



Toronto and Region Conservation Authority

Executive Committee Meeting Revised Agenda

#7/18

September 7, 2018

9:30 A.M.

HEAD OFFICE, 101 EXCHANGE AVENUE, VAUGHAN

Members:

Chair Maria Augimeri

Jack Ballinger

Vincent Crisanti

Glenn De Baeremaeker

Chris Fonseca

Vice Chair Jack Heath

Brenda Hogg

Jennifer Innis

Colleen Jordan

Mike Mattos

Jennifer McKelvie - Leave of Absence

Anthony Perruzza

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4. DISCLOSURE OF PECUNIARY INTEREST AND THE GENERAL NATURE THEREOF
5. DELEGATIONS

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11.2	24 CATCHFLY CRESCENT	60
	To construct, reconstruct, erect or place a building or structure on Lot 102, Plan 43M-1668, (24 Catchfly Crescent), in the City of Brampton, Humber River Watershed. The purpose is to recognize the construction of a 4.77 m x 10.30 m (15.62 ft. x 33.79 ft.) wooden deck located at the rear of an existing residential dwelling located within TRCA's Regulated Area of the Humber River Watershed associated with a municipal Minor Variance application (Town File No.: A18-014). The described works were initiated without the issuance of a TRCA permit or a 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 24 Catchfly Crescent, in the City of Brampton.	
11.3	56 NAPERTON DRIVE	63
	To construct, reconstruct, erect or place a building or structure on Lot 35, Plan M1829 (56 Naperton Drive), in the City of Brampton, Etobicoke Creek Watershed. The purpose is to recognize the construction of a 3.38 m by 4.87 m (10 ft by 16 ft) deck located at the rear of an existing residential dwelling within TRCA's Regulated Area of the Etobicoke Creek Watershed. The deck was constructed without the benefit of TRCA or municipal permits. As such, an additional permit application fee of 100% was charged for this "after-the-fact" permit. The subject property is located at 56 Naperton Drive, in the City of Brampton.	
	<u>CITY OF PICKERING</u>	
11.4	1133373 ONTARIO INC.	65
	To construct, reconstruct, erect or place a building or structure, site grade and temporarily or permanently place, dump or remove any material, originating on the site or elsewhere on Lot 24, Concession 4, (Crossing of Tributary GA13-1 on Elizabeth Mackenzie Drive), in the City of Pickering, Duffins Creek Watershed as located on the property owned by 1133373 Ontario Inc. The purpose is to construct a culvert, wing walls and road north of Taunton Road, west of Sideline 24.	
11.5	1133373 ONTARIO INC.	68
	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 alter a watercourse on Lot 24, Concession 4, (Crossing of Tributary GA14 on Burkholder Drive (Sideline 24)), in the City of Pickering, Duffins Creek Watershed as located on the property owned by 1133373 Ontario Inc. The purpose is to construct a culvert, wing walls and road, and a temporary culvert crossing, north of Taunton Road, west of Sideline 24.	

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

- 11.6 3 GLENWOOD TERRACE** 71
- To construct, reconstruct, erect or place a building or structure and temporarily or permanently place, dump or remove any material, originating on the site or elsewhere on Lot 9, 10, 11, Plan 3109, (3 Glenwood Terrace), in the City of Toronto (Toronto and East York Community Council Area), Don River Watershed. The purpose is to permit the as-built deck to the rear and side of the existing single storey detached dwelling at 3 Glenwood Terrace in the City of Toronto (Toronto and East York Community Council Area).

CITY OF VAUGHAN

- 11.7 2506937 ONTARIO INC.** 73
- 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 on, 12370 Keele Street, in the City of Vaughan, Humber River Watershed as located on the property owned by 2506937 Ontario 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 3,529 sq. m. (37,985.84 sq. ft.) commercial building and associated parking area. The subject property is located on lands known municipally as 12370 Keele Street, in the City of Vaughan.
- 11.8 50 CLARENCE STREET** 76
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- 11.9 7850 KING VAUGHAN ROAD** 79
- To construct, reconstruct, erect or place a building or structure, site grade and temporarily or permanently place, dump or remove any material, originating on the site or elsewhere on Lot 1, Concession 11, (7850 King Vaughan Road), in the City of Vaughan, 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 retaining wall varying from 0.2 metres (0.66 feet) to 2.12 metres (6.96 feet) in height and approximately 35 metres (114.83 feet) in length, and slope restoration and plantings to address historic incursions and vegetation removals. The works are included as part of an overall residential proposal consisting of a new single detached dwelling and a new septic system, which are outside of TRCA's Regulated Area.

TOWN OF CALEDON

11.10 39 VALLEYSCAPE TRAIL

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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 at 39 Valleyscape Trail, in the Town of Caledon, Etobicoke Creek Watershed. The purpose is to undertake work within TRCA's Regulated Area of the Humber River Watershed in order to recognize an existing residential unit located in the basement of an existing residential dwelling associated with a municipal building permit. The subject property and existing residential dwelling are located outside of the Regulatory Floodplain. The subject property is located at 39 Valleyscape Trail, in the City of Brampton. The described works were initiated without the issuance of a TRCA permit or a municipal building permit. As such, an additional permit application fee was charged for this "after-the-fact" permit.

11.11 PROLOGIS CANADA

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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, interfere with a wetland and alter a watercourse on Part Lot 19, 20, Concession 3, (12292 Dixie Road and 12294 Dixie Road), in the Town of Caledon, Humber River Watershed as located on the property owned by Prologis Canada. The purpose is to grade within the Humber River watershed to facilitate the construction of a natural channel realignment, two Stormwater Management ponds, three industrial buildings, restoration plantings within environmental buffers and site grading associated with an approved industrial subdivision located at 12292 and 12294 Dixie Road, in the Town of Caledon.

TOWN OF RICHMOND HILL

11.12 43 TOMLIN CRESCENT

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To construct, reconstruct, erect or place a building or structure on Lot 24, Plan 65M-2113, (43 Tomlin Crescent), in the Town of Richmond Hill, Don River Watershed. The purpose is to recognize the construction of a 3.1 m (10 ft 5 in) long, 1.5 m (5 ft 4 in) wide, 1.8 m (6 ft 6 in) deep basement walkout located at the side of an existing dwelling within TRCA's Regulated Area of the Don River Watershed. The works were constructed at 43 Tomlin Crescent, Richmond Hill without the benefit of TRCA or municipal permits. As such, an additional application fee of 100% was charged for this "after-the-fact" permit.

PERMIT APPLICATIONS 11.13 - 11.15 ARE MAJOR APPLICATION - ERRATA

Applications that involved a more complex suite of technical studies to demonstrate consistency with policies; applications that cover a significant geographic area (e.g. subdivisions, stormwater management ponds), extensive modifications to the landscape, major infrastructure projects, emergency works, resolution of violations/after the fact permits, trail construction.

CITY OF BRAMPTON

- 11.13 NEAMSBY INVESTMENTS INC.** 89
- 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 alter a watercourse on Part Lot 16, 17, Concession 4 EHS, (Mayfield Road and Bramalea Road), in the City of Brampton, Humber River Watershed as located on the property owned by Neamsby Investments Inc. The purpose is to grade, fill and construct within the Humber River Watershed to facilitate a road crossing over a realigned natural channel associated with an approved residential subdivision located at Mayfield Road and Bramalea Road in the City of Brampton.
- 11.14 WALLSEND DEVELOPMENT INC.** 92
- 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 alter a watercourse on Part Lot 16, 17, Concession 4 EHS, (Mayfield Road and Bramalea Road), in the City of Brampton, Humber River Watershed as located on the property owned by Wallsend Development Inc.. The purpose is to grade, fill and construct within the Humber River Watershed to facilitate two Stormwater Management ponds and outfalls associated with an approved residential subdivision located at Mayfield Road and Bramalea Road, in the City of Brampton.

TOWNSHIP OF KING

- 11.15 FANDOR HOMES** 94
- To construct, reconstruct, erect or place a building or structure, site grade and alter a watercourse on Lot 6, 7, Concession 9, (6178 King Road, 6190 King Road, 6202 King Road, 6220 King Road, 6230 King Road, 6260 King Road, 6288 King Road), in the Township of King, Humber River Watershed as located on the property owned by Fandor Homes. The purpose is to allow development and the alteration of a watercourse within a Regulated Area of the Humber River Watershed to facilitate the construction of a stormwater management (SWM) pond and associated outfall as part of the Via Moto subdivision (19T-12K01) located on lands known municipally as 6178, 6190, 6202, 6220-6230, 6260 and 6288 King Road, in the Township of King.

11.16 STANDARD DELEGATED PERMITS

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Standard Permits, including Emergency Infrastructure Works permissions, are implemented by Planning and Development Division staff and are received monthly by the Executive Committee. Standard Permits, including Emergency Infrastructure Works permissions, are subject to the authorization of designated staff appointed as Enforcement Officers, as per Authority Res.#A198/13, #A199/13 and #A103/15, respectively. All standard and emergency infrastructure works are non-complex permissions consistent with TRCA approved policies and procedures and issued for a time period of two years or less.

ADDED ITEM 11.17

PERMIT APPLICATION 11.17 IS A MAJOR APPLICATION - REGULAR

Applications that involved a more complex suite of technical studies to demonstrate consistency with policies; applications that cover a significant geographic area (e.g. subdivisions, stormwater management ponds), extensive modifications to the landscape, major infrastructure projects, emergency infrastructure works, resolution of violations/after the fact permits, trail construction.

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

11.17 CITY OF TORONTO

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To construct, reconstruct, erect or place a building or structure, site grade and temporarily or permanently place, dump or remove any material, originating on the site or elsewhere on, (northwest quadrant of Bayview Avenue below the Prince Edward Viaduct, near Castle Frank Road and Bloor Street East), in the City of Toronto (Toronto and East York Community Council Area), Don River Watershed as located on the property owned by City of Toronto. The purpose is to implement the first stage of the Don River and Central Waterfront project which involves the construction of a twenty one (21) m diameter stormwater shaft near the Bloor Street and Bayview Avenue ramp, in the City of Toronto. This shaft is one of five shafts proposed as part of a comprehensive program to greatly reduce combined sewer overflows (CSOs) flowing into the Don River. This shaft will be located south of Yellow Creek, near Bayview Avenue on an area used as a sports field by the Toronto District School Board, located just north of the Prince Edward Viaduct. The shaft will be constructed from the ground surface to connect to the 10.4 km long and 6.3m diameter tunnel located approximately fifty (50) meters below ground surface. The warm water construction timing window of July 1 to March 31 will apply to this proposal.

11.18 ERRATA UPDATE SHEET

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12. NEW BUSINESS

NEXT MEETING OF THE EXECUTIVE COMMITTEE #8/18, TO BE HELD ON OCTOBER 5, 2018 AT 9:30 A.M. AT HEAD OFFICE, 101 EXCHANGE AVENUE, VAUGHAN

John MacKenzie, Chief Executive Officer

/am

Section I – Items for Authority Action

TO: Chair and Members of the Executive Committee
Meeting #7/18, Friday, September 07, 2018

FROM: John MacKenzie, Chief Executive Officer

RE: **TORONTO AND REGION CONSERVATION AUTHORITY (TRCA) STRATEGIC PLAN – FIVE YEAR UPDATE**

KEY ISSUE

2018 update to *Building The Living City, the 2013-2022 Toronto and Region Conservation Authority Strategic Plan*

RECOMMENDATION

WHEREAS staff has proposed an update to *Building The Living City, the 2013-2022 Toronto and Region Conservation Authority Strategic Plan* as per previous Authority direction to review the full plan within five years;

WHEREAS the updated draft maintains the core strategic directions of the 2013 Strategic Plan document but includes updated desired outcomes and projected accomplishments arising from input from staff and stakeholders and which recognizes changes in TRCA's working environment;

THAT the proposed update to the 2018 TRCA Strategic Plan Update be approved subject to any input from the Executive Committee and Board Authority.

BACKGROUND

Building The Living City, the 2013-2022 Toronto and Region Conservation Authority Strategic Plan, was endorsed by the Authority at Meeting #3/13, on April 26, 2013. The Plan set out the direction for TRCA to continue working towards The Living City Vision, first endorsed by the Authority in 2003:

The quality of life on Earth is being determined in rapidly expanding city regions. Our vision is for a new kind of community, The Living City, where human settlement can flourish forever as part of nature's beauty and diversity.

Building The Living City outlined how TRCA would help realize The Living City Vision in its watersheds by protecting healthy rivers and shorelines, preserving greenspace and biodiversity, and contributing to the building of sustainable communities. Building on traditional TRCA strengths as well as more recent successes in emerging fields, *Building The Living City* charted a course for the organization to respond to the 21st century environmental and sustainability challenges facing the Toronto region, including unprecedented urbanization and a changing climate. Over the past five years, *Building The Living City* has shaped the priorities and programs of the TRCA.

When endorsing the Strategic Plan in 2013, the Authority anticipated the need to update it midway through its 10-year duration to ensure that it remained current and relevant. The Authority directed staff to "Review the full plan in five years, or earlier with cause to do so". TRCA has changed significantly over the past five years, and we can now understand potential future changes over the next five years in ways that we could not have anticipated in 2013. Further, we have learned from the first five years of implementing *Building The Living City*, and can use this knowledge to guide how we move forward. Therefore, the Authority direction to staff to update the Plan by 2018 remains appropriate and timely. Staff, under the direction of the CEO, began working on the review and update to *Building The Living City*, in late 2017.

RATIONALE

As an update of the existing Strategic Plan rather than a complete renewal, the overall framework of the Plan will be maintained, including the vision, mission, principles, and 12 core strategic directions. The strategic directions will continue to consist of the six leadership strategies that set out how TRCA will work to achieve The Living City Vision, and six enabling strategies that describe how TRCA will build capacity to allow that work to occur. Together, the core strategic directions are as follows:

Leadership Strategies:

1. Green the Toronto region's economy
2. Manage our regional water resources for current and future generations
3. Rethink greenspace to maximize its value
4. Create complete communities that integrate nature and the built environment
5. Foster sustainable citizenship
6. Tell the story of the Toronto region

Enabling Strategies

7. Build partnerships and new business models
8. Gather and share the best urban sustainability knowledge
9. Measure performance
10. Accelerate innovation
11. Invest in our staff
12. Facilitate a region-wide approach to sustainability

In the 2013 Strategic Plan document, each of these core strategic directions has a number of objectives that describes the intended outcomes of TRCA work in that area, as well as some of the key actions that were proposed for TRCA to move those objectives forward. The 2018 Update to *Building The Living City* evolves these objectives and actions to ensure that they are relevant to the changing context for the work of TRCA and that they reflect the lessons learned in implementing the strategic directions between 2013 and 2017. This was accomplished through the following:

- Dialog with leadership and staff from across the organization to document progress and lessons learned during implementation of the Strategic Plan between 2013 and 2017
- Consultation by the CEO and Senior Leadership Team with TRCA municipal partners and industry representatives
- An updated assessment of strengths, weaknesses opportunities and threats (SWOT) that informed *Building The Living City*, through research and consultation with staff
- Workshops with key staff leaders and subject matter experts to review and update the objectives and actions for each of the leadership and enabling strategies

The draft 2018 Strategic Plan Update will function as a companion document to *Building The Living City*, and consists of the following sections:

1. **Introduction:** A message from the CEO; a summary of the vision, principles and framework of 12 strategies from *Building The Living City* and the importance of a five-year update; and an overview of key challenges and opportunities TRCA will address in the coming five years.
2. **Updated overview of each Strategic Priority 2018-2022:** Updates to each of the 12 core strategies that includes:
 - a. Updated desired outcomes that describe what TRCA will be working towards over the next five years.
 - b. Key accomplishments from the first five years of the strategic plan.
 - c. Projected accomplishments in the coming five years.
 - d. Overview of how TRCA will measure its performance in progressing toward the projected accomplishments and desired outcomes.
3. **Executing and Maintaining Progress:** Description of how TRCA will put this plan into action, adjust as required and report on progress.

Item 8.1

The draft 2018 Strategic Plan Update is attached for the review and input of the Executive Committee and Board Authority. Subject to any input from Authority members and approval, staff will incorporate input into a final published document that will be broadly distributed in late Fall 2018.

DETAILS OF WORK TO BE DONE

- Authority to adopt the 2018 TRCA Strategic Plan Update, subject to incorporating any Member input at the Executive Committee and prior to or at the September 2018 Board Authority meeting.
- Staff to develop and publish a formal 2018 Strategic Plan Update document, to accompany *Building The Living City*, for communication of the Update to staff and external stakeholders.
- Staff to incorporate the 2018 Update into work planning, budgeting and financial management processes.
- Staff to align future work planning with the 2018 Update.
- Staff to develop metrics to track and report on progress towards the updated strategic goals.

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Date: August 13, 2018

Attachment: 1

**Five Year Update
to
Building The Living City, the TRCA 2013-2022 Strategic Plan**

DRAFT for Executive Committee Review

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Message from the CEO

When I became Chief Executive Officer of TRCA in November of 2017, I quickly recognized the value of the 2013-2022 TRCA Strategic Plan, *Building the Living City* in providing direction to our organization. *Building the Living City* outlines priorities and describes how the diverse range of TRCA programs move us towards our Living City Vision. That vision aspires to more than just healthy watersheds and protected natural spaces; it describes a future where communities in our region become more sustainable and prosper through the work of TRCA and our partners.

