

Executive Committee Meeting #6/19 was held at TRCA Head Office, on Friday, July 5, 2019. The Chair, Jennifer Innis, called the meeting to order at 9:30 a.m.

PRESENT

Jennifer Innis	Chair
Jack Heath	Vice-Chair
Paul Ainslie	Member
Ronald Chopowick	Member
Vincent Crisanti	Member
Dipika Damerla	Member
Joanne Dies	Member
Jennifer Drake	Member
Gordon Highet	Member
Linda Jackson	Member
Mike Mattos	Member
Anthony Perruzza (<i>via teleconference</i>)	Member

The Chair recited the Acknowledgement of Indigenous Territory.

RES.#B81/19 - MINUTES

Moved by: Dipika Damerla
Seconded by: Ronald Chopowick

THAT the Executive Committee approves the minutes of meeting #5/19, held on June 7, 2019.

CARRIED

Section I – Items for Board of Directors Action

RES.#B82/19 -

REQUEST FOR TENDER FOR ASHBRIDGES BAY TREATMENT PLANT LANDFORM PROJECT – CONSTRUCTION OF EAST AND CENTRAL BREAKWATERS

Award of Request for Tender (RFT) No. 10021138 for Construction of the East and Central Breakwaters as part of the Ashbridge's Bay Treatment Plant Landform Project.

Moved by: Linda Jackson
Seconded by: Gord Highet

WHEREAS Toronto and Region Conservation Authority (TRCA) is engaged in a project that requires marine based general contracting services;

AND WHEREAS TRCA solicited tenders through a publicly advertised process;

THEREFORE THE EXECUTIVE COMMITTEE RECOMMENDS THAT Request for Tender (RFT) No. 10021138 for Construction of the East and Central Breakwaters be awarded to H.R. Doornekamp Construction Ltd. at a total cost not to exceed \$27,363,894 plus applicable taxes, to be expended as authorized by Toronto and Region Conservation Authority (TRCA) staff;

THAT TRCA staff be authorized to approve additional expenditures to a maximum of \$2,736,389 (10% of the project cost), plus applicable taxes, in excess of the contract cost as a contingency allowance if deemed necessary;

THAT should TRCA staff be unable to negotiate a contract with the above-mentioned proponent, staff be authorized to enter into and conclude contract negotiations with other Proponents that submitted quotations, beginning with the next lowest bid meeting TRCA specifications;

AND FURTHER 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.

CARRIED

BACKGROUND

On May 2, 2012, TRCA was notified of the Toronto Council decision on April 10 and 11, 2012 to direct Toronto Water to enter into a joint initiative with TRCA to lead an Environmental Assessment Study that considers a landform south of the Ashbridge's Bay Wastewater Treatment Plant, to provide for the construction of the Coatsworth Cut stormwater treatment wetland and combined sewer overflow high-rate treatment facility, and that integrates these projects with other projects planned for the area.

At Authority Meeting #5/12, held on June 22, 2012, RES.#A96/12 provided staff direction to lead the Environmental Assessment Study, in collaboration with Toronto Water, Parks, Forestry and Recreation, Toronto Waterfront Secretariat, and Toronto Waterfront Revitalization Corporation. TRCA then proceeded to undertake a Conservation Ontario Class Environmental Assessment (Class EA) to support the advancement of the project, resulting in the study entitled "Ashbridge's Bay Erosion and Sediment Control Project – Conservation Ontario Class EA".

This Class EA study identified a preferred alternative that consists of erosion and sediment control structures that integrate with the lakefill area required for the City's planned facilities and provides a long-term solution to address the sedimentation issue with the Coatsworth Cut navigation channel which TRCA currently maintains through a \$250,000 per year dredging program.

In June 2014, Toronto City Council authorized the finalization of the Environmental Study Report for the Class EA and authorized Toronto Water to undertake the detailed design of the Ashbridge's Bay Treatment Plant Landform Project as a joint initiative to be led by TRCA. In 2017, TRCA coordinated the detailed design for the Ashbridge's Bay Treatment Plant Landform, incorporating the approved design concepts as outlined in the City of Toronto's Coatsworth Cut and Don River and Central Waterfront EAs and TRCA's Ashbridge's Bay Erosion and Sediment Control EA. The detailed design process was completed in 2018. Permits/authorizations have been submitted to Transport Canada and Department of Fisheries and Oceans. Once these are approved a Harbour Master Authorization application will be submitted to Ports Toronto (July 2019).

The final design of the Ashbridges Bay Treatment Plant Landform Project consists of approximately 27 ha of new land (lakefill) and is composed three distinct elements:

- a 16.4 ha land base protected by an armour stone headland-cobble beach system and a rip rap revetment;
- a 710 m long central breakwater, constructed from the west side of Coatsworth Cut; and
- a smaller 100 m long east breakwater, constructed from the southernmost headland of Ashbridges Bay Park.

Given the scope of the Landform Project, an estimated five to six-year phased approach is required to construct the works commencing in 2019. The phases are as follows and depicted in the map included as Attachment 1:

- Phase 1 – Construction of the Cell 1 confinement berm for the land base, filling of Cell 1, and construction of the headland-beach system and submerged shoals associated with Cell 1
- Phase 2 – Construction of the east breakwater
- Phase 3 – Construction of the Cell 2 confinement berm for the land base, filling of Cell 2, and construction of the headland-beach system and submerged shoals associated with Cell 2
- Phase 4 – Construction of the central breakwater
- Phase 5 – Construction of the Cell 3 confinement berm (revetment) for the land base and filling of Cell 3

Construction of the central and east breakwaters will be contracted out and the supply and placement of the required rip rap and armourstone will be by barge. This method was chosen because of site access limitations. For the east breakwater this method will also minimize impacts to Ashbridges Bay Park users. The central and east breakwater in tandem will provide a long-term solution to address the sedimentation issue within the Coatsworth Cut Navigation channel and alleviate annual dredging costs.

As the east breakwater provides requisite protection to the central breakwater and the eastern portion of the land base, it will be constructed first. Construction of the eastern breakwater is anticipated to take one construction season and is scheduled to run from August 1st, 2019 to December 31st, 2020.

Because of its length, and difficulty in winter barge construction, the central breakwater has been divided into three construction seasons with three separate mobilizations and demobilizations. Construction will be undertaken between July 1st, 2020 to December 31st, 2022.

RATIONALE

At Board of Directors meeting #4/19, held on April 26, 2019, RES.#A58/19 provided staff with direction to negotiate and enter into and execute one or more service agreements with the City of Toronto to construct the Ashbridges Bay Treatment Plant Landform. TRCA is currently working with Toronto Water to finalize an interim letter agreement and licence agreement for pre-construction planning and mobilization. Circulation of the draft implementation agreement for TRCA is pending.

TRCA has undertaken the necessary pre-planning procurement to put the project in a position to move forward with construction upon execution of the implementation agreement with the City of Toronto. Request for Pre-Qualification (RFPQ) statements for general contractors to pre-qualify for construction services for the central and east breakwater was publicly advertised on the electronic procurement website *Biddingo* (www.biddingo.com) on March 7, 2019. General contractors interested in pre-qualifying were advised that the criteria for evaluation will include the following in order to receive a tender package:

- completeness of submission;
- past experience with construction within environmentally sensitive areas;
- construction of similar erosion control works;
- experience with installation and maintenance of erosion and sediment control measures;
- shoreline protection works;
- habitat enhancement and regeneration projects;
- waterfront development projects;
- ability to meet construction schedule milestones;
- ability to coordinate work by others;
- implementation of construction projects with budgets ranging between \$10,000,000 to \$25,000,000;
- experience working on Lake Ontario or similar sized water bodies; and
- familiarity with relevant environmental legislation and procedures relating to construction within environmentally sensitive areas, watercourses and within TRCA's jurisdiction.

A total of five (5) addendums were issued to respond to questions received.

On March 29, 2019, TRCA received pre-qualification submissions from the following eleven (11) general contractors:

- Atlantis Marine Construction Canada Inc.;
- Clearway Construction Inc.;
- CSL Group;
- Dean Construction Company Ltd.;
- Doornekamp Construction Ltd.;
- EBC Inc.;
- EllisDon Civil Ltd.;
- Galcon Marine Ltd.;
- Graham Construction and engineering LP;
- McNally Construction Inc.; and
- Metric Contracting Services Corp.

Following receipt of the submissions, pre-qualifying documents were reviewed by the selection committee made up of TRCA staff. Evaluations were based on the criteria defined above. Based on the evaluation process, Request for Tender (RFT) documents were made available on May 22, 2019 to the following eight (8) general contractors:

- Atlantis Marine Construction Canada Inc.;
- Dean Construction;
- Doornekamp Construction Ltd.;
- EllisDon Civil Ltd.;
- Galcon Marine Ltd.;
- Graham Construction and engineering LP;
- McNally Construction; and
- Metric Contracting Services Corp.

A mandatory bidders meeting/site tour was held on May 28, 2019. The RFT closed on June 21, 2019.

A total of five (5) addendums were issued to respond to questions received.

A total of four (4) proponent(s) declined the opportunity to bid due to current workload and inability to take on additional work.

The Procurement Opening Committee opened the Tenders on June 17, 2019 at 1:00 pm with the following results:

RFT No. 10021138

BIDDERS	TOTAL TENDER AMOUNT (excl. HST)
H.R. Doornekamp Construction Ltd.	\$27,363,894
McNally Construction Incorporated	\$32,934,670
Atlantis Marine Construction Canada Inc.	\$38,741,868
Dean Construction Company Ltd.	\$62,765,880

Staff reviewed the bid received from H.R. Doornekamp Construction Ltd. against its own cost estimate and has determined that the bid is of reasonable value and meets the requirements as outlined in the RFT documents. Further assessment by TRCA staff of H.R. Doornekamp Construction Ltd. Experience and ability to undertake similar projects was conducted through reference checks which resulted in positive feedback that H.R. Doornekamp Construction Ltd. is capable of undertaking the scope of work.

TRCA staff recommended that contract No. #10021138 be awarded to H.R. Doornekamp Construction Ltd. at a total cost not to exceed \$27,363,894 plus 10% contingency, plus applicable taxes, it being the lowest bid meeting TRCA's specifications.

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

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

Strategy 2 – Manage our regional water resources for current and future generations

Strategy 7 – Build partnerships and new business models

Strategy 12 – Facilitate a region-wide approach to sustainability

FINANCIAL DETAILS

The estimated project cost for construction of the Ashbridges Bay Treatment Plant Landform Project is \$96.0 million net of all applicable taxes (\$97.7 million net of HST recoveries). TRCA will work with the City of Toronto to further refine the implementation budget prior to signing a service agreement to undertake the work. The contract for RFT 10021138 will not be awarded until an implementation agreement is in place with the City of Toronto that will facilitate transfer of funds to TRCA allowing the recovery of all implementation expenses on a cost recovery basis plus an administrative fee (to not exceed 5%). Funds to support the contract for RFT 10021138 will be recovered through the implementation agreement and tracked under account code 183-02.

