Chan; Melody Brown

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For Information contact: Nick Lorrain, (437) 880-2375

Email: nick.lorrain@trca.ca

Date: November 10, 2022

Attachments: 4

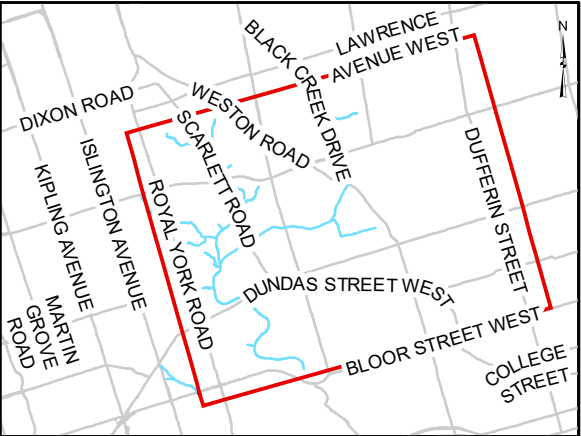
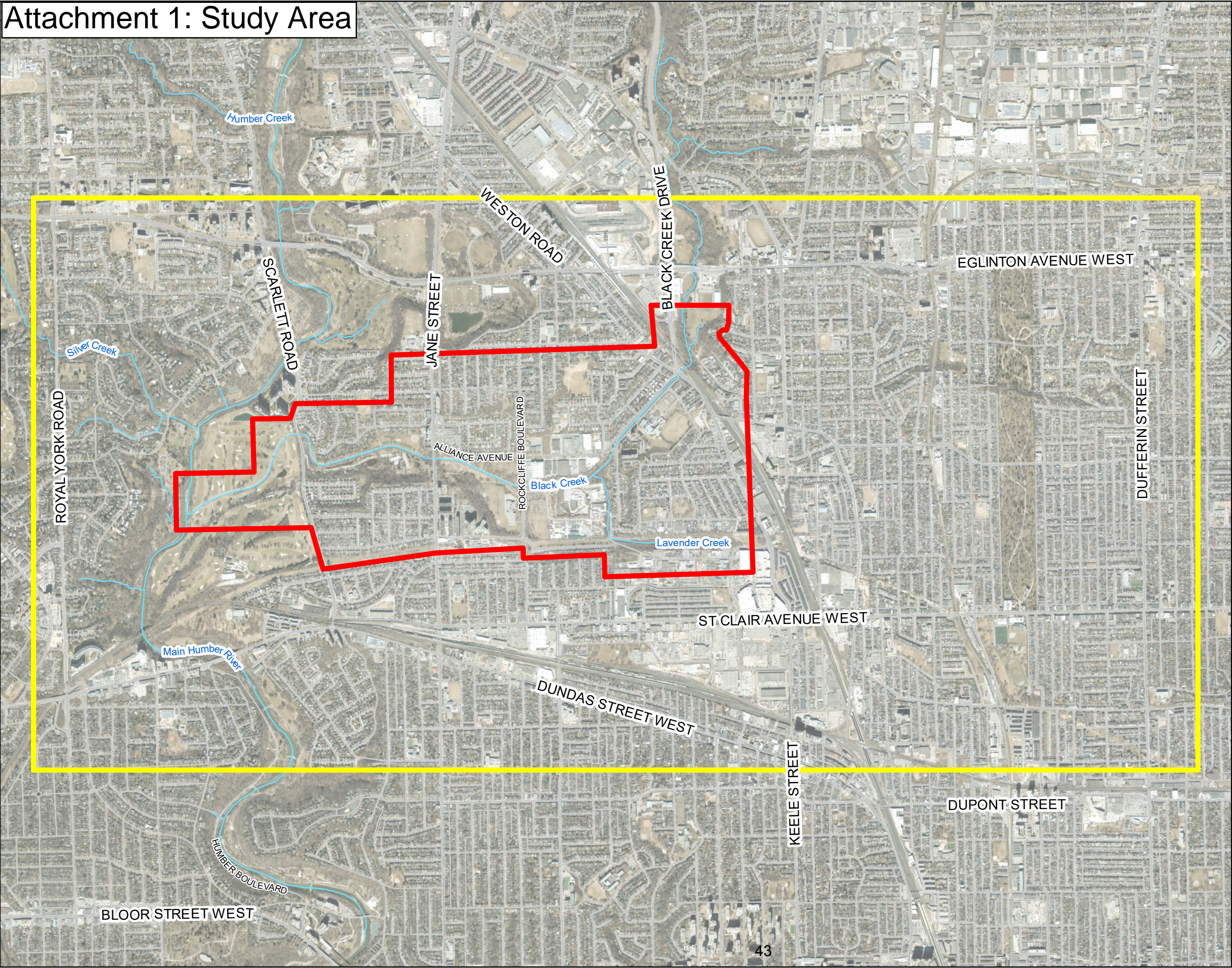
Attachment 1: Study Area

Attachment 2: Preferred Design – Black Creek

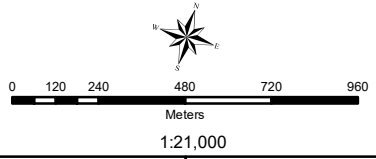
Attachment 3: Preferred Design – Lavender Creek

Attachment 4: Preferred Design – Black Creek at Scarlett Road

Attachment 1: Study Area



- Legend**
- Scoped Study Area
 - Broad Study Area
 - Roads
 - Watercourse



Datum: NAD 1983 UTM Zone 17N North American 1983	Sources: Toronto and Region Conservation Authority City of Toronto
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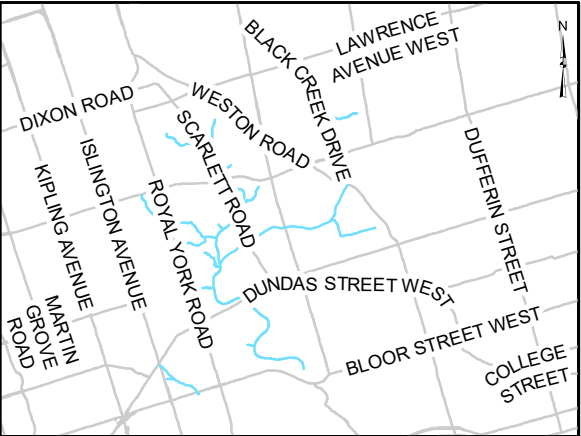
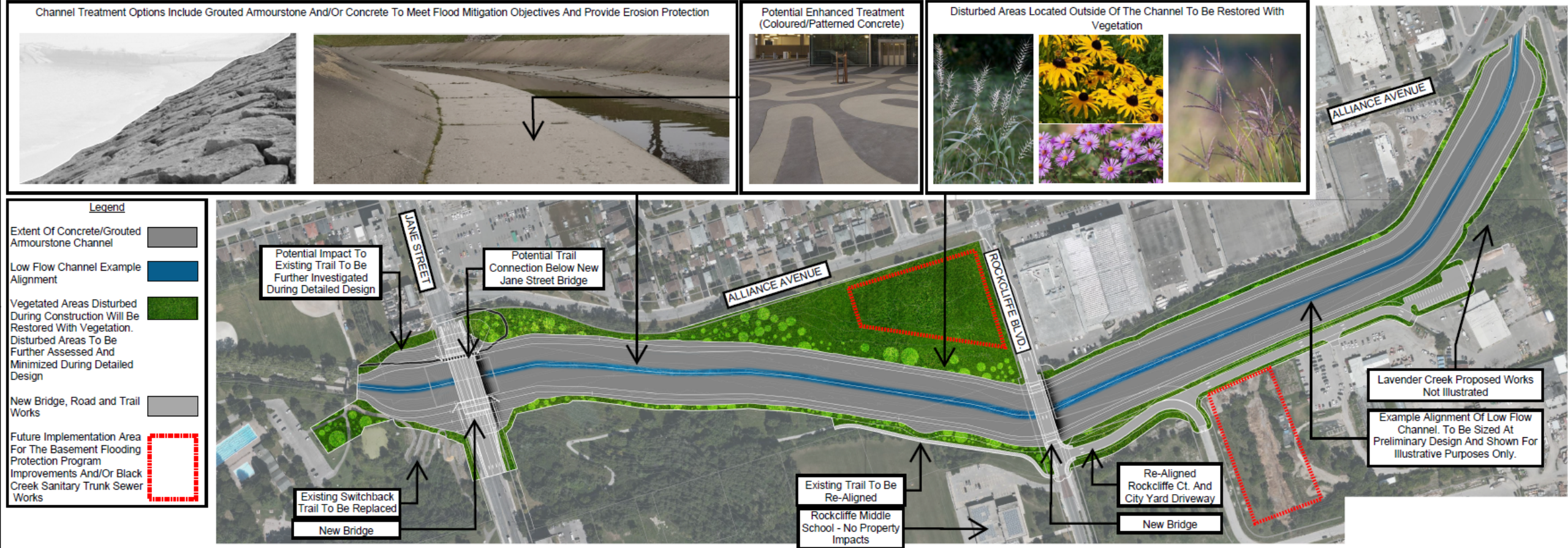
Rockcliffe Riverine Flood Mitigation
Municipal Class Environmental Assessment

Project Location

Project No.:	202179500	1
Date:	September 2022	

Map location: G:\2020\02\179500\mde\LSA\Fig_1_1_Rockcliffe_Riverine_Flood_Mitigation_Project_Location.mxd
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Attachment 2: Preferred Design - Black Creek



Not to Scale

Datum: NAD 1983 UTM Zone 17N
North American 1983

Source: Toronto and Region Conservation Authority
City of Toronto



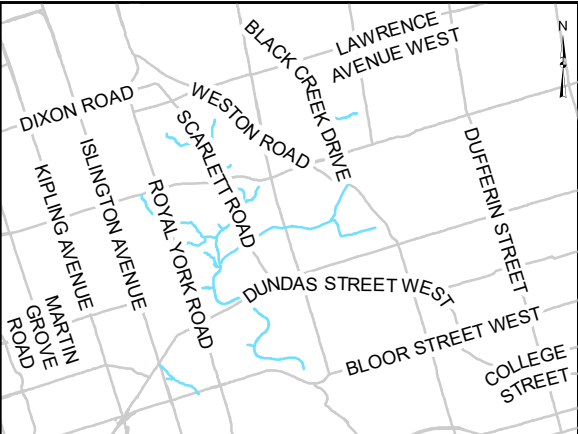
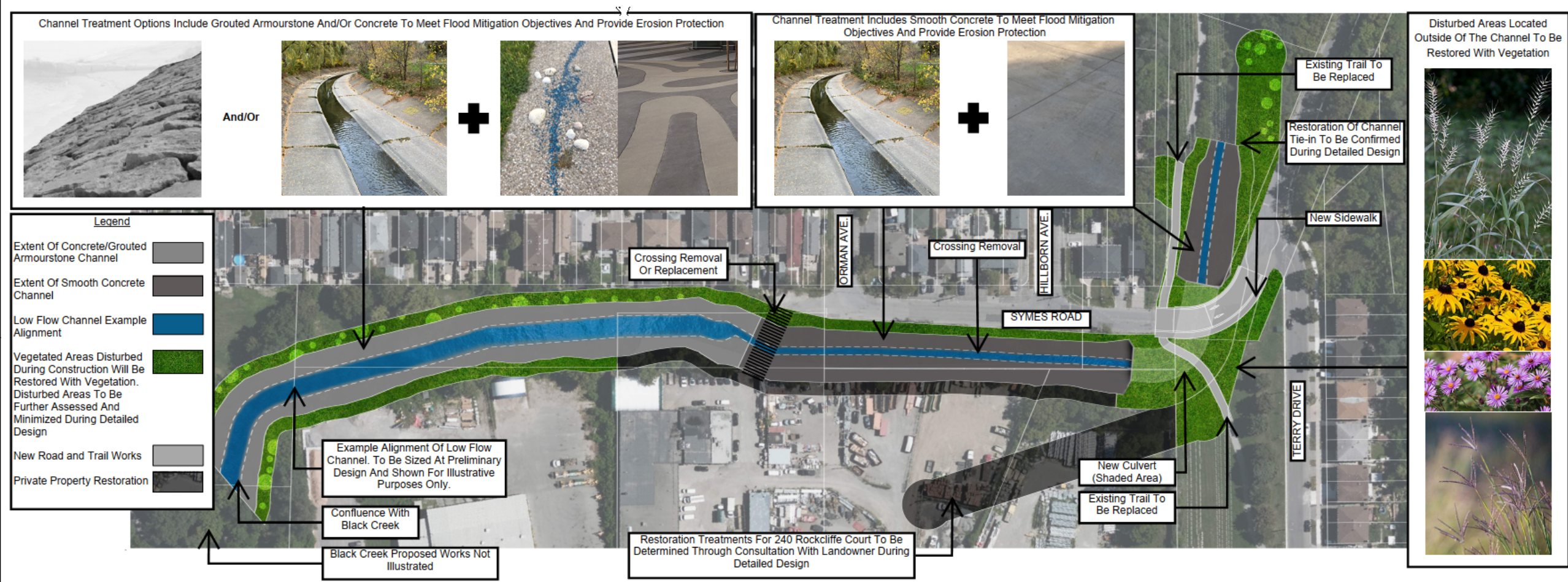
Rockcliffe Riverine Flood Mitigation
Municipal Class Environmental Assessment

BC1 Concept Plan

Project No.:	202179500	2
Date:	June 2022	

Map location: G:\2020\102179500\mxd\ Template\Blank Template for Non GIS Figures.mxd
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Attachment 3: Preferred Design - Lavender Creek



Not to Scale

Datum: NAD 1983 UTM Zone 17N
North American 1983

Source: Toronto and Region Conservation Authority
City of Toronto

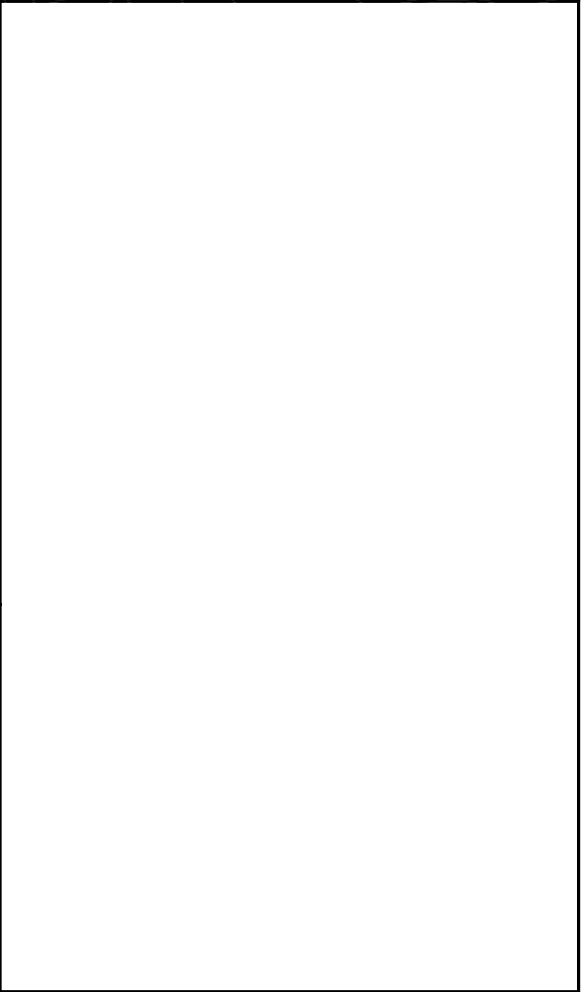
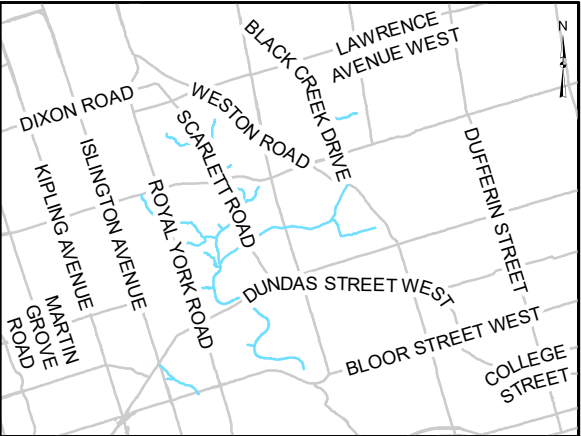
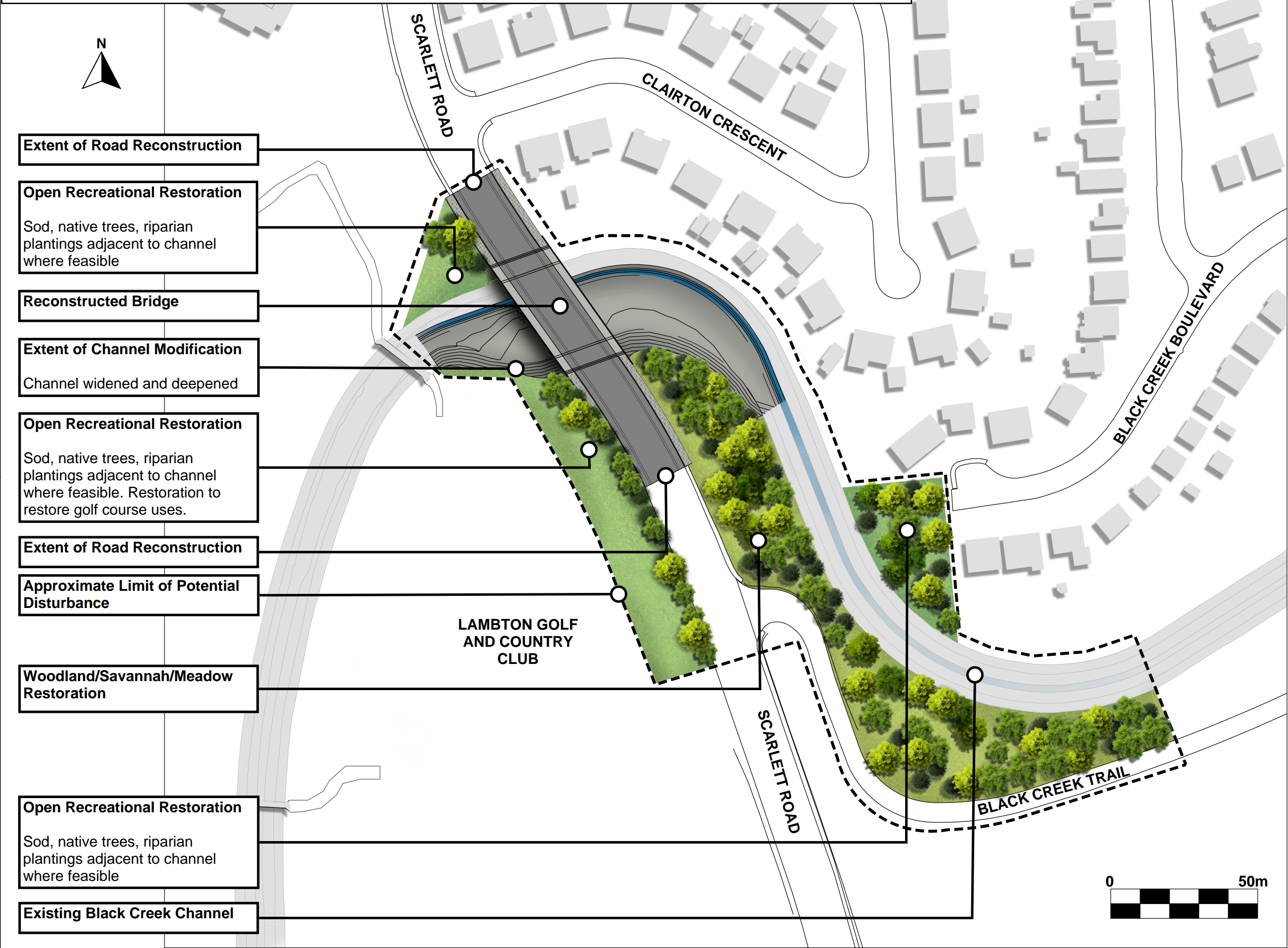



Rockcliffe Riverine Flood Mitigation
Municipal Class Environmental Assessment

LC3/LC4 Concept Plan

Project No.:	202179500	3
Date:	June 2022	

Attachment 4: Preferred Design - Black Creek at Scarlett Road



Not to Scale	
Datum:	Source: Toronto and Region Conservation Authority City of Toronto
<div><div></div><div>Matrix Solutions Inc. ENVIRONMENT & ENGINEERING</div></div>	
Rockcliffe Riverine Flood Mitigation Municipal Class Environmental Assessment	
Scarlett Rd Bridge Replacement and Black Creek Channel Modification - Conceptual Plan	
Project No.:	202179500
Date:	June 2022
4	

Section I – Items for Board of Directors Action

TO: Chair and Members of the Board of Directors
Friday November 10, 2022 Meeting

FROM: Michael Tolensky, Chief Financial and Operating Officer

RE: **PROPOSED 2023-2024 TRCA MEETING SCHEDULE**

KEY ISSUE

Approval of the Proposed 2023-2024 Toronto and Region Conservation Authority (TRCA) Board of Directors and Executive Committee meeting schedule.

RECOMMENDATION:

THAT the Proposed 2023-2024 TRCA Meeting Schedule, as outlined in Attachment 1, be approved;

AND FURTHER THAT the schedule be distributed to the Minister of Natural Resources and Forestry, the Minister of the Environment, Conservation and Parks, municipalities within TRCA's jurisdiction, and Conservation Ontario.

BACKGROUND

Section C.2 of TRCA's Board of Directors Administrative By-Law ("By-Law") requires that TRCA's Board of Directors approve an annual schedule for regular meetings of the Board of Directors and Executive Committee.

RATIONALE

The proposed 2023-2024 meeting schedule is guided by a number of general scheduling assumptions and principles:

- Avoid conflicts with municipal council, board, and committee meeting dates, which usually fall on days other than Friday
- Avoid Federation of Canadian Municipalities (FCM) Board of Directors meeting dates (tent. February 28 to March 3, September 12-15, November 21-25) and the FCM Annual Conference (May 25-28)
- Avoid statutory holidays, memorial days, days of cultural or religious significance, and school spring breaks
- Avoid Fridays following the City of Toronto Council regular meetings, since in the past (in special circumstances) these meetings have been extended to Friday
- Allow for summer and winter hiatus to better accommodate planned summer vacations and the December holiday season, in accordance with TRCA's Board of Directors and Executive Committee Terms of Reference, and in line with the practice in many municipalities

Should any conflicts with municipal meeting dates arise following the release of meeting calendars for municipalities within TRCA's jurisdiction, the Clerk's Office will revise the 2023-2024 meeting schedule.

Annual Meetings

At Authority Annual Meeting held on January 25, 2002, Resolution #A6/02 was approved in part as follows:

THAT the dates of future Annual Meetings be changed to accommodate the budget meeting schedule for our member municipalities, such that the Annual Meeting held following a municipal election be in January while the Annual Meetings in the interim two years between elections be moved to February.

In accordance with RES.#A6/02, the 2023 annual Board of Directors meeting has been scheduled for Friday January 13, 2023, and Friday February 16, 2024.

Delegated Authority for Summer, Winter and Post-Election Recess

As the busy summer construction season typically results in a high volume of permit approval requests and conversely there is a small possibility of permits required in December, staff request an exception to RES.#A28/16, which requires Executive Committee approval for all “major” development and infrastructure permits within the TRCA’s regulatory jurisdiction, in order to allow for the approval of all permits in the months of December 2022 and July, August 2023 to be delegated to the Director, Development and Engineering Services. Prior to any approval under this delegated authority TRCA staff will continue to ensure that all permits are compliant with the regulations under the Conservation Authorities Act. Further, any permits subject to this delegation of authority will be circulated to Executive Committee members and Board Members representing the area subject to the permit at least a week ahead of the approval date, which will enable Board Members to voice any concerns that may have in relation to the proposed permit. Finally, staff will report back to the February 2023 and September 2023 Executive Committee meeting with a summary report on all permits approved under this delegation of authority.

Approval of all time sensitive procurements and agreements for the months of December 2022 and July and August 2023 have been delegated to the Chief Executive Officer or their designate. Where it is anticipated that a contract would need to be awarded during the summer or winter hiatus, staff will prepare a summary report for November 2023 and June 2023 Board of Directors meetings, providing all information available at that time and recommending the course of action. Staff will further report back on any contracts awarded under this delegated authority at the February 2023 and September 2023 Board of Directors meetings.

On September 23, 2022 the Administrative By-Law was updated to reflect the above noted delegated authority in order to streamline reports and reduce redundancy in preparing reports for Board consideration:

21. Delegated Authority

- (1) The Chief Executive Officer (CEO) is delegated the authority during the months of July, August and December of each calendar year.*
- (2) The Chief Executive Officer (CEO) is delegated the authority during the months of September, October and November during an election year where quorum is not met three days in advance.*
- (3) Any exercise of the authorities delegated to staff through during the above noted months are required to report to the Board at its next available meeting.*

Item 8.7

Should another item require Board of Directors approval during the summer or winter hiatus, subsection C.2(4) of the By-law permits the Chair to call a special meeting, if necessary, as follows:

C.2(4) *The Chair may, at their pleasure or at the request of a Board Member, call a special meeting of the Board of Directors with seven days' notice, in writing, or as is necessary. The Chair shall not refuse the calling of a special meeting with majority support. The notice shall state the business of the special meeting and only that business shall be considered at that special meeting. The agenda for special meetings of the Board of Directors shall be prepared, as the Chair may direct.*

Hybrid Meetings and Participation by Electronic Means

Due to voting considerations, TRCA is scheduled to have the Annual General Meeting in January 2023 as an in-person meeting with hybrid regular meetings to follow subject to Board direction.