Since 2013, *Building the Living City* has helped guide our work and communicate to our partners and stakeholders how we were moving forward on shared priorities. The 12 core strategies of the plan remain sound and relevant, but updated strategic directions are needed to reflect a changing operating environment, achieve efficiencies in service delivery, better support our traditional mandate, and to achieve the objectives we share with our member municipalities and partners. We have updated and focused our priorities to reflect recent changes, as well as the priorities of our stakeholders, in order to guide our business planning and program delivery over the next five years.

Not only will this update provide direction to our operations, the refreshed desired outcomes and priorities will help guide the fundraising and stewardship efforts of The Living City Foundation which continues to help TRCA execute on key initiatives through partnerships and new business models. This update also forms the basis for tracking and reporting on our progress. TRCA annual reports will now be linked specifically to the outcomes and priorities outlined in this update, and we will evaluate our performance – including my own – on our success in achieving them.

The exchange of ideas that occurred in developing this update have led to more focused priorities for consideration by our Authority Board. I am confident that we have identified the right combination of ongoing programs, projects and renewed areas of focus, that align well with TRCA's mandated responsibilities and enable us to continue making a profound, positive impact on the environment and quality of life in our jurisdiction within one of the fastest growing regions in North America.

John MacKenzie
Chief Executive Officer
September 2018

1. Updating *Building The Living City*, the TRCA 2013-2022 Strategic Plan

Building the Living City is the 10-year Board Authority endorsed TRCA Strategic Plan that set the directions that TRCA is pursuing from 2013 to 2022. It was founded on the reaffirmation of our commitment to the ideals on which Ontario's Conservation Authorities were founded over 70 years ago, which are to safeguard and enhance the health and wellbeing of our watershed communities through the protection and restoration of the natural environment and the ecological services our environment provides. This 5-year Update renews this commitment, and TRCA's commitment to The Living City Vision:

"A new kind of community - The Living City - where human settlement can flourish forever as part of nature's beauty and diversity."

Our approach to working towards this vision remains anchored in our organizational mission:

"To work with our partners to ensure that The Living City is built upon a natural foundation of healthy rivers and shorelines, greenspace and biodiversity, and sustainable communities."

TRCA will continue to protect the integrity and health of the rivers and waters in the region, develop a system of green and natural spaces that sustains us and our local ecosystems, and advance the transition to sustainable living that will improve people's lives and reduce the region's environmental footprint.

The context for TRCA's work is complex and continuously evolving, making it important to adapt our strategic direction so that it remains relevant. Through this Update which comes at the mid-way point of the life cycle of the 2013-2022 Strategic Plan, we have reflected on what we have learned over five years of implementing *Building the Living City*. We have considered the changes that have occurred and will continue to occur in TRCA's jurisdiction with senior levels of government, the private sector, and with our member municipalities who themselves are adapting to changing environmental, social and economic realities.

We will continue to operate according to the framework of the 12 core strategies that were identified in *Building the Living City* - six *leadership strategies* that move us towards The Living City Vision, and six *enabling strategies* that strengthen the capacity of TRCA, its partners, and watershed communities to create positive impact. For each of those 12 core strategies, this Update will:

- Revise objectives with clear outcome statements that update and clarify our priorities, and strengthen our ability to measure and report on progress;
- Highlight key TRCA accomplishments that moved the strategy forward over the past five years;
- Identify key projected accomplishments that will help accelerate progress toward our desired outcomes.
- Outline opportunities to measure how effectively TRCA is progressing toward realizing the projected accomplishments.

2. Opportunities and Challenges

When developing *Building The Living City* in 2013, we accounted for priorities, issues and trends in the Toronto region, as well as factors and forces at provincial, national and international scales that could impact our work. While much of that context still applies today, over the past five years the world has changed in ways that affect our approach to fulfilling TRCA's mission. As we look forward to the next five years, here are some of the new opportunities and challenges that we will take into account.

Provincial Policy: Several recent Ontario legislative and policy updates touch directly on TRCA's core mandate and service areas. In light of these, we will provide expertise needed to help our municipal partners conform to new watershed planning policies and to conduct required asset management planning involving our assets and green infrastructure. We will update TRCA watershed plans to reflect the latest science and planned growth, and set renewed priorities for watershed planning and restoration. We will continue to link our watershed management activities with efforts to protect Lake Ontario, while identifying, demonstrating and sharing best practices in water management. We will continue to strive to achieve efficiencies in the delivery of permit reviews through coordination between our customers and member municipalities.

Climate: Our municipal partners recognize the vulnerabilities brought about by the changing climate. The associated risks and impacts in our region are increasing due to population and density growth, severe weather events, and aging infrastructure. Reducing the risk and potential for costly flooding, pollution and erosion damage is our primary objective. TRCA will support efforts by our member municipalities and senior levels of government to respond to climate risks by helping them build infrastructure that is more resilient to flood and erosion hazards, providing expertise in predicting the effects of climate on watersheds and communities, and leveraging our networks to connect them with the knowledge and technologies they need.

Urban (Re)Development and Continued Economic Growth in the GTAH: As redevelopment is proposed in our jurisdiction at an unprecedented scale, development proposals present new opportunities to improve water management, rebuild infrastructure, and make existing and new urban areas more livable and resilient. Meanwhile, population and employment growth together with intensification are decreasing available per capita greenspace and stressing existing parks and natural systems. TRCA will support municipalities with policy and design expertise for implementing innovative water management and green infrastructure solutions in developing and redeveloping urban areas. We will build support for the protection and acquisition of greenspace in urbanizing environments through our timely review of projects and plans taking into account regulatory requirements.

Collective Action: As the number of organizations engaged in environmental initiatives in the Toronto region grows creating more capacity and competition for government resources, there is increasing recognition of the need for regional-scale coordination to achieve efficiencies. Greater legal and public pressure is also being placed on government agencies to consult and engage more effectively with local indigenous communities and our diverse population. TRCA will use its strength as a convener to increase coordination and efficient delivery of services in the growing network of organizations and governments working on environmental issues in our jurisdiction. We will also reach out to indigenous communities and diverse populations to

engage them in designing and delivering education, stewardship and cultural heritage programs.

3. Strategy Updates

Strategy 1 – Green the Toronto region’s economy

Supporting the transition to a strong, green economy continues to be critical priority. Long-term prosperity in our jurisdiction, the region, and global sustainability requires industries and businesses to reduce the environmental footprint of our economy. It is also important to recognize more effectively that the green infrastructure industry and restoration economy, of which TRCA is a part, makes major contributions to regional economic development and community wellbeing.

Desired Outcomes

- 1. Additional sustainability measures implemented in new building developments and in retrofits of existing developments to reduce environmental impacts.**
- 2. Ecologically sound agricultural practices on TRCA managed lands that support community economic development and agricultural viability.**
- 3. Green infrastructure projects and training programs to support governments and industry in their efforts to renew and deliver efficient and resilient infrastructure and facilitate more sustainable developments.**

2013-2017 Accomplishments

Since 2013, we have:

- facilitated the market adoption of effective new green building practices and technologies throughout our jurisdiction. For example, in partnership with industry we piloted new construction technologies at The Living City Campus at Kortright Centre for Conservation; encouraged the adoption of more sustainable practices and new building technologies in new developments (e.g., Toronto Waterfront), and are designing a new head office that will demonstrate leadership in green office building design and construction.
- helped create and strengthen partnerships between public, private, institutions and non-profit sectors to support the adoption of green infrastructure policy and investments by senior levels of government across our jurisdiction through the Green Infrastructure Ontario Coalition, EcoHealth Ontario and the Ontario Climate Consortium.
- demonstrated TRCA’s commitment and capacity for helping newcomers and professionals with environmental expertise enter the workforce to support required green industry niches/skills through the Professional Access Into Employment (PAIE) program and through expert training sessions.

Projected Strategic Accomplishments (2018 – 2022)

- Be at the forefront of providing input into the development of provincial and municipal policies and guidelines relating to TRCA’s core objectives.

- Expand TRCA's fee-for-service work for governmental, private sector and not-for-profit stakeholders, to facilitate the efficient delivery of projects in areas of TRCA expertise.
- Seize opportunities for integrating more sustainable technologies and sustainable development certifications in the design and construction of new housing and employment projects in our jurisdiction.
- Expand the Partners and Project Green Eco-Zone program to include emerging employment areas across our jurisdiction.

Measuring our Performance

We will continue to track the environmental performance and greenhouse gas emissions of business that participate in TRCA Eco-Business zones and sector greening programs, and report on their environmental footprint using available data sources. We will work closely to track TRCA and partners' investments in green infrastructure; and we will work with our partners to measure ecosystem services as part of their asset management work to quantify the benefits of green infrastructure more effectively.

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

Clean water is a precious and limited resource that needs to be valued and protected. Urban development and unsustainable agricultural and industrial practices continue to negatively impact our rivers, streams and Lake Ontario. To safeguard our drinking water supply, the health of our aquatic ecosystems, and our communities, we need to continue to work with our partners to protect and restore water resources.

Desired Outcomes

- 1. Natural aquatic ecosystem functions within our watersheds are protected and enhanced using the best available tools and data to target investments for the best results.**
- 2. Toronto Region waterways are suitable for swimming, fishing, and recreational activities.**
- 3. Source water quality and quantity is maintained or improved.**
- 4. Known flood and erosion risks are being addressed by TRCA and our partners on a priority basis.**

2013-2017 Accomplishments

Since 2013, we have:

- played an instrumental role in protecting property and infrastructure from flooding at the Lower Don River and downtown Toronto to facilitate major redevelopments. For example, working with Waterfront Toronto and Infrastructure Ontario, TRCA reduced flood risks from more than 200 hectares of downtown Toronto, allowing redevelopment of the Pan Am Athletes Village and several major private sector projects to proceed.
- implemented over \$45 million in erosion risk management projects to protect public safety, essential infrastructure, recreational trails and treasured greenspace along our region's waterways including protecting major transportation, sewer and water systems that travel through the Regions of York, Durham, Peel and the City of Toronto.
- finalized the Toronto and Region Source Water Protection Assessment Report which identified vulnerable areas and potential future threats to municipal drinking water supplies to inform our review of projects and plans.

Projected Strategic Accomplishments (2018 – 2022)

- Work with our municipal partners to implement flood remediation, erosion monitoring, maintenance work, stormwater system retrofits, low impact developments, green infrastructure, and water quality and habitat restoration projects to realize more sustainable developments (e.g. Toronto Portlands).

- Engage with local communities, through our education, outreach, and watershed services teams to increase awareness about issues facing our water resources and their importance to our health and well-being.
- Monitor the health of our watersheds through the Regional Watershed Monitoring Program.
- Reduce flood risks and protect communities through continuous improvements to our flood forecasting and warning program.

Measuring our Performance

Water quality and biodiversity, monitored through TRCA's Regional Watershed Monitoring Program, will continue as the main indicators of aquatic ecosystem health. We will continue to maintain and improve our stream flow hydrology program and update our models for flood forecasting. We will track progress and success of completed erosion control and restoration projects among other objectives that facilitate redevelopment through our GIS-based tracking system. We will also use available information such as LiDAR and ortho imagery, and detailed surveys to monitor and evaluate the management of our water resources.

Strategy 3 – Rethink greenspace to maximize its value

The extensive ravine network and greenspace system of the Toronto region, which provides linkages through our communities and nature experiences within minutes of Toronto's downtown and our Urban Growth Centers, is a key part of our region's appeal and prosperity. Evidence from around the world increasingly demonstrates a clear connection between greenspace and the health and well-being of communities. As the population of the region continues to grow rapidly we need to sustain, improve and expand our system of protected greenspace in order to meet the needs of our communities while protecting our natural heritage.

Desired Outcomes

- 1. TRCA watershed communities benefit from a well-connected network of accessible greenspace.**
- 2. Our region's natural heritage system is protected to support, and where possible, enhance and maintain existing biodiversity and ecological functions.**
- 3. A larger total area of protected greenspace is achieved throughout our jurisdiction.**

2013-2017 Accomplishments

Since 2013, we have:

- completed major environmental assessments and studies such as the Scarborough Waterfront EA, Richmond Hill Corridor Conservation Reserve Master Plan, and Goodwood Tract Trail Plan to set the stage for flood protection, erosion works, and the development of accessible trails and newly restored habitats.
- supported municipalities in incorporating updated natural heritage system mapping and policies into their Official Plans and, as part of their asset management, helped them assess the state of their urban forests and develop long-term plans to maintain them.
- improved public access to greenspace by acquiring almost 700 acres of new public greenspace and partnered with government agencies, municipalities and NGOs to formalize over 800 kilometres of a regional trail system throughout our jurisdiction.
- worked with municipal social services departments to develop nature-based therapy programs to introduce diverse groups of users to TRCA owned greenspace.

Projected Strategic Accomplishments (2018 – 2022)

- Achieve the most appropriate use of TRCA's inventory of lands and facilities while respecting cultural heritage and environmental values.
- Invest in aging infrastructure across our Conservation Areas and public spaces in order to provide safe, accessible and functional facilities to the public.

- Secure, restore, and where appropriate, provide more accessible greenspace as part of the technical review of proposed projects and plans.
- Update TRCA's Terrestrial Natural Heritage System Strategy, the Regional Trail System, TRCA's Living City Policies and their associated technical guidelines to inform our technical reviews of projects and plans.
- Advance priority greenspace and community initiatives of the Living City Foundation, member municipalities and partners on flagship projects such The Meadoway, Tommy Thompson Park, Bolton Camp Redevelopment, and Black Creek Pioneer Village.

Measuring our Performance

In measuring our progress towards the desired outcomes for this strategy, our TRCA Regional Watershed Monitoring Program will continue to provide the information we need to assess the biodiversity and ecological function of our regional greenspace and green infrastructure. We will use GIS tools to inventory the existing extent of publicly owned and protected greenspace in our Region and to measure the amount of acquired greenspace through our work. GIS tools will also measure how greenspace is distributed throughout our watersheds and communities and help us monitor progress on restoration, erosion control and green infrastructure projects. To understand how our watershed community members are using greenspace we will engage them through surveys and other feedback tools.

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

Complete communities support the well-being of each resident by providing a full range of housing, transportation, community infrastructure and open space opportunities. In order to create complete communities, we need to incorporate livability and sustainability into new developments, while supporting the transformation and retrofitting of existing neighbourhoods to reduce their environmental footprint and increase their resilience.

Desired Outcomes

- 1. Greenspaces, green infrastructure and more sustainable developments that benefit community members to reduce environmental impacts with natural ecosystems integrated into all communities.**
- 2. Optimal access to TRCA owned or managed greenspace where feasible.**
- 3. A strong sense of place for all communities that is grounded in environmental health and sustainability, and recognizes and celebrates our natural and cultural heritage.**
- 4. Existing and new communities are planned to achieve a less impactful (e.g. lower carbon) environmental footprint**

2013-2017 Accomplishments

Since 2013, we have:

- conducted technical reviews to facilitate development and infrastructure projects across our jurisdiction including notable projects such as the Spadina Subway Extension, Regional Express Rail, 427 highway extension, redevelopments in the Vaughan Metropolitan Center, downtown Brampton, and projects in new employment areas of Caledon, Pickering, Brampton, Markham, Richmond Hill and Vaughan.
- supported our partner municipalities in integrating greenspace and green infrastructure into new and existing communities through initiatives such as retrofitting existing Storm Water Management ponds, terrestrial natural heritage system design, urban forest management and facilitating low impact development
- obtained City of Toronto and Garfield W. Weston Foundation support for Phase 1 of The Meadoway project that will transform the Gatineau hydro corridor in East Toronto and beyond into vibrant, biodiverse public spaces.
- initiated development of the next generation of TRCA watershed plans that will show how watershed protection can be integrated into new development and redevelopments.
- supported our municipal partners in addressing provincial requirements for hazards, watershed planning, and natural heritage in land use decision-making through developing guidelines and policies to inform their decisions.

Projected Strategic Accomplishments (2018 – 2022)

- Assist landowners and government partners to realize complete communities and environmental best practices in new developments.
- Assess our development review process with our municipal members, industry and other stakeholders to identify opportunities to facilitate more timely reviews.
- Provide value-added advice to protect natural heritage, reduce risk from flooding and erosion, reduce greenhouse gas emissions and restore habitats in the design of new communities and redeveloping areas.
- Work with industry and municipal partners to integrate natural heritage, elements of the Regional Trail Strategy, and green infrastructure into the design of new communities, and the redevelopment of older communities, at the earliest stage of the planning process in order to achieve vibrant award winning public spaces and multiple community benefits.
- Engage with our partner municipalities, the development industry, and professional associations to deliver professional development programs, conduct design charrettes and forums to achieve integrated sustainable community design in projects and plans.

Measuring our Performance

Measuring our progress towards our desired outcomes for this strategy will require reliance on existing information and in some cases new data. The land and vegetation cover data and trail mapping data collected by TRCA and our partner municipalities will allow us to assess our collective success in increasing the amount of greenspace and active transportation infrastructure passing through our lands. Projects including restored stream corridors and retrofitted ponds will be tracked in TRCA's (GIS) Iceberg database, the volume of permit reviews will be reported on, and the number of individuals receiving training and certifications through TRCA education and engagement will be tracked. Understanding community health needs may require new partnerships with public health authorities, while assessing 'sense of place' will involve surveys with staff and stakeholders in the development process and direct input from community members.