Report prepared by: Aaron J. D'Souza, extension 5775

Emails: mark.preston@trca.ca

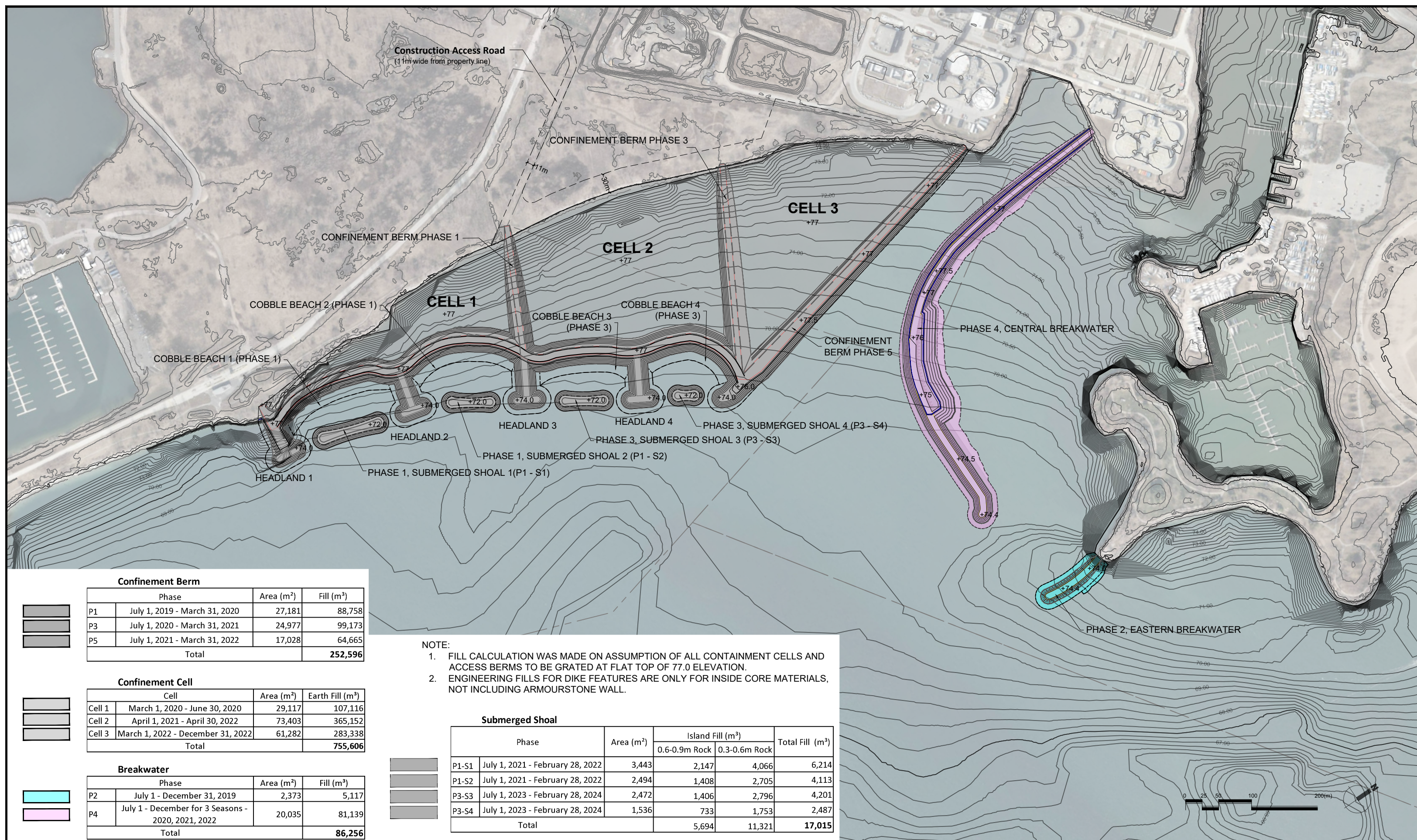
For Information contact: Aaron J. D'Souza, extension 5775 or Mark Preston, extension 5848

Emails: aaron.dsouza@trca.ca

Date: June 24, 2019

Attachments: 1

Attachment 1: Construction Phase Map



Confinement Berm				
Phase		Area (m²)	Fill (m³)	
	P1	July 1, 2019 - March 31, 2020	27,181	88,758
	P3	July 1, 2020 - March 31, 2021	24,977	99,173
	P5	July 1, 2021 - March 31, 2022	17,028	64,665
Total			252,596	

Confinement Cell			
Cell		Area (m²)	Earth Fill (m³)
Cell 1	March 1, 2020 - June 30, 2020	29,117	107,116
Cell 2	April 1, 2021 - April 30, 2022	73,403	365,152
Cell 3	March 1, 2022 - December 31, 2022	61,282	283,338
Total			755,606

Breakwater			
Phase		Area (m²)	Fill (m³)
P2	July 1 - December 31, 2019	2,373	5,117
P4	July 1 - December for 3 Seasons - 2020, 2021, 2022	20,035	81,139
Total			86,256

NOTE:

1. FILL CALCULATION WAS MADE ON ASSUMPTION OF ALL CONTAINMENT CELLS AND ACCESS BERMS TO BE GRATED AT FLAT TOP OF 77.0 ELEVATION.
2. ENGINEERING FILLS FOR DIKE FEATURES ARE ONLY FOR INSIDE CORE MATERIALS NOT INCLUDING ARMOURSTONE WALL.

Submerged Shoal					
Phase		Area (m²)	Island Fill (m³)		Total Fill (m³)
			0.6-0.9m Rock	0.3-0.6m Rock	
P1-S1	July 1, 2021 - February 28, 2022	3,443	2,147	4,066	6,214
P1-S2	July 1, 2021 - February 28, 2022	2,494	1,408	2,705	4,113
P3-S3	July 1, 2023 - February 28, 2024	2,472	1,406	2,796	4,201
P3-S4	July 1, 2023 - February 28, 2024	1,536	733	1,753	2,487
Total			5,694	11,321	17,015

RES.#B83/19 -

ENCROACHMENT AGREEMENT WITH HEIDI FRANCIS FALCKH

Request to enter into an encroachment agreement with Heidi Francis Falckh as a means of resolving an encroachment for an armour stone retaining wall and wooden deck structure partially located on Toronto and Region Conservation Authority (TRCA) owned land adjacent to 290 Nashville Road, City of Vaughan, Regional Municipality of York, Humber River watershed. CFN 54792

Moved by: Jack Heath
Seconded by: Ronald Chopowick

THE EXECUTIVE COMMITTEE RECOMMENDS THAT Toronto and Region Conservation Authority (TRCA) enter into an encroachment agreement with Heidi Francis Falckh as a means of resolving an encroachment for an armour stone retaining wall and wood deck structure partially located on Toronto and Region Conservation Authority-owned land described as Part 1 on Plan 64R-4108 located adjacent to 290 Nashville Road, City of Vaughan, Regional Municipality of York, Humber River watershed.

THAT the encroachment agreement includes the key following terms and conditions:

- (i) that the use of the land for the encroaching structure be for the nominal sum of \$2.00;**
- (ii) at any time TRCA has the option to request removal of the retaining wall and deck structure and upon request, the owner agrees to do so within 180 days at their sole cost;**
- (iii) that the retaining wall and deck structure is to be maintained by the owner at its sole cost, used in the same manner as present and is not to be enlarged or altered;**
- (iv) that the owner accepts the lands at their risk and shall at all times indemnify, save harmless and defend TRCA from any claims arising out of the encroachment;**
- (v) that the owner will maintain public liability and property damage insurance in an amount of \$5,000,000 naming TRCA as an additional insured, throughout the duration of the agreement;**
- (vi) the owner is responsible for all costs associated with the preparation and registration of the encroachment agreement including TRCA's legal costs.**

THAT any other terms and conditions of the agreement be satisfactory to TRCA staff and solicitor;

AND FURTHER THAT authorized officials be directed to take the necessary action to implement the agreement including obtaining any approvals and the signing and execution of documents.

CARRIED

BACKGROUND

In 2015 an encroachment comprising armour stone retaining walls, a wooden deck structure and safety rail came to the attention of TRCA staff. In September 2015, TRCA staff met with the owner and the owner's spouse and representative, to view the encroachments. The area of concern comprises a number of closely located tiered armour stone retaining walls and a triangular portion of a deck situated on the western boundary that encroaches approximately five metres onto TRCA owned land. These walls retain a significant amount of fill materials,

which are placed at a very steep angle. A section of the lower armour stone retaining wall has encroached onto TRCA owned land.

Based upon geotechnical staff review, the removal of the encroaching portion of the lower retaining wall is not feasible due to the steep slope and significant amount of fill being retained. Removal of the encroaching wall could initiate further movement of the fill materials behind the wall. As the upper retaining walls are connected to the lower retaining walls, it is anticipated that the upper walls would also be vulnerable to failure if there was movement of the existing fill materials caused by removal of the lower wall. It is recommended that the encroaching portion of the wall not be removed to mitigate any further adverse effects to the slope.

Accordingly, the owner has requested that TRCA enter into an agreement as a way of resolving that portion of the encroaching retaining wall and associated deck structure.

The subject TRCA-owned lands were acquired from Humber Estates Co. Ltd., on 22 October 1974 under the Humber River Flood Plain Lands project.

Attachment 1 is a sketch illustrating the location of the subject lands and the location of the encroachment. Attachment 2 is an orthophoto illustrating the location of the subject lands and the location of the encroachment.

RATIONALE

An encroachment agreement will appropriately transfer the risk and liability of the encroaching structures to the owner and regulate its ongoing use, while ensuring that the structure can remain in place and mitigate any adverse effects to the slope.

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 owner is responsible for all costs of the preparation and registration of the encroachment agreement.