For members who participate in-person, meetings will be held at TRCA's Head Office (either at 101 Exchange Avenue, Concord or at 5 Shoreham Drive, Toronto). All meetings will begin at 9:30 a.m. Board members are required to schedule to be in attendance at all meetings, from the start of the meeting until at least 1:30 p.m., in order to ensure quorum is maintained and continuity of TRCA operations is preserved.

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

This report supports the following strategy set forth in the TRCA 2013-2022 Strategic Plan:
Strategy 7 – Build partnerships and new business models

FINANCIAL DETAILS

There are no financial implications associated with this report.

DETAILS OF WORK TO BE DONE

Once the schedule is approved, a copy will be circulated to the Minister of Natural Resources and Forestry, Minister of the Environment, Conservation and Parks, municipalities within TRCA's jurisdiction, and Conservation Ontario

Report prepared by: Joanne Hyde

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Email: michael.tolensky@trca.ca

Date: September 27, 2022

Attachment: 1

Attachment 1: Proposed 2023-2024 TRCA Schedule of Meetings

Attachment 1 Proposed 2023-2024 TRCA Schedule of Meetings

TORONTO AND REGION CONSERVATION AUTHORITY 2023 - 2024 SCHEDULE OF MEETINGS BOARD OF DIRECTORS AND EXECUTIVE COMMITTEE

January '23							February '23							March '23							April '23						
Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7				1	2	3 EXEC	4				1	2	3 EXEC	4							1
8	9	10	11	12	13 BoD	14	5	6	7	8	9	10	11	5	6	7	8	9	10	11	2	3	4	5	6	7	8
15	16	17	18	19	20	21	12	13	14	15	16	17 BoD	18	12	13	14	15	16	17	18	9	10	11	12	13	14 EXEC	15
22	23	24	25	26	27	28	19	20	21	22	23	24	25	19	20	21	22	23	24 BoD	25	16	17	18	19	20	21	22
29	30	31					26	27	28					26	27	28	29	30	31		23	24	25	26	27	28 BoD	29
																					30						
May '23							June '23							July '23							August '23						
Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th	F	Sa
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7	8	9	10	11	12 EXEC	13	4	5	6	7	8	9 EXEC	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
21	22	23	24	25	26 BoD	27	18	19	20	21	22	23 BoD	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30	31		
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September '23							October '23							November '23							December '23						
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10	11	12	13	14	15	16	8	9	10	11	12	13	14	12	13	14	15	16	17 BoD	18	10	11	12	13	14	15	16
17	18	19	20	21	22 BoD	23	15	16	17	18	19	20 BoD	21	19	20	21	22	23	24	25	17	18	19	20	21	22	23
24	25	26	27	28	29	30	22	23	24	25	26	27	28	26	27	28	29	30			24	25	26	27	28	29	30
							29	30	31												31						
January '24							February '24																				
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21	22	23	24	25	26 BoD	27	18	19	20	21	22	23 BoD	24														
28	29	30	31				25	26	27	28																	

BoD = Board of Directors

EXEC = Executive Committee

* Annual Board of Directors Meeting

Statutory Holidays (Date Observed)

Memorial Days

Festive Closure

Mid-Winter Break (MoE) (Not a holiday; for information only)

Section I – Items for Board of Directors Action

TO: Chair and Members of the Board of Directors
Thursday, November 10, 2022 Meeting

FROM: Michael Tolensky, Chief Financial and Operating Officer

RE: **DELEGATED AUTHORITY REQUEST FOR WINTER 2022**
Request for Delegated Authority for the Chief Executive Officer

KEY ISSUE

It is requested that the Chief Executive Officer (CEO) be granted delegated authority in November and December 2022, pursuant to Section 21 of Toronto and Region Conservation Authority's (TRCA) Administrative By-Law for time sensitive procurements to ensure business continuity including support for municipal and partner supported programs and projects.

RECOMMENDATION:

WHEREAS TRCA Procurement Policies require reporting to the Executive Committee for procurements over \$250,000 and to the Board of Directors for procurements over \$500,000;

WHEREAS no meetings of TRCA's Executive Committee and Board of Directors are scheduled for December of each calendar year;

WHEREAS a number of legislative amendments and draft regulations have been released by the Province requiring a time sensitive TRCA response;

THEREFORE LET IT BE RESOLVED THAT the CEO be delegated authority to approve, grant or authorize all activities in connection with acquisition of goods and services or submissions on major legislative and policy matters that would otherwise require Executive Committee of Board of Directors approval for November and December 2022;

THAT any approval under the delegated authority comply with TRCA's Procurement Policies;

THAT should TRCA staff be unable to negotiate contracts with successful Proponents, staff be authorized to enter into and conclude contract negotiations with other Proponents that submitted proposals, beginning with the next highest ranked meeting TRCA specifications;

THAT authorized TRCA officials be directed to take whatever action may be required to implement the contract, including the obtaining of necessary approvals and the signing and execution of any documents;

AND FURTHER THAT staff report back at the February 17, 2023 Board of Directors meeting with a list of all procurements that were approved under the delegated authority.

BACKGROUND

At Board of Directors Meeting held on September 23, 2022, Resolution #A144/22 was approved

Item 8.8

as follows:

WHEREAS no meetings of TRCA's Executive Committee and Board of Directors are scheduled for the months of July, August and December of each calendar year and meetings scheduled for September, October and November during a municipal election year may have difficulty reaching quorum due to conflicting obligations of municipally-appointed board members;

THEREFORE, LET IT BE RESOLVED THAT the CEO be delegated authority during the months of July, August and December of each calendar year;

AND THAT the CEO be delegated authority during the months of September, October and November during an election year where quorum is not met three days in advance;

AND THAT the Administrative By-Law be updated to include Section 21 providing for this authority;

AND FURTHER THAT any exercise of the authorities delegated to staff through this report will be reported back to the next available meeting.

RATIONALE

This report requests the Board of Directors to allow for delegated authority to the CEO on a time-limited basis to ensure that TRCA business continuity is maintained in November during a municipal election year, where quorum is not met three days in advance of a scheduled meeting and during December as there are no meetings scheduled until the Annual General Meeting on January 13, 2023.

At this time, it is expected the following procurement would require delegated authority approval for the winter months to meet established timelines for project and program delivery. Note that the anticipated value listed does not include considerations for contingency. This will be incorporated into contracts as deemed necessary.

Project	Description	Type of Goods/ Services	Type of Procurement	Anticipated Value	Staff Lead
Cudmore Creek Wetland & Trailhead Project: Phase 2 Implementation	Construction of the Cudmore Creek Wetland & Trailhead Project by General Contractor. Includes supply of all materials, labour, equipment, manufacturing, installation of site features and construction management services.	Construction Goods, Services, Materials, and Supplies	Competitive Request for Tender	\$1.1M	Jaya Soora, Senior Project Manager, Project Management Office jaya.soora@trca.ca (365) 566-2380

Item 8.8

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

This report supports the following strategy set forth in the TRCA 2013-2022 Strategic Plan:

Strategy 9 – Measure performance

FINANCIAL DETAILS

The use of delegated authorities outlined in this report will rely on new, available and/or reallocated funding with no net impacts to annual budgets approved by the Board of Directors.

The actual anticipated financial implications associated with this report are currently unknown and will be dependent on the use of delegated authorities in response to emerging issues or time-sensitive requirements.

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

This report supports the following strategy set forth in the TRCA 2013-2022 Strategic Plan:

Strategy 1 – Green the Toronto region's economy

DETAILS OF WORK TO BE DONE

Staff will report back to the February 17, 2023 Board of Directors meeting with a list of all procurements approved under delegated authority, including related financial details.

Report prepared by: Joanne Hyde

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Date: October 20, 2022

Section III – Items for the Information of the Board

TO: Chair and Members of the Board of Directors
Thursday, November 10, 2022 Meeting

FROM: John MacKenzie, Chief Executive Officer

RE: **UPDATE AND PROGRESS REPORT ON MUNICIPAL MEMORANDUMS OF UNDERSTANDING**
Update on Memorandums of Understanding with participating and partner municipalities

KEY ISSUE

To provide an update to the Board of Directors on work underway to update and develop new Memorandums of Understanding (MOUs) and other agreements with participating and partner municipalities in the context of the updated Conservation Authorities Act (CA Act) and regulations, and to obtain Board approval of the third progress report on this work, as required under O.Reg. 687/21, Transition Plans and Agreements for Programs and Services Under Section 21.1.2 of the Act under the Conservation Authorities Act ("Transition Regulation") and to be submitted to the Province.

RECOMMENDATION:

THAT the update on Memorandums of Understanding and Toronto and Region Conservation Authority's (TRCA) progress report, be received;

THAT TRCA's Board of Directors approve this progress report in fulfillment of the third progress report to be submitted to the Province by January 1, 2023, as required by O.Reg. 687/21: Transition Plans and Agreements for Programs and Services under Section 21.1.2 of the Act;

AND FURTHER THAT the Clerk and Manager, Policy, circulate this report to TRCA's municipal partners, the Ministry of Natural Resources and Forestry (MNR) and Ministry of Environment, Conservation and Parks (MECP), in fulfillment of requirements associated with the development and submission of regular progress reports, and that this report also be circulated to Conservation Ontario, neighbouring conservation authorities, and the Ministry of Municipal Affairs and Housing (MMAH).

BACKGROUND

Since 2015, the CA Act has been amended three times to provide further clarity and transparency surrounding the programs and services that conservation authorities (CAs) provide and the governance and operations of CAs. These amendments were undertaken through the Building Better Communities and Conserving Watersheds Act, 2017 (Bill 139), the More Homes, More Choice Act, 2019 (Bill 108), and the Protect, Support and Recover from COVID-19 Act (Budget Measures), 2020 (Bill 229). As a result of these amendments to the CA Act, conservation authorities will need to execute MOUs with partner municipalities to govern the funding of municipally requested non-mandatory programs and services, and cost apportioning agreements to govern the funding of other non-mandatory programs and services a CA has determined are advisable to further the purposes of the CA Act. Regular updates have been provided to the Board of Directors including at the Board of Directors' meetings on

Item 9.1

February 26, 2021 (RES.#A26/21), June 24, 2021 meeting (RES.#A143/21), and November 19, 2021 meeting (RES.#A224/21).

Finalized CA Act Phase 1 regulations were released by the MECP on October 1, 2021. A review of the Phase 1 regulations, including the Transition Regulation, and requirements for TRCA under these regulations are outlined in the TRCA report Finalized Phase 1 Regulations Under the Conservation Authorities Act, Environmental Registry of Ontario Posting (ERO #019-2986) (RES.#A211/21), at the Board of Directors meeting held on October 22, 2021, as well as in the update brought forward at the November 19, 2021 Board of Directors meeting (RES.#A224/21).

In accordance with the Transition Regulation, TRCA brought forward a Transition Plan for Board approval at the November 19, 2021 Board of Directors meeting (RES.#A224/21), and a draft inventory of programs and services at the February 25, 2022 Board of Directors meeting (RES.#A8/22). Both the Transition Plan and the draft inventory were circulated to the MECP and participating municipalities in accordance with the deadlines set out in the Transition Regulation.

Finalized Phase 2 regulations were released April 20, 2022, which set out requirements associated with the process for conservation authority budgets, the apportionment (formerly referred to as 'levy') to participating municipalities, and the methodology for the determination of the apportionment amounts owed to the conservation authority from participating municipalities, and the public sharing of governance-related information, including the requirement to post high level parent MOUs with municipalities to a conservation authority's website. A detailed update on the Phase 2 regulations was brought forward at the June 24, 2022 Board of Directors meeting (RES.#A84/22).

Thus far, TRCA has drafted and submitted two of six MOU progress reports within the timelines required by the Transition Regulation. These two progress reports were brought forward as part of the quarterly MOU update brought to the June 24, 2022 Board of Directors meeting (RES.#A79/22) and the September 23, 2022 Board of Directors meeting (RES.#113/22). The current Board of Directors report is intended to fulfill the requirement for the submission of the second MOU progress report to MNRF, due January 1, 2023.

TRCA was also advised on August 30, 2022 that through new Orders-In-Council made pursuant to the *Executive Council Act*, the MNRF has been designated as the Ministry responsible for administering the *Conservation Authorities Act*, rather than the MECP. TRCA will continue to provide MOU progress reports to both the MNRF and MECP during this transition.

RATIONALE

Comments or feedback from municipalities regarding the inventory

As of July 25, 2022, TRCA had shared the draft inventory with its participating municipalities (Peel Region, York Region, City of Toronto, Durham Region, Town of Mono and Township of Adjala-Tosorontio), as well as other partner local municipalities within TRCA's jurisdiction.

Between January 1 and October 21, 2022, TRCA has had formal meetings with the following municipalities within our jurisdiction to present the draft inventory and to move forward MOU discussions with municipalities within our jurisdiction:

- Region of Peel
- York Region
- City of Toronto
- Region of Durham

Item 9.1

- Township of Adjala-Tosorontio
- City of Brampton
- Town of Caledon
- King Township
- City of Markham
- Town of Stouffville
- City of Vaughan
- City of Pickering
- Township of Uxbridge

In addition, a number of less formal discussions have occurred between TRCA and municipal staff across the jurisdiction to ensure necessary work under existing MOUs and agreements can continue while the new MOUs are being prepared.

Thus far, the draft inventory has been well received by municipalities within TRCA's jurisdiction and the following discussions on the inventory have taken place:

- York Region staff met with TRCA staff on September 16, 2022, to request clarification on certain program areas, including which components of the program areas fell under Category 1, 2, or 3. TRCA provided clarification to the satisfaction of York Region staff and will provide information on any similar follow-up questions.
- Region of Peel staff provided written comments, questions, and requests for clarification on certain program areas, including which components of the program areas fell under Category 1, 2, or 3, on September 26, 2022. TRCA staff are reviewing the questions and compiling the rationale for service and program classification.
- Durham Region staff met with TRCA staff on July 18, 2022 to discuss questions on the inventory of programs and services. TRCA has provided formal written responses. The Region has received inventories from all five As within their boundaries, compared them and will be meeting the other CAs to determine a consistent approach. A follow up meeting has been scheduled for October 27, 2022.
- City of Toronto staff requested clarification on the Transition Plan and the classification, cost and funding sources of program areas to be included in the inventory on October 13, 2022. TRCA staff are compiling a response and a follow up meeting is scheduled for November 15, 2022.

There have been no additional comments or concerns on the service areas and program areas included, nor on how components of these services and programs have been classified by TRCA within Category 1, 2, and/or 3, that would warrant edits to the draft inventory at this time. Some municipalities have indicated that they are still working internally to review the draft inventory and coordinate any comments on it. TRCA will continue to schedule follow up meetings, particularly with participating municipalities, to obtain feedback on the inventory once municipal staff have indicated that they have completed a fulsome review of the draft inventory and have comments to share.

Summary of changes made to the inventory to address municipal comments

Any discussions thus far with participating or partner municipalities on the inventory, summarized above, have been to clarify the information in the inventory and at this time, there have been no additional comments or concerns on the service areas and program areas included, nor on how components of these services and programs have been classified by TRCA within Category 1, 2, and/or 3, that require edits to the draft inventory. TRCA is waiting on any additional feedback from participating and partner municipalities on the draft inventory and

Item 9.1

continues to schedule meetings to obtain comments. Any changes made to the inventory pending further discussion with municipalities will be noted in future progress reports.

Update on cost apportioning agreements

TRCA does not anticipate a need to enter into cost apportioning agreements under Section 21.1.2 of the CA Act. Since the last update to the Board of Directors, which included the second MOU progress report submitted to MECF, on September 23, 2022, TRCA has continued to work with participating and partner municipalities to develop and execute MOUs and other agreements for municipally requested programs and services under Section 21.1.1 of the CA Act. TRCA is also coordinating this work with other conservation authorities that share municipal jurisdiction with TRCA. A summary of the status of municipal MOUs and work to move them forward can be found in **Attachment 1**.

Difficulties experienced in developing agreements by transition date

TRCA has taken a proactive response to developing required agreements with municipalities. As such, most municipalities within TRCA's jurisdiction are well acquainted with the need for developing agreements for municipally requested services.

While the Phase 1 CA Act regulations have set out a deadline of January 1, 2024, for the execution of cost apportioning agreements with participating municipalities under Section 21.1.2 of the CA Act, TRCA is also applying this deadline to the development and execution of MOUs and other agreements under Section 21.1.1 and shall work with participating and partner municipalities to develop and execute MOUs in 2022. This is due to the benefits of entering into these agreements, the requirements of the budget process, as well as the fact that TRCA and municipal staff have already collaborated with many municipalities within our jurisdiction to develop advanced drafts of MOUs that can now be finalized based on the Phase 2 regulations.

The primary challenge that TRCA staff encountered regarding execution of municipal agreements was the October 2022 municipal elections, which delayed agreements from being brought forward to, and approved by, Councils. In addition, some high growth municipalities have indicated they have higher priorities for this term of Council that must be accomplished, or other municipal priorities that need to be brought forward to new Councils prior to dedicating municipal staff resources into MOU development. Others have questioned the need to expedite MOU development when existing agreements and fee for service work is proceeding well. TRCA staff continue to work with municipal staff, where municipal staff are willing, throughout the election and post-election phase to undertake the background work required prior to bringing the agreements forward for Council approval in an effort to execute MOUs in early 2023. At this time, TRCA does not foresee the need to request an extension to the January 1, 2024 deadline for having MOUs in place with participating and partner municipalities. Staff will continue to re-assess whether an extension request may be required in 2023 reports to the Board based on the status of MOU approvals across our jurisdiction at that time.

Additional updates

TRCA continues to work closely with adjoining CAs and CAs that share municipal jurisdictions with TRCA in order to coordinate the MOU process as much as possible, and to facilitate a consistent level of service across municipal jurisdictions. Some participating municipalities within TRCA's jurisdictions, as well as participating municipalities and associated lower tier partner municipalities, have also engaged in meetings to share information, processes and their understanding of the MOU process. TRCA anticipates that this will help provide some consistency in the MOU process and associated content across our jurisdiction.

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

This report supports the following strategy set forth in the TRCA 2013-2022 Strategic Plan:
Strategy 7 – Build partnerships and new business models

FINANCIAL DETAILS

There is no immediate financial impact due to carrying out the recommendations above. However, it should be noted that this undertaking is involving significant time from staff in all divisions across the organization along with municipal partners. The process of undertaking agreements with municipalities related to municipally requested programs and services provided by TRCA under the amended *Conservation Authorities Act*, as well as with other external organizations, is expected to have positive financial impacts for TRCA based on the interest from most municipalities in providing funding and or jointly seeking funding for a selection of TRCA service areas that support areas of need for the municipalities in question and shared municipal and TRCA interests. However, the addition of new process, reporting and municipal approval requirements by the Province in the Phase 2 regulations may unintentionally result in additional staff time for TRCA and its municipal partners and result in budget approval delays. TRCA has emphasized these matters of concern to our municipal funding partners and neighbouring conservation authorities through input on the Phase 2 regulations and through discussions with MECP staff.

DETAILS OF WORK TO BE DONE

Staff will continue to bring forward quarterly MOU update reports to the Board of Directors and, in order to comply with the requirements of the Phase 1 regulations, will continue to ensure that the content of the Board reports align with the Progress Reports required by the Province. Staff will ensure that MOU update reports are brought forward to the Board according to timelines that align with the following Progress Report deadlines set out in the Phase 1 regulations:

- April 1, 2023 (Expected Board reporting – March 2023)
- July 1, 2023 (Expected Board reporting – June 2023)
- October 1, 2023 (Expected Board reporting – September 2023)

TRCA staff will also continue to carry out discussions and MOU development with both participating municipalities and other partner municipalities in accordance with the timelines set out in TRCA's Transition Plan.

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Date: October 24, 2022

Attachments: 1

Attachment 1: Municipal MOU Status Progress Table (November 10, 2022)

Attachment 1: Municipal MOU Status Progress Table (November 10, 2022)

Municipality	Initial Meeting or Discussions Held	Draft MOU Shared	Detailed Discussions Undertaken	Advanced MOU Development	MOU Approval and Execution
Adjala-Tosorontio	X	X	X		
Mono	X	X	X		
City of Toronto	X	X	X	X	
Durham Region	X	X	X		
Peel Region	X	X	X		
York Region	X	X	X		
Ajax	X	X	X	X	
Pickering	X	X	X	X	
Uxbridge	X	X	X	X	
Brampton	X	X	X	X	X*
Caledon	X	X	X	X	
Mississauga	X	X	X		
King	X	X	X	X	
Markham	X	X	X	X	
Richmond Hill	X	X	X		
Vaughan	X	X	X		
Whitchurch-Stouffville	X	X	X	X	X

Provincial and Municipal Agencies

Create TO	X	X	X	X	X
Toronto Botanical Gardens	X	X	X	X	X
Infrastructure Ontario	X	X	X	X	
Metrolinx	X	X	X	X	X**
Hydro One	X	X	X	X	X

*An MOU was signed with City of Brampton in December 2020. This MOU will be updated to reflect the CA Act regulations.

**A Service Level Agreement is in place with Metrolinx

Section III – Items for the Information of the Board

TO: Chair and Members of the Board of Directors
Thursday, November 10, 2022 Meeting

FROM: Anil Wijesooriya, Director, Restoration and Infrastructure

RE: **EROSION RISK MANAGEMENT PROGRAM – 2022 UPDATE**

KEY ISSUE

An information report regarding the Erosion Risk Management Program and related services and strategic updates from the Erosion Risk Management business unit.

RECOMMENDATION:

IT IS RECOMMENDED THAT the staff report on Toronto Region and Conservation Authority's (TRCA) Erosion Risk Management Program, be received.

BACKGROUND

Managing the risk associated with the natural hazards of flooding and erosion is one of the primary roles of conservation authorities under the *Conservation Authorities Act*. TRCA fulfills this role through the delivery of multiple natural resource management programs and services, including the Erosion Risk Management Program (ERMP). The ERMP focuses on the identification and remediation of shoreline and valley land erosion hazards throughout TRCA's jurisdiction and encourages proactive prevention, protection, and management of erosion issues on private and public property.

The primary TRCA business unit managing erosion hazards is Erosion Risk Management (ERM) under the Restoration and Infrastructure Division (R&I). Under the ERMP, erosion hazards across TRCA's watersheds are identified and ranked on a priority basis. ERM staff regularly conduct site visits throughout the year to assess and reprioritize erosion hazards in response to major weather events. As such, the list of priority sites is not static, and the ranking of sites may change within any given year as site conditions evolve or as new erosion hazard sites are identified. Stabilization works are conducted annually to address erosion hazards based on the available funding. In general, the ERMP is capital funded through TRCA's partners at the City of Toronto, Region of Peel, and Region of York and in some specific cases local municipalities. Enhanced funding and fee-for-service work with municipal partners has also contributed greatly to the growth and expansion of the ERMP.

Federal grant funding, which TRCA started receiving in 2021 through the Disaster Mitigation & Adaptation Fund (DMAF) continues to have a positive impact on the projects being actively planned and delivered by the ERM group under several project portfolios. Of the approximately 64 projects being actively planned this year by ERM, 61% of them are being partially funded through DMAF.

RATIONALE

The following sections provide a brief overview of the various portfolios and major programs operated under the ERMP. A list of all 64 projects occurring under the ERMP in 2022, summarized by portfolio, is found in Attachment 1 – Table of projects being planned under the ERMP in 2022. These 64 project locations are shown on Attachment 2 – Map of projects being planned under the ERMP in 2022. Detailed descriptions of 11 of these 64 projects are found in

Attachment 3 – ERM Portfolio and Program Factsheets.

Toronto Ravine Major Maintenance

The Toronto Ravine Major Maintenance portfolio focuses on the maintenance and repair of TRCA's permanent erosion control assets within the City of Toronto. These structures are found along valley corridors, ravines, and natural slopes. The following factors are considered when prioritizing work: current condition of the asset; remaining service life; proximity to permanent buildings or essential infrastructure; consequence of asset failure; and asset age.

In 2022, TRCA has seven projects in study, planning or design under the Toronto Ravine Major Maintenance portfolio. TRCA's main implementation priority for this year is the West Don River in E.T Seton Park (Area 3) Major Maintenance Project.

Toronto Waterfront Major Maintenance

The Toronto Waterfront Major Maintenance portfolio handles the repair and maintenance of TRCA's network of permanent shoreline erosion control assets along the City of Toronto waterfront. These structures along the north shore of Lake Ontario are designed to provide erosion protection of the shoreline, adjacent tableland, public amenities, and infrastructure. Many of these assets are nearing the end of their lifespan and over the past five years catalogued damages to the structures have increased significantly due to multiple severe weather events.

In 2022, TRCA has seven active projects under the Toronto Waterfront Major Maintenance portfolio. The major projects being implemented this year include the Port Union Phase 1 Beach Curb Major Maintenance Project and Prince of Wales Park Major Maintenance Project.

Valley Erosion Hazards (City of Toronto)

The Valley Erosion Hazards portfolio addresses erosion hazards and slope instability issues impacting private and public property throughout the ravine systems in the City of Toronto. The July 8, 2013, severe weather event was the catalyst for a funding increase to this portfolio that prompted TRCA to extend assistance to private properties where homes have been deemed at risk by erosion or slope instability. The goal of each project is to provide a cost-effective solution to protect essential infrastructure, such as residential dwellings and municipal assets. Projects are implemented on a priority basis to the limit of available funding each year. Each year, a portion of the annual portfolio budget is allocated towards the completion of slope stability and erosion risk assessments for newly identified sites. The results of these assessments determine whether there exists any long-term erosion risk to essential structures on a property. This information is then used to quantitatively rank sites for work through the ERMP based on erosion risk.