Strategy 5 – Foster sustainable citizenship

To foster engagement of community members, we need to build civic capacity by providing the tools and opportunities needed for community members to transition from participants into advocates and leaders. We can also facilitate a two-way dialogue with community members to ensure that local knowledge, ideas and concerns are integrated into decision-making by governments and agencies.

Desired Outcomes

- 1. Improved community understanding of important environmental issues and the work being done by TRCA to protect the environment and make the region more sustainable.**
- 2. More frequent engagement by community members in nature-based educational, recreational activities, and sustainability actions.**
- 3. Strong community leadership in, and ownership of, watershed planning, community planning, and sustainability initiatives.**

2013-2017 Accomplishments

Since 2013, we have:

- led the Environmental Leaders of Tomorrow program that helps school-aged children make important connections with nature, and challenges them to develop their ecological literacy and leadership skills.
- established a Regional Watershed Alliance to enable engagement in watershed management issues, whose membership is comprised of citizen representatives, politicians, municipal and NGO representatives.
- increased public awareness of the value of energy and water conservation through educational activities delivered by our Education, Training and Outreach and Community Transformation teams.

Projected Strategic Accomplishments (2018 – 2022)

- Provide increased engagement opportunities for stakeholders of all ages that build environmental, sustainability and climate awareness and promote leadership within communities including training and capacity building.
- Develop a greater diversity of nature-based programs to attract a wider range of community participants in TRCA programs.
- Work with The Living City Foundation (LCF) to secure funding, community awareness and involvement around TRCA and LCF flagship projects including The Meadoway, Tommy Thompson Park, Black Creek Pioneer Village, Bolton Camp redevelopment and the “Look After Where You Live” program.

- Engage school boards and governments in discussions on how to achieve cost efficient and equitable access for students to curriculum out of class nature – science based education activities.

Measuring our Performance

We will track participation rates in TRCA and Living City Foundation programs and events, generate data to track participation in outdoor activities, and adjust programs based on data captured on use of TRCA destinations and programs. We will also specifically monitor youth and elementary aged children participation rates in TRCA environmental education programs and planning initiatives. We will map school participation rates in a geospatial database, and report on corresponding demographic, health, academic and other relevant data.

Strategy 6 – Tell the story of the Toronto region

Equipped with a strong sense of place, community members are more likely to be champions for their communities, for their local environment, and for conservation. TRCA will help to tell the story of the region's rich history through a range of voices and perspectives that fully represent our cultural diversity. By engaging all community partners in this conversation, we will remember, teach and celebrate the experiences that form our individual and shared identities.

Desired Outcomes

- 1. All community members celebrate the natural heritage, cultural heritage and diversity of the Toronto Region.**
- 2. Additional engagement of indigenous communities and a broad range of diverse communities in the design of our education and stewardship programs.**
- 3. Reflection of the diversity of the Toronto region in TRCA programs.**
- 4. Preservation and restoration of historic TRCA assets and the recognition and communication of their cultural significance.**

2013-2017 Accomplishments

Since 2013, we have:

- established Bolton Camp by purchasing 254 acres of property and 50 historic buildings in the Town of Caledon, and launched a plan led by our Education, Training and Outreach team to re-purpose the site as a community cultural hub.
- preserved and promoted the cultural heritage of European settlement in our region by investing in a new collections management database and environmental control system to ensure that artifacts at Black Creek Pioneer Village will be preserved for future enjoyment and education; and curated *Breaking the Silence: Stories of the British Home Children, 1869-1948*, an exhibit at Black Creek Pioneer Village that was recognized with the Ontario Museum Association's 2016 Award for Excellence in Exhibitions.
- repurposed several of our historic buildings and properties for innovative programming and community activities that have allowed our cultural heritage to be shared with new audiences.

Projected Strategic Accomplishments (2018 – 2022)

- Develop a clear and consistent identity and corporate brand for TRCA and build TRCA's visibility through formal and informal communication channels.
- Integrate cultural heritage broadly throughout TRCA programming with a focus on fun, learning, and personal stories.

- Continue to engage the region's diverse communities including our indigenous communities to tell their stories and recognize their contributions, and develop community events that celebrate cultural heritage.
- Update our Archaeological Master Plan with information obtained from reviews and studies.
- Seek historic designations for our buildings, as well as new sources of funding for their restoration re-use, and maintenance, where applicable.
- Focus on developing information that is accessible and engaging using a variety of mediums, including digital technology.

Measuring our Performance

We will continue to track our efforts to tell the story of the Toronto region through media analysis including both print and social media. We will continue to track visitor rates for our cultural heritage destinations such as Black Creek Pioneer Village. We will track our progress on addressing costs of heritage buildings through asset management planning. We will also explore new methods of tracking our efforts including satisfaction surveys, online reviews and user rates of historic properties.

Strategy 7 – Build partnerships and new business models

Securing stable funding and resources to carry out our mission remains an ongoing priority for TRCA. New opportunities for funding and collaborative arrangements are emerging; but at the same time competition for funding and resources is increasing. The economic landscape that supports TRCA and its work is shifting, and TRCA must continually assess and respond to changes affecting funding and resources.

Desired Outcomes

- 1. Sustainable business models to fulfill all TRCA Strategic Plan goals**
- 2. Working with the Living City Foundation to ensure capacity to deliver on TRCA and partner priorities through more diversified funding sources.**
- 3. Ensure our networks and strong relationships with senior levels of government are leveraged to accelerate progress on member municipality objectives.**

2013-2017 Accomplishments

Since 2013, we have:

- upgraded our business services by implementing more centralized financial reporting for our all our programs, and developed a consistent, organization-wide approach for managing formal agreements with our municipal partners, agencies, and other organizations for TRCA services on a cost-recovery basis so as to improve and streamline service delivery and diversify revenues.
- explored new business models that include partnerships with private companies that use our properties for innovative purposes such as night life programs at Black Creek Pioneer Village, Treetop Trekking at Bruce's Mill and Heart Lake Conservation Areas, and Wet 'n' Wild at Claireville Conservation Area.
- grown our capacity to deliver fee for service capital projects for our member municipalities such as the East Don River trail, Scarborough Waterfront EA, the Lakeview waterfront connection with the Region of Peel and Credit Valley Conservation Authority, and Lower Don River Flood Protection projects.
- Obtained federal grants, e.g., National Disaster Mitigation Program grants, to conduct the flood studies and analyses required to inform key growth and infrastructure projects.

Projected Strategic Accomplishments (2018 – 2022)

- Continue to diversify TRCA's financial capacity by leveraging government funding to attract private sector funding through the Living City Foundation.
- Raise the profile of our Foundation, by working together to advance flagship initiatives and by opening doors to new funding opportunities.

- Advance new business models to maintain assets and ensure efficient program delivery.
- Develop a clear and consistent identity and leadership voice for TRCA and build TRCA's visibility through our Corporate Branding Strategy, media exposure, events, conferences and partnerships.
- Establish service rates consistent with other service providers as part of our plan for growing TRCA's fee-for-service work.

Measuring our Performance

We will continue to track core metrics such as the amount of funding we receive from different sources, and evaluate the success of new business models. We will also explore new performance metrics, such as the number of partnerships by type, retention rate of partnerships, and conduct satisfaction surveys of our partners as we deliver our fee for service work.

Strategy 8 – Gather and share the best sustainability knowledge

TRCA is part of a network of thought leaders striving to address a range of urban sustainability issues, including watershed management, climate change mitigation and adaptation, and ecosystem conservation. We are recognized for our expertise by researchers, practitioners and community members, and are well positioned to help generate and mobilize the knowledge needed to answer our most urgent environmental challenges.

Desired Outcomes

- 1. Community members have access to TRCA research and data, and other leading science, to convey a clear picture of the environmental health of watersheds in our jurisdiction.**
- 2. Community and infrastructure planning, design, operation and renewal in our partner municipalities is informed by the best sustainability knowledge and research, including TRCA data and studies.**
- 3. TRCA programs and projects are evidence-based and informed by both high-quality local research and global best practices.**

2013-2017 Accomplishments

Since 2013, we have:

- updated our flood warning systems, flood mapping and modelling, and risk assessments, and worked with our partner municipalities to develop flood remediation plans to reduce flood risk, and enhance emergency response. This work has included working with stakeholders to conduct updated studies for flood-prone Special Policy Area communities to provide guidance on risk mitigation and other measures required to facilitate safe redevelopment.
- finalized the Toronto and Region Source Water Protection Assessment Report which identifies vulnerable areas and potential future threats to municipal drinking water supplies to inform our review of projects and plans.
- developed the Integrated Restoration Prioritization process which strategically directs TRCA restoration work to provide maximum benefit for the ecological health of our watersheds, and the TRCA Guideline for Determining Ecosystem Compensation which outlines required mitigation when a decision to impact a feature is made as a last resort.

Projected Strategic Accomplishments (2018 – 2022)

- Increase collaboration with governmental, private sector and not-for-profit stakeholders to develop leading-edge sustainability knowledge.
- Continue to demonstrate leading-edge community energy efficiency and sustainable design practices in our facilities including at the Living City Campus at Kortright.

- Bring together agencies and institutions working on protection and restoration in our jurisdiction to maximize efficiencies and to ensure the best science and data is leveraged in the delivery of programs and projects.
- Deliver knowledge sharing events to professionals in the fields of environmental engineering, restoration ecology and climate change resilience.
- Undertake pilot collaborations with industry and partners to determine and demonstrate which TRCA data are most useful in supporting sustainable practices, and how best to provide access to that data to achieve more sustainable development.

Measuring our Performance

We will monitor how TRCA data are accessed and used, both internally by staff and externally by our partners, and seek user feedback in order to improve the value of this information. We will also invite reviews from participants in our knowledge sharing events and programs. We will leverage government and partner knowledge and scientific data in our programs where it makes sense. In addition, we will explore a range of newly established global indicators to measure the implementation of sustainability best practices in local community design and retrofit projects.

Strategy 9 – Measure performance

Measuring our performance at TRCA and in our jurisdiction helps us understand what we are doing well and what we still need to do to achieve our goals. We must use what we learn from progress measurement to adjust our policies and priorities, achieve our mandate, improve programs and projects, and reallocate resources to where they will deliver the greatest impact for our partners.

Desired Outcomes

- 1. Decision making about planning, growth and development in our jurisdiction is evidence-based and draws on indicators of environmental, social, and economic well-being.**
- 2. All TRCA programs and major projects are designed using the best possible monitoring measures to ensure that program activities will help realize desired strategic outcomes.**
- 3. A common understanding about environmental and sustainability goals, targets and measurements in our jurisdiction that facilitates collaboration and collective action.**

2013-2017 Accomplishments

Since 2013, we have:

- built and implemented our internal Centralized Planning and Reporting (CPR) database that tracks all of TRCA's programs and projects, including deliverables, performance metrics and strategic alignment.
- produced the set of 2013 and 2018 Watershed Report Cards which reported the state of health of terrestrial and aquatic ecosystems in all TRCA watersheds and our waterfront.
- produced the 2016 update to The Living City Report Card, which tracks progress on the environmental health and sustainability performance in our jurisdiction, delivered using new, creative communications, including The Living City Art project.

Projected Strategic Accomplishments (2018 – 2022)

- Invest in digital technologies which will allow the organization to better measure and communicate TRCA's value proposition.
- Improve and enhance our internal CPR system by developing consistent reporting measures including key performance indicators (KPIs) and targets to measure progress towards our strategic outcomes and to report on the impact of TRCA work.

- Produce updated Watershed and Living City Report Cards on a regular basis to help the public, stakeholders and community members understand the health of TRCA watersheds.
- Work with industry, government and partners to highlight successful projects in journals and publications where innovative approaches have been used.

Measuring our Performance

The CPR database has become central to our planning and decision-making at TRCA. We will continue to revise and update the CPR database to be able to track not just our activities but also our impact. We will work with our partners to standardize and integrate environmental and sustainability data across our jurisdiction and to make decisions informed by the best evidence.

Strategy 10 – Accelerate innovation

To address the complex growth and sustainability challenges of the region, TRCA must accelerate the pace of innovation. We must purposefully create the conditions for innovation and continuous improvement and share these innovations with our partners throughout the region to advance our shared objectives in sustainability.

Desired Outcomes

- 1. Recognition for our member municipalities and TRCA as leaders in sustainability innovation.**
- 2. Staff are supported in piloting innovative ideas to address sustainability challenges, and to help generate optimal results from finite resources.**

2013-2017 Accomplishments

Since 2013, we have:

- implemented green infrastructure and other innovative techniques across the region to restore waterfronts, valleys, forests and wetlands to protect water resources and ecosystem health.
- developed advanced models to ensure restoration activities are targeted in the most cost efficient and ecologically important way.
- implemented new approaches to plant propagation to ensure there are enough trees, shrubs and wetlands plants available for TRCA and partner ecological restoration projects.
- demonstrated innovative partnerships and business models for accelerating sustainability progress in the Toronto region, including the Living City Campus, our Sustainable Neighbourhood Retrofit Program and Partners in Project Green.

Projected Strategic Accomplishments (2018 – 2022)

- Open TRCA's head office in 2021, which will demonstrate innovative green building practices.
- Expand TRCA's fee-for-service consulting work to help address member municipality and partner objectives.
- Continue to host knowledge sharing events such as the TRCA and International Erosion Control Association (TRIECA) Conference.
- Develop user-friendly planning tools that identify how flood risks can be reduced and how ecosystems can be protected and restored recognizing urban growth and climate change.

- Work closely with partner municipalities and private industry to monitor, evaluate and pilot new innovative technologies in our work.
- Seek input from staff and support staff efforts to develop innovations that improve program delivery.
- Conduct a staff survey on a regular basis to highlight progress on staff related initiatives and to determine opportunities for continuous improvement.

Measuring our Performance

We will measure our performance internally by tracking new program adoption and expansion, as well as surveying our staff to ensure they feel supported in taking innovative approaches to achieve program goals. We will track attendance at TRCA led forums and symposiums on innovative practices and the number of TRCA-led and partnership innovations recognized in journals and publications. Working with partners to track sustainability in the region as a whole, we will assess our progress using leading innovation indices and urban regional environmental performance indicators.

Strategy 11 – Invest in our staff

TRCA employees build and deliver our programs, provide service to our clients and the public, and respond to the challenges and opportunities that allow TRCA to complete our mission. TRCA needs knowledgeable, talented, and motivated staff equipped with tools to undertake our complex work efficiently and effectively. With talented workers being increasingly discerning, it is more important than ever for TRCA to invest in hiring, developing, supporting, and retaining high performing staff.

Desired Outcomes

- 1. All staff are informed and supported to effectively perform their roles.**
- 2. A healthy work / life balance that promotes wellness for all staff.**
- 3. All staff understand how their daily work connects to the strategic goals and priorities of TRCA.**

2013-2017 Accomplishments

Since 2013, we have:

- started the implementation of our Business World software system to integrate our internal financial management systems and to make tracking and reporting easier for staff.
- developed stronger internal Training Commitment, Professional Development, and Performance Management programs, and conducted our TRCA Employee Culture survey.
- developed the digital Staff HUB, our internal digital communication platform, that helps staff connect with each other and access the information and tools they need to do their jobs well.
- standardized and improved our hiring process through our Employee Complement Management program.

Projected Strategic Accomplishments (2018 – 2022)

- Prepare new policies, procedures, standards and guidelines for how TRCA employees interact with the organization and customers.
- Introduce streamlined methods for communicating the organization's key successes and areas for improvement, both internally and for our stakeholders.
- Implement a Human Resources Information System (HRIS) to streamline human resources and payroll services.

- Strengthen our HR and Corporate Services teams to ensure necessary training for staff and to better support employee performance and wellness.
- Encourage interdisciplinary and interdepartmental teams on projects and plans.
- Create a TRCA Succession Plan that identifies future leaders and ensures business continuity.

Measuring our Performance

The annual staff survey will continue to be an effective tool to help assess staff satisfaction regarding access to tools and information needed to do their jobs well. Our new HRIS will track and monitor training for staff. Other measures, such as the introduction of new policy and guidelines, staff retention and progression and participation rates in work/life balance programs, can also be used to assess our progress towards our desired outcomes.

Strategy 12 – Facilitate a region-wide approach to sustainability

Around the world, urban regions are becoming connected across their constituent municipal boundaries to tackle pressing sustainability challenges, including greenhouse emissions reduction, climate resilience, transit and transportation, food security, waste management and watershed conservation. To achieve our shared goals of a green, sustainable, prosperous Living City region, the TRCA must build on its history of bringing stakeholders together from across watersheds in our jurisdiction to facilitate the next generation of regional collaboration on today's challenges.