Report prepared by: Nadia Wells, extension 5859

Emails: nadia.wells@trca.ca

For Information contact: Nadia Wells, extension 5859

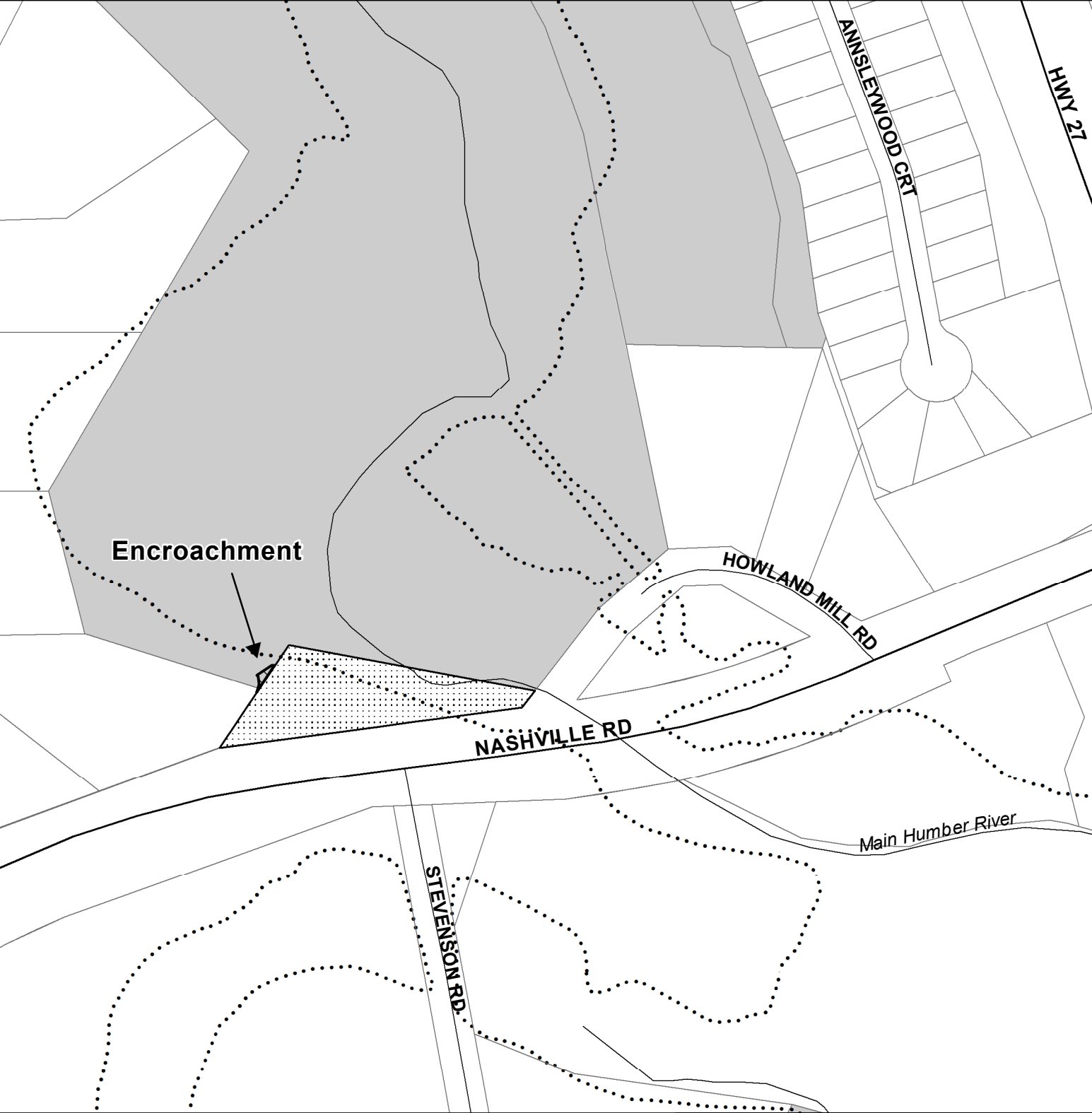
Emails: nadia.wells@trca.ca

Date: June 18, 2019


Attachments: 2


Attachment 1: Site Plan


Attachment 2: Orthophoto





Legend


 Encroachment


 290 Nashville Rd

 Watercourses

 Floodline

 TRCA Property


 Parcel Assessment



Toronto and Region

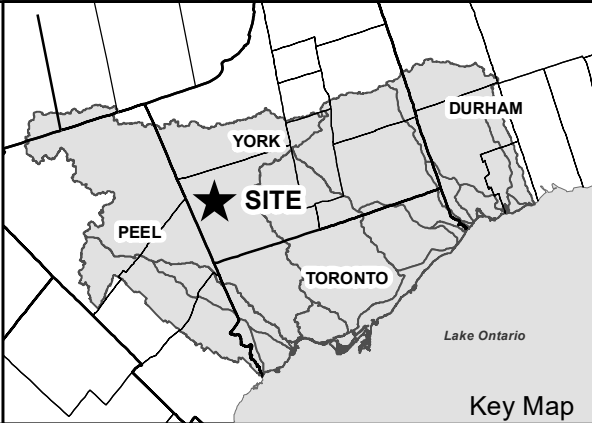
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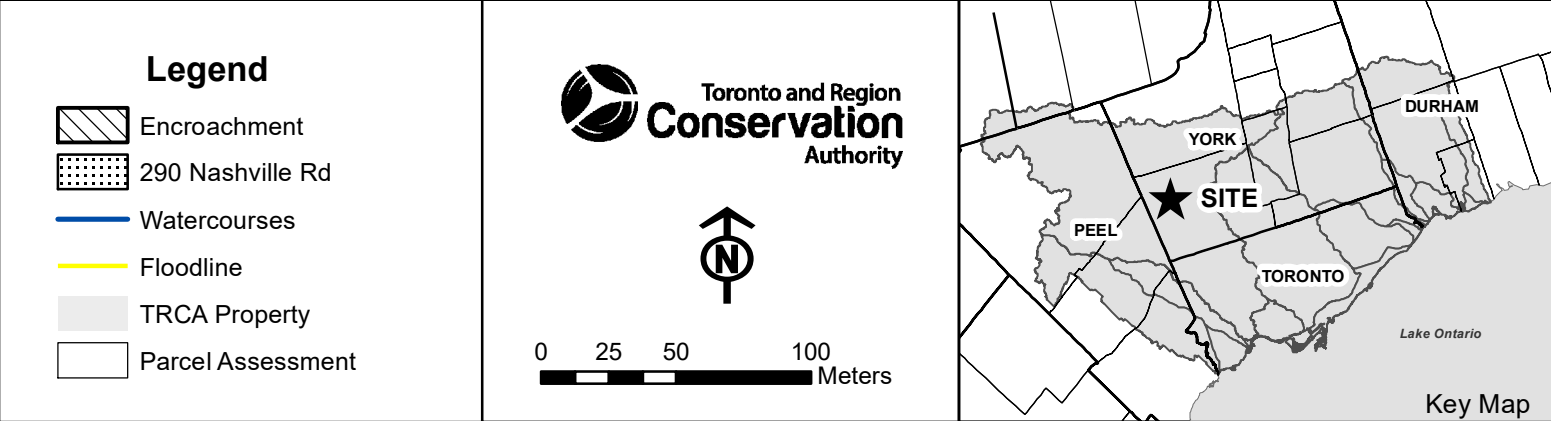
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RES.#B84/19 -

**REQUEST FOR A PERMANENT EASEMENT, DERRYDOWNS PARK
(BETWEEN 267 AND 273 DERRYDOWN ROAD), CITY OF TORONTO,
HUMBER RIVER WATERSHED**

Receipt of a request from the City of Toronto, for a permanent easement on Toronto and Region Conservation Authority-owned lands required for a storm sewer for the City of Toronto's Basement Flooding Protection Program, located south of Finch Avenue West and east of Jane Street, known as Derrydowns Park (between 267 and 273 Derrydown Road), in the City of Toronto, Humber River watershed. (CFN 61735)

Moved by: Joanne Dies
Seconded by: Paul Ainslie

WHEREAS the Toronto and Region Conservation Authority (TRCA) is in receipt of a request from the City of Toronto for a permanent easement on TRCA-owned lands required for a storm sewer for the City of Toronto's Basement Flooding Protection Program, located south of Finch Avenue West and east of Jane Street, known as Derrydowns Park (between 267 and 273 Derrydown Road), in the City of Toronto, Humber River 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 City of Toronto in this instance;

THEREFORE THE EXECUTIVE COMMITTEE RECOMMENDS THAT TRCA grant to the City of Toronto a permanent easement for a storm sewer on TRCA-owned land containing 0.098 hectares (0.242 acres), more or less, of vacant land, cross hatched in yellow on the Toronto Water Sketch Plan dated May 2019, in the City of Toronto;

THAT consideration be the nominal sum of \$2.00 and all legal, survey and other costs to be paid by the City of Toronto;

THAT the City of Toronto 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 said conveyance be subject to informing the Minister of Natural Resources and Forestry in accordance with Section 21(2) of the *Conservation Authorities Act*, R.S.O. 1990, Chapter C.27, as amended;

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.

CARRIED

BACKGROUND

The City of Toronto has requested a permanent easement on TRCA-owned lands, required for a storm sewer for the City of Toronto's Basement Flooding Protection Program, located south of Finch Ave West and east of Jane Street, known as Derrydowns Park (between 267 and 273 Derrydown Road), in the City of Toronto, Humber River watershed.

The subject TRCA-owned lands were acquired for nominal value from the Corporation of the Borough of North York in February 1973 and expropriated from Mary Heinrich in June 1964 under the Humber River Flood Plain Lands project.

Attached is a sketch illustrating the location of the subject lands. Attached is an orthophoto of the location of the subject lands.

RATIONALE

The sewer works have been completed in accordance with a permit under Ontario Regulation 166/06 Permit No. C-151034 dated December 16, 2015 issued by TRCA's Planning and Development department.

City of Toronto has requested that the permanent easement be granted for nominal consideration of \$2.00 for the purposes of the Basement Flooding Protection Program.

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 City of Toronto has agreed to assume all legal, survey and other costs involved in completing this transaction.

Report prepared by: nadia.wells@trca.ca, extension 5859

Emails: nadia.wells@trca.ca

For Information contact: nadia.wells@trca.ca, extension 5859

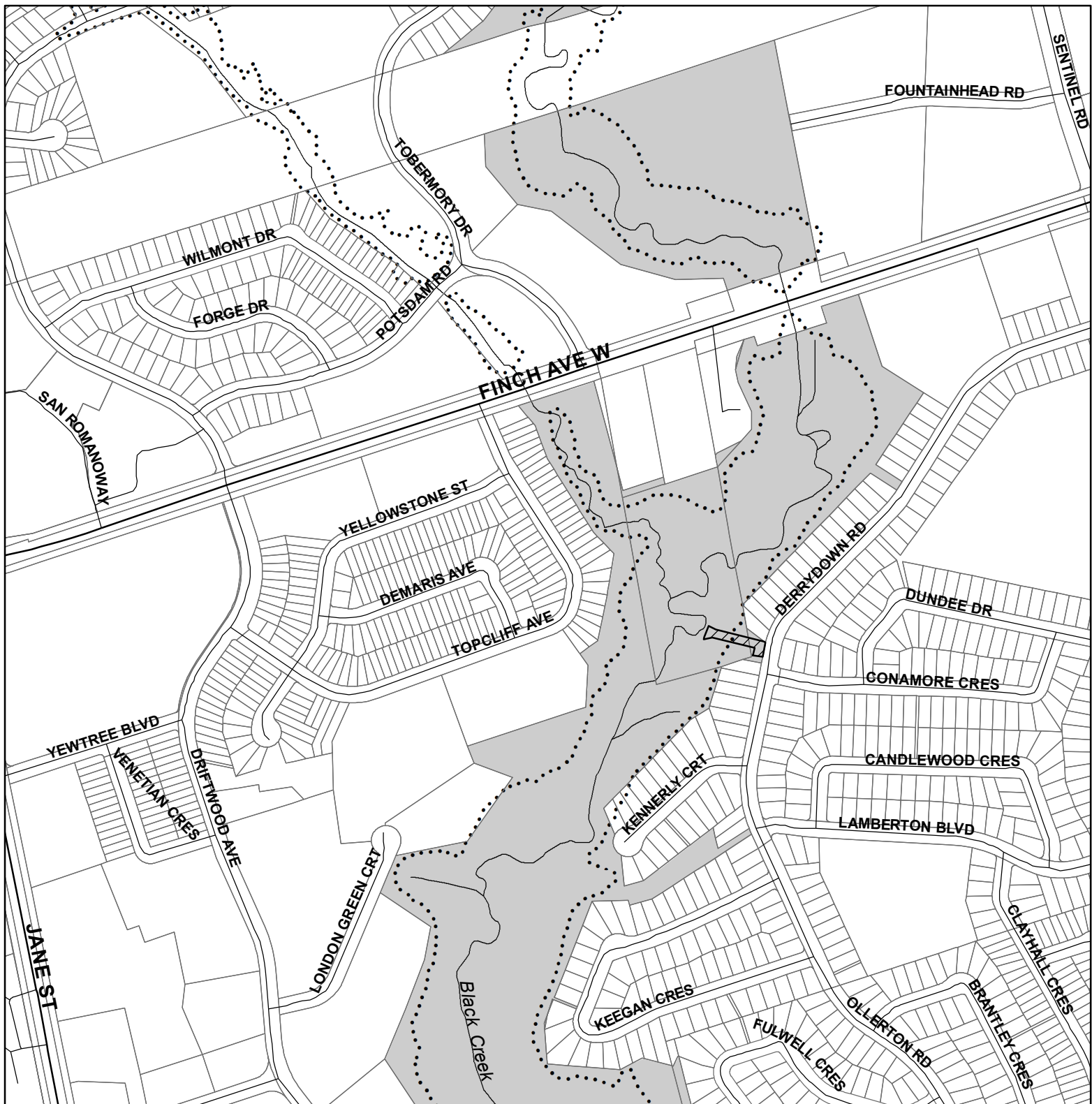
Emails: nadia.wells@trca.ca

Date: 11 June 2019






Attachments: 2

Attachment 1: Site Plan

Attachment 2: Orthophoto



Legend

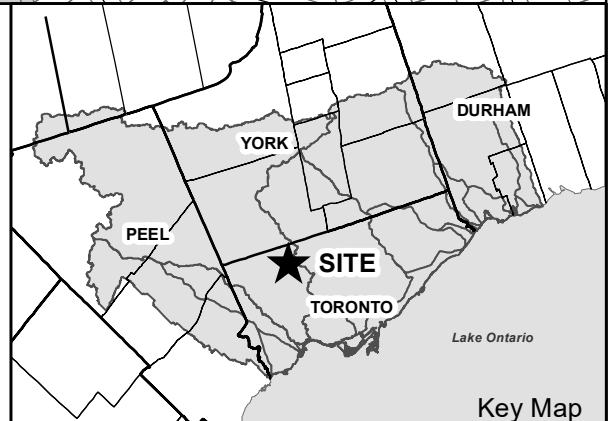
-  Permanent Easement
-  Watercourses
-  Floodline
-  TRCA Property
-  Parcel Assessment