Managing relationships with private landowners is a major component of work advanced under this portfolio and most interactions are constructive and positive. A few of the most common concerns raised by landowners have been listed below for context:

- The approach recommended by TRCA to stabilize the erosion hazards and how it impacts their property including existing vegetation/trees;
- How properties are prioritized, the associated timelines to complete the project given municipal funding considerations, and TRCA's procedural and procurement obligations; and
- Requirements under TRCA's *Private Landowner Contribution for Erosion Control Works* Policy for the property owner(s) to either financially contribute to the cost of the project or convey hazard lands where the stabilization work will take place.

Item 9.2

In 2022, TRCA has 17 active projects under the Valley Erosion Hazard portfolio and has 29 sites planned for work in the 10 Year Forecast based on projected available funding. There is currently a backlog of 39 high-risk sites known to TRCA that will not be addressed in the next 10 years due to funding constraints. The number of high-risk sites is projected to increase as climate change impacts cause more frequent and more intense severe weather events.

Implementation priorities this year include the following projects: Peacham Crescent Slope Stabilization Project; 193 – 195 Hudson Drive Slope Stabilization Project; 31 – 39 Lakeland Drive Slope Stabilization Project; East Don River behind Clarinda Drive Erosion Control and Slope Stabilization Project; 22 – 24 Bucksburn Drive Erosion Control and Slope Stabilization Project; various works as part of the Yellow Creek behind Heath Street East Erosion Control and Slope Stabilization Project; and a few minor works sites whose timing is to be confirmed.

York Region Streambank Infrastructure Erosion Control Management Program

The York Region Streambank Infrastructure Erosion Control Management Program (SIECMP) provides long-term erosion hazard management for Environmental Services' infrastructure assets along ravines and watercourses. The portfolio includes the monitoring, study, design, maintenance, and implementation of erosion control works for infrastructure protection in TRCA's jurisdiction of York Region. Studies and remedial works are prioritized based on a risk framework that considers a number of factors such as: depth of cover; infrastructure type; remaining service life; consequence of failure; and current condition of the asset.

In 2022, TRCA has five active projects under the SIECMP. The main priority for 2022 is to implement German Mills Settlers Park Sanitary Infrastructure Protection Project Sites 2 & 3.

TRCA Maintenance & Other Hazards (York Region)

The TRCA Maintenance & Other Hazards (York Region) portfolio is established for maintaining TRCA's existing permanent erosion control assets and developing new erosion control protection measures on TRCA lands within York Region. These assets are often found along ravine and valley corridors or along natural slopes. Repairs are prioritized based on a number of factors such as: asset age; remaining service life; proximity of permanent buildings or essential infrastructure; consequence of failure; and current condition of the asset.

In 2022, TRCA has three active projects under the TRCA Maintenance & Other Hazards (York Region) portfolio. The main priority for 2022 was to implement the East Humber River (EMS789) Bank Stabilization Project.

Private Property Erosion Hazard Mitigation Business Case (York Region)

The Private Property Erosion Hazard Business Case (York Region) was proposed in 2018 to address a growing number of slope instability and erosion hazards that were placing private properties at risk in TRCA's jurisdiction in the Regional Municipality of York. The goal of the business case is to provide a cost-effective solution to protect essential infrastructure, such as residential dwellings. Slope stability and erosion risk assessments, detailed design development and construction are conducted on a priority basis to the limit of available funding each year. In 2020 it was determined that no new funding would be provided, and the existing budget would be utilized to address existing commitments at key locations.

In 2022, TRCA implemented the 70 Main Street South Slope Stabilization Project under the Private Property Erosion Hazard Mitigation Business Case (York Region).

Region of Peel Erosion Control & Infrastructure Protection

The Region of Peel Erosion Control & Infrastructure Protection portfolio monitors the risk to TRCA owned erosion control structures, Region of Peel infrastructure hazard monitoring sites, and other erosion hazards impacting public and private land. This portfolio includes the monitoring, study, design, maintenance, and implementation of erosion control works to remedy these hazards. Mitigation measures and repairs are prioritized based on several factors such as: depth of cover or closest distance of the erosion hazard to the infrastructure; remaining service life; infrastructure type; consequence of failure; and current condition or exposure of the asset. Prioritization is based on the highest risk locations, which in recent years tends to be infrastructure hazard sites.

Currently, TRCA monitors 1,410 infrastructure hazard sites within the Region of Peel in TRCA's jurisdiction to establish long-term monitoring sites. In addition to these infrastructure hazard sites, TRCA currently monitors a total of 143 erosion control structures and 59 erosion hazard sites in the Region of Peel.

In 2022, TRCA has five projects under the Region of Peel Erosion Control and Infrastructure Protection portfolio. The main implementation priorities for 2022 include the Malton Greenway Sanitary Infrastructure Protection Project (I-700) and the Ken Whillans Greenway Sanitary Infrastructure Protection Project (I-566).

Toronto Water Monitoring

In 2010, the City of Toronto and TRCA developed a long-term monitoring partnership to assess the risks to Toronto Water infrastructure in ravine and valley systems. This program aims to inspect Toronto Water infrastructure within the City of Toronto's stream valleys and along the shoreline of Lake Ontario for the purpose of identifying Toronto Water infrastructure that is at risk or has been damaged due to erosion before a complete failure occurs. The program reduces environmental and public health and safety risks and allows Toronto Water staff to plan, prioritize and budget for asset maintenance, improvement, replacement, and protection effectively and efficiently.

In 2021, TRCA staff assessed a total of 2,885 assets, and it is anticipated that approximately 2,500 assets will be inspected in 2022.

Brampton City-wide Watercourse Erosion Reassessment Study

In 2016, the City of Brampton retained TRCA to undertake the City-wide Watercourse Erosion Assessment Study for the purpose of completing a detailed inventory and report to identify erosion risks to the City's infrastructure and public safety.

Between 2016 and 2017, TRCA ERM staff walked through all accessible stream corridors and completed a comprehensive inventory of erosion/flood control structures, municipal/regional infrastructure, and erosion hazard sites, resulting in 5,135 sites inventoried and inspected.

In 2018 ERM retained Greck and Associates Ltd. (Palmer & Greck) to provide professional water resources engineering services that advised on the fluvial geomorphological processes affecting flagged sites and structures. Palmer & Greck also provided recommended repair solutions for the sites, which TRCA used to develop a detailed 10-year capital repair plan and 20-year repair forecast, assuming an annual budget of \$1,000,000.00.

In 2022, ERM staff will reinspect 425 priority erosion hazard sites and structures that were previously assessed in the city. ERM will utilize information gathered from the re-inspections to

prepare a technical memorandum that will summarize the results, comment on any change in priorities from the 2018 report and provide recommendations for consideration in 2022 and beyond.

Fee-for-Service Projects

ERM also undertakes projects for TRCA's regional and municipal partners on a fee-for-service basis to help address their erosion hazard priorities. These projects vary in scale and complexity. Typical fee-for-service projects focus on providing erosion protection for critical public infrastructure and are often located in natural or environmentally sensitive areas.

In the City of Toronto, TRCA partners with the Parks, Forestry & Recreation (PF&R) and Transportation Services divisions through a Master Service Agreement. TRCA expects to establish similar service level agreements with the Toronto Water division, as well as other municipalities and regions to help deliver additional fee-for-service projects while strengthening TRCA's partnerships and financial resilience.

In 2022, ERM has 19 fee-for-service projects with various municipal and regional partners, as well as private and not-for-profit organizations. Some of the major fee-for-service projects that are being implemented this year include the University of Toronto Scarborough Campus Bank Stabilization (Area B) Project and the Humber Bay Park East Shoreline Maintenance Project.

ERMP – Strategic updates

In addition to the capital and recoverable projects & programs described above, ERM staff have been working on some key updates to the ERMP to improve operational efficiency. A brief overview on these initiatives and some high-profile and emergency works projects ERM staff are working on has been provided below:

- Staff submitted an updated version of TRCA's *Private Landowner Contribution for Erosion Control Works Policy* to the Policy Committee in March 2022; the updated Policy went into effect on May 24, 2022 (included as Attachment 4 – Private Landowner Contribution for Erosion Control Works Policy). The Policy updates provide clarity on landowner eligibility requirements and include other refinements based on extensive staff experience, knowledge, and lessons learned. The updated Policy also outlines the planning process for these types of projects in a simple and concise manner;
- ERM staff continued to monitor storm events, coordinating post-storm inspections of TRCA owned erosion control assets. During the 2021 summer storm season 6 events occurred over 7 weeks (early August thru late September). ERM staff scheduled 81 inspections of TRCA owned and maintained erosion control assets, and 96 inspections of municipal partner infrastructure hazard sites utilizing their **Flood Risk Analysis Network (FRANK)** tool. ERM staff initiated an academic research partnership with Professor Eric Vaz (*Toronto Metropolitan University – formerly Ryerson*) that will provide an automated source of georeferenced rainfall data for use in FRANK;
- Over the course of 2021, ERM increased its use of Remotely Piloted Aircraft Systems (RPAS) for the purpose of monitoring and assessing erosion hazards. Utilizing a high-resolution camera or a Light Detection and Ranging (LiDAR) payload, ERM collects data within the regulated area of TRCA's jurisdiction to be processed into three-dimensional digital terrain models (DTMs) using photos (photogrammetry), or the LiDAR data. ERM staff have also been experimenting with ground-collected photogrammetry modelling, to allow creation of a 3D model of an erosion hazard using their cellphone cameras; and

Item 9.2

- With the help of internal partners (Infrastructure Planning and Permits) ERM has reviewed the planned and/or permitted erosion control work within TRCA's jurisdiction. Six Emergency Works in the City of Toronto and one Emergency Work within Durham Region were noted as erosion control works not built, maintained, nor inspected by ERM. The proposed Planning Application Review and Enforcement System (PARES) will provide opportunity for simplified queries of planning and permit data for future reporting on non-TRCA led erosion control projects.

Relationship to Building the Living City, the TRCA 2013-2022 Strategic Plan

This report supports the following strategy set forth in the TRCA 2013-2022 Strategic Plan:
Strategy 2 – Manage our regional water resources for current and future generations

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Date: November 10, 2022

Attachments: 5

Attachment 1: Table of projects being planned under the ERMP in 2022

Attachment 2: Map of projects being planned under the ERMP in 2022

Attachment 3: ERM Portfolio and Program Factsheets

Attachment 4: Private Landowner Contribution for Erosion Control Works Policy

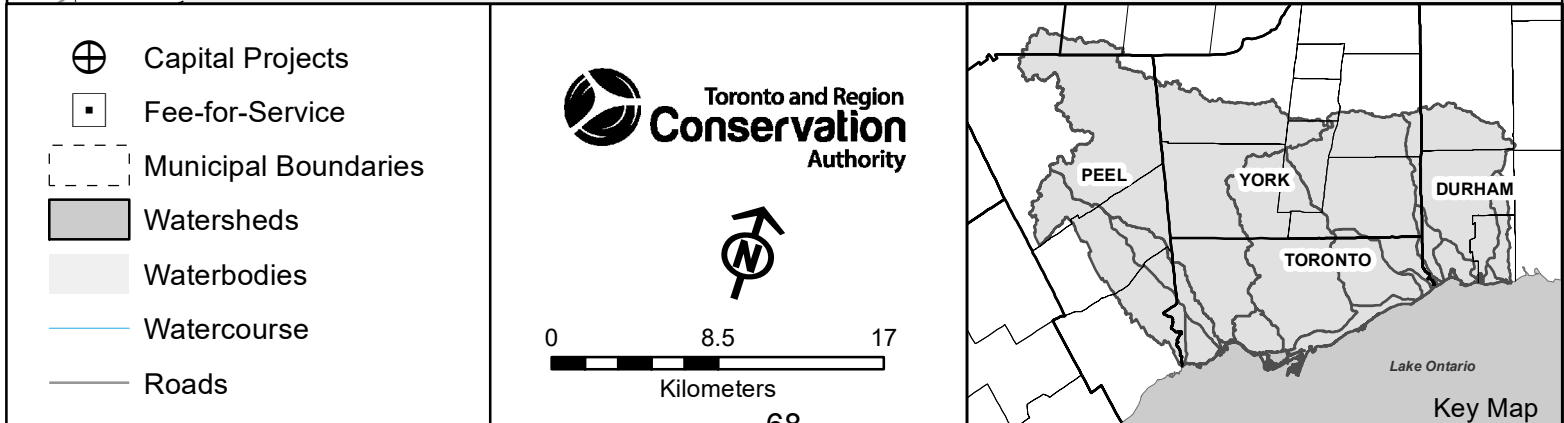
Attachment 5: Map of City of Toronto and Durham Region Planned Emergency Erosion Control Works 2022

Attachment 1: Table of Projects Being Planned Under the ERMP in 2022

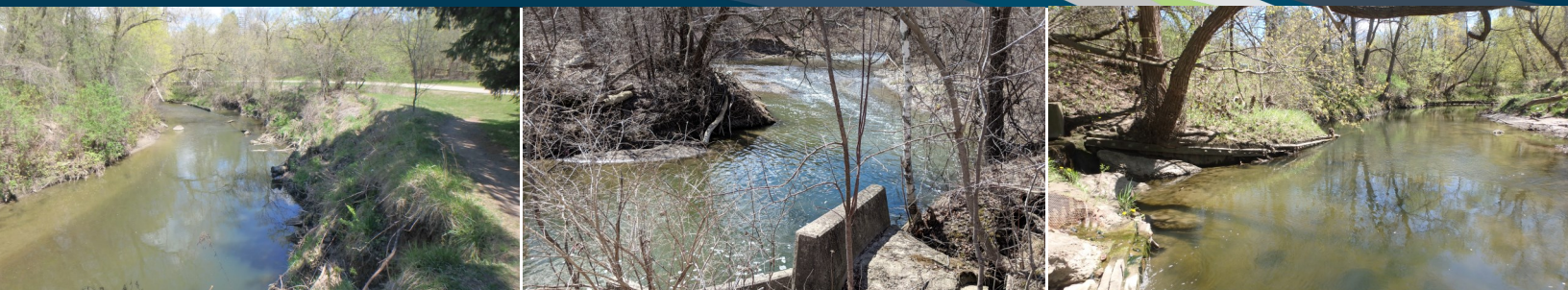
Municipality	Ward	Project Name	Portflo	2022 Project Status
City of Toronto	6	Canyon Avenue (35) Major Maintenance	Toronto Ravine Major Maintenance	Study Planning or Design
City of Toronto	14	Don River (DR90) Major Maintenance Project	Toronto Ravine Major Maintenance	Study Planning or Design
City of Toronto	14	Don Valley Drive and Hillside Drive Slope Stability Analysis and Erosion Risk Assessment	Toronto Ravine Major Maintenance	Study Planning or Design
City of Toronto	15	West Don River in E.T Seton Park (Area 2) Major Maintenance Project	Toronto Ravine Major Maintenance	Study Planning or Design
City of Toronto	3	Cliff Lumsdon Park Revetment Maintenance Project	Toronto Ravine Major Maintenance	Study Planning or Design
City of Toronto	15	West Don River in E.T Seton Park (Area 3) Major Maintenance Project	Toronto Ravine Major Maintenance	Construction
City of Toronto	15	Woodsworth Road (334) (DR70) Minor Maintenance	Toronto Ravine Major Maintenance	Construction
City of Toronto	19	Ashbridges Bay Park East Headlands Maintenance Project	Toronto Waterfront Major Maintenance	Study Planning or Design
City of Toronto	20	Bluffer's Park Southwest Headland and Beach Major Maintenance Project	Toronto Waterfront Major Maintenance	Study Planning or Design
City of Toronto	20	Coastal Anaysis & Geotechnical Investigation for Fallingbrook and Birch Cliff Shoreline	Toronto Waterfront Major Maintenance	Study Planning or Design
City of Toronto	3	Colonel Sam Smith Park Major Maintenance Project	Toronto Waterfront Major Maintenance	Study Planning or Design
City of Toronto	25	Port Union Phase I - Beach Curb Major Maintenance Project	Toronto Waterfront Major Maintenance	Construction
City of Toronto	3	Prince of Wales Park Major Maintenance	Toronto Waterfront Major Maintenance	Construction
City of Toronto	3	Long Branch Park Major Maintenance Project	Toronto Waterfront Major Maintenance	Post-Construction
City of Toronto	6	Eldorado Court Slope Stabilization Project	Valley Erosion Hazards (City of Toronto)	Study Planning or Design
City of Toronto	7	100, 102, & 104 Windhill Crescent Slope Stabilization Project	Valley Erosion Hazards (City of Toronto)	Study Planning or Design
City of Toronto	5	19 - 29 Ridge Point Crescent Slope Stabilization Project	Valley Erosion Hazards (City of Toronto)	Study Planning or Design
City of Toronto	1	22-24 Bucksburn Road Slope Stabilization and Erosion Control Project	Valley Erosion Hazards (City of Toronto)	Study Planning or Design
City of Toronto	24	255-257 Burbank Drive Slope Stabiliation Project	Valley Erosion Hazards (City of Toronto)	Study Planning or Design
City of Toronto	6	Black Creek Tributary behind Appletree Crt. and Seeley Dr. Erosion Control and Slope Stabilization Project - Phase 2	Valley Erosion Hazards (City of Toronto)	Study Planning or Design
City of Toronto	17	East Don River Tributary behind 73 - 95 Clarinda Drive Slope Stability Assessment	Valley Erosion Hazards (City of Toronto)	Study Planning or Design
City of Toronto	7	Engineering Erosion Project: Topcliff Ave (35-41)	Valley Erosion Hazards (City of Toronto)	Study Planning or Design
City of Toronto	1	Lakeland Drive Major Maintenance and Slope Stabilization Project	Valley Erosion Hazards (City of Toronto)	Study Planning or Design
City of Toronto	2	Mimico Creek behind 2 Kevi Lane and 194 Rathburn Road Slope Stabilization and Erosion Control Project	Valley Erosion Hazards (City of Toronto)	Study Planning or Design
City of Toronto	19	Parkview Hill Crescent Slope Stabilization Project	Valley Erosion Hazards (City of Toronto)	Study Planning or Design
City of Toronto	11	Yellow Creek below Summerhill Gardens	Valley Erosion Hazards (City of Toronto)	Study Planning or Design
City of Toronto	11	Yellow Creek near Heath Street East Erosion Control and Slope Stabilization Project	Valley Erosion Hazards (City of Toronto)	Study Planning or Design
City of Toronto	11	193 - 195 Hudson Drive Slope Stabilization Project	Valley Erosion Hazards (City of Toronto)	Construction
City of Toronto	1	114 Hadrian Drive - Minor Works	Valley Erosion Hazards (City of Toronto)	Post-Construction
City of Toronto	6	21-27 Peacham Crescent Slope Stabilization Project	Valley Erosion Hazards (City of Toronto)	Post-Construction
City of Toronto	7	25-29 Gravenhurst Avenue - Minor Maintenance Works	Valley Erosion Hazards (City of Toronto)	Post-Construction
City of Vaughan	2	Humber River Sanitary Infrastructure Protection Project (P-004 & P-005)	York Region SIECMP	Study Planning or Design
City of Markham	4	Lower Rouge Sanitary Infrastructure Protection Project - Milne Creek	York Region SIECMP	Study Planning or Design
City of Markham	1	German Mills Settlers Park Sanitary Infrastructure Protection Sites 2-3	York Region SIECMP	Construction
City of Vaughan	2	Rainbow Creek Construction Bridge Removal	York Region SIECMP	Construction
City of Richmond Hill	5	North Richvale Patterson Creek Sanitary Infrastructure Protection	York Region SIECMP	Post-Construction
City of Vaughan	1	Granger Greenway Erosion Control Maintenance Site HR72.1	TRCA Maintenance & Other Hazards (York Region)	Study Planning or Design
City of Vaughan	2	132 Riverside Drive Bank Stabilization Project	TRCA Maintenance & Other Hazards (York Region)	Study Planning or Design
City of Vaughan	2	Granger Greenway Erosion Control Maintenance Site EMS789	TRCA Maintenance & Other Hazards (York Region)	Construction
City of Markham	4	70 Main St. South Erosion Control Project	Private Property Erosion Hazard Mitigation Business Case (York Region)	Construction
City of Brampton	1	Bramlea Rd. & Queen St. East Bank Stabilization and Sanitary Infrastructure Protection (S7-ESA01) P-395	Region of Peel Erosion Control & Infrastructure Protection	Study Planning or Design
City of Brampton	1	Crawley Park (S7-ESA02) Bank Stabilization and Sanitary Infrastructure Protection (P-133 TO P-137)	Region of Peel Erosion Control & Infrastructure Protection	Study Planning or Design
City of Brampton	1	I-360 & I-361 Sanitary Infrastructure Protection Project	Region of Peel Erosion Control & Infrastructure Protection	Study Planning or Design
City of Brampton	1	Ken Whillans Greenway Sanitary Infrastructure Protection Project (I-566)	Region of Peel Erosion Control & Infrastructure Protection	Construction
City of Mississauga	5	Malton Greenway Sanitary Infrastructure Protection Project (I-700)	Region of Peel Erosion Control & Infrastructure Protection	Construction
City of Toronto	25	20 Deep Dene Drive Drainage Improvement Project	Fee-for-Service	Study Planning or Design
Town of Ajax	3	Ajax Shoreline Waterfront Assessment and Gap Analysis	Fee-for-Service	Study Planning or Design
City of Toronto	16	East Don River below Don Mills Road Bridge (Phase 1) Project	Fee-for-Service	Study Planning or Design
City of Toronto	3	Humber Bay Park West Major Maintenance Project	Fee-for-Service	Study Planning or Design
City of Toronto	15	Leslie Street Culvert Slope Stabilization Project	Fee-for-Service	Study Planning or Design
City of Toronto	3	Miles Road End Parkette Shoreline Erosion Protection Project	Fee-for-Service	Study Planning or Design
City of Toronto	25	Rouge Beach Shoreline Protection Project	Fee-for-Service	Study Planning or Design

Attachment 1: Table of Projects Being Planned Under the ERMP in 2022

Municipality	Ward	Project Name	Portflio	2022 Project Status
City of Toronto	14	Toronto Island Park Flood and Erosion Mitigation Project	Fee-for-Service	Study Planning or Design
City of Toronto	15	150 Kilgour Road Stormwater Outfall Remediation Project	Fee-for-Service	Study Planning or Design
City of Toronto	25	Emergecy Rouge Beach Shoreline Protection Project	Fee-for-Service	Construction
City of Toronto	11	Gaffney Park Erosion Control and Drainage Project	Fee-for-Service	Construction
City of Toronto	3	Humber Bay Park East Shoreline Maintenance Project	Fee-for-Service	Construction
City of Toronto	24	Newtonbrook Creek Bridge Replacement Project	Fee-for-Service	Construction
City of Toronto	4	Sunnyside Park Revetment Maintenance Project	Fee-for-Service	Construction
City of Toronto	25	University of Toronto Scarborough Campus Bank Stabilization (Area B)	Fee-for-Service	Construction
City of Toronto	15	Wilket Creek Park Retaining Wall Repair	Fee-for-Service	Construction
City of Toronto	20	Bluffer's Park South Headland and Beach Major Maintenance Project - Phase IV	Fee-for-Service	Construction
City of Toronto	11	Mud Creek Channel Restoration Project - Reach 3	Fee-for-Service	Post-Construction
City of Vaughan	1	McMichael Canadian Art Collection_ Erosion Gully EMS983	Fee-for-Service	Post-Construction



WEST DON RIVER IN E.T. SETON PARK (AREA 3) MAJOR MAINTENANCE PROJECT



PROJECT OVERVIEW

- This project has been planned as part of the **Toronto Ravine Major Maintenance** portfolio
- The West Don River in E.T. Seton (Area 3) Major Maintenance Project aims to mitigate erosion and flood risks to public and sanitary sewer infrastructure within a 330-metre long meander along the West Don River
- TRCA conducted a *Conservation Ontario Class Environmental Assessment for Remedial Flood and Erosion Control Projects* for three areas along the West Don River within E.T. Seton Park. Project Plan for this Class EA is expected to be approved in Spring 2022.
- Palmer Environmental Consulting Group Inc. was retained in early 2022 to prepare detailed designs for Area 3 based on the Preferred Concept from the Class EA: *Armourstone Rib Grade Control and Vegetated Boulder Bank Protection*
- Implementation at Area 3 is planned to commence in Fall 2022 with TRCA's internal construction crew (pending the receipt of all permits and approvals) and is expected to be completed by Spring 2023



PROJECT BENEFITS

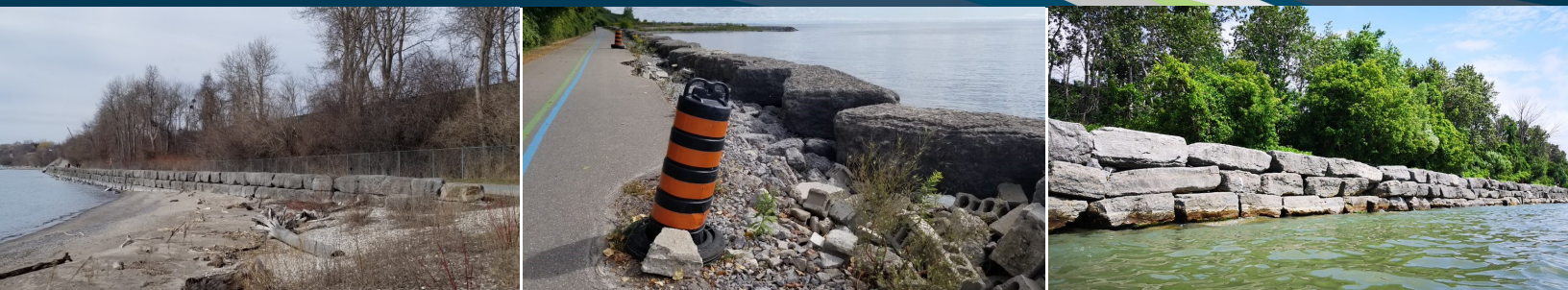
- Long-term monitoring indicates that existing erosion control structures within the project area are failing and placing the adjacent West Don Trail, parkland, a private stormwater outfall and sanitary sewer infrastructure at risk
- The project intends to provide long-term protection to the City of Toronto sanitary sewer infrastructure, address bank instability and protect public health and safety while enhancing the surrounding environment