Desired outcomes

- 1. TRCA initiatives are coordinated with member municipalities and partners to address the most important environmental issues in our jurisdiction.**
- 2. Stakeholders across the region collaborate effectively to advance action on sustainability issues with major, measurable impact.**

2013-2017 Accomplishments

Since 2013, we have:

- launched the Regional Watershed Alliance, which serves as a forum for collaboration and information sharing on environmental issues across the TRCA jurisdiction.
- assisted CivicAction in examining the future of regional collaboration for sustainability in the Toronto region.
- engaged and supported member hospitals in our Greening Health Care program to achieve major GHG emissions reductions, water savings, energy savings and cost reductions.
- with other Conservation Authorities, established the Greater Golden Horseshoe Conservation Authorities Coalition to ensure a coordinated response on regional initiatives such as inter-jurisdictional infrastructure projects.

Projected Strategic Accomplishments (2018 – 2022)

- Develop Master Service Agreements and Fee-For-Service Arrangements with member municipalities to help them achieve their sustainability objectives.
- Publish the Living City Report Card and Watershed Report Cards to provide clear indicators of environmental health within our jurisdiction.
- Ensure that updated TRCA plans and strategies are leveraged in updates to municipal official plans and in provincial and regional infrastructure initiatives.

- Expand the Partners and Project Green Eco-Zone program to include emerging employment areas in our jurisdiction.

Measuring our Performance

Indicators in our Watershed and Living City Report Card will be used to measure success. Board reports on major projects such as The Meadoway, Scarborough Waterfront EA and others will track success and ensure strong controls and monitoring of signature TRCA and Living City Foundation projects.

4. Executing and Maintaining Progress on our Updated Strategic Plan

Each of the 12 strategic priorities in this update to TRCA's Strategic Plan has been assigned a list of projected accomplishments through 2022 that will accelerate TRCA's progress toward our desired outcomes. Achieving these organizational five-year performance goals requires combined efforts across multiple TRCA and Living City Foundation service areas and teams.

We will identify process actions that we will need to undertake, or continue, to meet our performance goals. These actions, consisting of programs, projects and special initiatives, will make up the day-to-day work plans of TRCA divisions, business units, and staff.

In order to confirm that our plans are translating into the accomplishments and outcomes we want, we will need to continuously measure our performance. We will track, on an ongoing basis, whether we are effectively completing our process actions and whether those process actions are moving our performance goals forward, and we will provide updates in our Annual Reports and as Authority Board items. If we are not seeing adequate progress, we will make course corrections and adjust accordingly. Also, we will continue to report on the progress that TRCA and its partners are making towards our desired outcomes through regional environmental reporting initiatives such as TRCA watershed report cards and The Living City Report Card.

Finally, we will invite our municipal members, partners and stakeholders across our jurisdiction to provide feedback on how successful TRCA has been in facilitating regional action and collaboration when we publish our annual reports, and as information items that come forward for Regional Watershed Alliance and Board Authority consideration.

Section I – Items for Authority Action

TO: Chair and Members of the Executive Committee
Meeting #7/18, Friday, September 07, 2018

FROM: Michael Tolensky, Chief Financial and Operating Officer

RE: **BOLTON CAMP PROJECT – HIGH VOLTAGE ELECTRICAL WORKS**
Award of Contract #10008637

KEY ISSUE

Award of Contract #10008637 for supply of all labour, equipment and materials necessary for high voltage electrical works in support of the Bolton Camp Project, in the Town of Caledon.

RECOMMENDATION

THE EXECUTIVE COMMITTEE RECOMMENDS THAT Contract #10008637 for the supply of all labour, equipment and materials necessary for high voltage electrical works at Bolton Camp, in the Town of Caledon be awarded to Aline Utility Ltd. at a total cost not to exceed \$181,720, plus HST, as they are the lowest bidder that best meets TRCA specifications;

THAT TRCA Staff be authorized to approve additional expenditures to a maximum of 15% of the contract cost as a contingency allowance if deemed necessary;

THAT should staff be unable to execute an acceptable contract with the awarded contractor, staff be authorized to enter into and conclude contract negotiations with the other contractors that submitted tenders, beginning with the next lowest bidder meeting TRCA specifications;

AND FURTHER THAT authorized TRCA staff be directed to take any action necessary to implement the contract including obtaining any required approvals and the signing and execution of documents.

BACKGROUND

Bolton Camp opened in 1922, acting as a Fresh Air Camp for mothers with small children and boys and girls from low income families. It was operated by The Neighborhood Workers Association of Toronto and spanned over 103 ha (254 acres) of hillside and forest. In its first year it is estimated that 160 city children and their mothers traveled from Toronto to the Bolton Camp site. During the great depression of the late 20's and 30's this camp was a bright place for many disadvantaged kids to escape the heat and extreme poverty of the city. The camp was available free of charge to many families (on a case by case basis) through the Fresh Air Fund. During this time, there were a total of four separate camps which shared property and resources - Rotary, Sherbourne, Hastings and Howell.

As WWII began, Bolton Camp served as a Cadet Training Centre for the Oakville High School Cadet Corps. After the war ended, the site continued to operate as a camp for underprivileged youth with approximately 169 buildings serving more than 5,500 campers at its peak. An outdoor education and conference centre was added in 1972, and the Ruth Atkinson Hindmarsh Family Lodge in 1984 to accommodate new programming and provide services for a wider audience. The camp closed its doors in 1999 after 77 years of operation and has remained mostly closed since

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that date, with Toronto Montessori operating a school on the conference centre portion in the early 2000's.

At Authority Meeting #5/10, held on June 25, 2010, Resolution #A102/10 was approved, in part, as follows:

THAT a partial taking containing 105.6 hectares (260.91 acres), more or less, consisting of an irregular shaped parcel of land improved with in excess of 30 buildings and a private water system and sewage system including two sewage lagoons, said lands being Part of Lots 7, 8, 9 and 10, Concession 8, Albion, Town of Caledon, in the Regional Municipality of Peel, municipally known as 13540-13650 Caledon-King Townline South, be purchased from the Hi-Lands of Bolton Corp.;

Since the purchase of the property, TRCA staff has been consulting with municipal partners and community groups on redevelopment of the property and how the site should be utilized. Through this process, staff has developed a concept plan for re-purposing Bolton Camp from its previous use as an overnight summer camp for youth and families of Toronto to an outdoor centre for participants of all ages. Proposed programming at the renewed Bolton Camp may include adventure, sports and fitness activities, community art and culture programs, outdoor education and training, leadership development and social entrepreneurship opportunities.

TRCA is now requesting approval to replace the existing high voltage electrical infrastructure at Bolton Camp. The proposed high voltage electrical works is a mandatory requirement to comply with current code future growth of the property and is a necessary requirement of the Phase 1 redevelopment process.

TRCA's assigned project manager will ensure that all works to be undertaken will be coordinated with the contractor and staff with responsibility for the management and operation of Bolton Camp. This measure will help to minimize potential impacts and sustain normal operations, access, and program delivery during construction.

RATIONALE

Request for Tender #10008637 was publically advertised on the electronic procurement website Biddingo (www.biddingo.com) on July 12, 2018 with a mandatory site information meeting held on July 19, 2018. The following contractors attended this meeting:

- Ainsworth Power;
- Aline Utility;
- Black and McDonald Ltd;
- Dawson's Inc;
- Dilisado Enterprises;
- PBW High Voltage;
- Sturdy Power Lines;
- Tiltran Power Services; and
- Tristar Electric Inc.

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The Procurement Opening Committee opened the tenders on August 2, 2018 with the following results:

BIDDERS	TOTAL TENDER AMOUNT (excl. HST)
Aline Utility Limited	\$ 181,720
PBW High Voltage	\$ 206,648
Tiltran Power Services	\$ 239,674
Tristar Electric Inc.	\$ 287,340
Sturdy Power Lines Ltd.	\$ 288,074
Black & McDonald Limited	\$ 299,862

TRCA staff reviewed the bid received from Aline Utility Limited against its own cost estimate and has determined that the bid is of reasonable value and also meets the requirements as outlined in the contract documents. Further assessment by TRCA staff of Aline Utility Limited's experience and ability to undertake similar projects was conducted through reference checks, which confirmed that Aline Utility Limited is capable of undertaking the scope of work.

Based on the bids received, staff recommends that Aline Utility Limited be awarded Contract #10008637 for supply of all labour, equipment and materials necessary for high voltage electrical works at Bolton Camp, in the Town of Caledon for a total amount not to exceed \$181,720 plus 15% contingency, plus HST, it being the lowest bid that meets TRCA specifications.

FINANCIAL DETAILS

Funding for this project is made available from the Region of Peel 2017 Capital Levy via Account 433-09.

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Section I – Items for Authority Action

TO: Chair and Members of the Executive Committee
Meeting #7/18, Friday, September 07, 2018

FROM: Nick Saccone, Senior Director, Restoration and Infrastructure

RE: **BLUFFER’S PARK CHANNEL DREDGING**
Award of Contract #10008665 for Maintenance Dredging of the Bluffer’s Park Entrance Channel, City of Toronto

KEY ISSUE

Award of Contract #10008665 to complete maintenance dredging of the navigation channel at Bluffer’s Park in the City of Toronto.

RECOMMENDATION

THE EXECUTIVE COMMITTEE RECOMMENDS THAT Contract #10008665 be awarded to Galcon Marine Ltd. for the maintenance dredging of the navigation channel at Bluffer’s Park in the City of Toronto at a total cost not to exceed \$211,250.00 plus HST, it being the highest ranked bidder that best meets Toronto and Region Conservation Authority (TRCA) specifications;

THAT TRCA staff be authorized to approve additional expenditures to a maximum of \$42,250.00 as a contingency allowance if deemed necessary;

AND THAT if the contingency is not required when the work is nearing substantial completion, that staff be allowed to authorize the Contractor to remove additional sediment from the channel with these funds to maximize capacity;

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

BACKGROUND

In 1981 Bluffer’s Park opened at the foot of Brimley Road as a waterfront park in the former Borough of Scarborough, now City of Toronto. Included within the park is a commercial marina as well as four boating clubs that access Lake Ontario by way of the entrance channel.

Due to coastal and sediment transport processes, the navigation channel is susceptible to deposition of sand and other material. This deposition reduces the depth of water in the navigation channel and can severely impact the ability to safely navigate boats through the area, including marine-based emergency access, if left unaddressed. The channel bed is owned by the federal Department of Fisheries and Oceans (DFO), however the City of Toronto is responsible for maintaining safe navigation depths as per its lease agreements with the boating clubs. TRCA assists the City on request with the dredging given staff’s experience with marine-based construction.

Sedimentation rates are expected to decline substantially in the channel over the long-term following the armouring of the Meadowcliffe sector of the Scarborough Bluffs shoreline in 2011, which was identified as the primary source of material depositing in the channel. Furthermore,

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the Scarborough Waterfront Project has proposed changes to the hardpoint to the east of the channel that should further reduce sedimentation rates in the future. However, until the large deposit of sand in the nearshore east of the channel is depleted from cutting off the supply from the Meadowcliffe Sector, and the structural changes to the hardpoint at Bluffer's Park are implemented, maintenance dredging of the channel can be expected to continue, albeit at a declining volume over time.

In early 2008, concerns of insufficient water depths in the entrance channel were brought to TRCA's attention by members of the boating clubs. TRCA notified the City of Toronto (Parks, Forestry & Recreation) of the hazard, who in turn retained TRCA to undertake maintenance dredging later that summer. Upon completion of the 2008 dredging project, approximately 1,700 cubic metres of sediment was removed from the entrance channel; a relatively minor amount compared to the more than 70,000 cubic metres of sediment which is estimated to have accumulated over the more than 30 years since the entrance channel was constructed. Recognizing that the maintenance work restored only the minimum depth required for safe passage through the channel, with no allowance provided for ongoing siltation, it was communicated by TRCA staff to the City of Toronto that future maintenance dredging would likely be required.

In 2010, insufficient water depths in the entrance channel were again brought to TRCA's attention. In response, TRCA completed a hydrographic survey of the entrance channel in April 2010 to provide updated information to the City of Toronto and determine the appropriate course of action. The survey showed that a large sand bar formed laterally across the entrance channel, reducing water depths to approximately 1.5 m and creating a risk to the members of the boating community who require a minimum draft of 1.8 m below chart datum for safe passage. As a result of shallow water in the entrance channel, the boat of a Cathedral Bluffs Yacht Club member got stranded on the sand bar on the evening of April 26, 2010, requiring rescue. Although no injuries were reported, it is noted that the draft on the stranded boat was 1.4 m, confirming that the low water levels and ongoing sedimentation issues were increasing risk to boater safety.

Emergency dredging was completed within the entrance channel in June 2010, allowing for approximately 3,500 cubic metres of sediment to be removed. Unfortunately, a sounding completed by TRCA on May 9, 2011 revealed that more than 2/3 of the volume removed 11 months earlier had re-accumulated, and another dredging project was subsequently carried out later that year.

Dredging of the entrance channel has been completed four times since 2011, in 2013, 2014, 2016 and 2017, to address the results of hydrographic surveys completed by TRCA in the spring of each year. Dredging was not required in 2012 or 2015 based on these same surveys, allowing the City of Toronto to reallocate funding to other Parks, Forestry and Recreation (PF&R) priorities.

In April 2018 TRCA completed a hydrographic survey and determined that only 200 cubic metres of sediment is required to meet minimum navigation requirements. This substantial reduction from an average of 3,500 cubic metres annually is a result of over-dredging in 2017, which was done to source and recycle clean sand from the channel to restore various beaches along the Toronto waterfront that suffered significant erosion and other damage following the historic high lake levels during the spring and summer that year.

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Using average unit rates from previous dredging projects, staff estimate that approximately 2,500 cubic metres of sediment can be removed from the channel in 2018 with a budget of \$340,000. It is noted that TRCA has recommended that the City of Toronto consider completing a major sediment removal exercise to restore the channel to its original design condition as it is costly to mobilize and demobilize marine equipment on an annual basis; however, the City has been unable to approve this larger budget request to date.

Sediment samples were collected from the channel and sent for laboratory analysis to determine disposal options for the dredgeate. Based on the results of these analyses, the sediment meets Ministry of the Environment, Conservation and Parks Table 1 background data meaning that the material meets unconfined disposal guidelines. Given that on-site disposal is the most cost-effective solution and site disturbance is expected to be minimal, permanent disposal of the dredgeate is to be placed along the east beach above the high water mark to prevent re-deposition into the entrance channel.

RATIONALE

Request for Proposals (RFP) #10008665 was publicly advertised on Biddingo.com on July 13, 2018, and a mandatory site meeting was held on July 19, 2018. The following contractors attended this meeting:

- Galcon Marine Ltd.; and
- Dean Construction Company Ltd.;

Bids were opened at the Procurement Opening Committee meeting held on August 2, 2018 by TRCA staff (Jet Taylor, James Dickie, and Lisa Moore).

Members of the Selection Committee, consisting of TRCA staff reviewed the proposal submissions and evaluated them on a weighted scoring system consisting of 50% reasonableness of cost, 30% corporate experience and resources and the remaining 20% on the reference check. Along with unit rates for the channel maintenance dredging, bidders were to include company resources, relevant experience, references, and health and safety certificates to ensure TRCA is receiving good value for services. From the evaluation, the highest ranked Bidder is selected to complete the works. The table below summarizes the results of RFP #10008665 assuming removal of 2,500 cubic metres of sediment.

RFP # 10008665
Bluffer's Park Project – Channel Dredging Works

BIDDERS	MOBILIZATION/ DEMOBILIZATION	DREDGING (\$/m³)	DISPOSAL (Bluffers East Area \$/m³)	TOTAL (plus HST)	Overall Ranking
Galcon Marine Ltd.	\$80,000.00	\$28.50	\$24.00	\$211,250.00	1
Dean Construction Ltd.	\$210,889.20	\$145.00	\$30.70	\$650,139.20	2

The main tender items that varied substantially between contractors were the proposed mobilization/demobilization cost and the dredging cost. The difference in pricing between mobilization/demobilization is based on the location of the contractor's equipment relative to the

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work area and cost associated with transporting their machinery to the site. Galcon Marine Ltd. intends to mobilize by water from Keating Channel and has priced their mobilization accordingly. Dean Construction Company Ltd. has to mobilize their equipment by water from LaSalle Ontario (Detroit River) which is more expensive due to the time and distance from the site. The difference in pricing between dredging cost is based on equipment and company size. Galcon Marine Ltd. is a relatively small company using small equipment where Dean Construction Company Ltd. is a relatively large company with large equipment. The deviation in disposal cost per cubic metre is within the range that Restoration and Infrastructure staff anticipated for this contract.

Based on the evaluation of the received proposals, it was determined that Galcon Marine Ltd. was the highest ranking bidder and most competitively priced overall. Galcon Marine Ltd.'s experience and ability to undertake similar projects was confirmed through reference checks which resulted in positive feedback. Therefore, staff recommends that Galcon Marine Ltd. be awarded Contract #10008665 for dredging works for a total amount not to exceed \$211,250.00, to be expended as authorized by TRCA staff, plus a 20% contingency, plus HST; it being the lowest bid that meets TRCA specifications and requirements as outlined in the RFP contract documents.

As it is standard practice to include a contingency in project estimation in the event of unforeseen events, 20% of the base contract price, or \$42,250.00, has been set aside for this contract. However, as the City has directed TRCA to remove as much material as possible with the available budget, it is recommended that staff be allowed to utilize the contingency to remove additional material as available. Staff will monitor the progress of the contractor and the budget before extending the scope of work.