Toronto and Region
Conservation
Authority








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Key Map



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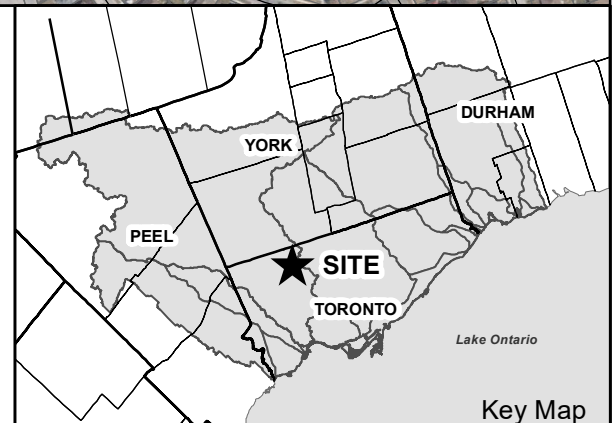
-  Permanent Easement
-  Watercourses
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-  TRCA Property
-  Parcel Assessment



Toronto and Region
Conservation
Authority



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Key Map

RES.#B85/19 -

**REQUEST FOR A PERMANENT EASEMENT ON TORONTO AND
REGION CONSERVATION AUTHORITY-OWNED LANDS,
DERRYDOWNS PARK (BETWEEN 38 AND 44 FULWELL CRESCENT),
CITY OF TORONTO, HUMBER RIVER WATERSHED.**

Receipt of a request from the City of Toronto, for a permanent easement on Toronto and Region Conservation Authority-owned lands for a storm sewer for the City of Toronto's Basement Flooding Protection Program, located south of Finch Avenue West and east of Jane Street, known as Derrydowns Park (between 38 and 44 Fulwell Crescent), in the City of Toronto, Humber River watershed. (CFN 61736)

Moved by: Joanne Dies
Seconded by: Paul Ainslie

WHEREAS the Toronto and Region Conservation Authority (TRCA) is in receipt of a request from the City of Toronto for a permanent easement on TRCA-owned lands located south of Finch Avenue West and east of Jane Street, known as Derrydowns Park (between 38 and 44 Fulwell Crescent), in the City of Toronto, required for a storm sewer for the City of Toronto's Basement Flooding Protection Program, Humber River 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 City of Toronto in this instance;

THEREFORE THE EXECUTIVE COMMITTEE RECOMMENDS THAT TRCA grant to the City of Toronto a permanent easement for a storm sewer on TRCA-owned land containing 0.220 hectares (0.544 acres), more or less, of vacant land, crosshatched in yellow on the Toronto Water Sketch Plan dated May 2019, in the City of Toronto;

THAT consideration be the nominal sum of \$2.00 and all legal, survey and other costs to be paid by the City of Toronto;

THAT the City of Toronto 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 said conveyance be subject to informing the Minister of Natural Resources and Forestry in accordance with Section 21(2) of the *Conservation Authorities Act*, R.S.O. 1990, Chapter C.27, as amended;

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.

CARRIED

BACKGROUND

The City of Toronto has requested a permanent easement on TRCA-owned lands, required for a storm sewer for the City of Toronto's Basement Flooding Protection Program, located south of Finch Ave West and east of Jane Street, known as Derrydowns Park (between 38 and 44 Fulwell Crescent), in the City of Toronto, Humber River watershed.

The subject TRCA-owned lands were acquired for nominal value from the Corporation of the Borough of North York, in June 1973 and from expropriated from Greenwin Construction and Revenue Properties Central Development in 1966 under the Humber River Flood Plain Lands project.

Attached is a sketch illustrating the location of the subject lands. Attached is an orthophoto of the location of the subject lands.

RATIONALE

The sewer works have been completed in accordance with a permit under Ontario Regulation 166/06 Permit No. C-140812 dated November 7, 2014 issued by TRCA's Planning and Development department.

City of Toronto has requested that the permanent easement be granted for nominal consideration of \$2.00 for the purposes of the Basement Flooding Protection Program.

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 City of Toronto has agreed to assume all legal, survey and other costs involved in completing this transaction.

Report prepared by: nadia.wells@trca.ca, extension 5859

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For Information contact: nadia.wells@trca.ca, extension 5859

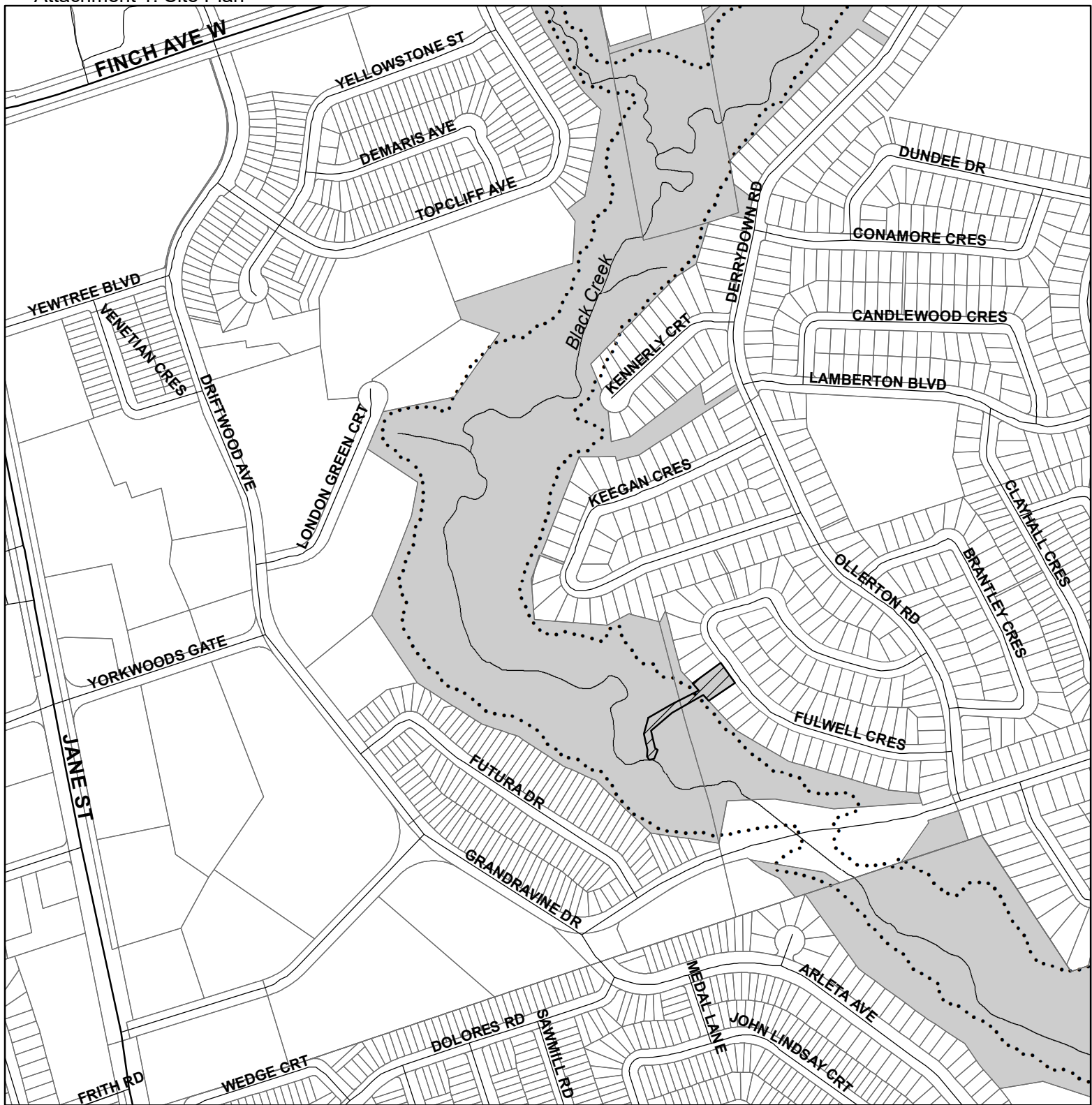
Emails: nadia.wells@trca.ca

Date: 11 June 2019






Attachments: 2

Attachment 1: Site Plan

Attachment 2: Orthophoto



Legend

-  Permanent Easement
-  Watercourses
-  Floodline
-  TRCA Property
-  Parcel Assessment



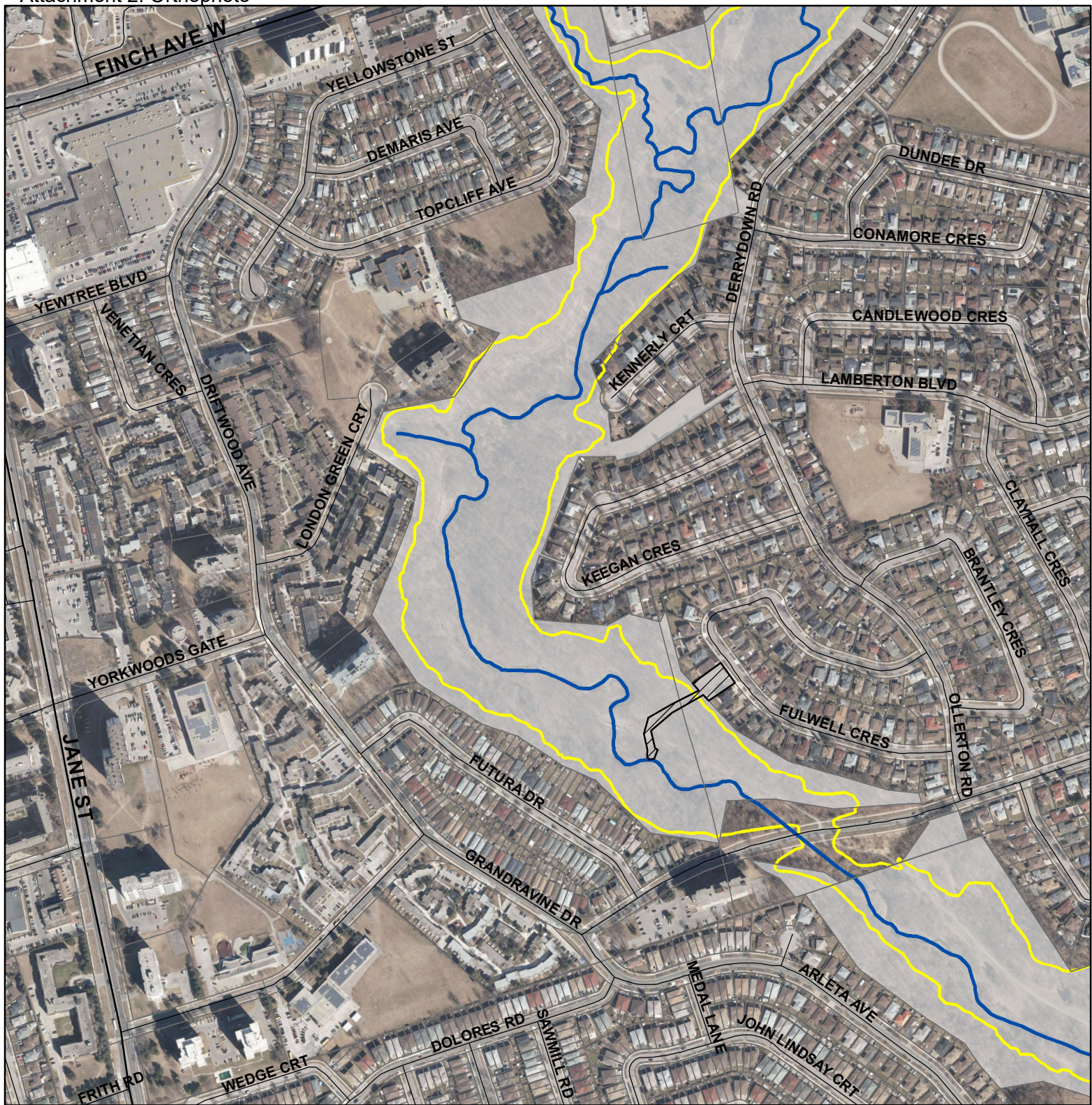
Toronto and Region
Conservation
Authority