DESCRIPTION OF PROPOSED WORKS

- Complete the ongoing Class EA with support from Palmer
- Prepare and finalize detailed designs for Area 3 as per the preferred concept: Armourstone Rib Grade Control and Vegetated Boulder Bank Protection
- Obtain all permits and approvals such that implementation can commence in Fall 2022

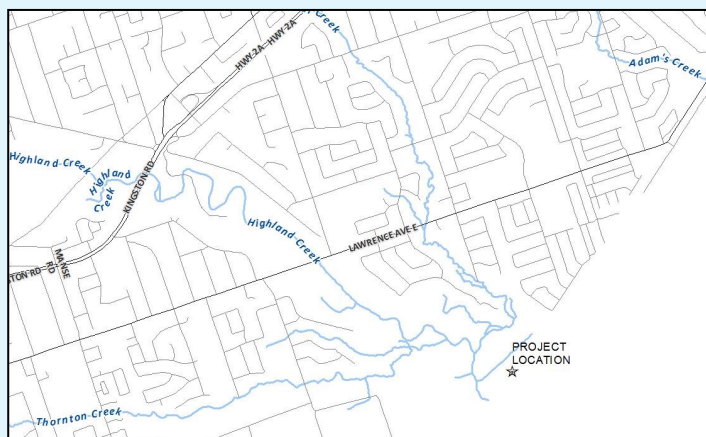
WORK DESCRIPTION	SCHEDULE
Planning and Design	January 2022-June 2022
Permitting and Approvals	January 2022-October 2022
Implementation	October 2022-April 2023

PORT UNION PHASE 1 BEACH CURB MAJOR MAINTENANCE PROJECT



PROJECT OVERVIEW

- This project has been planned as part of the **Waterfront Major Maintenance** portfolio with funding assistance from the **Disaster Mitigation and Adaptation Fund**
- Backshore erosion and stone displacement along the beach curb structure poses risks to the general public, Waterfront Trail and Metrolinx property
- TRCA completed repairs on the beach curb structure in 2017 to address displaced stones, sinkholes and repair to the top tier of armourstones
- Due to the high water events and wind events, the sand beach in front of the beach curb (WF28.01) has washed away, reducing the ability of the beach to dissipate the wave energy which is causing erosion on the backshore of the structure and along the trail
- TRCA retained WSP to complete a coastal analysis and detailed designs in 2021 to determine mitigation measures for future high water events
- Implementation of an armourstone revetment between April 2022 and December 2022 will protect the trail and will encourage waves to dissipate



PROJECT BENEFITS

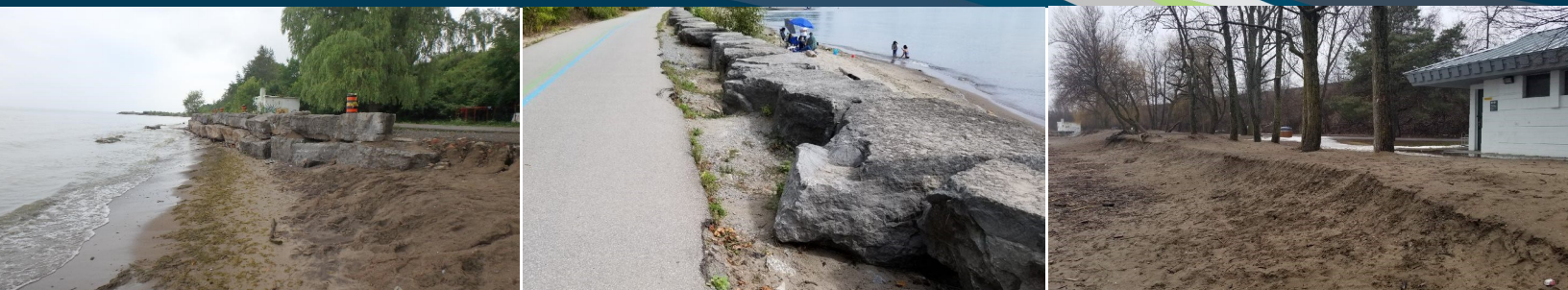
- Address backshore erosion hazards along the Waterfront Trail
- Improve public safety by protecting the Waterfront Trail and Metrolinx railway line
- Protection along the shoreline and structure to dissipate wave energy
- Enhancements to local aquatic habitat by installing submerged groynes and encouraging substrate variation

DESCRIPTION OF PROPOSED WORKS

- Secure all necessary permits and approvals to proceed with implementation
- Construction of armourstone revetment and submerged groynes in 2022 to repair the beach curb and provide continued protection to the Waterfront Trail
- Restore the site with trees and shrubs and repaving trail where damages have occurred, if required

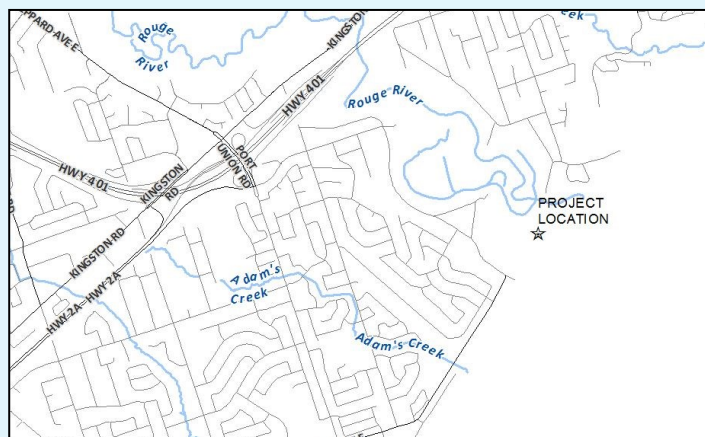
WORK DESCRIPTION	SCHEDULE
Planning and Design	December 2020-December 2021
Permitting and Approvals	September 2021-April 2022 April
Implementation	2022-December 2022

ROUGE BEACH SHORELINE ANALYSIS AND PROTECTION PROJECT



PROJECT OVERVIEW

- This is a cost-recoverable **Fee-for-Service** project with **Parks Canada** to support the Rouge National Urban Park
- Reports of erosion and flooding along the shoreline, trail and parking lot of Rouge Beach during the high water events in 2017 and 2019 and the wind event in 2018
- The sand beach in front of the beach curb (WF29.01) has washed away, reducing the ability of the beach to dissipate the wave energy. This has caused erosion on the backshore of the structure and along the trail
- Emergency repairs were completed in 2020 to fill voids and provide temporary protection
- TRCA will be soliciting proposals for a coastal engineer to design conceptual designs through 2022 based on the long-term goals of Parks Canada
- Preservation of the sand beach for continued recreational use is a key component of this project



PROJECT BENEFITS

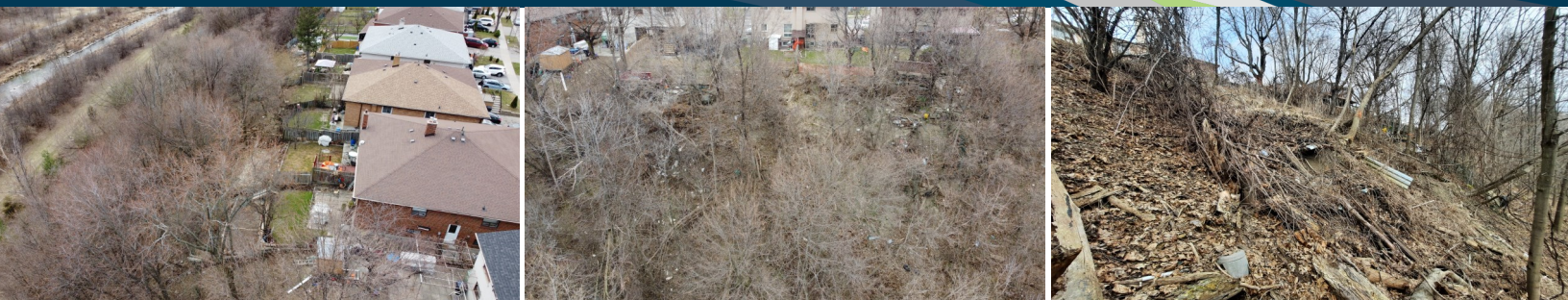
- Long term and low maintenance protection to reduce flooding and erosion along the beach and trail
- Promote sediment retention to maintain a sand beach for public recreational use
- Erosion protection for Parks Canada infrastructure and Metrolinx railway property
- Improve public safety within Rouge National Urban Park

DESCRIPTION OF PROPOSED WORKS

- Retain coastal engineer for design development and coastal analysis
- Develop basic and enhanced concept designs for protection
- Detailed designs developed through 2022
- Implementation to be scheduled in the next Phase of work

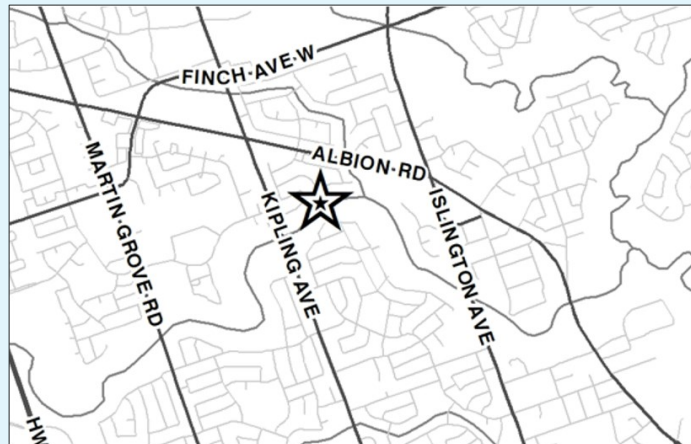
WORK DESCRIPTION	SCHEDULE
Planning and Design	September 2021-December 2022
Permitting and Approvals	August 2022-March 2023 TBD;
Implementation	2023+

LAKELAND DRIVE MAJOR MAINTENANCE AND SLOPE STABILIZATION PROJECT



PROJECT OVERVIEW

- This project has been planned as part of the **Valley Erosion Hazards** portfolio
- In 1973, a homeowner expressed the first documented concerns of slope instability in the area. From 1975-1976, TRCA obtained easements and implemented a major slope stabilization treatment behind 37-43 Lakeland Drive (earth fill)
- The results of a 2019 slope stability and erosion risk assessment indicate long term risk to the residential homes at 33, 35, & 37 Lakeland Drive
- From 2021—2022, Environmental Site Assessments were completed confirming no presence of contaminants in exceedance of Regulatory standards
- Proposed construction of a Reinforced Soil Slope (RSS) to provide long term, low maintenance protection to at-risk residential dwellings
- TRCA will be securing Erosion Control Agreements (ECA) with participating properties including conveyance of RSS to TRCA ownership



PROJECT BENEFITS

- Long term, low maintenance protection of five residential homes on Lakeland Drive which were confirmed as at-risk from slope instability
- Homeowners are contributing to this project in accordance with TRCA policies through conveyance of impacted lands
- TRCA to acquire and protect lands at-risk from erosion hazards through ownership of the Reinforced Soil Slope to foster resilient ravine systems

DESCRIPTION OF PROPOSED WORKS

- Finalization of detailed designs for the proposed Reinforced Soil Slope behind five private residential properties
- Preparation and execution of Erosion Control Agreements (ECAs) for participating properties
- Secure all required permits and approvals, including Permit to Injure or Remove Trees
- Secure contractor through competitive Request for Tender for tentative construction in fall and winter 2022

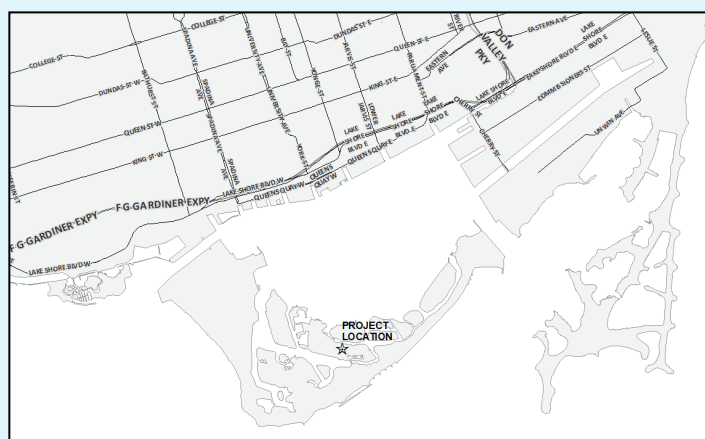
WORK DESCRIPTION	SCHEDULE
Planning and Design	March 2021-June 2022
Permitting and Approvals	January 2022-July 2022
Implementation	September 2022-January 2023

TORONTO ISLAND PARK FLOOD AND EROSION MITIGATION PROJECT



PROJECT OVERVIEW

- This project is being planned on a **Fee-for-Service** basis in partnership with the City of Toronto (Parks, Forestry & Recreation)
- Record high Lake Ontario water levels in 2017 and 2019 resulted in flooding across Toronto Island Park
- Despite the deployment of short-term mitigation measures, shoreline flooding led to millions in damages with significant impact to park visitors, businesses, and residents
- Following the high lake level events, emergency works were implemented in 2020 to maintain safe and essential operations until a solution for the full park can be developed
- TRCA has initiated a Class Environmental Assessment (EA) to develop flood protection initiatives in consultation with the public and other stakeholders
- The goal of the project is to develop long-term flood mitigation measures to protect the park from shoreline flooding



PROJECT BENEFITS

- Ensure continued use and access to an important natural and cultural feature of Toronto
- Mitigate safety risk to park users and protect critical park infrastructure
- Improve aquatic habitat through the incorporation of habitat enhancement features into shoreline designs
- Enhance park user experience through the integration of recreational features into flood protection structures in coordination with the Toronto Island Park Master Plan

DESCRIPTION OF PROPOSED WORKS

- Baseline data collection and background review to identify at-risk study areas for long-term flood protection
- Develop conceptual designs and select preferred alternatives in consultation with the public and other stakeholders through the Class EA engagement process
- Develop detailed designs and implement long-term solutions in phases based on site priority and funding

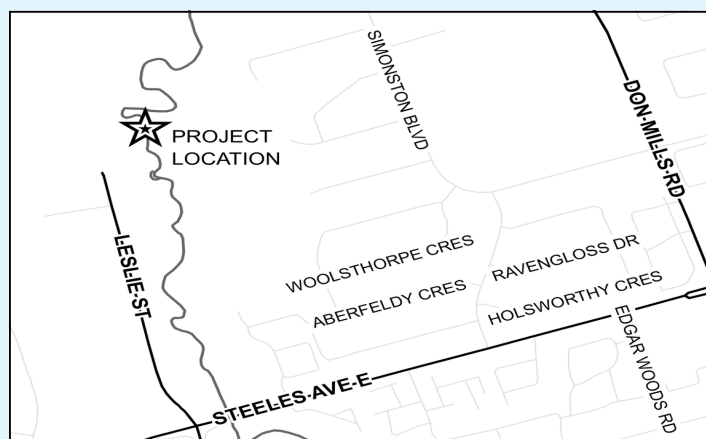
WORK DESCRIPTION	SCHEDULE
Class Environmental Assessment	Spring 2021-Fall 2022 Late
Environmental Study Report and Project Approval	Fall 2022
Detailed Design Development	Winter 2023-Summer 2023
Permits and Approvals	Summer 2023-Fall 2023
Implementation	2023 +

GERMAN MILLS SETTLERS PARK SANITARY INFRASTRUCTURE PROTECTION PROJECT



PROJECT OVERVIEW

- The project is being planned in coordination with York Region Environmental Services under the **Streambank Infrastructure Erosion Control Management Program (SIECMP)** and in partnership with the City of Markham
- Channel erosion has placed the Region's Leslie Collector sewer at risk of exposure in six locations along a 260 metre section of German Mills Creek in German Mills Settlers Park
- A Schedule B Municipal Class Environmental Assessment was completed in 2019 and determined the preferred alternative for a major channel realignment and pedestrian bridge extension
- The Lake to Lake multi-use trail and pedestrian bridge are also at risk from erosion within the project area. The City of Markham is partnering with TRCA and York Region to replace the pedestrian bridge and protect the trail through this initiative



PROJECT BENEFITS

- Protect the Leslie Collector Sewer from exposure and secure long-term sewer maintenance access
- Protect and enhance Lake to Lake Trail infrastructure
- Mitigate safety risks to the general public
- Enhance aquatic habitat through the creation of two new online wetlands and terrestrial habitat through native riparian plantings

DESCRIPTION OF PROPOSED WORKS

- Finalize permits & approvals, including a Fisheries Act Authorization from the Department of Fisheries and Oceans Canada
- Implementation of a 300 metre major channel realignment, including sewer protection works, pedestrian bridge extension, and partial trail realignment
- Aquatic and terrestrial restoration, including the installation of woody debris fish habitat, wetland connections, bat boxes, more than 11,500 native shrub cuttings along the riverbanks, and more than 2,250 native trees and shrubs.
- Post-construction regulatory approval monitoring

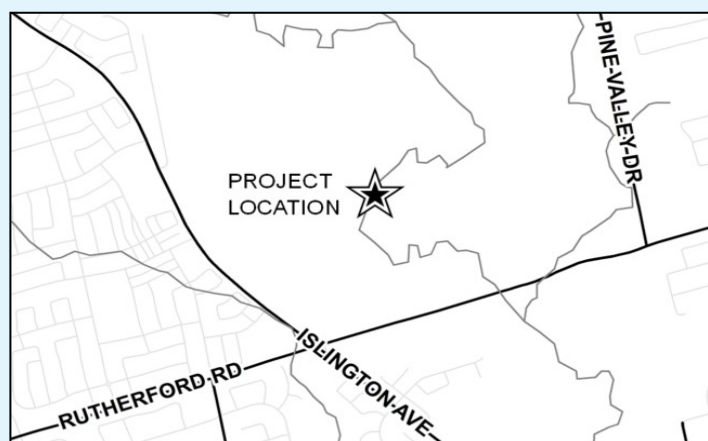
WORK DESCRIPTION	SCHEDULE
Planning and Design	January 2018-July 2021
Permitting and Approvals	September 2020-May 2022
Implementation	September 2022-March 2023

EAST HUMBER (EMS789) BANK STABILIZATION PROJECT



PROJECT OVERVIEW

- An erosion hazard threatening a pedestrian bridge and trail is currently being monitored under the **TRCA Maintenance & Other Hazards (York Region)** portfolio
- The at-risk trail and bridge abutment is a part of the William Granger Greenway trail system located within the City of Vaughan
- Construction of bank stabilization works along the east bank of the watercourse have been deemed necessary given the potential risk to public safety



PROJECT BENEFITS

- Addressing erosion hazard on heavily used recreational trail
- Mitigation of any potential safety risk to the general public
- Provide protection to publicly owned assets
- Enhancement of the surrounding riparian and aquatic habitat through the installation of native shrub plantings

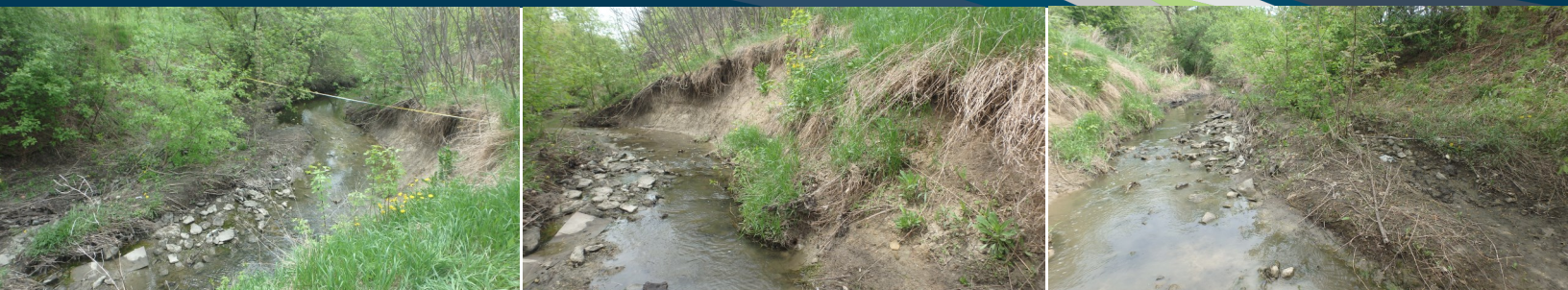
DESCRIPTION OF PROPOSED WORKS

- Finalize detailed designs for remedial bank stabilization measures that include a vegetated rip rap revetment
- Obtain all permits and approvals to proceed with construction
- Implementation of bank stabilization measures to mitigate risk and provide protection to the William Granger Greenway pedestrian bridge and trail

WORK DESCRIPTION	SCHEDULE
Planning and Design	June 2021-April 2022
Permitting and Approvals	November 2021-May 2022
Implementation	Summer 2022

MALTON GREENWAY PROJECT

SANITARY INFRASTRUCTURE PROTECTION



PROJECT OVERVIEW

- This Project has been planned as part of the **Peel Capital and Special Projects** portfolio
- The site is located within the Malton Greenway in the City of Mississauga intersecting the East Mimico Creek
- TRCA Erosion Hazard Monitoring staff have been inspecting the site since 2018 as part of the Peel Infrastructure Hazard Monitoring Program
- As a result of the 16m bank scour and undercutting along the west bank, the encasement of the sanitary main is exposed in the area of crossing
- The site was identified as critical priority in 2020 due to the exposed condition of the sanitary main encasement
- TRCA retained engineering services to undertake a geomorphic, geotechnical and hydraulic investigation, including subsequent detailed design development
- The project will be implemented under a schedule A+ of the Municipal Class Environmental Assessment.



PROJECT BENEFITS

- Protect the Monica Drive sanitary sewer crossing from exposure and secure long-term sewer protection
- Improve bank stabilization and create erosion control structures to protect the west slope
- Mitigate safety risks to the Public and Regional sanitary infrastructure
- Enhancement of the surrounding riparian and aquatic habitat through the installation of channel riffles and vegetated revetment

DESCRIPTION OF PROPOSED WORKS

- Planning and Detailed Design Development were completed in early 2022, the Project Team is undergoing permitting and approvals for Implementation in Summer 2022
- The Implementation works involves construction of stone riffle grade control above the sanitary sewer crossing and slope stabilization along the west bank through the construction of a vegetated geogrid reinforced soil slope

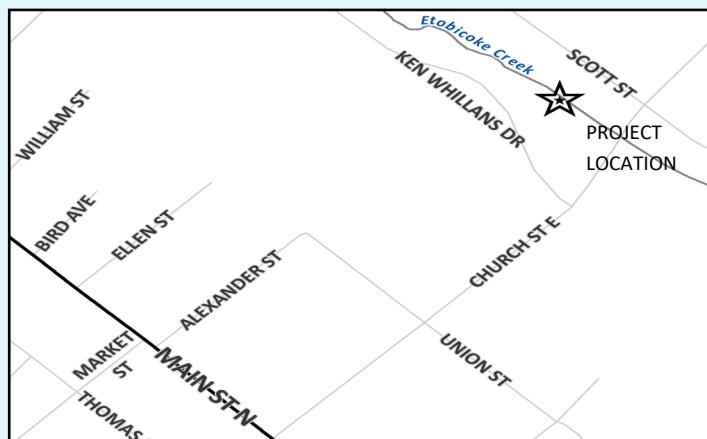
WORK DESCRIPTION	SCHEDULE
Planning and Design	January 2021-February 2022
Permitting and Approvals	November 2021-April 2022
Implementation	May 2022-August 2022

KEN WHILLANS DRIVE PARK PROJECT SANITARY INFRASTRUCTURE PROTECTION



PROJECT OVERVIEW

- This Project has been planned as part of the **Peel Capital and Special Projects** portfolio
- The site is located within Ken Whillans Park in the City of Brampton, intersecting the West Etobicoke Creek
- TRCA Erosion Hazard Monitoring staff have been inspecting the site since 2016 as part of the Peel Infrastructure Hazard Monitoring Program
- The exposed encasement measured approximately 6m long with minor spalling noted along the upstream and downstream limits of the encasement
- TRCA retained engineering services to undertake a geomorphic, geotechnical and hydraulic investigation, including subsequent detailed design development
- Following discussions with the design Consultant the Project Scope of Work was revised to localize interim infrastructure protection due to the proposed Riverwalk EA Project in the site area
- The project will be implemented under a schedule A+ of the Municipal Class Environmental Assessment.