Dredging is tentatively scheduled to commence in early October 2018, pending authorization to award Contract #10008665 and the receipt of all necessary approvals. Work is anticipated to take approximately four weeks to complete, weather permitting.

This project is aligned with leadership strategy number two "Manage our regional water resources for current and future generations." Dredging of the channel will improve shoreline access making the system more navigable for canoes and other boats. In addition, this project aligns with enabling strategy number seven "build partnerships and new business models." TRCA has now completed this work on behalf of the City multiple times allowing us to demonstrate TRCA's expertise and capability in performing this critical maintenance thereby increasing TRCA's financial resilience.

FINANCIAL DETAILS

A budget of \$340,000 has been identified to complete the 2018 maintenance dredging works, including Contract #10008665, the recommended \$25,000 contingency allowance, and staff time to secure approvals and manage the contract. Funding for this project is 100% recoverable from the City of Toronto within account 186-10.

DETAILS OF WORK TO BE DONE

Dredging is scheduled to commence in October of this year pending the receipt of approvals. Project updates, including start date, estimated duration and any delays will be communicated to primary stakeholders such as the City Councillor, Parks Supervisor and the Scarborough Bluffs Boating Federation through ongoing email correspondence. Impact to the public is anticipated to be minimal as the dredging will be undertaken in October, following the busy boating season.

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Emails: jtaylor@trca.on.ca
Date: August 9, 2018

Section I – Items for Authority Action

TO: Chair and Members of the Executive Committee
Meeting #7/18, Friday, September 07, 2018

FROM: Nick Saccone, Senior Director, Restoration and Infrastructure

RE: **COATSWORTH CUT CHANNEL DREDGING**
Award of Contract #10008666 for Maintenance Dredging of Coatsworth Cut Channel, City of Toronto.

KEY ISSUE

Award of Contract #10008666 to complete maintenance dredging of the Coatsworth Cut Channel by Ashbridge's Bay Park in the City of Toronto.

RECOMMENDATION

THE EXECUTIVE COMMITTEE RECOMMENDS THAT Contract #10008666 be awarded to Galcon Marine Ltd. for the channel dredging at Coatsworth Cut in the City of Toronto, at a total cost not to exceed \$203,500.00 plus HST, as they are the lowest bidder that best meets Toronto and Region Conservation Authority (TRCA) specifications;

THAT TRCA staff be authorized to approve additional expenditures to a maximum of \$40,700.00 as a contingency allowance as directed by the City;

THAT if the contingency is not required when the work is nearing substantial completion, that staff be allowed to authorize the Contractor to remove additional sediment from the channel with these funds to provide additional capacity;

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

BACKGROUND

In 1983, TRCA began dredging operations at the mouth of Coatsworth Cut to maintain navigation between Lake Ontario and the boating facilities located at Ashbridge's Bay Park. In response to increasing dredging volumes and associated expenses over time, in 1999 TRCA began to investigate shoreline modification options that would eliminate the need for annual maintenance dredging.

Currently the long-term solution to the sedimentation problem in Coatsworth Cut being addressed through a number of planning initiatives; however, TRCA plans to continue with maintenance dredging until such time that the final solution is in place and sedimentation rates are confirmed to be declining in response. As of the date this communication was prepared, implementation of the preferred solution is expected to commence in 2019 pending receipt of the necessary approvals and funding with work anticipating to take 4 - 6 years to complete.

Maintenance dredging at Coatsworth Cut was last completed in the fall of 2017 with the removal of approximately 2,650 cubic metres of material. The dredged material was tested and deemed to meet parkland quality guidelines for disposal at Woodbine Beach to replenish sand and re-grade the volleyball courts.

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Material was tested in 2018 in preparation for the proposed dredging activities. Of the four samples analyzed, three failed Ministry of Environment, Conservation and Parks (MOECP) Table 3 Residential Parkland Institutional criteria. As such, dredgeate will be stockpiled by the contractor, with appropriate erosion and sediment control, and TRCA will coordinate offsite disposal at a licensed MOECP facility.

RATIONALE

Request for Proposal (RFP) #10008666 was publicly advertised on Biddingo.com on July 13, 2018, and a mandatory site information meeting was held on July 19, 2018. The following contractors attended this meeting:

- Galcon Marine Ltd.;
- Dean Construction Company Ltd.;
- Catalina Excavating;
- Terrapure Environmental; and
- Ontario Construction Company.

Bids were opened at the Procurement Opening Committee meeting held on August 2, 2018 by TRCA staff (Jet Taylor, James Dickie and Lisa Moore).

Members of the Selection Committee, consisting of TRCA staff reviewed the proposal submissions and were evaluated on a weighted scoring system consisting of 50% reasonableness of cost, 30% corporate experience and resources and the remaining 20% on the reference check. Along with unit rates for the channel maintenance dredging, bidders were to include company resources, relevant experience, references, and health and safety certificates to ensure TRCA is receiving good value for services. From the evaluation, the highest ranked Bidder will be selected to complete the works. The table below summarizes the results of RFP #10008666 assuming the removal of 2,100 cubic metres of sediment.

RFP # 10008666
Coatsworth Cut Project – Channel Dredging Works

BIDDERS	MOBILIZATION/ DEMOLIZATION	DREDGING (\$/m³)	TOTAL (plus HST)	Overall Ranking
Galcon Marine Ltd.	\$130,000.00	\$35.00	\$203,500.00	1
Dean Construction Company	\$229,240.00	\$192.88	\$634,288.00	2

The main tender items that varied substantially between contractors were the proposed mobilization/demobilization cost and the dredging cost. The difference in pricing between mobilization/demobilization is based on the location of the contractor's equipment relative to the work area and cost associated with transporting their machinery to the site. Galcon Marine Ltd. intends to mobilize by water from Keating Channel and has priced their mobilization accordingly. Dean Construction Company Ltd. has to mobilize their equipment by water from LaSalle Ontario (Detroit River) which is more expensive due to the time and distance from the site. The difference in pricing between dredging cost is based on equipment and company size. Galcon Marine Ltd. is a relatively small company using small equipment where Dean Construction Company Ltd. is a relatively large company with large equipment.

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Based on the evaluation of the received proposals, it was determined that Galcon Marine Ltd. was the highest ranking bidder and most competitively priced overall. Galcon Marine Ltd.'s experience and ability to undertake similar projects was confirmed through reference checks which resulted in positive feedback. Therefore, staff recommends that Galcon Marine Ltd. be awarded Contract #10008666 for dredging works for a total amount not to exceed \$203,500.00, to be expended as authorized by TRCA staff, plus a 20% contingency, plus HST; it being the lowest bid that meets TRCA specifications and the requirements as outlined in the RFP contract documents.

As it is standard practice to include a contingency in project estimation in the event of unforeseen events, an additional allowance of \$40,700.00 is recommended. However, as the City has directed TRCA to remove as much material as possible with the available budget, it is recommended that staff monitor project expenditures during the course of the work, and be allowed to utilize the contingency to remove additional material to the limit of funding remaining.

Dredging is tentatively scheduled to commence in early October 2018, pending authorization to award Contract #10008666 and the receipt of all necessary approvals. This contract is anticipated to take approximately five weeks to complete, weather permitting.

This project is aligned with leadership strategy number two in TRCA's new strategic plan, as ensuring safe navigation of our waterways is an important component of successfully managing our water resources for current and future generations. Ongoing deposition reduces available water depth in the channel, creating a hazard to boaters and limiting marine-based emergency access if not addressed.

FINANCIAL DETAILS

Funding for this project, including Contract #10008666, staff time and all associated costs to manage this contract is available from the City of Toronto within TRCA's 2018 waterfront capital budget, account 211-16.

DETAILS OF WORK TO BE DONE

Dredging is planned to commence in October of this year. Project updates, including start date, estimated duration and any delays will be communicated to primary stakeholders such as the City Councillor, Parks Supervisor and the Ashbridge's Bay Yacht Club through ongoing email correspondence. The impact to the public is anticipated to be minimal as the dredging will be undertaken in October, following the busy boating season.

Report prepared by: Jet Taylor, extension 5526 and James Dickie, extension 5906

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Date: August 9, 2018

Section II – Items for Executive Action

TO: Chair and Members of the Executive Committee
Meeting #7/18, Friday, September 07, 2018

FROM: Chandra Sharma, Director, Watershed Strategies

RE: **YORK REGION CLIMATE CHANGE ACTION AND IMPLEMENTATION PLAN**

KEY ISSUE

TRCA staff that support The Ontario Climate Consortium (OCC) Secretariat, a consortium hosted at the TRCA, has been requested by York Region staff to develop York Region's Climate Change Action and Implementation Plans in support of their climate adaptation and mitigation initiatives into 2019.

RECOMMENDATION

WHEREAS the Ontario Climate Consortium (OCC), a partnership program founded by Toronto and Region Conservation Authority (TRCA) and York University, and supported by several academic institutions, has been involved in leading collaborative action on climate change since 2011, working closely with conservation authorities, government agencies, municipal partners, academic institutions, private sector and non-government organizations;

AND WHEREAS OCC and TRCA has been supporting the Regional Municipality of York since 2014 with their climate change initiatives and have recently been requested by York Region staff to support the development of their Climate Change Action Plan;

THEREFORE IT IS RECOMMENDED THAT TRCA staff, performing work in support of OCC, be authorized to enter into an agreement between York Region and TRCA to support the Region with the development of a climate change action plan, which will encompass mitigation and adaptation initiatives from both a municipal corporate and community-wide perspective;

AND FURTHER THAT authorized TRCA officials be directed to take such action as is necessary to implement this work including the signing and execution of a contract, documents, and or service agreements between TRCA and York Region related to the above.

BACKGROUND

Overview of the Ontario Climate Consortium (OCC)

The OCC is a coordinated network of academia, public and private sectors in Ontario founded by TRCA and York University in 2011. Collectively, the OCC responds to the challenges of a changing climate through collaboration that brings flexibility, scalable capacity, academic expertise, and an end-user driven approach. Anchoring the network is the OCC Secretariat made up of TRCA staff with deep networks in communities of research, policy and practice as well as subject matter expertise across the mitigation/adaptation spectrum. The Secretariat's primary roles are to:

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1. Facilitate interdisciplinary and multi-sector partnerships that develop knowledge; and
2. Translate and mobilize that knowledge to OCC's local and regional partners to support climate action.
3. Provide unique project management services in an academic/policy/practice collaborative context to ensure effective implementation and dissemination of outputs from partnerships.

OCC's mission and mandate is to support the transition to low carbon, climate resilient communities in Ontario through the generation and mobilization of knowledge that enables effective climate change action. OCC actively collaborates with municipal partners, academics and Conservation Ontario (a current member of OCC's Governing Council) to facilitate collaboration with other Conservation Authorities as needed. In all activities, OCC strives to support the development and implementation of evidence-informed climate change policy and innovative practices while aiming to improve the degree of consistent application of best practices and knowledge.

Overview of Climate Change Activities with TRCA's Municipal Partners

In the TRCA Jurisdiction, OCC has led and/or supported numerous partnership projects in support of municipal partners, including but not limited to:

- Completion of climate change vulnerability assessments on natural systems, agriculture, community services and assets, and the stormwater system in the Region of Peel and City of Vaughan;
- Provision of climate projections and information to municipal partners, including York Region, the Region of Peel, Town of Caledon and City of Mississauga;
- Engagement of municipal partner staff to raise awareness, build capacity and to discuss climate change risk to municipal services (City of Mississauga, Region of Peel, York Region, Town of Richmond Hill);
- Support to Durham Region in the evaluation of natural heritage policies and plans in light of climate change, and in scoping vulnerability analyses and mapping for road segments.
- Developing GIS-based assessments of renewable energy generation potential at the Regional scale in York and Peel regions
- Providing guidance on the incorporation of climate change issues into Official Plans, and related land use planning policies.

Summary of Previous Climate Change Activities in Support of York Region

Since 2014, OCC and TRCA have been supporting York Region on initiatives related to climate change from both a mitigation and adaptation perspective. This partnership between staff began when OCC leveraged funding and expertise from their network - namely the Great Lakes Integrated Sciences and Assessment (GLISA) organization based out of Michigan. This funding was used to develop high quality, comprehensive climate trends (historically) and future projections specific to York Region.

In 2015 and 2016, a vulnerability assessment framework for York Region was developed. More specifically, climate data and projections that were developed were illustrated and used in an updated, more refined Risk Assessment Tool licensed from the City of Toronto. This tool spurred the completion of a vulnerability and risk assessment case study in the City of Vaughan within York Region, which has produced excellent lessons learned and findings now being shared across our jurisdiction and beyond.

TRCA's partnership with York Region on climate change has also involved staff training and capacity building efforts. More recently, staff have been involved in discussions and initiatives

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related to climate change planning in York Region. In 2017, a “scoping workshop” was hosted to convene senior staff from the internal climate change working group at the Region to brainstorm, refine (1) vulnerability assessment systems/sectors of interest to the Region, (2) the level of detail that may be needed to assess vulnerability, and (3) to produce a “road map” that illustrate key components of climate action planning based on lessons learned from other municipalities. In early 2018, staff collaborated to undertake a “rapid corporate climate change risk assessment”. This has involved engaging staff across all departments in the Region to discuss how climate change may pose risks to their services, to prioritize these risks, and to confirm areas or systems that may require vulnerability assessments to be undertaken. Staff also collaborated with York Region municipalities on funding applications, most recently securing FCM Municipal Climate Innovation Program (MCIP) funding to enable a feasibility study of Local Improvement Charges (LICs) to enable existing building retrofits in the City of Vaughan and York Region. LICs are a financial mechanism that can be used by municipalities and/or property owners that are paid in addition to municipal taxes for a specific purpose - typically to implement improvement projects such as renewable energy improvements. This project will undertake research and seek to develop the policy and business case for the use of LICs in the context of Vaughan and York Region.

RATIONALE

A number of climate change related policies, plans and strategies are in development or are being scoped among TRCA’s partner municipalities. Peel Region, for example, has been leading climate change initiatives for many years and has established the Peel Climate Change Strategy (2011), the Peel Climate Change Community Partnership which includes representatives from the Region, lower tier municipalities and CAs. e. Similarly, Durham Region released a community climate adaptation plan (2016) through the work of numerous working groups over the past few years, in which TRCA participated in scoping and developing content. Durham Region is also developing a Regional Community Energy Plan. The City of Toronto is in the process of developing a Resilience Framework through funding received from the Rockefeller Foundation, and has numerous other climate-related policies and plans (e.g., TransformTO). TRCA staff from OCC Secretariat, Sustainability Technologies Evaluation Program (STEP), Research and Knowledge Management, Watersheds, and Engineering Services, continue to actively participate in these initiatives, providing project management and subject matter expertise as needed. Lower tier municipalities are similarly moving towards developing plans and policies to address climate change mitigation and/or adaptation corporately and for their communities. Notable municipalities in this space at present include the City of Mississauga, City of Brampton, Town of Caledon, City of Vaughan, Town of Richmond Hill, Town of Ajax, among others. While specific methods and approaches are not necessarily consistent, opportunities exist for TRCA staff to support partner municipalities in these initiatives to bring alignment at a regional scale and apply tried and tested evidence- based information and approaches Furthermore, there is opportunity for TRCA to support Regional climate change initiatives emerging from these policies and plans once they have been completed or when they require updating (e.g., implementing actions within York Region’s plan, or supporting Regional municipalities in the update of their Official Plans as appropriate, which are required to be reviewed and updated every five years as per the *Planning Act*).

FINANCIAL DETAILS

Funding associated with the completion of this scope of work would be provided by York Region to TRCA (approximately \$145,000 before taxes) in a fee-for-service contract to support staff time spent on this project. Staff in Corporate Services at TRCA will review and approve the service level agreement drafted for this scope of work subject to Board Authority approval of this item.

DETAILS OF WORK TO BE DONE

Information that would be developed as part of the climate change action plan would allow York Region to establish short term, medium term and longer term climate change priorities, with a lens specifically on feasibility and implementation in collaboration with lower tier municipalities and CA partners. The scope of work to develop a climate change action plan is estimated to take approximately one year to complete. Opportunities also exist to leverage other TRCA staff expertise to deliver on key project milestones. Major deliverables and milestones associated with the scope are meant to dovetail among a series of other York Region-led initiatives (e.g., a community energy plan, Regional Official Plan Amendment, York Public Health vulnerability assessment, etc.):

Current State Analysis

- Assess and analyze current climate change practices, including benchmarking across York region lower-tier municipalities and other peer jurisdictions;
- Identify gaps in policy or areas for future research, data or information needs;
- Conduct a Gap Analysis of national, provincial, regional and local policy and programs related to climate mitigation and adaptation;
- Develop a Red-Amber-Green (RAG) analysis to assess the progress by the Region and its lower tier municipalities;
- Targeted interviews with other peer and international municipal jurisdictions to assess best practices; and
- Prepare a current state report/discussion paper for the Region.

Community Climate Change Risks and Opportunity Scan

- Engaging community leaders to conduct a “community climate change risk and opportunity scan” to inform high level content within the action plan; and
- Facilitation of workshop sessions among community stakeholders for input.