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Key Map



Legend

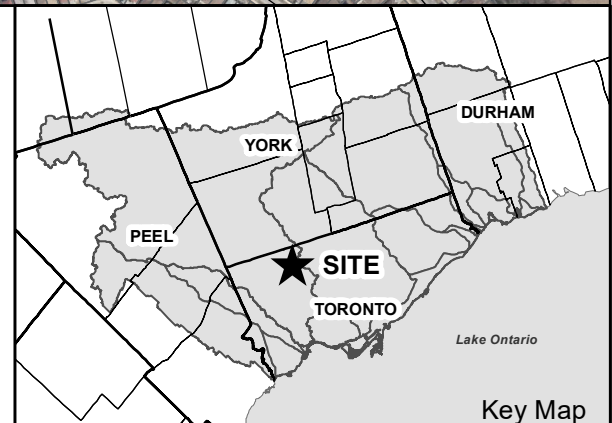
-  Permanent Easement
-  Watercourses
-  Floodline
-  TRCA Property
-  Parcel Assessment



Toronto and Region
Conservation
Authority



0 70 140 280
Meters



Key Map

RES.#B86/19 -

REQUEST FOR TENDER FOR TRUCKING AND DISPOSAL OF CITY OF TORONTO STORMWATER MANAGEMENT POND (SWMP) DREDGEATE

Award of Request for Tender (RFT) No. 10020873 for the hauling and disposal of dredgeate from eight stormwater management ponds (SWMPs) throughout the City of Toronto on behalf of Toronto Water.

Moved by: Ronald Chopowick
Seconded by: Jack Heath

WHEREAS Toronto and Region Conservation Authority (TRCA) successfully completed seven stormwater management pond (SWMP) maintenance projects on behalf of Toronto Water between 2013 and 2016;

AND WHEREAS TRCA entered into a contract (19TW-CTS-1OCWD) with Toronto Water in 2019 to complete an additional eight SWMP maintenance projects over 2019 and 2020;

AND WHEREAS TRCA solicited tenders through a publicly advertised process for the hauling and disposal of dredgeate resulting from the implementation of the eight SWMP maintenance projects;

THEREFORE THE EXECUTIVE COMMITTEE RECOMMENDS THAT Request for Tender (RFT) No. 10020873 for the hauling and disposal of industrial/commercial SWMP dredgeate be awarded to Ground Force Environmental Inc. at a total cost not to exceed \$819,467.00, plus applicable taxes, to be expended as authorized by Toronto and Region Conservation Authority (TRCA) staff;

THAT TRCA staff be authorized to approve additional expenditures to a maximum of \$122,920.05 (approximately 15% of the project cost), plus applicable taxes, in excess of the contract cost as a contingency allowance if deemed necessary;

THAT should TRCA staff be unable to negotiate a contract with the above-mentioned proponent, staff be authorized to enter into and conclude contract negotiations with other Proponents that submitted quotations, beginning with the next lowest bid meeting TRCA specifications;

AND FURTHER 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.

CARRIED

BACKGROUND

In 2013, the City of Toronto's Toronto Water Division approached TRCA to assist with the management of the City's stormwater management ponds (SWMPs). At Authority Meeting #7/13, held on September 27, 2013, Resolution #A141/13 approved the TRCA partnership with the City of Toronto for the maintenance of the seven identified SWMPs as follows:

THAT approval be granted for Toronto and Region Conservation Authority (TRCA) to enter into a partnership with the City of Toronto for the delivery of a stormwater management pond maintenance and clean-out program;

Following successful completion of the first seven SWMP maintenance projects, Toronto Water retained TRCA to prepare, complete and deliver to the City, maintenance plans for an additional ten (10) SWMPs, which was completed by the TRCA in August 2018.

Of the 10 SWMP maintenance plans prepared by TRCA, eight SWMPs were recommended by Toronto Water for maintenance. On March 21, 2019, Toronto Water and TRCA entered into an agreement (Contract #19TW-CTS-1OCWD) for the maintenance of eight SWMPs identified as:

1. SCWP053 – Willowlea Park
2. ETWP002 – Wincott Park Wetland
3. TOWP001 – Greenwood Pond
4. SCWP042 – Intracorp Pond
5. ETWP014D – Ellis Ave. & Colborne Lodge Dr. (W11) Wetland
6. SCWP055 – Greywood South Bridlewood Pond
7. SCWP056 – Greywood South Pinemeadow Pond
8. SCWP041 – Tapscott Industrial Pond

Toronto Water currently manages, operates and maintains dozens of SWMPs including wet ponds, treatment wetlands and dry ponds. The accumulation of sediment in these SWMPs are adversely impacting design performance, requiring maintenance primarily involving dredging to restore functionality. Their performance is related to sediment accumulation and available water storage, which is critical to the retention and treatment of stormwater that protects the surrounding areas from localized flooding and improves downstream water quality.

As part of the scope of work for these eight maintenance projects, the sediment accumulated in each pond will be dredged, stockpiled and mixed with a solidification reagent. Once the character of the sediment becomes like that of wet cement, it is loaded into tri-axes for off-site hauling to an appropriate disposal facility.

TRCA has over 38 years of experience in the planning, design, construction, maintenance and monitoring of restoration projects that include streams, wetlands and storm ponds. TRCA is ideally suited to carry out SWMP maintenance for municipal partners within sensitive areas because of the full range of services offered internally: design, approvals, survey, public consultation, implementation and site restoration, assessments and monitoring.

The eight SWMPs vary in location, type (wet pond / treatment wetlands), drainage area and watershed they service, sediment accumulation and type of control (quantity control/quality control) they provide.

TRCA estimates that there is an accumulation of up to 5,970 m³ of sediment to be removed in order to restore the eight SWMPs to their original design specifications.

RATIONALE

Request for Tender (RFT) #10020873 was publicly advertised on the electronic procurement website Biddingo.com on June 7th, 2019 for the haulage and disposal of dredged sediment from the eight SWMPs. The document was downloaded for review by 20 contractors. One addendum was issued on June 18, 2019.

As a condition of the RFT, only bidders that operate under a Ministry of the Environment Conservation and Parks (MECP) Environmental Compliance Approval (ECA) were considered to undertake the trucking and disposal of the sediment.

Tenders were received on June 21, 2019 and formally opened by TRCA staff (Danielle Dellandrea and Anita Geier) on the same day with the following results:

Proponent	Fee (Plus HST)
Ground Force Environmental Inc.	\$819,467.00
Salandria Ltd.	\$830,969.20

Two (2) bids were received, with Ground Force Environmental Inc. being the lowest bid that meets the requirements and deliverables as outlined in the RFT documents. Ground Force Environmental Inc. is capable of undertaking the work and has completed similar projects for TRCA in the recent years with excellent results.

Based on the bids received, staff recommends that Ground Force Environmental Inc. be awarded Contract # 10020873 for the disposal of SWMP dredgeate for eight SWMPs in the City of Toronto, for a total cost not to exceed \$819,467.00, plus a 15% contingency of \$122,920.05 to be expended as authorized by TRCA staff, plus HST, it being the lowest bid meeting TRCA RFT specifications.

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

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

Strategy 2 – Manage our Water Resources for Current and Future Generations

Strategy 7 – Build partnerships and new business models

FINANCIAL DETAILS

The cost of Contract #10020873 is 100% recoverable from the City of Toronto, within account 113-20.

Report prepared by: Clifton Coppolino, extension 5772

Emails: clifton.coppolino@trca.on.ca

For Information contact: Clifton Coppolino, extension 5772; John DiRocco, extension 5231

Emails: clifton.coppolino@trca.ca; john.dirocco@trca.ca

Date: June 27, 2019

RES.#B87/19 -

REQUEST FOR TENDER FOR SUPPLY AND INSTALLATION OF PEDESTRIAN BRIDGES AND MULTI-USE TRAIL FACILITIES

Award of Request for Tender (RFT) No. 10009279 for the supply of all labour, equipment and materials necessary for the installation of three pedestrian bridges and connecting asphalt trail for Phase 1 of the Upper Highland Creek Pan Am Path Connection Project, in the City of Toronto.

Moved by: Linda Jackson
Seconded by: Gord Highet

WHEREAS Toronto and Region Conservation Authority (TRCA) is engaged in a project that requires supply and installation of pedestrian bridges and multi-use trail facilities;

AND WHEREAS TRCA has partnered with the City of Toronto to implement this project;

AND WHEREAS TRCA solicited tenders through a publicly advertised process;

THEREFORE THE EXECUTIVE COMMITTEE RECOMMENDS THAT Request for Tender (RFT) No. 10009279 for Upper Highland Creek at Ellesmere Road – Pan Am Path Connection Project (Phase 1) be awarded to 2220742 Ontario Ltd. o/a Bronte Construction at a total cost not to exceed \$2,977,000.00 plus applicable taxes, to be expended as authorized by Toronto and Region Conservation Authority (TRCA) staff;

THAT TRCA staff be authorized to approve additional expenditures to a maximum of \$300,000.00 (approximately 10% of the project cost), plus applicable taxes, in excess of the contract cost as a contingency allowance if deemed necessary;

THAT should TRCA staff be unable to negotiate a contract with the above-mentioned proponent, staff be authorized to enter into and conclude contract negotiations with other Proponents that submitted quotations, beginning with the next lowest bid meeting TRCA specifications;

AND FURTHER 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.

CARRIED

BACKGROUND

The Pan Am Path is a multi-use recreational trail network that connects Brampton to Pickering through the City of Toronto. The majority of the Pan Am Path travels through river valley and hydro corridors, with certain sections detouring along municipal roads. In 2013, the City of Toronto committed to undertaking new trail initiatives to remove these detours and achieve full trail connectivity. In the summer of 2014, the City of Toronto approached the Engineering Projects Business Unit in the Restoration and Infrastructure Division to undertake the Upper Highland Creek at Ellesmere Road Pan Am Path Connection project. This project aims to develop an important trail connection through the Highland Creek Valley Corridor to Morningside Park.