PROJECT BENEFITS

- Protect the Ken Whillans Drive sanitary sewer crossing from exposure to secure interim-term sewer protection
- Mitigate safety risks to the Public and Regional sanitary infrastructure
- Enhance surrounding riparian and aquatic habitat through channel and bank protection works

DESCRIPTION OF PROPOSED WORKS

- Planning and Detailed Design Development are underway with Final Designs expected in July 2022, the Project Team is further undergoing permitting and approvals for Implementation in Fall 2022
- Concept Design Development and subsequent Detailed Designs are in progress at the engineering Consultant, implementation is expected to include interim channel works to protect the sanitary crossing and minor bank works

WORK DESCRIPTION	SCHEDULE
Planning and Design	January 2019-June 2022
Permitting and Approvals	January 2022-July 2022
Implementation	July 2022-October 2022

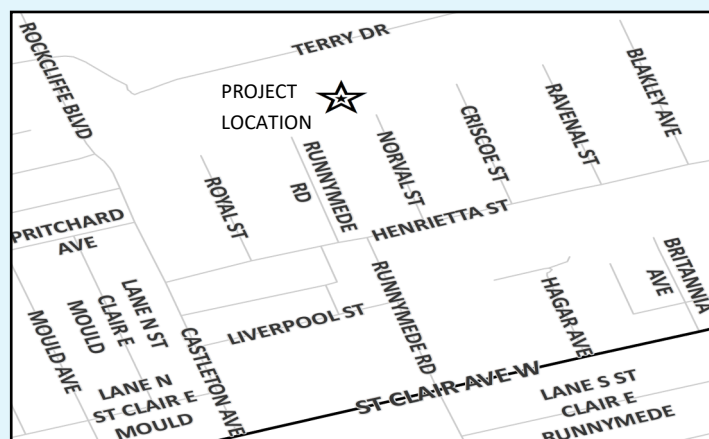
GAFFNEY PARK PROJECT

EROSION CONTROL AND DRAINAGE



PROJECT OVERVIEW

- This is a **Fee-for-Service** project funded by City of Toronto's Parks, Forestry, and Recreation Division
- The site is located within Gaffney Park in the City of Toronto, encompassing the trail section between Castleton Avenue and Ravenal Street, at the rear of the residential properties between 13 and 59 Terry Drive
- Following completion of the slope stabilization work by TRCA and other park improvement works by the City at the eastern limit of the park, erosion concerns were raised by the resident at 49 Terry Drive
- In Phase 1 Letter Agreement (LA) with the City, TRCA retained engineering services to undertake a geotechnical investigation and prepare design concepts for an erosion and drainage solution
- As part of Phase 2, TRCA retained engineering services to develop the detailed design and provide stormwater management analysis of the preferred solution
- In Spring 2022, the Project Team underwent the Request for Tender process to retaining construction services, to be conducted as Phase 3 LA with the City



PROJECT BENEFITS

- Erosion Control slope protection to the bottom slope residential properties at Terry Drive
- Stormwater and Drainage improvements to the Gaffney Park and surrounding tableland
- Improved public safety with reduced risk of failure to the pedestrian trail and adjacent slopes
- Enhancement of Gaffney Park with the installation of armourstone retaining walls, fencing and re-paving of the pedestrian trail

DESCRIPTION OF PROPOSED WORKS

- The Project Team is undergoing final permitting and awaiting Board approval to execute the Construction Tender, following final approvals TRCA with proceed with the Phase 3 LA Implementation in Fall 2022
- The works involve the installation of a drainage trench with a perforated pipe, re-grading of existing swales and potentially creating new swales, including re-aligned and cross-slope re-graded of the existing pedestrian trail

WORK DESCRIPTION	SCHEDULE
Planning and Design (Phase 1 & 2)	July 2019-January 2022
Permitting and Approvals (Phase 2)	October 2021-June 2022
Implementation (Phase 3)	June 2022-December 2022

CITY-WIDE WATERCOURSE EROSION REASSESSMENT STUDY



PROGRAM OVERVIEW

In 2022, Erosion Risk Management staff will reinspect 425 priority erosion hazard sites and structures that were previously assessed in the City of Brampton in support of the City-wide Watercourse Erosion Assessment Study. ERM staff will then utilize information gathered from the reinspection to prepare a technical memorandum that will summarize the results, comment on any change in priorities from a previous report that was prepared in 2018 and provide recommendations for consideration in 2022 and beyond.



PROGRAM BENEFITS

- Reinspect the following amount of high, medium, and low priority erosion hazard sites and structures that were previously assessed as part of the City-wide Watercourse Erosion Assessment Study:
 - 12 erosion hazard sites
 - 91 high priority sites
 - 67 medium priority sites
 - 255 low priority sites
- Immediately report any imminent/urgent threats to municipal infrastructure or public safety to the City for follow-up

DESCRIPTION OF WORK

- Inspections performed by trained Field Assistants that utilize tablets to enter information directly into an internet accessible database
- Imminent or urgent hazards to City of Brampton infrastructure are immediately flagged to identified staff
- A technical memorandum is submitted to the City at year-end

WORK DESCRIPTION	SCHEDULE
Monitoring fieldwork	April 2022-September 2022
Quality control of records and memo preparation	September 2022-December 2022

UNIVERSITY OF TORONTO SCARBOROUGH CAMPUS (AREA B) BANK STABILIZATION PROJECT



PROJECT OVERVIEW

- This is a **Fee-for-Service** project funded by the City of Toronto's Parks, Forestry and Recreation Division
- TRCA has been undertaking remedial works along Highland Creek between Morningside Avenue and Old Kingston Road since the late 1980s
- In 2013, the City of Toronto identified two erosion hazard sites along the University of Toronto Scarborough Campus (UTSC) property, including Area B, which is the site of a former pedestrian bridge crossing
- To address public safety concerns caused by the eroding bank, TRCA completed a realignment project in 2015 by constructing a raised trail at this site
- TRCA is now undertaking bank stabilization works to provide long term protection to the realigned trail



PROJECT BENEFITS

- Address public safety concerns related to erosion and provide long-term protection to the realigned raised trail along this section of Highland Creek
- Repair of the existing trail and outfalls within the work area
- Stabilization of the existing banks with installation of an armourstone wall and rip rap buttress along the outer bend of this section of Highland Creek

DESCRIPTION OF PROPOSED WORKS

- Planning, designs and permitting phases undertaken in 2021
- Construction began in late 2021 and is anticipated to be completed in Summer 2022
- The project includes the installation of vegetated buttress and armourstone wall treatments

WORK DESCRIPTION	SCHEDULE
Planning and Design	February 2021-September 2021
Permitting and Approvals	March 2021-October 2021
Implementation	September 2021-Summer 2022

CORPORATE POLICY & PROCEDURE

POLICY TITLE: PRIVATE LANDOWNER CONTRIBUTION FOR EROSION CONTROL WORKS
POLICY NO.: DSP-7.01-P

Chapter:	4. Division-Specific Policies		
Section:	DSP-7 Restoration and Infrastructure		
Effective Date:	May 24, 2022	Last Review Date:	April 12, 2022
Approval Authority:	Chief Executive Officer		
Issued to:	All TRCA Employees		
Policy Owner:	Erosion Risk Management		

1. PURPOSE

- 1.01. The purpose of this Policy is to ensure all erosion control and slope stabilization works funded through Toronto and Region Conservation Authority's (TRCA) Erosion Risk Management Program (ERMP) for the benefit of private landowners are implemented in a consistent and transparent manner based on confirmed risk to essential structures, such as homes and infrastructure. The ERMP offers assistance to the most seriously impacted private properties in TRCA's jurisdiction. Private landowners benefiting from publicly funded erosion control and slope stabilization works must contribute to the project in accordance with the terms of this Policy.
- 1.02. TRCA manages risks associated with the hazards of flooding, erosion, and slope instability through the delivery of a range of programs and services, including the ERMP. The ERMP is a long-standing program used to identify, monitor, and remediate erosion and instability-prone areas in TRCA's jurisdiction based on relative risk to essential structures, such as homes or infrastructure.
- 1.03. The ERMP directly supports TRCA's mission statement to protect, conserve, and restore natural resources and develop resilient communities through education, the application of science, community engagement, service excellence, and collaboration with our partners. The ERMP supports TRCA's municipal partners by mitigating past development decisions with cost-effective solutions that contribute to the expansion of public land base.
- 1.04. Erosion and slope instability issues transcend property boundaries and rarely impact one property in isolation. These issues are complex and often require solutions which are beyond the ability of individual private landowners to address. The ERMP is an established program whereby TRCA is able to coordinate turnkey solutions that address risk affecting multiple properties efficiently through one project.

Policy Title: PRIVATE LANDOWNER CONTRIBUTION FOR EROSION CONTROL WORKS
Policy No.: DSP-7.01-P

- 1.05. This program is funded annually by TRCA's partners at the City of Toronto, and Peel, York and Durham Regions, and on a project-by-project basis from Provincial and Federal Governments.

2. SCOPE

- 2.01. This Policy applies to TRCA employees who are responsible for implementing erosion control and slope stabilization projects through the ERMP.
- 2.02. This Policy applies to erosion control and slope stabilization works funded through the ERMP which meet the following criteria:
- (a) Works are located on privately owned property and for the express purpose of protecting privately owned assets;
 - (b) Works are located in an area subject to regulation under the Conservation Authorities Act;
 - (c) Works are located in a municipality or region where funding has been approved for erosion control & slope stabilization projects for the benefit of private properties;
 - (d) Where the site ranks highly enough for work relative to other sites awaiting assistance through the ERMP; and
 - (e) The work meets all other requirements outlined in this policy.
- 2.03. This Policy does not apply to works on publicly owned lands (e.g. erosion control and slope stabilization works which are entirely confined to TRCA owned lands).
- 2.04. This Policy does not apply to works involving Non-Benefiting Landowners (e.g. temporary construction access across private property or transition work at the end of a structure for the benefit of another neighbouring property).

3. POLICY

Program Objectives

- 3.01. Support for private landowners is conditional and solely dependent on funding received from TRCA's municipal partners (e.g. funding provided by the City of Toronto must be used to protect assets in the City of Toronto). The majority of funding is applied toward the maintenance of existing erosion control structures along TRCA's rivers and valleys that protect public greenspace, park amenities and municipal infrastructure; however this program is extended to the protection of private property where homes and other essential infrastructure have been confirmed as at-risk by erosion or slope instability as funding and priorities permit.
- 3.02. The preservation of tableland (e.g. backyards/terraces/gardens etc.) is not an objective of the ERMP. Replacement of lost tableland will not be a project consideration.
- 3.03. Facilitating future development on private property is not an objective of the ERMP. The remediation of erosion and instability-prone areas funded through the ERMP shall not be used to facilitate new development on or near a valley slope or watercourse.

Policy Title: PRIVATE LANDOWNER CONTRIBUTION FOR EROSION CONTROL WORKS
Policy No.: DSP-7.01-P

- 3.04. Slope stabilization and erosion control solutions which mimic the natural environment are given preference over vertical or 'hard' alternatives (i.e. regrading a slope to a stable inclination is always preferred vs. the construction of a vertical retaining wall). The ERMP aims to implement cost-effective, low maintenance solutions wherever possible. Vertical solutions (e.g. retaining walls) will only be considered where regrading or other similar solutions are not viable.
- 3.05. Lands acquired under the ERMP must comply with the *CS-5.16-P Contaminated Sites Policy*.

Program Eligibility and Requirements for Assistance

- 3.06. TRCA is under no obligation to carry out erosion control and slope stabilization works to protect private properties. Offers of assistance through the ERMP are offered on a limited and conditional basis. Although TRCA is not compelled legally to assist private landowners with erosion control works on private property, TRCA offers this assistance on a voluntary basis recognizing that TRCA has considerable experience in erosion hazard management.
- 3.07. Properties with encroachments on lands owned by TRCA or its municipal partners, or known violations issued by TRCA or its municipal partners will not be eligible for assistance through the ERMP. If violations are resolved at the sole expense of the private landowner, TRCA may consider the property eligible for assistance through the ERMP if all other requirements are met.
- 3.08. Works are implemented on a priority basis to the limit of available funding each year. Sites are prioritized for assistance based on risk to essential structures such as homes and infrastructure. Risk and priority rankings through the ERMP are quantified based on an assessment of three components:
- (a) Hazard assessment – The likelihood of erosion or slope failure based on the physical characteristics of the site (e.g. soil composition, geomorphologic features);
 - (b) Exposure assessment – The proximity of essential structures to the erosion hazard;
 - (c) Consequence of failure – A measure of the cost of repair or replacement of the infrastructure, the public health and safety cost of infrastructure failure, and/or the inherent social value of the infrastructure itself.
- 3.09. Private landowners awaiting assistance through the ERMP are prioritized based on a consistent, transparent, and defensible quantitative scoring methodology. This methodology involves a weighted scoring of site features based on engineering and other technical study results (e.g. geotechnical investigations, geomorphic or coastal analyses etc.).
- 3.10. The ERMP is dynamic and priority rankings may change at any time (e.g. upon the completion of new technical studies, new erosion hazard sites identified to TRCA, following severe storm events, or changes in program funding). Generalized priority rankings and timelines may be provided to landowners as a general reference only. TRCA accepts no liability whatsoever, now or in the future, related changes to priority rankings and timelines for implementation.

Policy Title: PRIVATE LANDOWNER CONTRIBUTION FOR EROSION CONTROL WORKS
Policy No.: DSP-7.01-P

- 3.11. Where staff has identified that erosion control and slope stabilization works be carried out to benefit private property, proceeding with work is contingent on sufficient participation from critical properties in the proposed work area. There are added technical complexities and project costs for design and construction to isolate around individual properties and lot lines. Where TRCA is unable to secure signed agreements to proceed with one continuous solution across the impacted properties, work through the ERMP may be postponed indefinitely or cancelled.
- 3.12. Private landowners benefiting from publicly funded erosion control and slope stabilization works must contribute to the project. The default method of contribution for all projects is conveyance of lands where major structural works are constructed. The contribution method is non-negotiable and shall be determined at the sole discretion of TRCA. Land conveyance is the default method of contribution to achieve the following program objectives:
- (a) Ownership of the entire structure by one owner (TRCA) for future monitoring and maintenance through the ERMP;
 - (b) To limit future development of lands where erosion and slope instability hazards have been remediated through the ERMP; and
 - (c) To foster the expansion of public lands where erosion and slope instability hazards have been identified through the ERMP.
- 3.13. Where staff has recommended that erosion control and slope stabilization works be carried out to benefit private property, the Benefiting Landowners are subject to the execution of a binding Design Contribution Agreement and Erosion Control Agreement before work begins.
- 3.14. The Design Contribution Agreement requires, amongst other conditions, that Benefiting Landowners consent to the following requirements:
- (a) To provide a refundable design contribution deposit of \$2,000.00. A monetary contribution ensures that TRCA is compensated in part for the costs associated with design development should the landowners choose to withdraw from the project;
 - (b) If a landowner participates in the project, the cheque will be returned upon execution of the Erosion Control Agreement; and
 - (c) If a landowner withdraws from the project, the cheque will be retained and deposited by TRCA.
- 3.15. The Erosion Control Agreement requires, amongst other conditions, that Benefiting Landowners consent to the following requirements:
- (a) To contribute to the project through the conveyance of land or financial contribution or landowner reimbursement, as decided by TRCA, where permanent works are constructed;
 - (b) A permanent easement over the access routes where TRCA does not require title to the lands to allow access for future monitoring and maintenance of the structure, unless monitoring requirements can be addressed through an access agreement or through the restrictive covenant, and the permanent easement or access agreement shall clearly state that TRCA has no obligation to carry out any maintenance or future remediation works; and

Policy Title: PRIVATE LANDOWNER CONTRIBUTION FOR EROSION CONTROL WORKS
Policy No.: DSP-7.01-P

- (c) A restrictive covenant registered on title to protect the structural integrity of the works depending on type and extent of works required. Restrictive covenant verbiage shall be determined by the design engineering consultant (e.g. limitations on excavation or loading on or near the structure).
- 3.16. The location and dimensions of the permanent easement, or access agreement, will be informed by future monitoring and maintenance considerations (e.g. the size and type of heavy equipment that may need access when the structure requires maintenance or replacement and the possibility that funding is available in the future for such maintenance or replacement).
- 3.17. Landowners are required to review the Erosion Control Agreement with their own legal counsel prior to signature. TRCA will reimburse landowners' reasonable legal review expenses up to a maximum of \$1,500.00 (excl. HST) for this process, upon submission of paid invoices and receipts to staff.
- 3.18. Prior to the commencement of works on site, staff must ensure the following conditions have been met:
 - (a) Design Contribution Agreement(s) must be executed;
 - (b) Erosion Control Agreement(s) must be executed;
 - (c) All necessary land conveyances have been finalized; and
 - (d) Permanent easement(s) and any restrictive covenants have been registered on title.
- 3.19. Where the Benefiting Landowners do not adhere to the terms outlined in this Policy and the Erosion Control Agreement, non-compliant landowners will be responsible for 100% of the cost of the works and/or repairs.
- 3.20. The Benefiting Landowners may make representation to the Board of Directors, Executive Committee, or any advisory board with regard to any aspect of the ERMP in accordance with procedures adopted by Authority Resolution #18/80 and Resolution #A141/18. Detailed delegation procedures are outlined under Section C.13 of the Board of Directors Administrative By-Law (CG-1.01-P).
- 3.21. TRCA accepts no liability whatsoever, now or in the future, related to being unable to proceed with work to protect private properties. In the event of future failure or worsening of any erosion situation affecting private lands, assistance with any stabilization works through ERMP cannot be guaranteed.
- 3.22. Where sites do not rank high enough for works through the ERMP:
 - (a) Private landowners may request for their property to be visually monitored on an annual basis through the ERMP to track visible changes on site;
 - (b) Private landowners are able to apply for a permit to complete their own works on their property through regulation under the Conservation Authorities Act. Approval of such applications will be subject to review by TRCA Development Planning and Permits staff and there is no guarantee that a permit will be issued. It is the responsibility of the private landowner to satisfy all necessary planning and permitting requirements prior to completing their own works.

Policy Title: PRIVATE LANDOWNER CONTRIBUTION FOR EROSION CONTROL WORKS
Policy No.: DSP-7.01-P

Alternative Contribution Scenarios: Financial Contribution or Landowner Reimbursement

- 3.23. It is recognized that situations exist where land conveyance is not achievable or desirable for TRCA (e.g. the adjacent lands are privately owned and conveyance would result in an inaccessible land parcel). Therefore, this Policy also provides for alternative contribution scenarios in lieu of land conveyance. These alternative contribution scenarios are offered for atypical projects at TRCA's sole discretion with approval of the Associate Director, Erosion Risk Management:
- (a) Financial contribution towards the cost of the work in accordance with the Landowner Contribution Schedule herein;
 - (b) Landowner reimbursement for the cost of the work in accordance with the Landowner Contribution Schedule herein. Landowners would retain their own contractor to repair the erosion control and/or slope stabilization issues on their private property in accordance with this Policy.

Schedule A. Landowner Contribution Schedule

Property Type	Landowner Contribution	Example Scenario where total value of the work is \$1,000,000 incl. HST.
Single Residential Property	40% of the total value of the work (incl. HST)	Benefitting Landowner must contribute \$400,000
Two (2) or more Residential Properties	50% of the total value of the work (incl. HST) divided equally between all Benefitting Landowners	Five (5) Benefitting Landowners participating. Each landowner must contribute \$100,000 each, calculated as the \$500,000 Landowner Contribution divided equally between Benefitting Landowners
All Commercial, Institutional, or Industrial Properties (single or multiple)	60% of the total value of the work (incl. HST) divided equally between all Benefitting Landowners	Benefitting Landowner must contribute \$600,000. Where more than one property, Landowner Contribution divided equally between Benefitting Landowners

- 3.24. The value of works is determined via an estimate prepared by TRCA Construction Services staff or a third party estimator. The value of works includes all costs associated with planning and implementing the project (e.g. staff time for project management, securing all necessary permits and approvals, contract administration, construction, and project closeout).
- 3.25. Where Benefitting Landowners do not convey lands to TRCA, the Benefitting Landowners maintain ownership of the structure and assume all responsibility for future monitoring and maintenance of the structure.

Policy Title: PRIVATE LANDOWNER CONTRIBUTION FOR EROSION CONTROL WORKS
Policy No.: DSP-7.01-P

- 3.26. In the case of financial contribution or landowner reimbursement, TRCA will require a binding Erosion Control Agreement signed by the Benefiting Landowners prior to construction which may be registered on title.
- 3.27. Where financial contribution is determined to be the preferred contribution method for the works, Benefiting Landowners must consent to the following requirements:
- (a) Landowner contributions are calculated including harmonized sales tax (HST). Where TRCA is eligible for an HST rebate on a project by project basis, landowner contributions will be calculated using a lower HST rebate percentage;
 - (b) To execute a Design Contribution Agreement and provide a non-refundable deposit of 25% of the total landowner contribution to fund development of detailed designs. Benefiting Landowners will be required to pay the remaining 75% of the total landowner contribution prior to implementation.
- 3.28. Where financial contribution is determined to be the preferred contribution method for the works, and where the project involves multiple Benefiting Landowners, landowners must contribute equally to the cost of the works in accordance with the Landowner Contribution Schedule. (e.g. A project involves 5 Benefiting Landowners and the total cost of the work is \$1,000,000 incl. HST. The landowner contribution rate for two or more private residential properties is 50% of the total value of the works. Benefitting landowners must contribute \$100,000 each, calculated as the \$500,000 Landowner Contribution divided equally between the 5 Benefiting Landowners). Landowner contribution schedules have been structured to favour multi-property projects and cooperation amongst stakeholders.
- 3.29. Where landowner reimbursement is determined to be the preferred contribution method for the works:
- (a) Benefiting Landowners would retain their own contractor to repair the erosion control and/or slope stabilization issues on their private property in accordance with this Policy. TRCA would reimburse Benefiting Landowners in accordance with the applicable Landowner Contribution Schedule;
 - (b) The eligible reimbursement amount shall be determined based on the estimated value of the work, minus the landowner's financial contribution in accordance with the applicable Landowner Contribution Schedule;
 - (c) Benefiting Landowners would be subject to a review and verification process by staff to ensure the works meet all objectives of the ERMP. Requirements would be made available to landowners once this contribution method was selected.
 - (d) Works determined by staff to be outside of the scope of the ERMP shall not be eligible for reimbursement (e.g. repairs to a driveway damaged during construction or landscaping improvements).
 - (e) Landowners shall be responsible for any and all expenses above the agreed-upon eligible reimbursement amount included in the Erosion Control Agreement (e.g. change orders, delays, revisions, unforeseen damages of any kind).

Policy Title: PRIVATE LANDOWNER CONTRIBUTION FOR EROSION CONTROL WORKS
Policy No.: DSP-7.01-P

RESPONSIBILITY

- 3.30. On advice of the Chief Executive Officer, TRCA may accept, revise or rescind this Policy.
- 3.31. The Associate Director, Erosion Risk Management is responsible for:
- (a) Approval of the general erosion control works before initiation of a project by staff;
 - (b) Approval of major scope changes which deviate from previously approved scope of work;
 - (c) Approving the selected contribution method in accordance with this Policy, including authorizing all financial contribution or landowner contribution scenarios.
- 3.32. Erosion Risk Management staff are responsible for:
- (a) Correspondence with private landowners throughout the project;
 - (b) Negotiating the Design Contribution and Erosion Control Agreements with private landowners;
 - (c) Ensuring all necessary land conveyances, permanent easements, restrictive covenants, or financial contributions are finalized prior to work in accordance with this Policy.
- 3.33. TRCA Property, Assets and Risk Management staff are responsible for:
- (a) Drafting, review, and approval of Design Contribution and Erosion Control Agreements in accordance with this Policy;
 - (b) Providing support for Erosion Risk Management Staff to secure executed Design Contribution and Erosion Control Agreements.
 - (c) Preparing and submission of the board report for land conveyance approval by the Executive Committee and Board of Directors.
- 3.34. TRCA Legal Counsel
- (a) Review, and approval of Design Contribution and Erosion Control Agreements in accordance with this Policy, and drafting of any Restrictive Covenant or Permanent Easement.

4. DEFINITIONS

- 4.01. "**Benefiting Landowner**" means a private landowner who is directly benefiting from erosion control and slope stabilization work through the ERMP. A landowner is defined as benefiting when works are completed through the ERMP for the express purpose of protecting their privately owned asset (i.e. homes and other essential infrastructure).
- 4.02. "**Conveyance**" means the legal process of transferring property from one owner to another.
- 4.03. "**Easement**" means the right to cross or otherwise use someone else's land for a specified purpose.
- 4.04. "**Encroachment**" means an interference with or intrusion onto another's property, including physical structures such as decks, pools, sheds, and retaining walls, as well

Policy Title: PRIVATE LANDOWNER CONTRIBUTION FOR EROSION CONTROL WORKS
Policy No.: DSP-7.01-P

as non-structural such as storage of materials, gardens and grass cutting of an area greater than one meter onto TRCA lands.

- 4.05. **“Erosion”** means erosion is the wearing away of the bed and/or banks of a shoreline, stream, or river. Slope erosion is the movement of soil from wind or water from the face of the slope.
- 4.06. **“Erosion Control Agreement”** means a binding Agreement between two or more parties regarding erosion control and slope stabilization works and services.
- 4.07. **“Essential Structures”** means active habitable residential/commercial/industrial structures such as homes or businesses, and supporting infrastructure. This definition includes buried infrastructure and utilities. Sheds, fences, swimming pools, decks, and backyard tableland are not considered essential structures in the ERMP.
- 4.08. **“Financial Contribution”** means a monetary payment for the Works provided.
- 4.09. **“Flooding”** means an overflow or inundation of water that comes from a river or other body of water and causes or threatens damage. It occurs as the results of relatively high flow overtopping the banks of a river, stream, or larger body of water including elevated lake water levels.
- 4.10. **“Non-Benefiting Landowner”** means a landowner who owns private property which may be impacted by works in support of other directly Benefiting Landowners (e.g. temporary construction access across private property or transition work at the end of a structure for the benefit of another neighbouring property).
- 4.11. **“Reimbursement”** means monetary payment by TRCA to a Benefiting Landowner for approved erosion control works they are performing that are deemed valid and acceptable by TRCA under the ERMP.
- 4.12. **“Restrictive Covenant”** means a covenant imposing a restriction on the use of land so the integrity of the erosion control works are preserved.