Plan Development

- Hosting workshops among York Region staff to prioritize and refine draft content; and
- Developing a climate change action plan and an implementation plan for the Region.

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Date: August 29, 2018

Section IV – Ontario Regulation 166/06, As Amended

TO: Chair and Members of the Executive Committee
Meeting #7/18, September 7, 2018

FROM: Carolyn Woodland, Senior Director, Planning and Development

RE: **APPLICATIONS FOR PERMITS PURSUANT TO ONTARIO REGULATION 166/06, AS AMENDED**
Development, Interference with Wetlands and Alterations to Shorelines and Watercourses

KEY ISSUE

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.

RECOMMENDATION

THAT permits be granted in accordance with Ontario Regulation 166/06, as amended, for the applications which are listed below:

PERMIT APPLICATIONS 11.1 - 11.12 ARE MAJOR APPLICATION - REGULAR

Applications that involved a more complex suite of technical studies to demonstrate consistency with policies; applications that cover a significant geographic area (e.g. subdivisions, stormwater management ponds), extensive modifications to the landscape, major infrastructure projects, emergency infrastructure works, resolution of violations/after the fact permits, trail construction.

CITY OF BRAMPTON

11.1 EMERY INVESTMENTS

To construct, reconstruct, erect or place a building or structure and site grade on Part Lot 16, Concession 3, (Heart Lake Road and Countryside Drive), in the City of Brampton, Etobicoke Creek Watershed as located on the property owned by Emery Investments. The purpose is to grade, fill and construct within the Etobicoke Creek watershed to facilitate topsoil stripping and a temporary sediment control pond associated with an approved industrial subdivision located at Heart Lake Rd. and Countryside Dr., in the City of Brampton.

MAP LOCATION: Heart Lake Rd and Countryside Rd, Brampton



The permit will be issued for the period of September 7, 2018 to September 6, 2020 in accordance with the following documents and plans which form part of this permit:

- **Letter of Undertaking provided by Donna Lue, Project Manager, 225600 Ontario Ltd., dated Aug. 27, 2018, to address all outstanding TRCA requirements prior to issuance of the permit, and received by the TRCA on Aug. 27, 2018.**

RATIONALE

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

Proposal:

The subject lands are approximately 23.5 ha in size, contain a Provincially Significant Wetland (PSW) associated with the Heart Lake Wetland Complex (i.e. PSW #18), and is traversed to the north-west by a tributary of Spring Creek (i.e. Tributary A). As such a portion of the subject lands are regulated by the TRCA. Emery Investments proposes 8 Employment Blocks; 2 Road Widening Blocks along Heart Lake Road; 2 Proposed Local Streets; a Wetland Block and an associated 30 m wide Wetland Buffer Block; and a Stormwater Management (SWM) Pond Block. The subject lands are located within the Heart Lake Employment Lands Block Plan Area, for which a comprehensive Environmental Implementation Report (EIR) was completed. TRCA staff were involved in the review and approval of the EIR.

The applicant is proposing to undertake topsoil stripping and construct a temporary sediment control pond in the location of the ultimate SWM pond, which will discharge to Tributary A. Given the large size of the subject lands, the applicant wishes to begin topsoil stripping and grading in the Fall of 2018 and prepare the site for servicing and final grading in Spring and Summer 2019. Additional permits will be required to facilitate the construction of the ultimate SWM pond, servicing, final grading and works along Heart Lake Road to extend water services and widen the road.

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Control of Flooding:

The proposed works are located outside of the Regional Floodplain, and as such there are no anticipated impacts on the storage and conveyance of floodwaters.

Pollution:

The temporary sediment control pond will provide the required quality and quantity control during the construction stage for the subject property. The 0.25 ha PSW is to be maintained with a 30 m buffer and will be protected during all construction activities with sediment fencing. The Spring Creek Tributary A valley is to be maintained with appropriate buffers. The valley lands will be protected during all construction activities with sediment fencing.

Dynamic Beaches:

Not applicable.

Erosion:

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

Conservation of Land:

Through the EIR process, the natural heritage system was identified and the PSW, tributary and associated buffers are protected in separate blocks. As a condition of the Draft Plan of Subdivision, the natural heritage features and buffers will be conveyed gratuitously to the City of Brampton.

Plantings

Exposed soils will be permanently stabilized using a native non-invasive seed mix.

Policy Guidelines:

This proposal is consistent with Section 8.4 General Regulation Policies of The Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 55834 - Application #: 0448/16/BRAM

Report Prepared by: Leilani Lee-Yates 5370 llee-yates@trca.on.ca

For information contact: Leilani Lee-Yates 5370 llee-yates@trca.on.ca

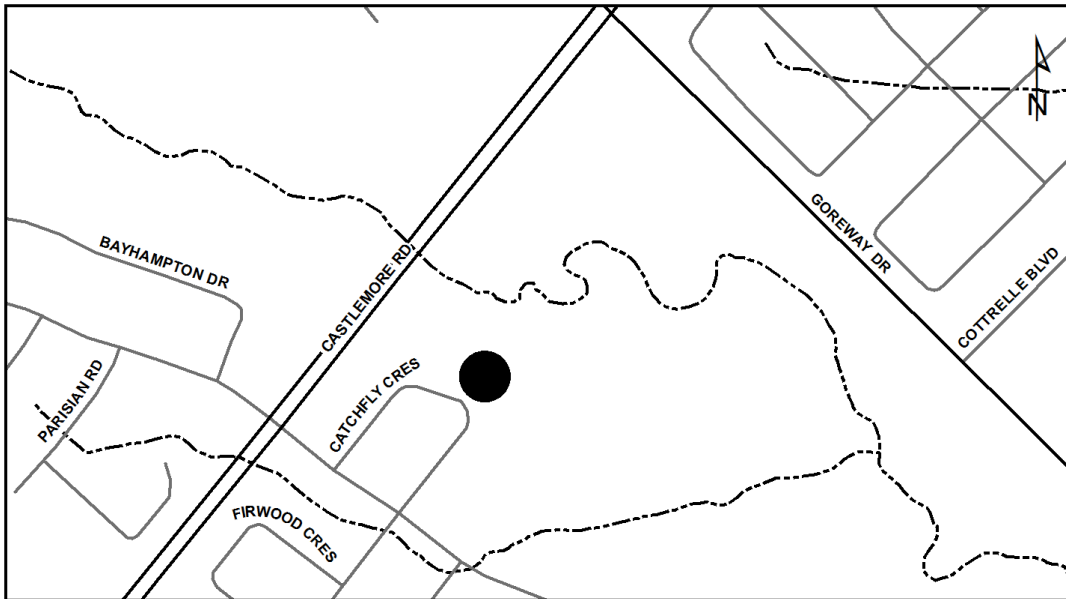
Date: August 27, 2018

CITY OF BRAMPTON

11.2 24 CATCHFLY CRESCENT

To construct, reconstruct, erect or place a building or structure on Lot 102, Plan 43M-1668, (24 Catchfly Crescent), in the City of Brampton, Humber River Watershed. The purpose is to recognize the construction of a 4.77 m x 10.30 m (15.62 ft. x 33.79 ft.) wooden deck located at the rear of an existing residential dwelling located within TRCA's Regulated Area of the Humber River Watershed associated with a municipal Minor Variance application (Town File No.: A18-014). The described works were initiated without the issuance of a TRCA permit or a 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 24 Catchfly Crescent, in the City of Brampton.

MAP LOCATION: 24 Catchfly Crescent, Brampton



The permit will be issued for the period of September 7, 2018 to September 6, 2020 in accordance with the following documents and plans which form part of this permit:

- **Site Plan, prepared by the Property Owner, received by TRCA staff on May 31, 2018.**

RATIONALE

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

Proposal:

The purpose of this application is to recognize the construction of a 4.77 m x 10.30 m (15.62 ft. x 33.79 ft.) wooden deck located at the rear of an existing residential dwelling located within TRCA's Regulated Area of the Humber River Watershed associated with a municipal minor variance application (Town File No.: A18-014). The landowner appealed the minor variance application to the Local Planning Appeal Tribunal (LPAT) based on decision made by City of Brampton's Committee of Adjustment. The Committee conditionally approved the landowner's variance for rear and side yard setback to facilitate the wooden deck, however, refused the variances for the driveway width and permeable landscape strip. It should be noted that the

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driveway and permeable landscape strip are located outside of TRCA's Regulated Area. Based on the LPAT Notice of Decision dated July 16, 2018, the Tribunal has conditionally approved the minor variance application for the rear and side yard setback subject to the landowner obtaining the necessary TRCA permit to recognize the construction of the wooden deck. However, the Tribunal did not support the variances for the driveway width and the permeable landscape strip.

The described works were initiated without the issuance of a TRCA permit or a municipal building permit. The subject property is located adjacent to a valley corridor associated with the Humber River. The Regulatory Floodplain is contained within the valley corridor and does not extend onto the subject property. As such, there are no flooding related concerns with this application. The existing deck is adequately setback from the valley corridor. Additionally, it appears that the existing deck is located in an area that is void of any significant vegetation and is located on manicured lawn. Therefore, there are no ecology or geotechnical concerns with the existing deck.

Permit Fee:

The applicant initiated works in advance of obtaining a permit under Ontario Regulation 166/06, therefore the permit to be issued is "after the fact". The applicant has paid the application fee plus 100% as required for an "after the fact" permit in contravention of the Regulation. In addition, the time frame for this permit will be adjusted to reflect the works that have been completed.

Control of Flooding:

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

Pollution:

Erosion and sediment controls (i.e. silt fencing) will not be required as the proposed works have been completed.

Dynamic Beaches:

Not applicable.

Erosion:

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

Conservation of Land:

No significant vegetation will be removed as a result of the proposed works.

Plantings

Given that no significant vegetation is being removed as part of this application, no plantings are required at this time.

Policy Guidelines:

The proposal complies with Section 8.5.1.7 - Property Improvements and Non-habitable Accessory Structures - of the Living City Policies for Planning and Development in the watersheds of the Toronto and Region Conservation Authority.

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CFN: 60176 - Application #: 0765/18/BRAM

Report Prepared by: Anant Patel 5618 apatel@trca.on.ca

For information contact: Anant Patel 5618 apatel@trca.on.ca

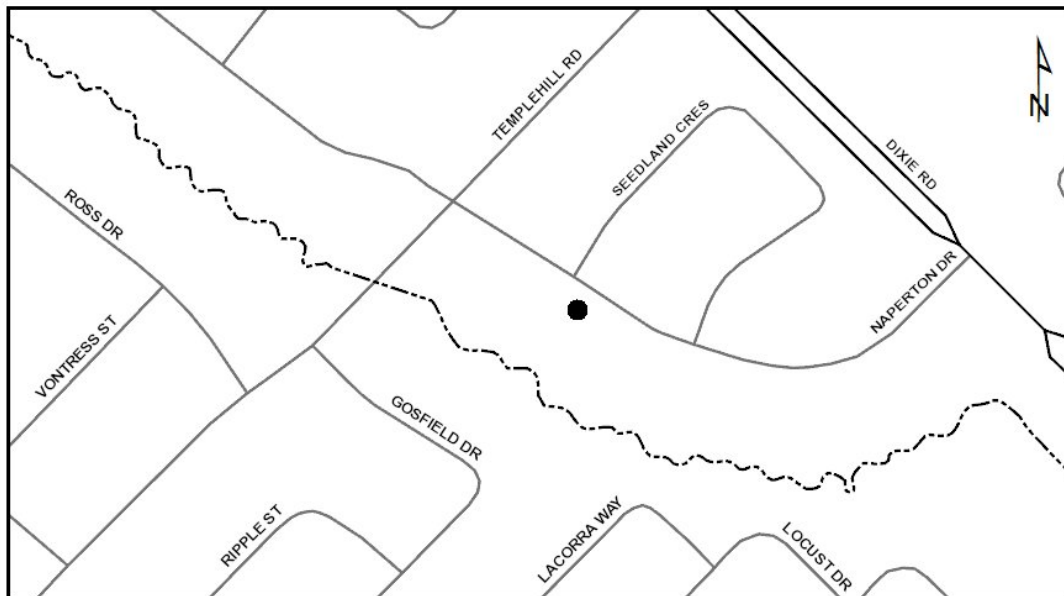
Date: August 27, 2018

CITY OF BRAMPTON

11.3 56 NAPERTON DRIVE

To construct, reconstruct, erect or place a building or structure on Lot 35, Plan M1829 (56 Naperton Drive), in the City of Brampton, Etobicoke Creek Watershed. The purpose is to recognize the construction of a 3.38 m by 4.87 m (10 ft by 16 ft) deck located at the rear of an existing residential dwelling within TRCA's Regulated Area of the Etobicoke Creek Watershed. The deck was constructed without the benefit of TRCA or municipal permits. As such, an additional permit application fee of 100% was charged for this "after-the-fact" permit. The subject property is located at 56 Naperton Drive, in the City of Brampton.

MAP LOCATION: 56 Naperton Dr, Brampton



The permit will be issued for the period of September 7, 2018 to September 6, 2020 in accordance with the following documents and plans which form part of this permit:

- **Site Plan, prepared by property owner, received by TRCA on July 17, 2018.**

RATIONALE

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

Proposal:

The purpose is to recognize the construction of a 3.38 m by 4.87 m (10 ft by 16 ft) deck located at the rear of an existing residential dwelling within TRCA's Regulated Area of the Etobicoke Creek Watershed. The deck was constructed without the benefit of TRCA or municipal permits. As such, an additional permit application fee of 100% was charged for this "after-the-fact" permit. The subject property is located at 56 Naperton Drive, in the City of Brampton.

A tributary of the Etobicoke Creek Watershed is located adjacent to the rear of the subject property. The subject property is adjacent to a valley corridor associated with the Etobicoke Creek Watershed. Based on a site visit conducted on August 3, 2018, it appears the location of

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the deck is adequately setback from the valley corridor and located on a manicured lawn. In addition, no ecology, geotechnical, or flood related concerns are anticipated with this project.

Control of Flooding:

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

Pollution:

Erosion and sediment controls are not required for this application, as works have already been completed.

Dynamic Beaches:

Not applicable.

Erosion:

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

Conservation of Land:

No significant vegetation will be removed as a result of this project.

Plantings

As no vegetation is being removed as result of this proposal, no additional plantings are required.

Policy Guidelines:

The proposal complies with Section 8.5.1.7 - Property Improvements and Non-habitable Accessory Structures - of the Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 60054 - Application #: 0667/18/BRAM

Report Prepared by: Colleen Bain 5657 colleen.bain@trca.on.ca

For information contact: Colleen Bain 5657 colleen.bain@trca.on.ca

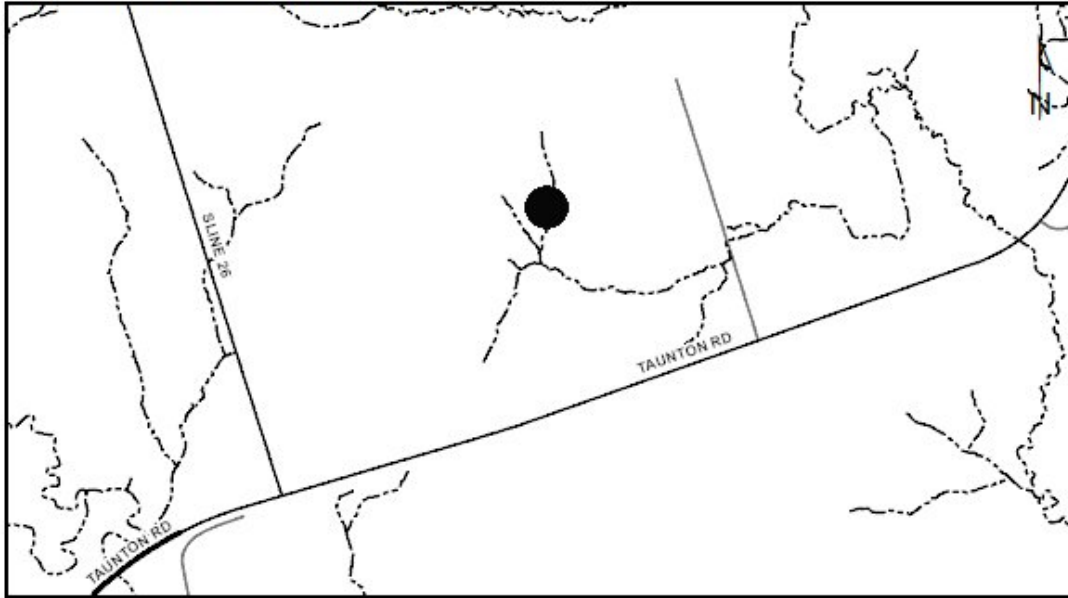
Date: August 17, 2018

CITY OF PICKERING

11.4 1133373 ONTARIO INC.

To construct, reconstruct, erect or place a building or structure, site grade and temporarily or permanently place, dump or remove any material, originating on the site or elsewhere on Lot 24, Concession 4, (Crossing of Tributary GA13-1 on Elizabeth Mackenzie Drive), in the City of Pickering, Duffins Creek Watershed as located on the property owned by 1133373 Ontario Inc. The purpose is to construct a culvert, wing walls and road north of Taunton Road, west of Sideline 24.