In April 2016, the detailed design contract for this project was awarded to Aquafor Beech Limited (ABL). The Phase 1 design was completed in April 2019, and the designs for phases 2 and 3 of the project will be further developed in 2020 and beyond.

RATIONALE

A Request for Pre-Qualification (RFPQ) for general contractors was publicly advertised on the public procurement website www.biddingo.com on October 17, 2018 and closed on October 31, 2018. General contractors interested in pre-qualifying were advised that in order to receive a tender package they must meet the following criteria;

- Submission of a complete pre-qualification package
- Past experience in the construction of similar pedestrian bridge and trail infrastructure projects
- Ability to meet construction milestones; ability to coordinate work by others
- Experience dealing with projects with construction budgets of over \$3 million
- Acceptable feedback from references provided on the CCDC 11 – 2016 form

A total of twenty-three (23) firms downloaded the documents and eleven (11) pre-qualification submissions were received from the following Proponent(s):

- 2220742 Ontario Ltd. o/a Bronte Construction
- Brennan Paving & Construction Ltd.
- CSL Group Ltd.
- Dagmar Construction Inc.
- Dynex Construction Inc.
- Grascan Construction Ltd.
- Hawkins Contracting Services
- Marbridge Construction Ltd.
- McPherson-Andrews Contracting Ltd.
- Midome Construction Services Ltd.
- TDI International AG Inc. dba Eco Blue Systems

The submission from Brennan Paving Ltd. was disqualified for failing to submit a complete pre-qualification package.

The submissions from CSL Group Ltd. and Dynex Construction Inc. were both disqualified for a lack of relevant past experience in the construction of similar pedestrian bridge and trail infrastructure projects and a lack of experience with construction projects valued over \$3 million.

The submission from Midome Construction Services Ltd. was disqualified for a lack of relevant past experience in the construction of similar pedestrian bridge and trail infrastructure projects.

An Evaluation Committee comprised of staff from Engineering Projects reviewed the pre-qualification documents based on the criteria above. Based on the evaluation results, Request for Tender documents were issued on May 13, 2019 to the following Seven (7) Proponent(s):

- 2220742 Ontario Ltd. o/a Bronte Construction
- Dagmar Construction Inc.
- Grascan Construction Ltd.
- Hawkins Contracting Services
- McPherson-Andrews Contracting Ltd.
- TDI International AG Inc. dba Eco Blue Systems
- Marbridge Construction Ltd.

A mandatory meeting and site tour was held on May 22, 2019. The RFT closed on June 5, 2019.

Three (3) addendums were issued to respond to questions received.

Two (2) proponents declined the opportunity to bid. One proponent missed the mandatory meeting and site tour; and the other proponent cited their current workload and the inability to take on additional work.

The Procurement Opening Committee opened the Tenders on June 5, 2019 shortly after 11:00 AM with the following results:

Proponent	Fee (Plus HST)
2220742 Ontario Ltd. o/a Bronte Construction	\$ 2,977,000.00
McPherson-Andrews Contracting Ltd.	\$ 3,046,255.00
TDI International AG Inc. dba Eco Blue Systems	\$ 3,740,097.00
Dagmar Construction Inc.	\$ 4,484,785.00
Grascan Construction Ltd.	\$ 4,670,000.00

Staff reviewed the bid received from 2220742 Ontario Ltd. o/a Bronte Construction with its own cost estimate and has determined that the bid is of reasonable value and meets the requirements as outlined in the RFT documents. Therefore, it is recommended that contract No. 10009279 be awarded to 2220742 Ontario Ltd. o/a Bronte Construction at a total cost not to exceed \$2,977,000.00 plus \$300,000.00 (approximately 10%) contingency, plus applicable taxes, it being the lowest bid meeting TRCA's specifications.

TRCA staff will be present on site bi-weekly throughout construction to document work progress and ensure that public safety is protected via surveillance and the maintenance of warning signage and temporary fencing delineating the limits of work. TRCA's Engineering Consultant, ABL, will also be present at key construction phases to inspect the work and confirm design compliance. In addition, project information regarding trail closures, detours, staff contact information and other details will be communicated via project signage erected in the park and

on the City of Toronto's project website to minimize impacts to park users. Internal and external stakeholders, including the local councillor's office (Ward 24), were provided with a Notice of Construction in April 2019, and will be kept informed of project timelines, so that they are able to update their constituents. The office of Ward 25 will be added to the stakeholder list going forward. This contract is expected to be implemented in fall 2019 with the work being substantially completed by March 31, 2020.

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

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

Strategy 3 – Rethink greenspace to maximize its value

As noted in TRCA's strategic plan, TRCA watershed communities benefit from a well-connected network of accessible greenspace. The implementation of new trails and park infrastructure as part of this project will enable the local community to safely and more easily connect with nature.

Strategy 4 – Create complete communities that integrate nature and the built environment

This project provides new access to TRCA owned greenspace and will enhance access to Morningside Park.

Strategy 7 – Build partnerships and new business models

TRCA has fostered strong partnerships with municipal partners. The successful completion of projects of this nature, on behalf of partners such as the City of Toronto, enhances this relationship and encourages future collaboration.

FINANCIAL DETAILS

The cost of executing this contract, including all staff time and associated costs to manage the project is 100% recoverable from the City of Toronto within account 185-82.

Report prepared by: Justine Spero, extension 5514

Emails: justine.spero@trca.ca

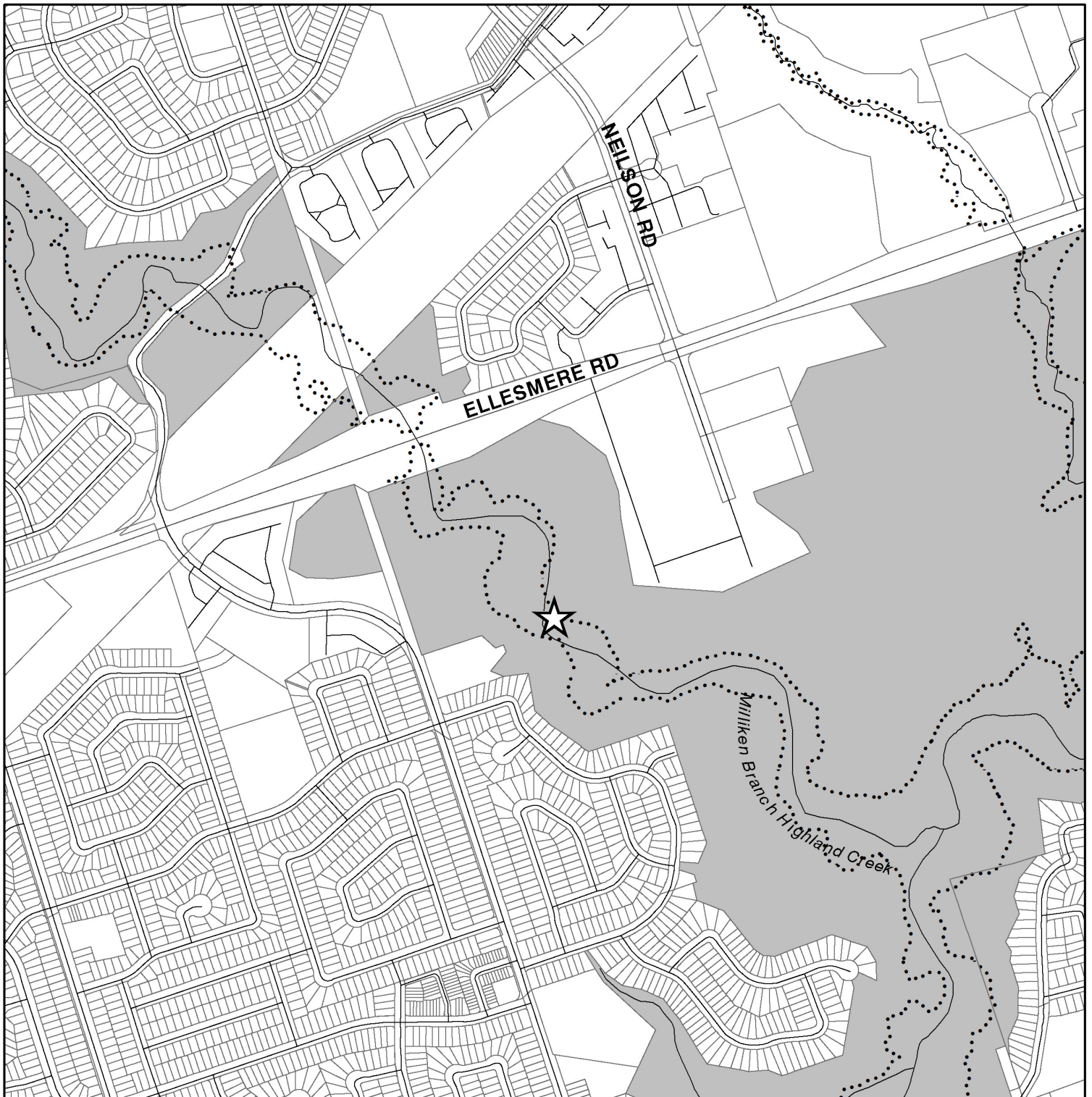
For Information contact: Ashour Rehana, extension 5524

Emails: ashour.rehana@trca.ca






Date: June 14, 2019

Attachments: 1

Attachment 1: Key Map



Legend

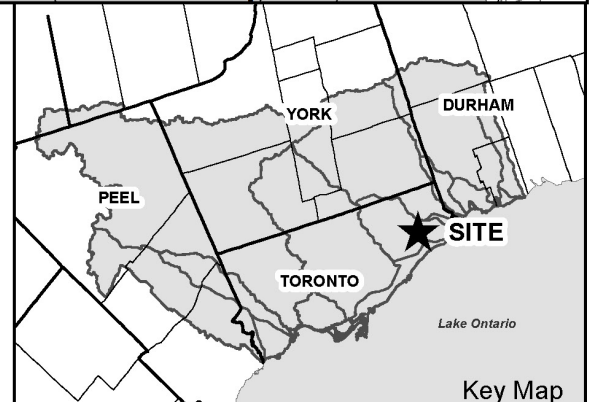
-  Project Area
-  Watercourses
-  Floodline
-  TRCA Property
-  Parcel Assessment



Toronto and Region
Conservation
Authority



0 100 200 400
Meters



Key Map

Section IV – Ontario Regulation 166/06, As Amended

RES.#B88/19 -

APPLICATIONS FOR PERMITS PURSUANT TO ONTARIO REGULATION 166/06, AS AMENDED

Development, Interference with Wetlands and Alterations to Shorelines
and Watercourses

Pursuant to Ontario Regulation 166/06, as amended, written permission
from the Authority is required for:

- a) straightening, changing, diverting or interfering in any way with the
existing channel of a river, creek, stream or watercourse, or for
changing or interfering in any way with a wetland;
- b) development, if in the opinion of the Authority, the control of flooding,
erosion, dynamic beaches or pollution or the conservation of land may
be affected by the development.

A permit may be refused through a Hearing Process, if in the opinion of
the Authority, the control of flooding, erosion, dynamic beaches, pollution
or the conservation of land is affected.

Moved by: Mike Mattos
Seconded by: Paul Ainslie

**THAT a permit be granted in accordance with Ontario Regulation 166/06, as amended, for
the application which is listed below:**

CARRIED

MAJOR PERMIT APPLICATION 11.1 – REGULAR – FOR APPROVAL

Applications that involved a more complex suite of technical studies to demonstrate consistency
with policies; applications that cover a significant geographic area, extensive modifications to
the landscape, major infrastructure projects, applications requiring site specific conditions and
permissions that extend beyond two years.