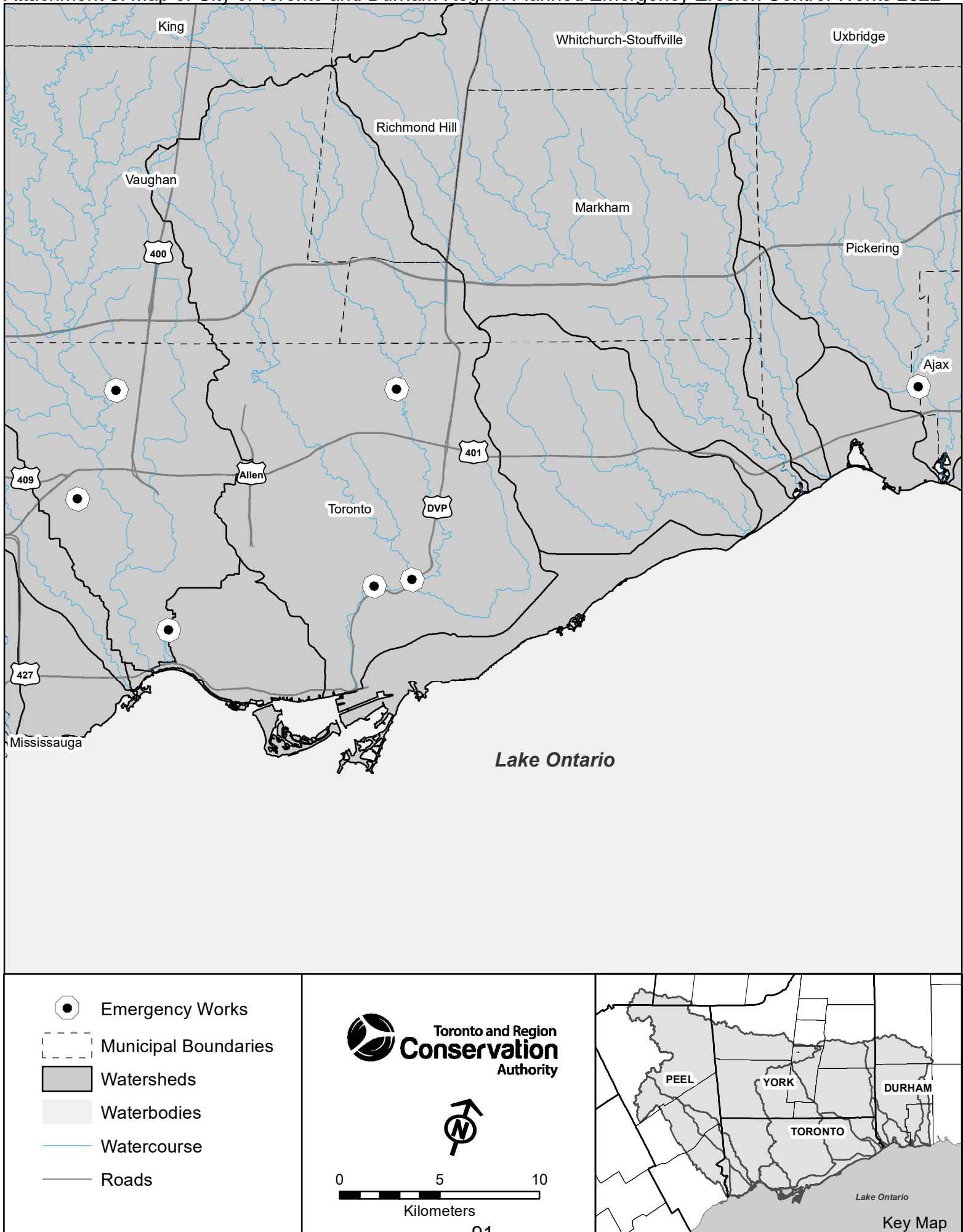
5. ADMINISTRATION

Administered by the Clerk's Office

Administered by the Clerk's Office			
Review Schedule:	5 Years	Next Review Date:	April 12, 2027
Supersedes:	Private Landowner Contribution for Erosion Control Works, approved January 27, 2017		
Related Legislation, Regulations and Guidelines:	<ul style="list-style-type: none">• Conservation Authorities Act, R.S.O. 1990, c. C.27• Toronto And Region Conservation Authority: Regulation of Development, Interference With Wetlands and Alterations to Shorelines and Watercourses, O. Reg. 166/06		
Related Policies and Policy Tools:	<ul style="list-style-type: none">• Supporting SOP for the Private Landowner Contribution for Erosion Control Works Policy• Erosion Risk Management Program – Works and Access Agreement• Design Contribution Agreement• Erosion Control Agreement		
Revision History			

Policy Title: PRIVATE LANDOWNER CONTRIBUTION FOR EROSION CONTROL WORKS
Policy No.: DSP-7.01-P

Version Number	Version Date	Description
n/a	January 27, 2017	Approval resolution #A227/16
1	May 24, 2022	Policy in effect



Section IV – Ontario Regulation 166/06, as amended

TO: Chair and Members of the Board of Directors
Thursday, November 10, 2022 Meeting

FROM: Sameer Dhalla, Director, Development and Engineering Services

RE: **STANDARD DELEGATED PERMITS FOR RECEIPT – STAFF
APPROVED AND ISSUED**

KEY ISSUE

Standard Delegated Permits are processed by Development and Engineering Services Division staff, authorized by designated staff appointed as Authorized Signatories by the Board of Directors and received monthly by the Executive Committee, except for November and December 2022. Permits categorized as Standard Delegated Permits are: standard, routine infrastructure works, emergency infrastructure works, minor works, and permits after the fact/resolution of violations.

STANDARD DELEGATED PERMITS FOR RECEIPT – STAFF APPROVED AND ISSUED
(Page 92)

PERMISSION FOR ROUTINE INFRASTRUCTURE WORKS FOR RECEIPT – STAFF
APPROVED AND ISSUED (Page 112)

MINOR WORKS LETTER OF APPROVAL FOR RECEIPT – STAFF APPROVED AND ISSUED
(Page 122)

PERMITS AFTER THE FACT / RESOLUTION OF VIOLATIONS FOR RECEIPT – STAFF
APPROVED AND ISSUED (Page 127)

RECOMMENDATION:

THAT standard delegated permits, permission for routine infrastructure works, minor works letters of approval, and permits after the fact / resolution of violations granted by Toronto and Region Conservation Authority staff, in accordance with Ontario Regulation 166/06, as amended, which are listed below, be received.

STANDARD DELEGATED PERMITS FOR RECEIPT– STAFF APPROVED AND ISSUED

<p>Delegated Permits are processed by Development and Engineering Services Division staff, authorized by designated staff appointed as Authorized Signatories by the Board of Directors and received monthly by the Executive Committee. Delegated permits are categorized as standard, routine infrastructure works, emergency infrastructure works, minor works and permits after the fact/resolution of violations. Standard permits are non-complex permissions consistent with TRCA approved policies and procedures and issued for a time period of two years or less.</p>
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CITY OF BRAMPTON

CITY OF BRAMPTON - Mimico Creek Watershed

The purpose is to reconstruct a four lane road, including a grade separation for CN railway and replace a culvert on Goreway Drive between Brandon Gate Drive and Kenview Boulevard, in the City of Brampton and the City of Mississauga. The works will be completed in the dry.

CFN: 63997 - Application #: 0076/21/BRAM

Report Prepared by: Emma Benko, at 437-880-2422, email emma.benko@trca.ca

For information contact: Emma Benko, at 437-880-2422, email emma.benko@trca.ca

Date: September 29, 2022

REGIONAL MUNICIPALITY OF PEEL - Humber River Watershed

The purpose is to install 750 mm, 300 mm and 250 mm diameter watermain on Goreway Drive between Castlemore Road to Countryside Drive, in the City of Brampton. The works will be completed in the dry.

CFN: 67591 - Application #: 0949/22/BRAM

Report Prepared by: Emma Benko, at 437-880-2422, email emma.benko@trca.ca

For information contact: Emma Benko, at 437-880-2422, email emma.benko@trca.ca

Date: September 13, 2022

CITY OF MARKHAM

25 DOVE LANE - Don River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Don River Watershed to facilitate modifications to a patio and deck on the existing built form footprint at 25 Dove Lane in the City of Markham.

CFN: 67730 - Application #: 1139/22/MARK

Report Prepared by: Joshua Lacaria, at 437-880-2347, email joshua.lacaria@trca.ca

For information contact: Michelle Bates, at 437-880-2287, email michelle.bates@trca.ca

Date: October 12, 2022

CITY OF MARKHAM - Rouge River Watershed

The purpose is to undertake erosion restoration and stabilization along the bank of Berczy Creek near Rae Crescent, east of Warden Avenue and south of 16th Avenue, in the City of Markham. The works will include construction of a vegetated rock buttress and toe trench on the eroded bank and construction of a creek offset protection trench to provide future erosion protection to the pathway and rehabilitation of the existing pathway. The works will be completed in the dry.

CFN: 65878 - Application #: 0180/22/MARK

Report Prepared by: Harsha Gammanpila, at 437-880-2423, email

harsha.gammanpila@trca.ca

For information contact: Harsha Gammanpila, at 437-880-2423, email

harsha.gammanpila@trca.ca

Item 10.1

Date: September 16, 2022

CITY OF MARKHAM - Rouge River Watershed

The purpose is to undertake installation of basketball court facility at Grand Cornell Park in the City of Markham. The works include installing light duty asphalt paving, acrylic surfacing, galvanized chain link fence, and basketball court accessories. No in-water works are associated with this project.

CFN: 67696 - Application #: 1006/22/MARK

Report Prepared by: George Tsourounis, at 437-880-2472, email george.tsourounis@trca.ca

For information contact: George Tsourounis, at 437-880-2472, email george.tsourounis@trca.ca

Date: October 21, 2022

MATTAMY (BERCZY GLEN) LIMITED - Rouge River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Rouge River Watershed in order to facilitate final servicing and grading and the construction residential development and construction of a Storm Water Management Facility (SWM Pond #2) and a multi-use trail. The subject property is located on lands known municipally as 3319 Elgin Mills Road East, in the City of Markham.

CFN: 67211 - Application #: 0874/22/MARK

Report Prepared by: Mark Howard, at 437-880-1942, email mark.howard@trca.ca

For information contact: Mark Howard, at 437-880-1942, email mark.howard@trca.ca

Date: October 28, 2022

METROPIA MINTO (SIXTEENTH) HOLDINGS GP INC. - Rouge River Watershed

The purpose is to conduct grading works and construct servicing (sanitary, water, stormwater management and roadways) including a sanitary crossing of Bruce Creek associated with an approved Draft Plan of Subdivision (19T-16M10 - Metropia, Union Village (York Downs East)) within a TRCA Regulated Area of the Rouge River watershed at 4134 16th Avenue in the City of Markham.

CFN: 65556 - Application #: 0927/21/MARK

Report Prepared by: Anthony Sun, at 437-880-2283, email anthony.sun@trca.ca

For information contact: Anthony Sun, at 437-880-2283, email anthony.sun@trca.ca

Date: October 27, 2022

CITY OF MISSISSAUGA

CITY OF MISSISSAUGA - Etobicoke Creek Watershed

The purpose is to undertake the removal and replacement of a pedestrian bridge at Applewood Hills Park, on Applewood Trail, approximately 450 m northwest of 1204 Bloor Street, south of Golden Orchard Drive and Winding Trail, in the City of Mississauga. All works will be undertaken in the dry.

CFN: 67579 - Application #: 0896/22/MISS

Report Prepared by: Allison Donnelly, at 437-880-2474, email allison.donnelly@trca.ca

For information contact: Allison Donnelly, at 437-880-2474, email allison.donnelly@trca.ca

Date: October 13, 2022

CITY OF PICKERING

2283 CANTERBURY CRESCENT - Duffins Creek Watershed

The purpose is to facilitate interior alterations to convert an existing basement into a secondary suite at 2283 Canterbury Crescent in the City of Pickering.

CFN: 67735 - Application #: 1199/22/PICK

Report Prepared by: Heather Rodriguez, at 437-880-2415, email heather.rodriguez@trca.ca

For information contact: Steve Heuchert, at 437-880-2384, email steve.heuchert@trca.ca

Date: October 25, 2022

CITY OF RICHMOND HILL

224 STOUFFVILLE ROAD - Rouge River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Rouge River Watershed in order to facilitate the construction of a single detached dwelling at 224 Stouffville Road, in the City of Richmond Hill.

CFN: 67823 - Application #: 1152/22/RH

Report Prepared by: Linda Bui, at 437-880-2286, email linda.bui@trca.ca

For information contact: Anthony Sun, at 437-880-2283, email anthony.sun@trca.ca

Date: October 7, 2022

9 LINDA MARGARET CRESCENT - Rouge River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Rouge River Watershed in order to facilitate the construction of an in-ground pool and associated patio at 9 Linda Margaret Crescent, in the City of Richmond Hill.

CFN: 67519 - Application #: 0828/22/RH

Report Prepared by: Linda Bui, at 437-880-2286, email linda.bui@trca.ca

For information contact: Anthony Sun, at 437-880-2283, email anthony.sun@trca.ca

Date: October 31, 2022

Item 10.1

COUNTRY WIDE HOMES (JEFFERSON) INC. - Rouge River Watershed

The purpose is to conduct site stripping, earth works and construct a headwall outlet in preparation for the construction of an approved residential subdivision within a Regulated Area of the Rouge River Watershed on the south side of Jefferson Sideroad, east Beech Avenue, north of Harris Avenue in the City of Richmond Hill.

CFN: 67355 - Application #: 0672/22/RH

Report Prepared by: Linda Bui, at 437-880-2286, email linda.bui@trca.ca

For information contact: Anthony Sun, at 437-880-2283, email anthony.sun@trca.ca

Date: October 28, 2022

643 NORTH LAKE ROAD - Humber River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Humber River Watershed in order to facilitate the construction of a two-storey single detached dwelling at 643 North Lake Road, in the City of Richmond.

CFN: 66884 - Application #: 0426/22/RH

Report Prepared by: Linda Bui, at 437-880-2286, email linda.bui@trca.ca

For information contact: Anthony Sun, at 437-880-2283, email anthony.sun@trca.ca

Date: September 25, 2022

140 SNIVELY STREET - Humber River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Humber River Watershed in order to facilitate the construction of a single detached dwelling at 140 Snively Street, in the City of Richmond Hill.

CFN: 67805 - Application #: 1055/22/RH

Report Prepared by: Linda Bui, at 437-880-2286, email linda.bui@trca.ca

For information contact: Anthony Sun, at 437-880-2283, email anthony.sun@trca.ca

Date: September 30, 2022

451 NORTH LAKE ROAD - Humber River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Humber River Watershed in order to facilitate the construction of a front porch addition and exterior cladding to the existing single detached dwelling at 451 North Lake Road, in the City of Richmond Hill.

CFN: 67830 - Application #: 1180/22/RH

Report Prepared by: Linda Bui, at 437-880-2286, email linda.bui@trca.ca

For information contact: Anthony Sun, at 437-880-2283, email anthony.sun@trca.ca

Date: October 14, 2022

Item 10.1

1 WORLEY HALL GATE - Rouge River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Rouge River Watershed in order to facilitate the replacement of a septic system located at 1 Worley Hall Gate, in the City of Richmond Hill.

CFN: 67833 - Application #: 1196/22/RH

Report Prepared by: Linda Bui, at 437-880-2286, email linda.bui@trca.ca

For information contact: Anthony Sun, at 437-880-2283, email anthony.sun@trca.ca

Date: October 18, 2022

CITY OF TORONTO (ETOBICOKE YORK COMMUNITY COUNCIL AREA)

137 LAKE PROMENADE - Waterfront Watershed

The purpose is to modify the existing shoreline protection structure for the existing single family residential property at 137 Lake Promenade in the City of Toronto (Etobicoke York).

CFN: 66239 - Application #: 1481/21/TOR

Report Prepared by: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

For information contact: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

Date: October 20, 2022

CITY OF TORONTO - Etobicoke Creek Watershed

The purpose is to replace an existing culvert with a larger structure located on Bloor Street, between Markland Drive and Neilor Crescent, in the City of Toronto.

CFN: 66834 - Application #: 0260/22/TOR

Report Prepared by: Justin Lee Pack, at 437-880-2392, email justin.leepack@trca.ca

For information contact: Justin Lee Pack, at 437-880-2392, email justin.leepack@trca.ca

Date: September 7, 2022

141 LAKE PROMENADE - Waterfront Watershed

The purpose is to construct a new shoreline protection structure for the existing single family residential property at 141 Lake Promenade in the City of Toronto (Etobicoke York).

CFN: 66240 - Application #: 1482/21/TOR

Report Prepared by: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

For information contact: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

Date: October 20, 2022

355 SILVERSTONE DRIVE - Humber River Watershed

The purpose is to construct a detached garage in the rear yard of the existing dwelling at 355 Silverstone Drive in the City of Toronto (Etobicoke York).

CFN: 67978 - Application #: 1185/22/TOR

Report Prepared by: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

For information contact: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

Date: October 19, 2022

20 HILLAVON DRIVE - Mimico Creek Watershed

The purpose is to construct a partial second storey addition to the existing 1.5 storey detached dwelling at 20 Hillavon Drive in the City of Toronto (Etobicoke York).

CFN: 67654 - Application #: 0987/22/TOR

Report Prepared by: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

For information contact: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

Date: September 26, 2022

608 ALLIANCE AVENUE - Humber River Watershed

The purpose is to construct a covered deck to the rear of the existing semi-detached dwelling at 608 Alliance Avenue in the City of Toronto (Etobicoke York).

CFN: 67755 - Application #: 1162/22/TOR

Report Prepared by: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

For information contact: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

Date: September 15, 2022

ST. GEORGES GOLF AND COUNTRY CLUB - Humber River Watershed

The purpose is to construct a concrete underground cistern and related piping and pumping infrastructure to eliminate the daily use of municipal water for irrigation purposes at St. Georges Golf and Country Club, municipally described as 1668 Islington Avenue in the City of Toronto (Etobicoke York). Also proposed is a renovation to the existing golf course practice range.

CFN: 66697 - Application #: 0247/22/TOR

Report Prepared by: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

For information contact: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

Date: October 3, 2022

7 TOPCLIFF AVENUE - Humber River Watershed

The purpose is to construct a new detached garage in the rear yard of the existing single family detached dwelling at 7 Topcliff Avenue in the City of Toronto (Etobicoke York).

CFN: 67620 - Application #: 0936/22/TOR

Report Prepared by: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

For information contact: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

Date: October 5, 2022

CITY OF TORONTO (NORTH YORK COMMUNITY COUNCIL AREA)

23 ROYCREST AVENUE - Don River Watershed

The purpose is to construct a second storey addition over the existing footprint of the one storey dwelling at 23 Roycrest Avenue in the City of Toronto (North York Community Council Area). The proposal also includes a two storey addition to the front and side of the dwelling.

CFN: 57509 - Application #: 0300/17/TOR

Report Prepared by: Anna Lim, at 437-880-2413, email anna.lim@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: September 28, 2022

29 DONWOODS DRIVE - Don River Watershed

The purpose is to construct a two storey detached replacement dwelling with garage, rear deck and balcony at 29 Donwoods Drive in the City of Toronto (North York Community Council Area).

CFN: 62879 - Application #: 0160/20/TOR

Report Prepared by: Terina Tam, at 437-880-2421, email terina.tam@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: September 22, 2022

30 BROOKFIELD ROAD - Don River Watershed

The purpose is to construct a raised roof above the family room of the existing single family dwelling at 30 Brookfield Road in the City of Toronto (North York Community Council Area).

CFN: 66922 - Application #: 0418/22/TOR

Report Prepared by: Terina Tam, at 437-880-2421, email terina.tam@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: October 21, 2022

40 REVCOE DRIVE - Don River Watershed

The purpose is to construct a two storey single family detached replacement dwelling with finished basement, rear wood deck, interlock patio and associated hard landscaping at 40 Revcoe Drive in the City of Toronto (North York Community Council Area).

CFN: 64443 - Application #: 0187/21/TOR

Report Prepared by: Terina Tam, at 437-880-2421, email terina.tam@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: October 5, 2022

Item 10.1

134 SANDRINGHAM DRIVE - Don River Watershed

The purpose is to construct a three-storey rear and side addition, rear deck, pool and stairs to the existing three-storey single family dwelling at 134 Sandringham Drive in the City of Toronto (North York Community Council Area).

CFN: 63941 - Application #: 1100/20/TOR

Report Prepared by: Daniel Pina, at 437-880-2413, email daniel.pina@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: October 24, 2022

172 SANDRINGHAM DRIVE - Don River Watershed

The purpose is to construct a detached pool cabana to the rear of the existing two-storey single family dwelling at 172 Sandringham Drive in the City of Toronto (North York Community Council Area).

CFN: 67284 - Application #: 0669/22/TOR

Report Prepared by: Justin Lim, at 437-880-2134, email justin.lim@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: October 28, 2022

CITY OF TORONTO (SCARBOROUGH COMMUNITY COUNCIL AREA)

CITY OF TORONTO - Highland Creek Watershed

The purpose is to replace Culvert 907 on Chartland Boulevard South, east of Brimley Road in the City of Toronto.

CFN: 66531 - Application #: 0161/22/TOR

Report Prepared by: Margie Akins, at 437-880-2388, email margie.akers@trca.ca

For information contact: Margie Akins, at 437-880-2388, email margie.akers@trca.ca

Date: September 21, 2022

CITY OF TORONTO - Highland Creek Watershed

The purpose is to replace Culvert 956 on Chestermere Boulevard, east of Bellamy Road North in the City of Toronto.

CFN: 66824 - Application #: 0229/22/TOR

Report Prepared by: Margie Akins, at 437-880-2388, email margie.akers@trca.ca

For information contact: Margie Akins, at 437-880-2388, email margie.akers@trca.ca

Date: September 27, 2022

Item 10.1

CITY OF TORONTO - CORPORATE REAL ESTATE - Don River Watershed

The purpose is to construct a two storey replacement police station with associated parking and servicing located at 2222 Eglinton Avenue East in the City of Toronto (Scarborough Community Council Area).

CFN: 68014 - Application #: 1249/22/TOR

Report Prepared by: Stephanie Dore, at 437-880-2469, email stephanie.dore@trca.ca

For information contact: Stephanie Dore, at 437-880-2469, email stephanie.dore@trca.ca

Date: October 20, 2022

2 KINGSBURY CRESCENT - Waterfront Watershed

The purpose is to construct a two storey replacement dwelling at 2 Kingsbury Crescent in the City of Toronto (Scarborough Community Council Area).

CFN: 67747 - Application #: 1147/22/TOR

Report Prepared by: Heather Rodriguez, at 437-880-2415, email

heather.rodriguez@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: October 19, 2022

195 BIRKDALE ROAD - Highland Creek Watershed

The purpose is to replace an existing deck attached to the east side of the existing dwelling located at 195 Birkdale Road in the City of Toronto (Scarborough Community Council Area).

CFN: 67665 - Application #: 1043/22/TOR

Report Prepared by: Heather Rodriguez, at 437-880-2415, email

heather.rodriguez@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: September 23, 2022

41 FALLINGBROOK ROAD - Waterfront Watershed

The purpose is to construct a second-storey addition, a south side addition, and an attached deck to the existing dwelling located at 41 Fallingbrook Road (Scarborough Community Council Area). In addition, a patio and hot tub are proposed in the rear yard of the subject site.

CFN: 67282 - Application #: 0734/22/TOR

Report Prepared by: Heather Rodriguez, at 437-880-2415, email

heather.rodriguez@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: October 7, 2022

Item 10.1

54 MABERLEY CRESCENT - Waterfront Watershed

The purpose is to replace stairs and an attached deck to the rear of the existing two-storey dwelling at 54 Maberley Crescent in the City of Toronto (Scarborough Community Council Area).

CFN: 67751 - Application #: 1153/22/TOR

Report Prepared by: Heather Rodriguez, at 437-880-2415, email heather.rodriguez@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: October 13, 2022

14 WILLOWHURST CRESCENT - Don River Watershed

The purpose is to convert an existing basement to a secondary suite and construct a below grade entrance to the side of an existing detached dwelling located at 14 Willowhurst Crescent in the City of Toronto (Scarborough Community Council Area).

CFN: 68015 - Application #: 1254/22/TOR

Report Prepared by: Heather Rodriguez, at 437-880-2415, email heather.rodriguez@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: October 26, 2022

21 CUDIA CRESCENT - Waterfront Watershed

The purpose is to facilitate interior alterations and construct a side second-storey addition to the existing 1 ½ dwelling located at 21 Cudia Crescent in the City of Toronto (Scarborough Community Council Area).

CFN: 67750 - Application #: 1151/22/TOR

Report Prepared by: Heather Rodriguez, at 437-880-2415, email heather.rodriguez@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: October 13, 2022

55 ZAPH AVENUE - Highland Creek Watershed

The purpose is to construct a two-storey replacement dwelling at 55 Zaph Avenue in the City of Toronto (Scarborough Community Council Area).

CFN: 67480 - Application #: 0742/22/TOR

Report Prepared by: Heather Rodriguez, at 437-880-2415, email heather.rodriguez@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: September 23, 2022

Item 10.1

315 ROUGE HILLS DRIVE - Rouge River Watershed

The purpose is to replace upper and lower deck and associated stairs at the rear (north) of the existing single family dwelling located at 315 Rouge Hills Drive in the City of Toronto (Scarborough Community Council Area).