MAP LOCATION: 1133373 Ontario Inc. (Lebovic)



The permit will be issued for the period of September 7, 2018 to September 6, 2020 in accordance with the following documents and plans which form part of this permit:

- **Letter of Undertaking, prepared by COLE Engineering, dated August 27, 2018**

Application-Specific Permit Conditions

14. The Owner shall coordinate a pre-construction meeting with the agent, contractor, engineer, inspector, TRCA, municipality and any other regulatory agencies prior to the commencement of the approved works to the satisfaction of TRCA.
15. The Owner shall ensure all works within and adjacent to the watercourse are directly supervised by a qualified ecologist and/or fluvial geomorphologist (or an equivalent as approved by TRCA) to the satisfaction of TRCA.
16. The Owner shall ensure all erosion and sediment controls are monitored by an environmental monitoring professional certified by CISEC; and the environmental monitoring professional shall utilize an on-line erosion and sediment control document monitoring software and as may be updated from time to time in carrying out their duties; and the appropriate access permissions to the software shall be granted to TRCA staff.
17. No work as authorized by the issuance of this permit may be commenced by the permit holder unless and until all conditions precedent as set out in the License of Land for Temporary Use and Access dated <to be determined> between Her Majesty The Queen In Right Of Ontario, as represented by The Minister of Economic Development, Employment

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and Infrastructure ("I/O") and 1133373 Ontario Inc. have been either fulfilled by 1133373 Ontario Inc. or waived by I/O. For greater certainty, the purpose of the foregoing is to ensure that 1133373 Ontario Inc. does not rely on this permit to commence work, or even enter onto the subject lands, unless and until all requisite permissions to enter as granted by I/O are in full force and effect and without outstanding conditions precedent.

18. The Owner shall obtain clearance from TRCA Planning & Development staff prior to requesting the full or partial release of any Letters of Credit or other securities from the City of Pickering for the approved works and associated compensation plantings.

RATIONALE

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

Proposal:

The proposal is to construct an 2.4 m high, 11 m wide and 35 m long open span culvert and road over Tributary GA13-1 of Ganatsekiagon Creek in the TRCA regulated area on lands located north of Taunton Road, west of Sideline 24 in the City of Pickering. This is one of many TRCA permits required to construct the Seaton Community, the planning approvals of which were the result of a lengthy Ontario Municipal Board mediation process in 2012. The crossing is required to support the development of draft approved Plan of Subdivision SP-2008-11 owned by 1133373 Ontario Inc. (Lebovic). The crossing is necessary to allow construction access to grade the subdivision at a later date, and is being built to ultimate conditions of the future Elizabeth Mackenzie Drive to minimize disturbance, and will become part of the City of Pickering's infrastructure. The location and general configuration of the culvert was determined through the Seaton Arterial and Collector Roads Environmental Study Report, July 2017. The culvert will be an open bottom with footings and wing walls to tie into existing grade and will not disturb the existing creek. The works will take place on lands within the Natural Heritage System owned by the Ontario Infrastructure and Lands Corporation and leased to 1133373 Ontario Inc. The lease will be triggered upon all approvals being obtained from the TRCA and City of Pickering.

Control of Flooding:

The culvert will span the Regional Storm floodplain, and will have no impact on the control of flooding.

Pollution:

Temporary sediment controls have been provided per the Greater Golden Horseshoe Area Conservation Authorities, Erosion and Sediment Control Guideline for Urban Construction. The proponent has agreed to employ a multi-layer inspection process using CISEC certified inspectors. The work will not impact the flow of the creek and there is an additional on-line pond downstream (to be removed and restored at a later date) that will act as an additional barrier to sediment transport. A number of the application specific conditions are designed to ensure that proper controls are in place to ensure the contractor does not discharge sediment into the creek.

Dynamic Beaches:

Not applicable.

Erosion:

Temporary erosion controls have been provided per the Greater Golden Horseshoe Area Conservation Authorities, Erosion and Sediment Control Guideline for Urban Construction.

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Conservation of Land:

The culvert and associated retaining walls and fill will be located in an area of red side dace recovery habitat, and is regulated by MNRF. In addition to contributing to the Seaton overall benefit program through MNRF, the 321 sq. m. of temporary disturbed marsh habitat will be fully restored, and the 568 sq. m. of permanently disturbed marsh habitat will be compensated off site through the Subdivision Agreement.

Plantings

Plantings will be secured through the Subdivision Agreement. A native seed mix will be applied to the disturbed areas.

Policy Guidelines:

This proposal complies with Section 8.9., Infrastructure Policies, of The Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 60179 - Application #: 0785/18/PICK

Report Prepared by: Steve Heuchert 5311 sheuchert@trca.on.ca

For information contact: Steve Heuchert 5311 sheuchert@trca.on.ca

Date: August 27, 2018

CITY OF PICKERING

11.5 1133373 ONTARIO 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 alter a watercourse on Lot 24, Concession 4, (Crossing of Tributary GA14 on Burkholder Drive (Sideline 24)), in the City of Pickering, Duffins Creek Watershed as located on the property owned by 1133373 Ontario Inc. The purpose is to construct a culvert, wing walls and road, and a temporary culvert crossing, north of Taunton Road, west of Sideline 24.

MAP LOCATION: 1133373 Ontario Inc. (Lebovic)



The permit will be issued for the period of September 7, 2018 to September 6, 2020 in accordance with the following documents and plans which form part of this permit:

- **Letter of Undertaking, prepared by COLE Engineering, dated August 27, 2018**

Application-Specific Permit Conditions

14. The Owner shall coordinate a pre-construction meeting with the agent, contractor, engineer, inspector, TRCA, municipality and any other regulatory agencies prior to the commencement of the approved works to the satisfaction of TRCA.
15. The Owner shall ensure all works within and adjacent to the watercourse are directly supervised by a qualified ecologist and/or fluvial geomorphologist (or an equivalent as approved by TRCA) to the satisfaction of TRCA.
16. The Owner shall ensure all erosion and sediment controls are monitored by an environmental monitoring professional certified by CISEC; and the environmental monitoring professional shall utilize an on-line erosion and sediment control document monitoring software and as may be updated from time to time in carrying out their duties; and the appropriate access permissions to the software shall be granted to TRCA staff.
17. No work as authorized by the issuance of this permit may be commenced by the permit holder unless and until all conditions precedent as set out in the License of Land for Temporary Use and Access dated <to be determined> between Her Majesty The Queen In

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Right Of Ontario, as represented by The Minister of Economic Development, Employment and Infrastructure ("I/O") and 1133373 Ontario Inc. have been either fulfilled by 1133373 Ontario Inc. or waived by I/O. For greater certainty, the purpose of the foregoing is to ensure that 1133373 Ontario Inc. does not rely on this permit to commence work, or even enter onto the subject lands, unless and until all requisite permissions to enter as granted by I/O are in full force and effect and without outstanding conditions precedent.

18. The Owner shall obtain clearance from TRCA Planning & Development staff prior to requesting the full or partial release of any Letters of Credit or other securities from the City of Pickering for the approved works and associated compensation plantings.

RATIONALE

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

Proposal:

The proposal is to construct an 2.4 m high, 8.5 m wide and 30 m long open span culvert and road over Tributary GA14 of Ganatsekiagon Creek in the TRCA regulated area on lands located north of Taunton Road, west of Sideline 24 in the City of Pickering. This is one of many TRCA permits required to construct the Seaton Community, the planning approvals of which were the result of a lengthy Ontario Municipal Board mediation process in 2012. The crossing is required to support the development of draft approved Plan of Subdivision SP-2008-11 owned by 1133373 Ontario Inc. (Lebovic). The crossing is necessary to allow construction access to grade the subdivision at a later date, and is being built to ultimate conditions of the future Burkholder Drive to minimize disturbance, and will become part of the City of Pickering's infrastructure. The location and general configuration of the culvert was determined through the Seaton Arterial and Collector Roads Environmental Study Report, July 2017. The culvert will be an open bottom with footings and wing walls to tie into existing grade and will not disturb the existing creek. A temporary 600 mm CSP culvert crossing at an existing farm crossing is also necessary north of Crossing 11 to allow access for the construction. The works will take place on lands within the Natural Heritage System owned by the Ontario Infrastructure and Lands Corporation and leased to 1133373 Ontario Inc. The lease will be triggered upon all approvals being obtained from the TRCA and City of Pickering.

Control of Flooding:

The culvert will span the Regional Storm floodplain, and will have no impact on the control of flooding.

Pollution:

Temporary sediment controls have been provided per the Greater Golden Horseshoe Area Conservation Authorities, Erosion and Sediment Control Guideline for Urban Construction. The proponent has agreed to employ a multi-layer inspection process using CISEC certified inspectors. The work will not impact the flow of the creek and there is an additional on-line pond downstream (to be removed and restored at a later date) that will act as an additional barrier to sediment transport. A number of the application specific conditions are designed to ensure that proper controls are in place to ensure the contractor does not discharge sediment into the creek.

Dynamic Beaches:

Not applicable.

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Erosion:

Temporary erosion controls have been provided per the Greater Golden Horseshoe Area Conservation Authorities, Erosion and Sediment Control Guideline for Urban Construction.

Conservation of Land:

The culvert and associated retaining walls and fill will be located in an area of red side dace recovery habitat, and is regulated by MNRF. In addition to contributing to the Seaton overall benefit program through MNRF, the 289 sq. m. of temporary disturbed marsh habitat will be fully restored, and the 2,013 sq. m. of permanently disturbed marsh habitat will be compensated off site through the Subdivision Agreement.

Plantings

Plantings will be secured through the Subdivision Agreement. A native seed mix will be applied to the disturbed areas.

Policy Guidelines:

This proposal complies with Section 8.9., Infrastructure Policies, of The Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 60180 - Application #: 0790/18/PICK

Report Prepared by: Steve Heuchert 5311 sheuchert@trca.on.ca

For information contact: Steve Heuchert 5311 sheuchert@trca.on.ca

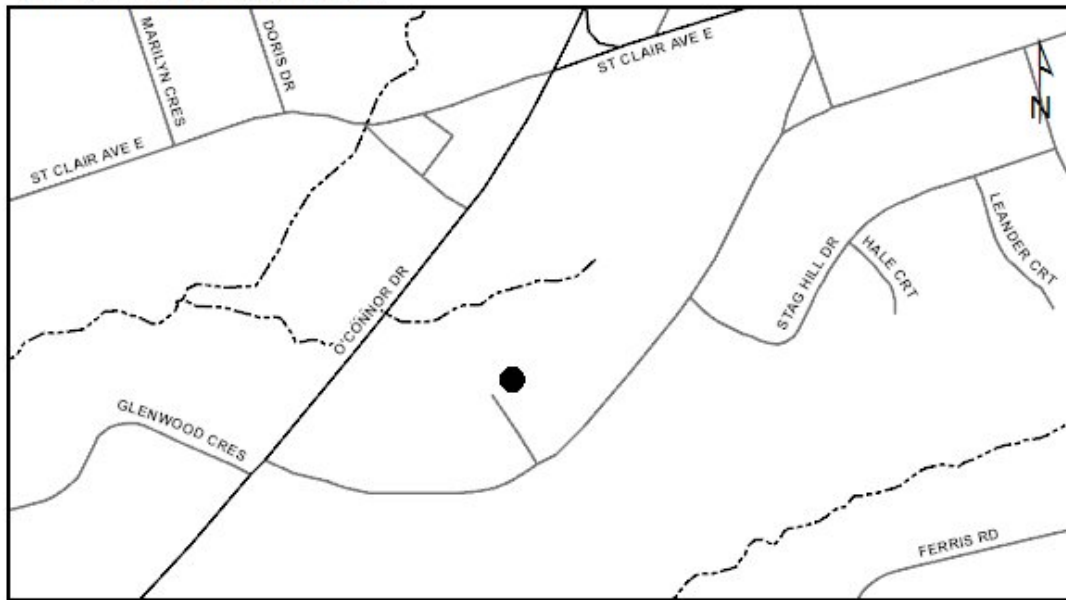
Date: August 27, 2018

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

11.6 3 GLENWOOD TERRACE

To construct, reconstruct, erect or place a building or structure and temporarily or permanently place, dump or remove any material, originating on the site or elsewhere on Lot 9, 10, 11, Plan 3109, (3 Glenwood Terrace), in the City of Toronto (Toronto and East York Community Council Area), Don River Watershed. The purpose is to permit the as-built deck to the rear and side of the existing single storey detached dwelling at 3 Glenwood Terrace in the City of Toronto (Toronto and East York Community Council Area).

MAP LOCATION: 3 Glenwood Terrace



The permit will be issued for the period of September 7, 2018 to September 6, 2020 in accordance with the following documents and plans which form part of this permit:

- **Drawing Unnumbered, Property Plan, prepared by Applicant, undated, received on November 21, 2017;**
- **Drawing Unnumbered, Elevations, prepared by Applicant, undated, received on November 21, 2017.**

RATIONALE

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

Proposal:

The purpose of this application is to develop within a TRCA Regulated Area of the Don River watershed in order to permit the as-built deck to the rear and side of the existing single storey detached dwelling at 3 Glenwood Terrace. The existing building footprint and rear yard site grading remain unchanged. The subject site is located east of O'Connor Drive and south of St. Clair Avenue East in the City of Toronto (Toronto and East York Community Council Area).

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Permit After the Fact:

The applicant completed construction without the benefit of a TRCA permit. As a result, the applicant has paid the application fee plus 100% as required for a permit "after the fact".

Control of Flooding:

The proposed works are not located within a Regulatory Flood Plain and the proposal will have no impact on the storage and/or conveyance of floodwaters.

Pollution:

The works associated with this application have been completed. As such, erosion and sediment controls are not required at this time.

Dynamic Beaches:

Not applicable

Erosion:

A geotechnical slope stability analysis has been reviewed by TRCA geotechnical engineering staff. TRCA staff are satisfied that there are no geotechnical/slope stability issues associated with the completed works which have been built entirely outside of the erosion hazard.

Conservation of Land:

The proposed works are located no closer to the ravine than the existing limits of development.

Plantings

Not applicable

Policy Guidelines:

This proposal complies with Section 8.5 Valley and Stream Corridors of The Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 58931 - Application #: 1349/17/TOR

Report Prepared by: Anna Lim 5284 alim@trca.on.ca

For information contact: Steve Heuchert 5311 sheuchert@trca.on.ca

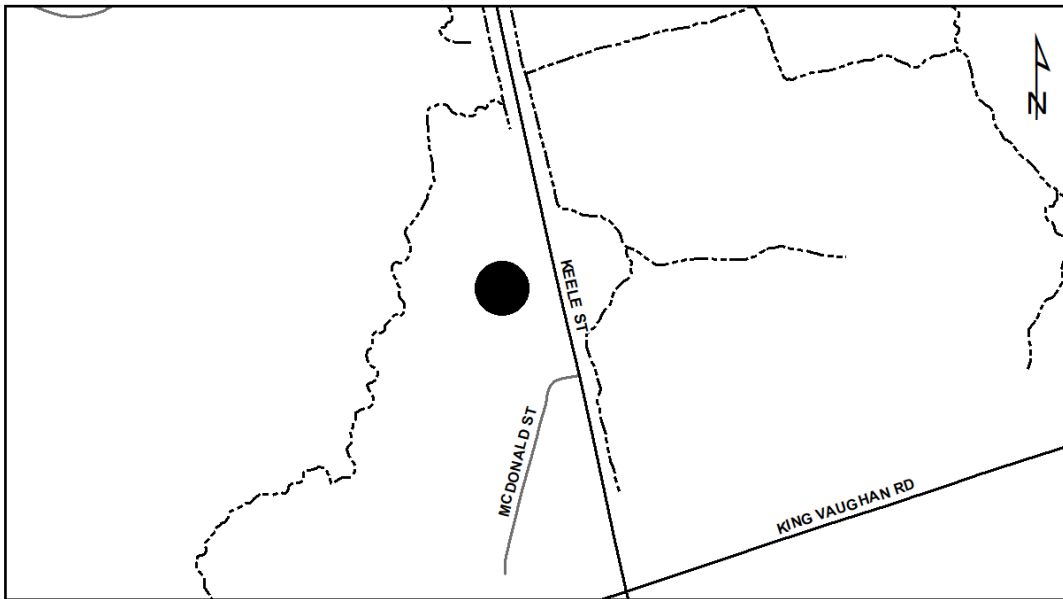
Date: August 15, 2018

CITY OF VAUGHAN

11.7 2506937 ONTARIO 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 on, 12370 Keele Street, in the City of Vaughan, Humber River Watershed as located on the property owned by 2506937 Ontario 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 3,529 sq. m. (37,985.84 sq. ft.) commercial building and associated parking area. The subject property is located on lands known municipally as 12370 Keele Street, in the City of Vaughan.