TOWN OF CALEDON

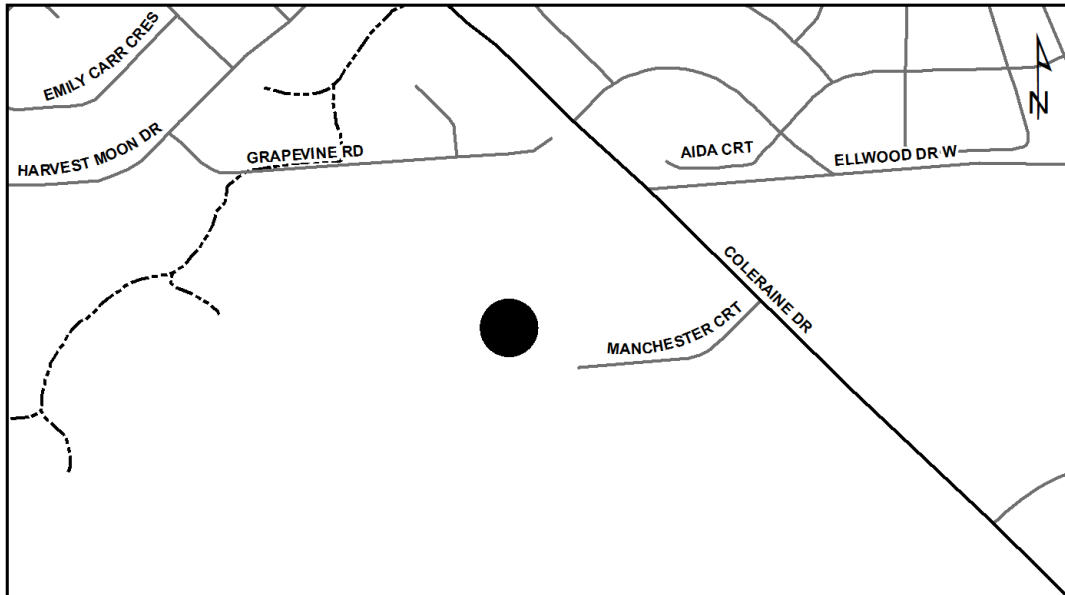
GREYPAN EQUITIES INC. GREYPAN 4 PROPERTIES GP INC.

To construct, reconstruct, erect or place a building or structure, site grade, temporarily or
permanently place, dump or remove any material, originating on the site or elsewhere and
interfere with a wetland on Part Lot 8, 9, Concession 5, (4 to 6 Manchester Court), in the Town
of Caledon, Humber River Watershed as located on the property owned by Greypan 4
Properties GP Inc.; Greypan Equities Inc..

The purpose is to undertake works within TRCA's Regulated Area of the Humber River
Watershed in order to facilitate the construction of a 20,071.38 sq.m (216,046.53 sq.ft) addition
to the existing industrial warehouse facility located at 4-6 Manchester Court in the Town of

Caledon. Site works also include the construction of an associated parking lot as well as a wetland compensation and upland enhancement area. The works are associated with a municipal Site Plan application (Town File: SP18-0017) and building permit.

MAP LOCATION: 4-6 Manchester Court, Caledon



The permit will be issued for the period of July 5, 2019 to July 4, 2021 in accordance with the following documents and plans which form part of this permit:

- **Drawing No. 17104-G1, Area Grading Plan, prepared by V.A. Piscione, revision no. 10 dated February 5, 2019, received by TRCA on May 17, 2019;**
- **Drawing No. 17104-G2, Site Servicing Plan, prepared by V.A. Piscione, revision no. 11 dated April 16, 2019, received by TRCA on May 17, 2019;**
- **Drawing No. 17104-G3, Details and Grading Sections, prepared by V.A. Piscione, revision no. 10 dated February 5, 2019, received by TRCA on May 17, 2019;**
- **Drawing No. 17104-G4, Grading Sections, prepared by V.A. Piscione, revision no. 10 dated February 5, 2019, received by TRCA on May 17, 2019;**
- **Drawing No. L-1, Landscape Plan, prepared by Hin Tat Lam, revision no. 9 dated October 17, 2018, received by TRCA on May 17, 2019;**
- **Drawing No. L-1, Existing Tree Preservation and Removal Plan, prepared by JVF Consultants Inc., revision no. 6 dated October 2018, received by TRCA on May 17, 2019;**
- **Drawing No. L-2, Landscape Plan Enlargement Building "A" Addition, prepared by JVF Consultants Inc., revision no. 6 dated October 2018, received by TRCA on May 17, 2019;**
- **Drawing No. L-3, Landscape Details and Landscape Specifications, prepared by JVF Consultants Inc., revision no. 4 dated October 2018, received by TRCA on May 17, 2019;**
- **Drawing No. L-4, Landscape Details, prepared by JVF Consultants Inc., revision no. 3 dated October 2018, received by TRCA on May 17, 2019;**

- **Drawing No. 17104-ESC1, Area Erosion and Sediment Control Plan (Stage - 1), prepared by V.A. Piscione, revision no. 1 dated July 25, 2018, received by TRCA on May 17, 2019;**
- **Drawing No. 17104-ESC2, Area Erosion and Sediment Control Plan (Stage - 2 Works), prepared by V.A. Piscione, revision no. 1 dated July 25, 2018, received by TRCA on May 17, 2019;**
- **Drawing No. 17104-ESC3, Area Erosion and Sediment Control Plan (Stage - 3, 4 and 5 Works), prepared by V.A. Piscione, revision no. 1 dated July 25, 2018, received by TRCA on May 17, 2019;**
- **Stormwater Management Report, prepared by V.A. Piscione, revised July 16, 2018, received by TRCA on May 17, 2019;**
- **Environmental Impact Study and Management Plan, prepared by Savanta, revised January 2019, received by TRCA on May 17, 2019;**
- **Letter of Undertaking, prepared by Andy Smele, dated April 23, 2019, received by TRCA on April 23, 2019;**
- **Cost Estimate for Construction and Monitoring of Wetland Compensation and Upland Enhancement Area, prepared by Savanta, dated April 22, 2019, received by TRCA on April 23, 2019;**
- **Opinion of Probable Landscaping Costs, prepared by Savanta, revised February 26, 2019, received by TRCA on April 23, 2019.**

Application-Specific Permit Conditions

14. The applicant provides as-built plans to the TRCA once the Wetland Compensation and Upland Enhancement Area (WCUEA) has been completed.

15. The applicant implements the Monitoring and Adaptive Management Strategy for the WCUEA as outlined within Section 7.2 of the Environmental Impact Study and Management Plan (prepared by Savanta, revised January 2019) for the entire proposed duration (5 years).

16. The applicant commits to hire a qualified environmental consultant to conduct the required monitoring in accordance with the Environmental Impact Study and Management Plan (prepared by Savanta, revised January 2019) for the entire proposed duration (5 years).

17. The applicant provides the selected environmental consultant with necessary funding to implement the Monitoring and Adaptive Management Strategy in general conformance with the cost estimate provided by Savanta (dated April 22, 2019).

18. The applicant provides the TRCA with annual monitoring status reports for the WCUEA, once constructed.

19. The applicant notifies and consults with the TRCA prior to the implementation of any adaptive management measures identified by the environmental consultant.

RATIONALE

The application was reviewed by staff on the basis of the following information:

Proposal:

The purpose of this application is to undertake works within TRCA's Regulated Area in order to facilitate the construction of a 20,071.38 sq.m (216,046.53 sq.ft) addition to the existing industrial warehouse facility located at 4-6 Manchester Court in the Town of Caledon. Site works also include the construction of an associated parking lot as well as a wetland compensation and upland enhancement area. The works are associated with a municipal Site Plan application (Town File: SP18-0017) and building permit.

The subject property is located on the west side of Bolton, along a Canadian Pacific Rail corridor. The front portion of the site currently contains two industrial warehouse facilities and associated truck parking area while the rear portion of the property is vacant of any structures. On June 28, 2017, the Ministry of Natural Resources and Forestry (MNRF) conducted an site visit of the vacant portion of the property with TRCA staff. Based on this site visit, it was determined that the rear portion of the site contains three (3) separate Provincially Significant Wetland (PSW) units as well as seven (7) small isolated wetland units which were not deemed to be significant. The rear portion of the site also contains a small headwater drainage feature which conveys minor flows from the site to a culvert located under the rail corridor.

The proposed works associated with this permit includes the construction of a rear addition to the southernmost existing industrial warehouse. The proposed addition and its associated parking area will be located on the currently vacant portion of the subject lands. In order to facilitate construction of the works, removal of the isolated wetland units as well as the headwater drainage feature will be required. Based on an assessment of the features by a qualified environmental consultant (Savanta), the isolated wetland features equal a total of 0.38 hectares and are largely dominated by invasive species (phragmites). No rare plants or amphibians were observed in these wetlands. A headwater drainage feature assessment was also conducted by the environmental consultant where it was determined that the headwater drainage feature on site do not provide direct fish habitat.

In order to compensate for the removal of the isolated wetland units, the applicant is proposing to construct five new wetland vegetation communities as well as an upland enhancement area on the north-west portion of the site (i.e. the Wetland Compensation and Upland Enhancement Area or WCUEA). A large bioswale will also be constructed along the north side of the property to replicate the function of the headwater drainage features to be removed. The wetland compensation is proposed to exceed a 1:1 removal to compensation ratio, resulting in a total area of 0.40 hectares of new wetland habitat. An additional 0.14 hectares of upland shrub thicket habitat and 0.05 hectares of nodal shrub and tree plantings are also proposed to be planted within the WCUEA. The goal of the proposed WCUEA is to establish a healthy and diverse ecosystem that replicates the ecological functions and size of the non-significant features slated for removal. The re-created wetlands will include online pools that provide appropriate breeding habitat for frogs and other species that share similar habitat preferences. Furthermore, additional wildlife enhancement features such as turtle basking logs, raptor perching poles and wildlife brush piles will also be implemented. Water flow will be directed to the WCUEA from one of the nearby PSW units as well as clean rooftop drainage from the adjacent industrial warehouse in order to support the planted vegetation communities. The proposed warehouse addition is appropriately setback from both the existing and proposed wetland features.

In addition to constructing the WCUEA, the applicant has also committed to conducting monitoring for a five (5) year period. The monitoring program will include assessments of planted vegetation as well as surveys of wetland hydrology and flora and fauna. Through this permit, the property owner has agreed to application specific conditions which will ensure the monitoring program is funded and executed for its entire proposed duration. Given the above, TRCA staff do not have any ecology concerns with this application. Furthermore, there are no flooding or geotechnical related concerns as well.

Control of Flooding:

The proposed works are located outside of the Regional Floodplain. As such, there are no anticipated impacts to the storage and/or conveyance of flood waters.

Pollution:

A detailed erosion and sediment control plan has been developed by the applicant and will be implemented for the duration of construction to prevent the migration of sediment into the adjacent natural features.

Dynamic Beaches:

Not applicable.

Erosion:

There are no geotechnical and/or slope stability concerns anticipated with this project.

Conservation of Land:

The removal of multiple isolated wetland units as well as a headwater drainage feature will be required to facilitate the proposed development. The removal of low functioning natural features will total 0.38 hectares. In order to compensate the removal of these features, the applicant is proposing to construct 0.40 hectares of new wetland habitat as well as an additional 0.14 hectares of upland shrub thicket and 0.05 hectares of nodal shrub and tree plantings (i.e. the Wetland Compensation and Upland Enhancement Area or WCUEA). Once complete, the WCUEA will result in a high functioning ecological system which exceeds a 1:1 replacement ratio. The project will result in a net ecological gain.