CFN: 51792 - Application #: 0842/14/TOR

Report Prepared by: Stephanie Dore, at 437-880-2469, email stephanie.dore@trca.ca

For information contact: Stephanie Dore, at 437-880-2469, email stephanie.dore@trca.ca

Date: October 11, 2022

CITY OF TORONTO (TORONTO AND EAST YORK COMMUNITY COUNCIL AREA)

524 EASTERN AVENUE - Waterfront Watershed

The purpose is to convert the existing two-storey townhouse dwelling into a duplex through the construction of a third storey addition, two-storey rear addition, and rear second floor entrance/exit stair at 524 Eastern Avenue in the City of Toronto (Toronto and East York).

CFN: 67608 - Application #: 0907/22/TOR

Report Prepared by: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

For information contact: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

Date: October 27, 2022

38 MINTO STREET - Waterfront Watershed

The purpose is to construct a laneway suite to the rear of the existing dwelling at 38 Minto Street in the City of Toronto (Toronto and East York Community Council Area). The existing dwelling is to remain and the rear detached garage will be modified to include the laneway suite.

CFN: 67596 - Application #: 0861/22/TOR

Report Prepared by: Anna Lim, at 437-880-2413, email anna.lim@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: September 27, 2022

CITY OF TORONTO - Don River Watershed

The purpose is to reconstruct an approximately 260 metre stretch of Taylor Massey Creek and a 100 metre stretch of Ferris Creek east of O'Connor Drive, south of Glenwood Crescent, in the City of Toronto.

CFN: 64897 - Application #: 0521/21/TOR

Report Prepared by: Zack Carlan, at 437-880-2396, email zack.carlan@trca.ca

For information contact: Zack Carlan, at 437-880-2396, email zack.carlan@trca.ca

Date: September 27, 2022

Item 10.1

CITY OF TORONTO - Don River Watershed

The purpose is to undertake storm and sanitary sewer upgrades on Heath Street East, west of Lumley Avenue, as part of the Basement Flooding Protection Area 2 Program, in the City of Toronto. No in-water works are within the scope of the project.

CFN: 66062 - Application #: 1367/21/TOR

Report Prepared by: Alannah Slattery, at 437-880-2386, email alannah.slattery@trca.ca

For information contact: Alannah Slattery, at 437-880-2386, email alannah.slattery@trca.ca

Date: September 12, 2022

CITY OF TORONTO - Don River Watershed

The purpose is to reconstruct the two existing Pottery Road vehicular bridge structures over the Don River located approximately 100 meters east of the Pottery Road and Bayview Avenue intersection, in the City of Toronto.

CFN: 66832 - Application #: 0389/22/TOR

Report Prepared by: Nathan Jenkins, at 437-880-2395, email nathan.jenkins@trca.ca

For information contact: Nathan Jenkins, at 437-880-2395, email nathan.jenkins@trca.ca

Date: June 28, 2022

CITY OF TORONTO - Don River Watershed

The purpose is to continue the construction and active use of the Coxwell Bypass BB-1 shaft, an approximately 21 m diameter vertical shaft connecting to the main Coxwell Bypass tunnel, located northwest of Bloor Street East and Bayview Avenue in the City of Toronto. A TRCA permit under O.Reg. 166/06 was issued for this project on September 17, 2018 (Permit No. C-180843, CFN 54141), and a permit re-issuance with revisions was approved on September 9, 2020 (Permit No. C-200760R, CFN 54141). An additional permit revision was approved on December 11, 2020 (Permit No. C-200760R, CFN 54141). A new permit through this application is now required for works to continue. No in-water work is associated with this project.

CFN: 67571 - Application #: 0877/22/TOR

Report Prepared by: Corinna Thomassen-Darby, at 437-880-2391, email corinna.thomassen-darby@trca.ca

For information contact: Corinna Thomassen-Darby, at 437-880-2391, email corinna.thomassen-darby@trca.ca

Date: September 27, 2022

Item 10.1

79 RIVERVIEW GARDENS - Humber River Watershed

The purpose is to underpin a portion of the existing two-storey single family detached dwelling at 79 Riverview Gardens in the City of Toronto (Etobicoke York).

CFN: 67742 - Application #: 1125/22/TOR

Report Prepared by: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

For information contact: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

Date: September 26, 2022

282 RIVERSIDE DRIVE - Don River Watershed

The purpose is to construct a garage and deck above the garage to the rear of the dwelling at 282 Riverside Drive in the City of Toronto (Toronto and East York Community Council Area).

CFN: 67507 - Application #: 0839/22/TOR

Report Prepared by: Anna Lim, at 437-880-2413, email anna.lim@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: September 27, 2022

47 KENNEDY PARK ROAD - Humber River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Humber River Watershed to facilitate underpinning of a portion of the basement foundation of the existing semi-detached two-storey dwelling at 47 Kennedy Park Road, Toronto.

CFN: 67077 - Application #: 0537/22/TOR

Report Prepared by: Andrea Lam, at 437-880-2115, email andrea.lam@trca.ca

For information contact: Andrea Lam, at 437-880-2115, email andrea.lam@trca.ca

Date: October 21, 2022

169 KINGSWOOD ROAD - Waterfront Watershed

The purpose is to construct a one storey and two storey rear addition at 169 Kingswood Road in the City of Toronto (Toronto and East York Community Council Area).

CFN: 67748 - Application #: 1131/22/TOR

Report Prepared by: Anna Lim, at 437-880-2413, email anna.lim@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: September 27, 2022

Item 10.1

26 GLENCREST BOULEVARD - Don River Watershed

The purpose is to construct a rear addition, second storey addition over the existing footprint, rear deck and basement walkout at 26 Glencrest Boulevard in the City of Toronto (Toronto and East York Community Council Area). The proposal also includes the underpinning of the basement, removal of the retaining walls on City owned land and minor grading.

CFN: 65190 - Application #: 0725/21/TOR

Report Prepared by: Anna Lim, at 437-880-2413, email anna.lim@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: September 28, 2022

5 WEST LYNN AVENUE - Waterfront Watershed

The purpose is to remove an existing timber retaining wall and replace it with a new armourstone retaining wall at 5 West Lynn Avenue in the City of Toronto (Toronto-East York Community Council).

CFN: 68012 - Application #: 1237/22/TOR

Report Prepared by: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: October 6, 2022

28 BERKSHIRE AVENUE - Waterfront Watershed

The purpose is to construct a one-storey rear addition, basement walkout, and rear deck to the existing two-storey single family dwelling at 28 Berkshire Avenue in the City of Toronto (Toronto and East York Community Council Area). The proposal also involves underpinning of the existing basement.

CFN: 67650 - Application #: 0971/22/TOR

Report Prepared by: Daniel Pina, at 437-880-2413, email daniel.pina@trca.ca

For information contact: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

Date: October 13, 2022

CITY OF VAUGHAN

CITY OF VAUGHAN - Humber River Watershed

The purpose is to rehabilitate an existing parking lot at Pierre Berton Heritage Centre (PBHC) located at 10418 Islington Avenue in the City of Vaughan. The works include removing and replacing the top layer of asphalt, replacing existing timber retaining wall at the south end of the parking lot with a concrete retaining wall, grading parking lot to a new bioswale south of the parking lot, installing new conduit from the PBHC building to new electronic vehicle (EV) chargers at the east end of the parking lot, and installing new paver walkway along the west and south ends of the parking lot. No in-water works are within the scope of this project.

CFN: 67265 - Application #: 0702/22/VAUG

Report Prepared by: George Tsourounis, at 437-880-2472, email george.tsourounis@trca.ca

For information contact: George Tsourounis, at 437-880-2472, email george.tsourounis@trca.ca

Date: September 20, 2022

NASHVILLE MAJOR DEVELOPMENTS INC. - Humber River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Humber River watershed in order to facilitate final grading and servicing works associated with a draft approved plan of subdivision (19T-20V004) known as Nashville Heights Residential Subdivision (Phase 2B), located within the Southeastern corner of Block 61 West, in the City of Vaughan.

CFN: 67373 - Application #: 0768/22/VAUG

Report Prepared by: Stephen Bohan, at 437-880-1944, email stephen.bohan@trca.ca

For information contact: Stephen Bohan, at 437-880-1944, email stephen.bohan@trca.ca

Date: October 24, 2022

130 CLARENCE STREET - Humber River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Humber River Watershed in order to facilitate the construction of a 35.4 sq.m (381 sq. ft) addition to the ground floor, a 52.18 sq.m (561.65 sq. ft) addition to the second floor, a 24.36 sq.m (262.17 sq. ft) heated sunroom and an infiltration gallery at the rear yard. The subject property is located on lands known municipally as 130 Clarence Street, in the City of Vaughan.

CFN: 67817 - Application #: 1119/22/VAUG

Report Prepared by: Hamedeh Razavi, at 437-880-1940, email hamedeh.razavi@trca.ca

For information contact: Stephen Bohan, at 437-880-1944, email stephen.bohan@trca.ca

Date: September 2, 2022

TOWN OF CALEDON

16401 THE GORE ROAD - Humber River Watershed

The purpose is to undertake works within the TRCA Regulated Area of the Humber River Watershed in order to facilitate the construction of a 60 sq.m. in-ground swimming pool including patio area, 2.3 sq. m. pool equipment shed and 28.6 sq.m. gazebo located at the north west side of the existing residential dwelling, all associated with a municipal building permit and municipal site plan application (Town File No. SPA 22-41). The subject property is located at 16401 The Gore Road, in the Town of Caledon.

CFN: 67796 - Application #: 1252/22/CAL

Report Prepared by: Andrea Terella, at 437-880-1937, email andrea.terella@trca.ca

For information contact: Jason Wagler, at 437-880-1941, email jason.wagler@trca.ca

Date: October 13, 2022

12553 MCLAUGHLIN ROAD - Etobicoke Creek Watershed

The purpose is to undertake works within the TRCA Regulated Area of the Etobicoke Creek Watershed in order to facilitate the construction of a 288.03 sq.m. two storey detached residential dwelling with an attached 67.15 sq.m. garage including a deck, patio area and new septic system, all associated with a municipal building permit. The subject property is located at 12553 McLaughlin Road, in the Town of Caledon.

CFN: 66642 - Application #: 0087/22/CAL

Report Prepared by: Andrea Terella, at 437-880-1937, email andrea.terella@trca.ca

For information contact: Nick Cascone, at 437-880-1943, email nick.cascone@trca.ca

Date: January 27, 2022

10054 OLD CHURCH ROAD - Humber River Watershed

The purpose is to undertake works within TRCA's regulated area of the Humber River Watershed in order to facilitate the construction of a new wetland located at 10054 Old Church Road in the Town of Caledon.

CFN: 67792 - Application #: 1227/22/CAL

Report Prepared by: Nick Cascone, at 437-880-1943, email nick.cascone@trca.ca

For information contact: Nick Cascone, at 437-880-1943, email nick.cascone@trca.ca

Date: October 6, 2022

TOWN OF CALEDON - Humber River Watershed

The purpose is to undertake stormwater drainage improvements between Norton Boulevard and Meadowvale Court, located in the Town of Caledon. No in water works are associated with this project.

CFN: 67060 - Application #: 0488/22/CAL

Report Prepared by: Kristen Sullivan, at 437-880-2425, email kristen.sullivan@trca.ca

For information contact: Kristen Sullivan, at 437-880-2425, email kristen.sullivan@trca.ca

Date: September 23, 2022

Item 10.1

TOWN OF CALEDON - Humber River Watershed

The purpose is to install a new outdoor rink facility at the Caledon East Community Complex located at 6215 Old Church Road and parking lot resurfacing at the Town of Caledon Fire and Emergency Services Building located at 6211 Old Church Road, in the Town of Caledon. No in water works are within the scope of this project.

CFN: 67557 - Application #: 0911/22/CAL

Report Prepared by: Kristen Sullivan, at 437-880-2425, email kristen.sullivan@trca.ca

For information contact: Kristen Sullivan, at 437-880-2425, email kristen.sullivan@trca.ca

Date: September 30, 2022

TOWN OF WHITCHURCH-STOUFFVILLE

165 DOUGHERTY CRESCENT - Rouge River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Rouge River Water to facilitate the development of an attached deck at 165 Dougherty Crescent in the Town of Whitchurch-Stouffville.

CFN: 67215 - Application #: 0903/22/WS

Report Prepared by: Joshua Lacaria, at 437-880-2347, email joshua.lacaria@trca.ca

For information contact: Michelle Bates, at 437-880-2287, email michelle.bates@trca.ca

Date: October 13, 2022

PRESTON LAKE BEACH CLUB LTD. (PLBC) - Rouge River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Rouge River Watershed to facilitate improvements to the Preston Lake Beach Club including minor landscaping and grading works, the placement of armour stones, the construction of a new open-sided cabana, the replacement of a storage shed and the installation of native plantings on lands located on the east side of Abbotsford Road, Town of Whitchurch-Stouffville.

CFN: 67212 - Application #: 0848/22/WS

Report Prepared by: Michelle Bates, at 437-880-2287, email michelle.bates@trca.ca

For information contact: Michelle Bates, at 437-880-2287, email michelle.bates@trca.ca

Date: October 7, 2022

TOWNSHIP OF ADJALA-TOSORONTIO

1016 CONCESSION ROAD 4 - Humber River Watershed

The purpose is to undertake works within the TRCA Regulated Area of the Humber River Watershed in order to facilitate the construction of a 332.8 sq.m. residential dwelling with attached garage, including a new driveway, septic system, in-ground swimming pool and deck all associated with a municipal building permit and zoning by-law amendment (Town File No. Z/04/20). The subject property is located at 1016 Concession Road 4 in the Township of Adjala-Tosorontio.

CFN: 67427 - Application #: 0967/22/ADJ

Report Prepared by: Andrea Terella, at 437-880-1937, email andrea.terella@trca.ca

For information contact: Nick Cascone, at 437-880-1943, email nick.cascone@trca.ca

Date: August 2, 2022

TOWNSHIP OF KING

55 CAVELL AVENUE - Humber River Watershed

The purpose is to undertake works within the TRCA Regulated Area of the Humber River Watershed in order to facilitate the construction of a 27 sq.m. one storey addition and 26.27 sq.m. deck located at the rear of the existing residential dwelling associated with a municipal building permit and municipal site plan application (Town File No. SPD22-37). The subject property is located at 55 Cavell Avenue, in the Township of King.

CFN: 67841 - Application #: 1253/22/KING

Report Prepared by: Andrea Terella, at 437-880-1937, email andrea.terella@trca.ca

For information contact: Jason Wagler, at 437-880-1941, email jason.wagler@trca.ca

Date: October 13, 2022

22 CRESTVIEW ROAD - Humber River Watershed

The purpose is to undertake works within the TRCA Regulated Area of the Humber River Watershed in order to facilitate the construction of a 26.8 sq.m. in-ground swimming pool including a 28.7 sq. m. cabana and concrete patio area located at the rear of the existing residential dwelling associated with a municipal building permit. The subject property is located at 22 Crestview Road, in the Township of King.

CFN: 67822 - Application #: 1155/22/KING

Report Prepared by: Andrea Terella, at 437-880-1937, email andrea.terella@trca.ca

For information contact: Nick Cascone, at 437-880-1943, email nick.cascone@trca.ca

Date: September 14, 2022

25 KINGSWORTH ROAD - Humber River Watershed

The purpose is to undertake works within the TRCA Regulated Area of the Humber River Watershed in order to facilitate the construction of a new 595.69 sq.m. dwelling including two attached garages, cabana, in-ground swimming pool, spa, patio area, new driveway and septic system, all associated with a municipal building permit and municipal site plan application (Town File No. SPD-21-59). The subject property is located at 25 Kingsworth Road, in the Township of King.

CFN: 67534 - Application #: 0955/22/KING

Report Prepared by: Andrea Terella, at 437-880-1937, email andrea.terella@trca.ca

For information contact: Nick Cascone, at 437-880-1943, email nick.cascone@trca.ca

Date: July 28, 2022

28 CHARLES STREET - Humber River Watershed

The purpose is to undertake works within TRCA's regulated area of the Humber River Watershed in order to facilitate the construction of a 491.68 square metre single detached dwelling, patio and associated grading. The works are associated with a municipal Minor Variance application (Township File: 31-A-22) and building permit and are located at 28 Charles Street, in the Township of King.

CFN: 67832 - Application #: 1193/22/KING

Report Prepared by: Nick Cascone, at 437-880-1943, email nick.cascone@trca.ca

For information contact: Nick Cascone, at 437-880-1943, email nick.cascone@trca.ca

Date: October 5, 2022

TOWNSHIP OF KING - Humber River Watershed

The purpose is to undertake emergency culvert replacement and road rehabilitation works on Diana Drive located north of King Vaughan Road and west of Highway 27, in the Township of King. The culvert replacement works include replacement of existing 800 mm diameter infilled deformed corrugated steel pipe (CSP) twin culverts with 20 m long 800 mm diameter dual CSP culverts. The road rehabilitation works include repaving of Diana Drive, replacing driveway culverts, maintenance and improvements of drainage ditch, and paving road shoulders. All the works will be undertaken in the dry. This permit is in accordance with TRCA Permission for Emergency Infrastructure Works Review Protocol (Authority Res. #A105/15).

CFN: 67720 - Application #: 1059/22/KING

Report Prepared by: Manirul Islam, at 437-880-2426, email manirul.islam@trca.ca

For information contact: Manirul Islam, at 437-880-2426, email manirul.islam@trca.ca

Date: September 26, 2022

PERMISSION FOR ROUTINE INFRASTRUCTURE WORKS FOR RECEIPT – STAFF APPROVED AND ISSUED

Permission for Routine Infrastructure Works, including Emergency Infrastructure Works permissions, are subject to authorization by staff designated as Authorized Signatories as per Authority Res. #A198/13 and #A103/15, respectively. All routine and emergency infrastructure works are located within a regulated area, generally within or adjacent to the natural hazard or natural feature and in the opinion of staff do not affect the control of flooding, erosion, dynamic beaches, pollution or the conservation of land.

CITY OF BRAMPTON

BEANFIELD METROCONNECT

To undertake sewer and watermain or utility installation or maintenance within an existing roadway on Williams Parkway from Graymar Road to approximately 125 meters north of Torbram Road, in the City of Brampton, Mimico Creek Watershed as located on property owned by City of Brampton. The purpose is to install high density polyethylene (HDPE) conduits and new Beanfield Metroconnect handholes within the road right-of-way (ROW) of Williams Parkway from north of Graymar Road to north of Torbram Road, in the City of Brampton. No in-water works are within the scope of the project.

CFN: 67468 - Application #: 0822/22/BRAM

Report Prepared by: Allison Donnelly, at 437-880-2474, email allison.donnelly@trca.ca

For information contact: Allison Donnelly, at 437-880-2474, email allison.donnelly@trca.ca

Date: September 30, 2022

BELL CANADA

To undertake sewer and watermain or utility installation or maintenance within an existing roadway on Balmoral Drive between Dixie Road and approximately 70 m northeast of Braemar Drive in the City of Brampton, Etobicoke Creek Watershed, as located on property owned by the City of Brampton. The purpose is to undertake the installation of high-density polyethylene (HDPE) conduits and grade level boxes on Dixie Road and Balmoral Road between Dixie Road and Braemar Drive, in the City of Brampton. No in-water works are associated with the project.

CFN: 67719 - Application #: 1024/22/BRAM

Report Prepared by: Allison Donnelly, at 437-880-2474, email allison.donnelly@trca.ca

For information contact: Allison Donnelly, at 437-880-2474, email allison.donnelly@trca.ca

Date: October 12, 2022

Item 10.1

ENBRIDGE GAS INC.

To undertake sewer, watermain or utility installation or maintenance within an existing roadway along the east side of Ace Drive between Tasker Road and Countryside Drive, in the City of Brampton, Etobicoke Creek Watershed, as located on property owned by the City of Brampton as per a Franchise Agreement with Enbridge Gas Inc. The purpose is to install a new NPS 4 PE IP gas pipeline along Ace Drive, between Tasker Road and Countryside Drive, in the City of Brampton. No in-water work is associated with this project.

CFN: 67875 - Application #: 1141/22/BRAM

Report Prepared by: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

For information contact: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

Date: October 25, 2022

REGIONAL MUNICIPALITY OF PEEL

To undertake sewer, watermain or utility installation or maintenance within an existing roadway on Williams Parkway East approximately 180 meters south of Dixie Road, in the City of Brampton, Etobicoke Creek Watershed as located on the property owned by the City of Brampton. The purpose is to install a 500 mm diameter watermain via Horizontal Directional Drilling (HDD) on Williams Parkway East approximately 180 meters south of Dixie Road, in the City of Brampton.

CFN: 67046 - Application #: 0494/22/BRAM

Report Prepared by: Emma Benko, at 437-880-2422, email emma.benko@trca.ca

For information contact: Emma Benko, at 437-880-2422, email emma.benko@trca.ca

Date: October 7, 2022

ROGERS COMMUNICATIONS CANADA INC.

To undertake sewer, watermain or utility installation or maintenance within an existing roadway on Westcreek Boulevard between Steelwell Road and Hedgedale Road, in the City of Brampton, Etobicoke Creek Watershed as located on the property owned by the City of Brampton. The purpose is to install a 100 mm diameter HDPE conduit on Westcreek Boulevard between Steelwell Road and Hedgedale Road, in the City of Brampton. There are no in-water works associated with this proposal.

CFN: 67240 - Application #: 0685/22/BRAM

Report Prepared by: Emma Benko, at 437-880-2422, email emma.benko@trca.ca

For information contact: Emma Benko, at 437-880-2422, email emma.benko@trca.ca

Date: October 7, 2022

CITY OF MARKHAM

REGIONAL MUNICIPALITY OF YORK

To undertake drainage structure general maintenance on 16th Avenue, 398 m east of Reesor Road; Kennedy Road, 150 m north of YMCA Boulevard; and Kennedy Road, 153m north of YMCA Boulevard, in the City of Markham, Rouge River Watershed as located on property owned by the Regional Municipality of York. The purpose is to undertake removal of an existing 14.94 m x 400 mm high-density polyethylene (HDPE) culvert and replacing with a 15 m x 400 mm HDPE culvert on 16th Avenue, 398 m east of Reesor Road, in the City of Markham. The project also includes cured-in-place rehabilitation works of 46.77 m x 1390 mm x 970 mm corrugated steel pipe (CSPA) culvert on Kennedy Road, 150 m north of YMCA Boulevard and 47.19 m x 1390 mm x 970 mm CSPA culvert on Kennedy Road, 153 m north of YMCA Boulevard, in the City of Markham. All works will be undertaken in the dry.

CFN: 67461 - Application #: 0849/22/MARK

Report Prepared by: Nasim Shakouri, at 437-880-2427, email nasim.shakouri@trca.ca

For information contact: Nasim Shakouri, at 437-880-2427, email nasim.shakouri@trca.ca

Date: October 19, 2022

ROGERS COMMUNICATIONS CANADA INC.

To undertake sewer and watermain or utility watercourse crossing by trenchless technology on Highway 7 and Bur Oak Avenue in the City of Markham, Rouge River Watershed as located on property owned by the Regional Municipality of York. The purpose is to undertake installation of 4" (100m) High Density Polyethylene (HDPE) conduit on the south side of Highway 7, near Burk Oak Avenue, in the City of Markham. The proposed project also includes installation of two Rogers vaults on Highway 7, east and west sides of proposed Bur Oak Avenue. No in-water works are associated with this project.

CFN: 67684 - Application #: 0978/22/MARK

Report Prepared by: George Tsourounis, at 437-880-2472, email george.tsourounis@trca.ca

For information contact: George Tsourounis, at 437-880-2472, email george.tsourounis@trca.ca

Date: October 3, 2022

CITY OF RICHMOND HILL

ENBRIDGE GAS INC.

To undertake sewer, watermain or utility installation or maintenance within existing roadways along King Road, at 97 King Road, 119 King Road, and 125 King Road, in the City of Richmond Hill, Humber River Watershed, as located on property owned by private landowners whom Enbridge Gas Inc. is providing service at their request and on property owned by the City of Richmond Hill as per a Franchise Agreement with Enbridge Gas Inc. The purpose is to install new NPS 1 PE IP and NPS 1 1/4 PE IP gas pipelines along King Road, at 97 King Road, 119 King Road, and 125 King Road, in the City of Richmond Hill. No in-water work is associated with this project.

CFN: 67460 - Application #: 0811/22/RH

Report Prepared by: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

For information contact: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

Date: September 28, 2022

ENBRIDGE GAS INC.

To undertake sewer, watermain or utility installation or maintenance within an existing roadway at 949 Elgin Mills Road East, located approximately 650 metres east of the Elgin Mills Road East and Bayview Avenue intersection, in the City of Richmond Hill, Rouge River Watershed, as located on property owned by a private landowner whom Enbridge Gas Inc. is providing service at their request and on property owned by the City of Richmond Hill as per a Franchise Agreement with Enbridge Gas Inc. The purpose is to install a new NPS 1 PE IP gas pipeline at 949 Elgin Mills Road East, located approximately 650 metres east of the Elgin Mills Road East and Bayview Avenue intersection, in the City of Richmond Hill. No in-water work is associated with this project.

CFN: 67467 - Application #: 0819/22/RH

Report Prepared by: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

For information contact: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

Date: September 30, 2022

ENBRIDGE GAS INC.

To undertake sewer, watermain or utility installation or maintenance within an existing roadway at 980 Elgin Mills Road East, in the City of Richmond Hill, Rouge River Watershed, as located on property owned by a private landowner whom Enbridge Gas Inc. is providing service at their request and on property owned by the City of Richmond Hill as per a Franchise Agreement with Enbridge Gas Inc. The purpose is to install NPS 2 ST YJ IP, NPS 2 PE IP, NPS 1 1/4 PE IP, NPS 1 1/4 ST YJ HP, and NPS 1 ST YJ HP gas pipelines at 980 Elgin Mills Road East, in the City of Richmond Hill. No in-water work is associated with this project.