Plantings

Once earthworks for the WCUEA are complete, a comprehensive restoration plan will be implemented. The plantings will consist of emergent shallow marsh, thicket swamp, meadow marsh, upland cultural meadow and upland tree and shrub plantings. All proposed plantings will be native and non-invasive consistent with TRCA's guidelines.

Policy Guidelines:

The proposal complies with Section 8.4 - General Regulation Policies - of The Living City Policies (LCP) for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 61496.A - Application #: 0513/19/CAL

Report Prepared by: Nicholas Cascone, extension 5927, email nicholas.cascone@trca.ca

For information contact: Nicholas Cascone, extension 5927, email nicholas.cascone@trca.ca

Date: June 25, 2019

RES.#B89/19 -**STANDARD DELEGATED PERMITS**

Moved by: Mike Mattos
Seconded by: Paul Ainslie

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.

CARRIED

STANDARD DELEGATED PERMITS FOR RECEIPT – STAFF APPROVED AND ISSUED

Delegated Permits are processed by Planning and Development Division staff, authorized by designated staff appointed as Enforcement Officers 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.

CITY OF MARKHAM**2305269 ONTARIO INCORPORATED - Rouge River Watershed**

The purpose is to undertake works within TRCA's Regulated Area of the Rouge River Watershed (Unionville Special Policy Area) to construct an addition to the existing dwelling located at 33 Eureka Street, Markham.

CFN: 61032 - Application #: 0232/19/MARK

Report Prepared by: Michelle Bates, extension 5618, email michelle.bates@trca.ca

For information contact: Michelle Bates, extension 5618, email michelle.bates@trca.ca

Date: May 29, 2019

CITY OF MISSISSAUGA**A CHURCH CONNECTED HEARTLAND - Etobicoke Creek Watershed**

The purpose is to undertake works within TRCA's Regulated Area of the Etobicoke Creek Watershed in order to facilitate the construction of a 1,607.8 sq.m (17,297 sq. ft) place of worship, septic system and associated parking area located at 1100 Canadian Place in the City of Mississauga. The works are associated with a municipal Site Plan application and building permit.

CFN: 54573 - Application #: 0862/15/MISS

Report Prepared by: Nicholas Cascone, extension 5927, email nicholas.cascone@trca.ca

For information contact: Nicholas Cascone, extension 5927, email nicholas.cascone@trca.ca

Date: May 29, 2019

CITY OF PICKERING

873 REYTAN BOULEVARD - Frenchman's Bay Watershed

The purpose is to construction an inground pool with associated hardscaping in the rear yard of an existing one storey single family detached dwelling located at 873 Reytan Boulevard in the City of Pickering.

CFN: 61489 - Application #: 0496/19/PICK

Report Prepared by: Stephanie Worrone, extension 5907, email stephanie.worrone@trca.ca

For information contact: Steve Heuchert, extension 5311, email steve.heuchert@trca.ca

Date: June 3, 2019

CITY OF RICHMOND HILL

580 NORTH LAKE ROAD - Humber River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Humber River Watershed to construct a new dwelling with attached porch and deck located at 580 North Lake Road, Richmond Hill.

CFN: 61547 - Application #: 0473/19/RH

Report Prepared by: Michelle Bates, extension 5618, email michelle.bates@trca.ca

For information contact: Michelle Bates, extension 5618, email michelle.bates@trca.ca

Date: May 30, 2019

CITY OF TORONTO (ETOBICOKE YORK COMMUNITY COUNCIL AREA)

4 RIDGE VALLEY CRESCENT - Humber River Watershed

The purpose is to construct a new two-storey single family detached dwelling and integral garage at 4 Ridgevalley Crescent in the City of Toronto (Etobicoke York). Also proposed is the replacement of an existing pool cabana structure and a staircase in the rear yard while the existing inground pool and decking are to be refurbished.

CFN: 56033 - Application #: 0610/16/TOR

Report Prepared by: Nicole Moxley, extension 5968, email nicole.moxley@trca.ca

For information contact: Steve Heuchert, extension 5311, email steve.heuchert@trca.ca

Date: May 31, 2019

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

10 RUSHBROOKE AVENUE - Don River Watershed

The purpose is to construct a rear deck, basement walkout, and to convert the basement into a secondary suite at 10 Rushbrooke Avenue in the City of Toronto (Toronto & East York Community Council Area).

CFN: 61210 - Application #: 0277/19/TOR

Report Prepared by: Daniel Pina, extension 5250, email daniel.pina@trca.ca

For information contact: Mark Rapus, extension 5259, email mark.rapus@trca.ca

Date: June 3, 2019

CITY OF VAUGHAN

40 KLEIN'S CRESCENT - Humber River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Humber River Watershed in order to facilitate a new 472.04 sq.m. (5,081.00 sq.ft.) 1-storey single detached residential dwelling. The works are being proposed at the property municipally known as 40 Klein's Crescent in the City of Vaughan and are associated with a municipal building permit.

CFN: 61559 - Application #: 0492/19/VAUG

Report Prepared by: Polina Bam, extension 5256, email polina.bam@trca.ca

For information contact: Jackie Burkart, extension 5304, email jackie.burkart@trca.ca

Date: May 31, 2019

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 Enforcement Officers 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 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 VAUGHAN

ENBRIDGE GAS INC.

To undertake sewer and watermain or utility installation or maintenance within an existing roadway on the east side of Pine Valley Drive beginning approximately 185 m north of Major Mackenzie Drive, and extending northward for approximately 325 m, in the City of Vaughan, Humber River Watershed, as located on the property owned by the City of Vaughan as per the Franchise Agreement with Enbridge Gas Inc. The purpose is to install a NPS 8 ST DFBE HP gas pipeline within the road right of way on the east side of Pine Valley Drive beginning approximately 185 m north of Major Mackenzie Drive, and extending northward for approximately 325 m, in the City of Vaughan. No in-water work is associated with this project.

CFN: 61070 - Application #: 0150/19/VAUG

Report Prepared by: Nathan Jenkins, extension 5508, email nathan.jenkins@trca.ca

For information contact: Manirul Islam, extension 5715, email manirul.islam@trca.ca

Date: May 31, 2019

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

31 HOLLOWGROVE BOULEVARD

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 138, Plan 43R-24346, (31 Hollowgrove Boulevard), in the City of Brampton, Humber River Watershed.

CFN: 61487 - Application #: 0453/19/BRAM

Report Prepared by: Andrea Terella, extension 5657, email andrea.terella@trca.ca

For information contact: Andrea Terella, extension 5657, email andrea.terella@trca.ca

Date: June 7, 2019

CITY OF TORONTO (NORTH YORK COMMUNITY COUNCIL AREA)

23 MCGLASHAN COURT

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 3, Plan M-1941, (23 McGlashan Court), in the City of Toronto (North York Community Council Area), Don River Watershed.

CFN: 61583 - Application #: 0522/19/TOR

Report Prepared by: Stephanie Worrone, extension 5907, email stephanie.worrone@trca.ca

For information contact: Mark Rapus, extension 5259, email mark.rapus@trca.ca

Date: June 6, 2019

CITY OF VAUGHAN

14200 WESTON ROAD

To construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) on Part Lot 13, 14, Concession 6, (14200 Weston Road), in the City of Vaughan, Humber River Watershed.

CFN: 61562 - Application #: 0493/19/VAUG

Report Prepared by: Anthony Syhlonyk, extension 5272, email anthony.syhlonyk@trca.ca

For information contact: Jackie Burkart, extension 5304, email jackie.burkart@trca.ca

Date: June 3, 2019

73 CARMEN 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 154, Plan 65M-2354, (73 Carmen Crescent), in the City of Vaughan, Humber River Watershed.

CFN: 61641 - Application #: 0556/19/VAUG

Report Prepared by: Anthony Syhlonyk, extension 5272, email anthony.syhlonyk@trca.ca

For information contact: Jackie Burkart, extension 5304, email jackie.burkart@trca.ca

Date: June 21, 2019

5410 KIRBY ROAD

To install a swimming pool and undertake minor landscaping involving the placement, removal or regrading of material of less than 30 cubic metres (equivalent to 3 truckloads) on Lot 31, Plan 65R-10886, (5410 Kirby Road), in the City of Vaughan, Humber River Watershed.

CFN: 61563 - Application #: 0504/19/VAUG

Report Prepared by: Anthony Syhlonyk, extension 5272, email anthony.syhlonyk@trca.ca

For information contact: Jackie Burkart, extension 5304, email jackie.burkart@trca.ca

Date: May 31, 2019

TOWN OF AJAX**900 RIVERSIDE DRIVE**

To install a swimming pool on Lot 12, Plan M-1157, (900 Riverside Drive), in the Town of Ajax, Duffins Creek Watershed.

CFN: 61502 - Application #: 0519/19/AJAX

Report Prepared by: Stephanie Worrone, extension 5907, email stephanie.worrone@trca.ca

For information contact: Stephanie Worrone, extension 5907, email stephanie.worrone@trca.ca

Date: June 18, 2019

TOWN OF CALEDON**10 ELLA STREET**

To construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) on Part of East Half Lot 4, Concession 6, (10 Ella Court), in the Town of Caledon, Humber River Watershed.

CFN: 61499 - Application #: 0503/19/CAL

Report Prepared by: Andrea Terella, extension 5657, email andrea.terella@trca.ca

For information contact: Andrea Terella, extension 5657, email andrea.terella@trca.ca

Date: June 12, 2019

TOWNSHIP OF KING**72 CURTIS CRESCENT**

To construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) and construct a ground floor addition up to 50 sq. m (538 sq. ft) on Lot 34, Plan M-2032, (72 Curtis Crescent), in the Township of King, Humber River Watershed.

CFN: 61585 - Application #: 0523/19/KING

Report Prepared by: Anthony Syhlonyk, extension 5272, email anthony.syhlonyk@trca.ca

For information contact: Colleen Bonner, extension 5307, email colleen.bonner@trca.ca

Date: May 31, 2019

16 AUSTIN RUMBLE COURT

To install a swimming pool and undertake minor landscaping involving the placement, removal or regrading of material of less than 30 cubic metres (equivalent to 3 truckloads) on Part Lot 3, Concession 3, (16 Austin Rumble Court), in the Township of King, Humber River Watershed.

CFN: 61642 - Application #: 0555/19/KING

Report Prepared by: Anthony Syhlonyk, extension 5272, email anthony.syhlonyk@trca.ca

For information contact: Colleen Bonner, extension 5307, email colleen.bonner@trca.ca

Date: June 14, 2019

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 BRAMPTON

147 BELLCHASE TRAIL - Humber River Watershed

The purpose is to recognize the construction of a 7.4 m by 4.9 m (24.3 ft by 16.4 ft) deck with staircase located at the rear of an existing dwelling within TRCA's Regulated Area of the Humber River Watershed. The described works were initiated without the issuance of a TRCA or municipal building permit. As such, an additional permit application fee of 100% was charged for this "after-the-fact" permit. The subject property is located at 147 Bellchase Trail, in the City of Brampton.

CFN: 61484 - Application #: 0475/19/BRAM

Report Prepared by: Andrea Terella, extension 5657, email andrea.terella@trca.ca

For information contact: Andrea Terella, extension 5657, email andrea.terella@trca.ca

Date: June 4, 2019

ADJOURNMENT

ON MOTION from Paul Ainslie, the meeting was adjourned at 10:01 a.m. on Friday, July 5, 2019.

Jennifer Innis
Chair

John MacKenzie
Secretary-Treasurer

/af