CFN: 67884 - Application #: 1167/22/RH

Report Prepared by: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

For information contact: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

Date: October 13, 2022

YORK TELECOM NETWORK INC.

To undertake sewer, watermain or utility watercourse crossing by trenchless technology on Bathurst Street, north of Hearthside Avenue, in the City of Richmond Hill, Don River Watershed as located on property owned by the Regional Municipality of York. The purpose is to undertake installation of a 2 x 7 way conduit on east side of Bathurst Street, north of Hearthside Avenue, in the City of Richmond Hill. The proposed conduit will cross below a culvert, approximately 210 m north of Hearthside Avenue. No in-water works are associated with this project.

CFN: 67859 - Application #: 1109/22/RH

Report Prepared by: George Tsourounis, at 437-880-2472, email george.tsourounis@trca.ca

For information contact: George Tsourounis, at 437-880-2472, email george.tsourounis@trca.ca

Date: September 23, 2022

CITY OF TORONTO (NORTH YORK COMMUNITY COUNCIL AREA)

ENBRIDGE GAS INC.

To undertake sewer, watermain or utility installation or maintenance within an existing roadway at 22 Brookfield Road, in the City of Toronto (North York Community Council Area), Don River Watershed, as located on property owned by a private landowner whom Enbridge Gas Inc. is providing service at their request and on property owned by the City of Toronto as per a Franchise Agreement with Enbridge Gas Inc. The purpose is to install new NPS 1 PE IP gas pipeline at 22 Brookfield Road, in the City of Toronto. No in-water work is associated with this project.

CFN: 67683 - Application #: 0947/22/TOR

Report Prepared by: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

For information contact: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

Date: September 29, 2022

CITY OF TORONTO (SCARBOROUGH COMMUNITY COUNCIL AREA)

BELL CANADA

To undertake sewer, watermain and utility installation or maintenance within an existing roadway along Cherrydale Court and Centennial Road located approximately 150 meters south of Lawson Road, in the City of Toronto (Scarborough Community Council Area), Highland Creek Watershed, as located on the property owned by City of Toronto. The purpose is to install new 15-way micro conduits and HDPE conduits along Cherrydale Court and Centennial Road in the City of Toronto. No in water work is associated with this project.

CFN: 67565 - Application #: 0868/22/TOR

Report Prepared by: Brooke Ellison-Wareing, at 437-880-2420, email brooke.ellisonwareing@trca.ca

For information contact: Brooke Ellison-Wareing, at 437-880-2420, email brooke.ellisonwareing@trca.ca

Date: September 26, 2022

CITY OF TORONTO

To undertake road resurfacing or reconstruction within an existing roadway along Sheppard Avenue East, from approximately 450 meters east of Malvern Street to Washburn Way, in the City of Toronto (Scarborough Community Council Area), Highland Creek Watershed, as located on property owned by the City of Toronto. The purpose is to complete road re-surfacing and road utility improvements along Sheppard Avenue East from approximately 450 meters east of Malvern Street to Washburn Way in the City of Toronto. No in water works are associated with this project.

CFN: 67444 - Application #: 0800/22/TOR

Report Prepared by: Brooke Ellison-Wareing, at 437-880-2420, email

brooke.ellisonwareing@trca.ca

For information contact: Brooke Ellison-Wareing, at 437-880-2420, email

brooke.ellisonwareing@trca.ca

Date: October 12, 2022

CITY OF TORONTO

To undertake borehole investigations on Beechgrove Drive, approximately 700 meters south of Lawrence Avenue East in the City of Toronto (Scarborough Community Council Area), Highland Creek Watershed, as located on property owned by the City of Toronto. The purpose is to conduct borehole investigations in advance of culvert works located on Beechgrove Drive, approximately 700 meters south of Lawrence Avenue East in the City of Toronto. No in water work is associated with this project.

CFN: 67448 - Application #: 0773/22/TOR

Report Prepared by: Brooke Ellison-Wareing, at 437-880-2420, email

brooke.ellisonwareing@trca.ca

For information contact: Brooke Ellison-Wareing, at 437-880-2420, email

brooke.ellisonwareing@trca.ca

Date: October 21, 2022

ENBRIDGE GAS INC.

To undertake borehole investigations on McCowan Road from approximately 210 metres north of Sheppard Avenue East to approximately 30 metres north of Nugget Avenue, in the City of Toronto (Scarborough Community Council Area), Highland Creek Watershed, as located on property owned by the City of Toronto as per a Franchise Agreement with Enbridge Gas Inc. The purpose is to conduct borehole investigations on McCowan Road, near Nugget Avenue, in the City of Toronto. No in-water work is associated with this project.

CFN: 67560 - Application #: 0830/22/TOR

Report Prepared by: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

For information contact: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

Date: October 11, 2022

Item 10.1

CITY OF TORONTO (TORONTO AND EAST YORK COMMUNITY COUNCIL AREA)

ENBRIDGE GAS INC.

To undertake sewer, watermain or utility installation or maintenance within an existing roadway at 5 Brule Crescent, in the City of Toronto (Toronto and East York Community Council Area), Humber River Watershed, as located on property owned by a private landowner whom Enbridge Gas Inc. is providing service at their request and on property owned by the City of Toronto as per a Franchise Agreement with Enbridge Gas Inc. The purpose is to install an NPS 1 PE IP gas pipeline at 5 Brule Crescent, in the City of Toronto. No in-water work is associated with this project.

CFN: 67895 - Application #: 1187/22/TOR

Report Prepared by: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

For information contact: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

Date: October 11, 2022

ROGERS COMMUNICATIONS CANADA INC.

To undertake sewer, watermain or utility installation or maintenance within an existing roadway along Douglas Drive and Standish Avenue, located west of Bayview Avenue, in the City of Toronto (Toronto and East York Community Council Area), Don River Watershed, as located on property owned by the City of Toronto. The purpose is to install communication conduits along Douglas Drive and Standish Avenue, located west of Bayview Avenue, in the City of Toronto. No in-water work is associated with this project.

CFN: 67264 - Application #: 0675/22/TOR

Report Prepared by: Madison Antonangeli, at 437-880-2394, email madison.antonangeli@trca.ca

For information contact: Madison Antonangeli, at 437-880-2394, email madison.antonangeli@trca.ca

Date: October 12, 2022

CITY OF VAUGHAN

ALECTRA UTILITIES CORP.

To undertake utility pole installation on the south side of 11770 Keele Street and north side of 11840 Keele Street, in the City of Vaughan, Humber River Watershed as located on private landowners with permanent easement received by the Metrolinx and easement granted to Alectra Utilities Corporation by private landowners. The purpose is to undertake removal and installation of utility poles and anchors on the south side of 11770 Keele Street and north side of 11840 Keele Street near GO Transit, in the City of Vaughan. No in-water works are within the scope of this project.

CFN: 64380 - Application #: 0073/21/VAUG

Report Prepared by: Nasim Shakouri, at 437-880-2427, email nasim.shakouri@trca.ca

For information contact: Nasim Shakouri, at 437-880-2427, email nasim.shakouri@trca.ca

Date: October 20, 2022

Item 10.1

ALECTRA UTILITIES CORP.

To undertake sewer, watermain or utility installation or maintenance within an existing roadway and undertake utility pole installation on Weston Road and Aviva Park Drive, in the City of Vaughan, Humber River Watershed as located on property owned by the City of Vaughan. The purpose is to undertake installation of 3x100 mm conduit on Aviva Park Drive, near Weston Road, in the City of Vaughan. The proposed scope of work also includes installation of one hydro pole with anchors on Aviva Park Drive. No in-water works are associated with this project.

CFN: 66297 - Application #: 1121/22/VAUG

**Report Prepared by: George Tsourounis, at 437-880-2472, email
george.tsourounis@trca.ca**

**For information contact: George Tsourounis, at 437-880-2472, email
george.tsourounis@trca.ca**

Date: October 26, 2022

BELL CANADA

To undertake sewer and watermain or utility watercourse crossing by trenchless technology on Major Mackenzie Drive West near Timber Creek Boulevard, in the City of Vaughan, Humber River Watershed as located on property owned by the Regional Municipality of York. The purpose is to undertake installation of Bell conduit and devices on the south side of the proposed Major Mackenzie Drive West, near Timber Creek Boulevard, in the City of Vaughan. No in-water works are associated with this project.

CFN: 63785 - Application #: 0917/20/VAUG

**Report Prepared by: George Tsourounis, at 437-880-2472, email
george.tsourounis@trca.ca**

**For information contact: George Tsourounis, at 437-880-2472, email
george.tsourounis@trca.ca**

Date: October 26, 2022

BELL CANADA

To undertake sewer and watermain or utility installation or maintenance within an existing roadway on Rutherford Road between Highway 27 and Simmons Street, in the City of Vaughan, Humber River Watershed as located on property owned by the Regional Municipality of York. The purpose is to undertake installation of down guys and anchors on existing hydro poles within the road right-of-way (ROW) of Rutherford Road between Highway 27 and Simmons Street, in the City of Vaughan. No in-water works are associated with this project.

CFN: 67711 - Application #: 1058/22/VAUG

**Report Prepared by: George Tsourounis, at 437-880-2472, email
george.tsourounis@trca.ca**

**For information contact: George Tsourounis, at 437-880-2472, email
george.tsourounis@trca.ca**

Date: October 24, 2022

ENBRIDGE GAS INC.

To undertake sewer, watermain or utility installation or maintenance within an existing roadway along the east side of Keele Street and at 12370 Keele Street, in the City of Vaughan and Township of King, Humber River Watershed, as located on property owned by a private landowner whom Enbridge Gas Inc. is providing service at their request and on property owned by the Regional Municipality of York as per a Franchise Agreement with Enbridge Gas Inc. The purpose is to install a new NPS 4 PE IP gas pipeline along Keele Street and a new NPS 2 PE IP at 12370 Keele Street, in the City of Vaughan and Township of King. No in-water work is associated with this project.

CFN: 67863 - Application #: 1115/22/VAUG

Report Prepared by: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

For information contact: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

Date: October 26, 2022

YORK TELECOM NETWORK INC.

To undertake sewer and watermain or utility watercourse crossing by trenchless technology on Jane Street, north of Steeles Avenue West, in the City of Vaughan, Humber River Watershed as located on property owned by the Regional Municipality of York. The purpose is to undertake installation of a 2 x 7 way conduit on the west side of Jane Street, north of Steeles Avenue West, in the City of Vaughan. The proposed conduit will cross below a culvert, approximately 620 m north of Steeles Avenue West. No in-water works are associated with this project.

CFN: 67568 - Application #: 0890/22/VAUG

Report Prepared by: George Tsourounis, at 437-880-2472, email george.tsourounis@trca.ca

For information contact: George Tsourounis, at 437-880-2472, email george.tsourounis@trca.ca

Date: September 23, 2022

YORK TELECOM NETWORK INC.

To undertake sewer and watermain or utility watercourse crossing by trenchless technology along Teston Road, between Jane Street and St. Joan of Arc Avenue, in the City of Vaughan, Don River Watershed as located on property owned by the Regional Municipality of York. The purpose is to undertake installation of 2 x 7 way conduit on Teston Road, between Jane Street and St. Joan of Arc Avenue, in the City of Vaughan. The proposed project also includes installations of 30" x 48" x 36" and 30" x 48" x 24" Yorknet vaults on Teston Road, east of Jane Street. The proposed conduit will cross below a headwater drainage feature, approximately 173 m west of Cranston Park Avenue, and a watercourse, approximately 20 m north of Cranston Park Avenue. No in-water works are associated with this project.

CFN: 67682 - Application #: 0948/22/VAUG

Report Prepared by: George Tsourounis, at 437-880-2472, email george.tsourounis@trca.ca

For information contact: George Tsourounis, at 437-880-2472, email george.tsourounis@trca.ca

Date: September 27, 2022

TOWN OF AJAX

TOWN OF AJAX

To undertake road/pathway resurfacing or reconstruction on the Trans Canada Trail located immediately east of Church Street, south of Highway 401, in the Town of Ajax, Duffins Creek Watershed as located on the property owned by the Town of Ajax. The purpose is to undertake emergency repair works on the Trans Canada Trail located immediately east of Church Street, south of Highway 401, in the Town of Ajax. This permit is in accordance with the TRCA Permission for Emergency Infrastructure Works Review Protocol (Authority Res. #A105/15). No in-water works are associated with this project.

CFN: 65173 - Application #: 0691/21/AJAX

Report Prepared by: Caroline Mugo, at 437-880-2390, email caroline.mugo@trca.ca

For information contact: Caroline Mugo, at 437-880-2390, email caroline.mugo@trca.ca

Date: October 27, 2022

TOWN OF CALEDON

BELL CANADA

To undertake sewer and watermain or utility installation or maintenance within an existing roadway on Cedar Mills Crescent, Walton Drive, Palmer Circle, Scott Road, Mount Hope Road, McBride Court, Old Church Road, Cedar Allan Place, Overlook Ridge, Johnson Bush Road, Wolf Crescent and Robb Road, in the Town of Caledon, Humber River Watershed as located on property owned by the Town of Caledon. The purpose is to undertake the installation of 2 & 7-way multi-duct conduits and a high-density polyethylene (HDPE) conduit on Cedar Mills Crescent, Walton Drive, Palmer Circle, Scott Road, Mount Hope Road, McBride Court, Old Church Road, Cedar Allan Place, Overlook Ridge, Johnson Bush Road, Wolf Crescent and Robb Road, in the Town of Caledon. No in-water works are within the scope of the project.

CFN: 65726 - Application #: 1095/21/CAL

Report Prepared by: Allison Donnelly, at 437-880-2474, email allison.donnelly@trca.ca

For information contact: Allison Donnelly, at 437-880-2474, email allison.donnelly@trca.ca

Date: October 14, 2022

ENBRIDGE GAS INC.

To undertake sewer, watermain or utility installation or maintenance within an existing roadway along the north side of Mount Wolfe Road, approximately 190 metres south of Clover Meadow Court, in the Town of Caledon, Humber River Watershed, as located on property owned by the Town of Caledon as per a Franchise Agreement with Enbridge Gas Inc. The purpose is to install a 200 metre NPS 2 PE IP gas pipeline along the north side of Mount Wolfe Road, approximately 190 metres south of Clover Meadow Court, in the Town of Caledon. No in-water work is associated with this project.

CFN: 67588 - Application #: 0921/22/CAL

Report Prepared by: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

For information contact: Aliyah Khan, at 437-880-2387, email aliyah.khan@trca.ca

Date: September 23, 2022

MINOR WORKS LETTER OF APPROVAL FOR RECEIPT – STAFF APPROVED AND ISSUED

Permission for Minor Works Letter of Approval are issued for works located within a regulated area, adjacent to a natural feature or natural hazard, that do not affect the control of flooding, erosion, dynamic beaches, pollution or the conservation of land. Permissions include ancillary structures such as decks, garages, sheds, pools and minor fill placement/landscaping.

CITY OF BRAMPTON

8 EVERLASTING COURT

To construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) on Lot 104, Plan M1865, (8 Everlasting Court), in the City of Brampton, Humber River Watershed.

CFN: 67779 - Application #: 1179/22/BRAM

Report Prepared by: Marina Janakovic, at 437-880-2368, email marina.janakovic@trca.ca

For information contact: Colleen Bonner, at 437-880-1939, email colleen.bonner@trca.ca

Date: September 27, 2022

CITY OF MARKHAM

4250 19TH AVENUE

To undertake minor landscaping involving the placement - removal or regrading of material of less than 30 cubic metres (equivalent to 3 truckloads) on Part Lot 31, Concession 5, (4250 19th Avenue), in the City of Markham, Rouge River Watershed.

CFN: 67213 - Application #: 0851/22/MARK

Report Prepared by: Joshua Lacaria, at 437-880-2347, email joshua.lacaria@trca.ca

For information contact: Michelle Bates, at 437-880-2287, email michelle.bates@trca.ca

Date: October 11, 2022

30 DALMENY ROAD

To construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) on Lot 27, Concession 1 EYS, (30 Dalmeny Road), in the City of Markham, Don River Watershed.

CFN: 67946 - Application #: 1248/22/MARK

Report Prepared by: Joshua Lacaria, at 437-880-2347, email joshua.lacaria@trca.ca

For information contact: Michelle Bates, at 437-880-2287, email michelle.bates@trca.ca

Date: October 13, 2022

Item 10.1

CITY OF TORONTO (ETOBICOKE YORK COMMUNITY COUNCIL AREA)

117 RIVERHEAD DRIVE

To undertake minor landscaping involving the placement, removal or regrading of material of less than 30 cubic metres (equivalent to 3 truckloads) and construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) on Lot 62, Plan M-673, (117 Riverhead Drive), in the City of Toronto (Etobicoke York Community Council Area), Humber River Watershed.

CFN: 67745 - Application #: 1133/22/TOR

Report Prepared by: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

For information contact: Nicole Moxley, at 437-880-2418, email nicole.moxley@trca.ca

Date: September 29, 2022

CITY OF TORONTO (NORTH YORK COMMUNITY COUNCIL AREA)

187 SHERWOOD AVENUE, UNIT B

To change the use, size, or number of dwelling units of a structure, or undertake work that does not change the footprint of the existing structure on Lot 33, Plan 776-Y, (187 Sherwood Avenue, Unit B), in the City of Toronto (North York Community Council Area), Don River Watershed.

CFN: 67093 - Application #: 0580/22/TOR

Report Prepared by: Terina Tam, at 437-880-2421, email terina.tam@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: October 6, 2022

CITY OF TORONTO (SCARBOROUGH COMMUNITY COUNCIL AREA)

CITY OF TORONTO

To undertake minor landscaping involving the placement, removal or regrading of material of less than 30 cubic metres (equivalent to 3 truckloads) and construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) on , (23 Bluffers Park), in the City of Toronto (Scarborough Community Council Area), Waterfront Watershed as located on the property owned by City of Toronto.

CFN: 67657 - Application #: 1263/22/TOR

Report Prepared by: Heather Rodriguez, at 437-880-2415, email heather.rodriguez@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: October 18, 2022

8 CAMERON WATSON CRESCENT

To undertake minor landscaping involving the placement, removal or regrading of material of less than 30 cubic metres (equivalent to 3 truckloads) and construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) on Lot 8, Plan 66M-2538, (8 Cameron Watson Crescent), in the City of Toronto (Scarborough Community Council Area), Highland Creek Watershed.

CFN: 68002 - Application #: 1201/22/TOR

Report Prepared by: Heather Rodriguez, at 437-880-2415, email heather.rodriguez@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: October 13, 2022

CITY OF VAUGHAN

147 VAUGHAN MILL ROAD

To construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) on Lot 7,147 Vaughan Mill Road, in the City of Vaughan, Humber River Watershed.

CFN: 67831 - Application #: 1195/22/VAUG

Report Prepared by: Hamedeh Razavi, at 437-880-1940, email hamedeh.razavi@trca.ca

For information contact: Stephen Bohan, at 437-880-1944, email stephen.bohan@trca.ca

Date: October 5, 2022

106 ENDLESS CIRCLE

To construct a sports court and pool equipment pad on Part Lot 30, Concession 9,106 Endless Circle, in the City of Vaughan, Humber River Watershed.

CFN: 67799 - Application #: 1284/22/VAUG

Report Prepared by: Kristen Regier, at 437-880-2129 , email kristen.regier@trca.ca

For information contact: Stephen Bohan, at 437-880-1944, email stephen.bohan@trca.ca

Date: October 21, 2022

23 VALLEYVIEW COURT

To install a septic tank at Part Lot 23, Concession 8, 23 Valleyview Court, in the City of Vaughan, Humber River Watershed.

CFN: 67839 - Application #: 1243/22/VAUG

Report Prepared by: Hamedeh Razavi, at 437-880-1940, email hamedeh.razavi@trca.ca

For information contact: Stephen Bohan, at 437-880-1944, email stephen.bohan@trca.ca

Date: October 17, 2022

Item 10.1

100 JULIA VALENTINA AVENUE

To install a swimming pool on Lot 7, Plan 65M-3750, 100 Julia Valentina Avenue, in the City of Vaughan, Humber River Watershed.

CFN: 67836 - Application #: 1238/22/VAUG

Report Prepared by: Kristen Regier, at 437-880-2129 , email kristen.regier@trca.ca

For information contact: Stephen Bohan, at 437-880-1944, email stephen.bohan@trca.ca

Date: October 31, 2022

9 LACROSSE TRAIL

To install a swimming pool on Lot 58, Plan 65M-4558, 9 Lacrosse Trail, in the City of Vaughan, Humber River Watershed.

CFN: 67835 - Application #: 1235/22/VAUG

Report Prepared by: Kristen Regier, at 437-880-2129 , email kristen.regier@trca.ca

For information contact: Stephen Bohan, at 437-880-1944, email stephen.bohan@trca.ca

Date: October 11, 2022

85 ALISTAIR CRESCENT

To install a swimming pool on Part Lot 24, Concession 9, 85 Alistair Crescent, in the City of Vaughan, Humber River Watershed.

CFN: 67824 - Application #: 1158/22/VAUG

Report Prepared by: Hamedeh Razavi, at 437-880-1940, email hamedeh.razavi@trca.ca

For information contact: Stephen Bohan, at 437-880-1944, email stephen.bohan@trca.ca

Date: September 23, 2022

109 LADY NADIA DRIVE

To undertake minor landscaping involving the placement, removal or regrading of material of less than 30 cubic metres (equivalent to 3 truckloads) and construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) on Part Lot 24, Concession 2, 109 Lady Nadia Drive, in the City of Vaughan, Don River Watershed.

CFN: 67811 - Application #: 1128/22/VAUG

Report Prepared by: Hamedeh Razavi, at 437-880-1940, email hamedeh.razavi@trca.ca

For information contact: Hamedeh Razavi, at 437-880-1940, email

hamedeh.razavi@trca.ca

Date: September 20, 2022

TOWN OF CALEDON

7106 OLD CHURCH ROAD

To undertake minor landscaping involving the placement, removal or regrading of material of less than 30 cubic metres (equivalent to 3 truckloads) on West Half Lot 21, Concession 3 ALBION Part 1 Plan 43R3318, (7106 Old Church Road), in the Town of Caledon, Humber River Watershed.

CFN: 68128 - Application #: 1288/22/CAL

Report Prepared by: Marina Janakovic, at 437-880-2368, email marina.janakovic@trca.ca

For information contact: Nick Cascone, at 437-880-1943, email nick.cascone@trca.ca

Date: October 25, 2022

119 CONNAUGHT CRESCENT

To install a swimming pool on Part 1 Plan 43R-1086, Part Lot 75, Plan C-12, (119 Connaught Crescent), in the Town of Caledon, Humber River Watershed.

CFN: 67783 - Application #: 1163/22/CAL

Report Prepared by: Marina Janakovic, at 437-880-2368, email marina.janakovic@trca.ca

For information contact: Colleen Bonner, at 437-880-1939, email colleen.bonner@trca.ca

Date: September 26, 2022

4700 KING STREET

To undertake minor landscaping involving the placement, removal or regrading of material of less than 30 cubic metres (equivalent to 3 truckloads) on Part Lot 28, Concession 4 EHS, (4700 King Street), in the Town of Caledon, Humber River Watershed.

CFN: 67794 - Application #: 1277/22/CAL

Report Prepared by: Marina Janakovic, at 437-880-2368, email marina.janakovic@trca.ca

For information contact: Nick Cascone, at 437-880-1943, email nick.cascone@trca.ca

Date: October 21, 2022

PERMITS AFTER THE FACT / RESOLUTION OF VIOLATIONS FOR RECEIPT – STAFF APPROVED AND ISSUED

Permission for works undertaken without the benefit of a TRCA permit in a regulated area, where such works comply with TRCA policies and procedures, are considered permits after the fact and subject to an additional administrative fee.

CITY OF MARKHAM

16 SOUTHDALE DRIVE - Rouge River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Rouge River Watershed to recognize a front porch and a carport previously constructed without a permit from TRCA at 16 Southdale Drive in the City of Markham.

CFN: 67940 - Application #: 1144/22/MARK

Report Prepared by: Joshua Lacaria, at 437-880-2347, email joshua.lacaria@trca.ca

For information contact: Michelle Bates, at 437-880-2287, email michelle.bates@trca.ca

Date: October 11, 2022

CITY OF TORONTO (NORTH YORK COMMUNITY COUNCIL AREA)

1 BRIDLE HEATH GATE - Don River Watershed

The purpose is to re-grade an existing valley slope and construct a retaining wall at the rear (east) of the single-family dwelling located at 1 Bridle Heath Gate in the City of Toronto (North York Community Council Area).

CFN: 61651 - Application #: 0584/19/TOR

Report Prepared by: Stephanie Dore, at 437-880-2469, email stephanie.dore@trca.ca

For information contact: Stephanie Dore, at 437-880-2469, email stephanie.dore@trca.ca

Date: October 25, 2022

87 CITATION DRIVE - Don River Watershed

The purpose is to legalize and permit continuation of construction works associated with the proposed second storey, front and rear additions with rear deck at 87 Citation Drive in the City of Toronto (North York Community Council Area).

CFN: 67285 - Application #: 0670/22/TOR

Report Prepared by: Anna Lim, at 437-880-2413, email anna.lim@trca.ca

For information contact: Mark Rapus, at 437-880-2417, email mark.rapus@trca.ca

Date: September 22, 2022

Report prepared by: Grace Conte

Email: grace.conte@trca.ca

For Information contact: Grace Conte (437) 880-2414

Email: grace.conte@trca.ca

Date: November 1, 2022