MAP LOCATION: 12370 Keele Street, Vaughan



The permit will be issued for the period of September 7, 2018 to September 6, 2020 in accordance with the following documents and plans which form part of this permit:

- **Drawing No. A1.0, Site Plan, prepared by Fausto Cortese Architects, dated June, 19, 2018, received by TRCA on August 23, 2018;**
- **Drawing No. 217116-1, Grading Plan, prepared by EMC Group Limited, revision no. 7 dated August 1, 2018, received by TRCA on August 23, 2018;**
- **Drawing No. 217116-2, Servicing Plan, prepared by EMC Group Limited, revision no. 7 dated August 24, 2018, received by TRCA on August 24, 2018;**
- **Drawing No. 217116-3, Erosion and Sediment Control Plan, prepared by EMC Group Limited, revision no. 6 dated August 1, 2018, received by TRCA on August 23, 2018;**
- **Drawing No. L-1, Landscape Plan, prepared by Landscape Planning Limited, revision no. 7 dated July 31, 2018, received by TRCA on August 23, 2018.**

RATIONALE

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

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Proposal:

The purpose of this permit application is to undertake works within TRCA's Regulated Area of the Humber River watershed in order to facilitate the construction of a 3,529 sq. m. (37,985.84 sq. ft.) commercial building and associated parking lot. The subject property is located on lands known municipally as 12370 Keele Street in the City of Vaughan.

The subject property is located entirely within TRCA's Regulated Area due to the presence of two provincially significant wetland features (King-Vaughan Wetland Complex) that are located on adjacent lands to the east and west as well as an estimated Regulatory Storm flood plain associated with the East Humber River which impacts the northwestern corner of the property.

The estimated Regulatory Storm flood plain reaches an elevation of 291.46 metres above sea level (masl) on the subject property. Based on a review of available topographic information for the site, the northwestern corner of the property would be subject to flooding during a Regulatory Storm event. Due to the relatively minor nature of the flood plain condition on the property, in terms of area, depth and associated water velocity, the applicant proposed a cut/fill balance in order to provide for a minor alteration of the flood plain area to facilitate the proposed parking lot. The proposed quantity of fill is approximately 12.5 cubic metres (441 cubic feet) with an equal corresponding volume to be cut directly adjacent to the parking area. As a part of TRCA's review of an associated Site Plan Control application (Municipal File No. DA.16.096) for the subject works, staff reviewed the supporting analysis and plans and were satisfied that the applicant demonstrated that the conveyance and storage of flood waters would not be negatively impacted by the proposal.

Furthermore, the location of the proposed works is relatively flat and is void of any significant vegetation. That being said, the works are within the 120 metre area of influence of two provincially significant wetland (PSW) features and as such a Natural Heritage Evaluation was completed by the proponent as a part of their Site Plan Control application. TRCA staff reviewed the noted report and were satisfied with the analysis and recommendations. The proposed development is located over 30 meters from the edge of the PSW features. Based on the distance between the proposed development and the wetland features and the fact that there is a road (Keele Street) and railway corridor between the property and the wetlands, no significant impacts are anticipated to the features.

Based on the above, TRCA staff are satisfied that no ecological, geotechnical or flood related impacts will result from the proposed works.

Control of Flooding:

The northwestern corner of the property is located within the Regulatory Storm flood plain. TRCA staff are satisfied that the cut/ fill exercise required to facilitate an alteration of the flood plain is minor in nature and will not result in any impacts to the storage and/or conveyance of flood waters during a Regulatory Storm event.

Pollution:

Appropriate sediment and erosion controls will be installed and maintained throughout all phases of construction.

Dynamic Beaches:

Not applicable.

Erosion:

There are no geotechnical and/or slope stability concerns associated with the proposed works.

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Conservation of Land:

The proposed works are generally located within an existing disturbed area that is currently void of any significant vegetation. Furthermore, the works are over 30 metres from the adjacent wetland features and are separated from the features by a road (Keele Street) and a railway corridor.

Plantings

No plantings were required by TRCA for the subject works. That being said, the applicant has prepared a landscape plan as a part of the project and TRCA staff are satisfied with the proposed species.

Policy Guidelines:

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

CFN: 60205 - Application #: 0789/18/VAUG

Report Prepared by: Stephen Bohan 5743 sbohan@trca.on.ca

For information contact: Stephen Bohan 5743 sbohan@trca.on.ca

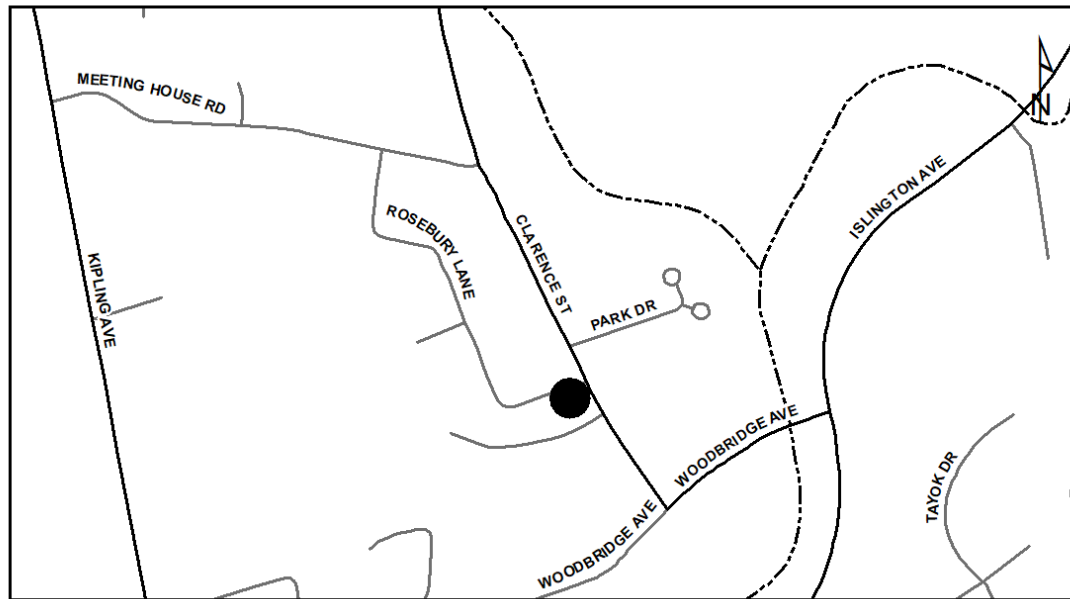
Date: August 27, 2018

CITY OF VAUGHAN

11.8 50 CLARENCE STREET

To construct, reconstruct, erect or place a building or structure and temporarily or permanently place, dump or remove any material, originating on the site or elsewhere on Part Lot 7, Concession 7, (50 Clarence Street), in the City of Vaughan, Humber River Watershed. The purpose is to undertake works within TRCA's Regulated Area of the Humber River Watershed subject to the Woodbridge Special Policy Area (SPA) in order to facilitate the construction of a new 40.75 sq.m. (438.63 sq.ft.) detached garage on the property municipally known as 50 Clarence Street in the City of Vaughan, associated with a municipal building permit.

MAP LOCATION: 50 Clarence Street, City of Vaughan



The permit will be issued for the period of September 7, 2018 to September 6, 2020 in accordance with the following documents and plans which form part of this permit:

- **Structural Engineer's letter, prepared by R. Kurkjian, dated August 15, 2018, received by TRCA August 15, 2018;**
- **Grading Plan, prepared by RN Design Ltd., Revision No 3 dated July 11, 2018, received by TRCA July 19, 2018;**
- **Drawing No. A1, Foundation Plan and Ground Floor Elevations, Revision No 6 dated July 11, 2018, stamped by Ray Kurkjian July 11, 2018, received by TRCA July 18, 2018;**
- **Drawing No. A2, Front and Rear Elevations, Revision No 6 dated July 11, 2018, stamped by Ray Kurkjian July 19, 2018, received by TRCA July 19, 2018;**
- **Drawing No. A3, Right and Left Side Elevations, Revision No 6 dated July 11, 2018, stamped by Ray Kurkjian July 19, 2018, received by TRCA July 19, 2018;**
- **Drawing No. D1, Details, Revision No 6 dated July 11, 2018, stamped by Ray Kurkjian July 11, 2018, received by TRCA July 18, 2018;**
- **Drawing No. D2, Details, Revision No 6 dated July 11, 2018, stamped by Ray Kurkjian July 11, 2018, received by TRCA July 18, 2018;**

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- **Drawing No. D3, Details, Revision No 6 dated July 11, 2018, stamped by Ray Kurkjian July 11, 2018, received by TRCA July 18, 2018.**

RATIONALE

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

Proposal:

The purpose of the application is to undertake works within TRCA's Regulated Area of the Humber River Watershed, subject to the Woodbridge Special Policy Area (SPA), in order to facilitate the construction of a new 40.75 sq.m. (438.63 sq.ft.) detached garage on the property municipally known as 50 Clarence Street in the City of Vaughan, associated with a municipal building permit. The subject property is located at the southwest corner of Clarence Street and Rosebury Lane. The property is entirely within the Regulatory Flood Plain associated with the Main Humber River, which is located approximately 200 metres (656 feet) to the east.

This area of historical downtown Woodbridge has been designated as a SPA by the Province of Ontario, which allows for some development and redevelopment to occur within floodprone areas, subject to satisfying a number of technical requirements, including floodproofing. Under the SPA criteria in the Woodbridge Centre Secondary Plan, certain development may be permitted within the flood plain provided adequate floodproofing measures can be incorporated into the design and construction of all proposed structures. The SPA policies require that a level of flood protection between the Regulatory Storm flood level and the 1:350 year flood level is achieved, plus freeboard, as determined by TRCA.

The Regulatory Storm elevation in this location is 145.99 metres above sea level (masl), and the 1:350 year flood level elevation is 142.43 masl. The applicant provided drawings stamped by a structural engineer showing that the openings to the garage are located above the 1:350 year flood level. Given the function of the proposed garage as a non-habitable accessory structure, a lower level of floodproofing can be accepted by TRCA staff. The applicant has also provided a letter from a structural engineer confirming that the structure will be able to withstand the flood depth and velocity associated with the Regulatory Storm in this location. As such, TRCA staff are satisfied that the proposal will not have any impacts with respect to the control of flooding.

Control of Flooding:

The proposed works are located within the Woodbridge Special Policy Area. The applicant provided drawings stamped by a structural engineer showing that the openings to the garage are located above the 1:350 year flood level, as well as a letter from a structural engineer confirming the works will withstand the depth and velocity associated with a Regulatory Storm event. As such, no flood related concerns are anticipated with this proposal.

Pollution:

Erosion and sediment controls are not required, as the subject property is located 200 metres (656 feet) from the Humber River, with several developed lots separating the subject property and the river.

Dynamic Beaches:

Not applicable.

Erosion:

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

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Conservation of Land:

The location of the works is void of any significant vegetation.

Plantings

Given that no significant vegetation is to be removed during the construction of the works, no plantings are required.

Policy Guidelines:

This proposal is consistent with Section 8.4 - General Regulation Policies, and Section 8.5.3 - Development Within Special Policy Areas of The Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 59991 - Application #: 0586/18/VAUG

Report Prepared by: Polina Bam 5256 polina.bam@trca.on.ca

For information contact: Jackie Burkart 5304 jburkart@trca.on.ca

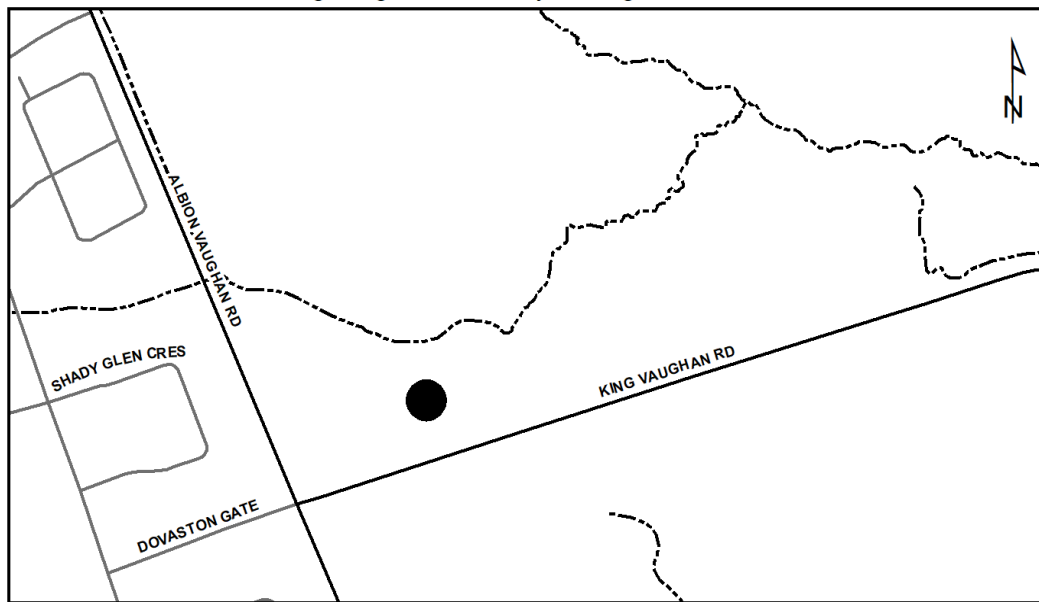
Date: August 27, 2018

CITY OF VAUGHAN

11.9 7850 KING VAUGHAN ROAD

To construct, reconstruct, erect or place a building or structure, site grade and temporarily or permanently place, dump or remove any material, originating on the site or elsewhere on Lot 1, Concession 11, (7850 King Vaughan Road), in the City of Vaughan, 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 retaining wall varying from 0.2 metres (0.66 feet) to 2.12 metres (6.96 feet) in height and approximately 35 metres (114.83 feet) in length, and slope restoration and plantings to address historic incursions and vegetation removals. The works are included as part of an overall residential proposal consisting of a new single detached dwelling and a new septic system, which are outside of TRCA's Regulated Area.

MAP LOCATION: 7850 King-Vaughan Road, City of Vaughan



The permit will be issued for the period of September 7, 2018 to September 6, 2020 in accordance with the following documents and plans which form part of this permit:

- **Drawing No. A-1.1, Site Plan, prepared by n Architecture Inc., dated July 9, 2018, received by TRCA on July 11, 2018;**
- **Drawing No. A-1.0, Site Plan, prepared by n Architecture Inc., dated July 9, 2018, received by TRCA on July 11, 2018;**
- **Sheet No. L1-01, Landscape Restoration Plan, prepared by Marton Smith Landscape Architects., Revision 3 dated July 12, 2018, received by TRCA on July 12, 2018;**
- **Sheet No. LD-01, Landscape Details, prepared by Marton Smith Landscape Architects., Revision 3 dated July 10, 2018, received by TRCA on July 11, 2018;**
- **Drawing No. ESC-1, Part Site Plan Erosion and Sediment Control, prepared by Gunnell Engineering, Revision 1 dated June 19, 2018, received by TRCA July 11, 2018;**
- **Drawing No. SP-2, Part Site & Grading Plan, Sewage System Design, prepared by Gunnell Engineering, Revision 2 dated July 10, 2018, received by TRCA July 11, 2018;**

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- **Drawing No. SP-1, Overall Site Plan, Sewage System Design, prepared by Gunnell Engineering, Revision 1 dated June 19, 2018, received by TRCA July 11, 2018;**
- **Cost Estimate - Landscape Restoration, prepared by Marton Smith Landscape Architects, dated May 30, 2018, received July 11, 2018.**

Application-Specific Permit Conditions

1. The Owner shall provide TRCA with a Security in the amount of \$13,850.00 in a form satisfactory to TRCA for the works subject to this permit prior to the start of the works. The Owner agrees that any non-compliance with the approved permit, plans, documents and/or conditions shall make the following remedies available to TRCA, in addition to any other remedies available to it under law:
 - Drawing on the Security in whole or in part;
 - Undertaking or completing at the Owner's cost any works approved under the permit;
 - Rectifying issues of non-compliance at the Owner's cost;
 - Entering upon the Owner's lands through TRCA's employees, servants or agents;
 - Canceling the permit issued with respect to the Owner's lands.
2. The Owner acknowledges that the \$13,850.00 Security may be released in whole or in part by TRCA 30 days after all works subject to this permit have been completed to the satisfaction of TRCA, which includes, but is not limited to the completion of plantings as described within the permit details, and the final stabilization of all disturbed areas.

RATIONALE

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

Proposal:

The purpose is to undertake works within TRCA's Regulated Area of the Humber River Watershed in order to facilitate the construction of a retaining wall varying from 0.2 metres (0.66 feet) to 2.12 metres (6.96 feet) in height and approximately 35 metres (114.83 feet) in length, and slope restoration and plantings to address historic incursions and vegetation removals. The works are included as part of an overall residential proposal consisting of a new single detached dwelling and a new septic system, which are outside of TRCA's Regulated Area.

The subject property is partially regulated by TRCA due to the presence of a valley corridor associated with a tributary of the Humber River. In the preliminary stages of this proposal TRCA staff undertook a site visit in order to determine the developable limits of the lot in relation to the proper siting of the overall residential development. TRCA staff noted the presence of a historic access road that had been cut into the slope, as well as vegetation removals and a concrete deck and steps constructed at the southern bank of the watercourse. These works appear to be over 20 years old, and much of them were outside of the area TRCA regulated at the time; therefore a violation notice was not issued for this site.

The applicant has sufficiently delineated the Long Term Stable Top of Slope (LTSTOS) associated with the valley feature, and provided a planting and restoration plan to the satisfaction of TRCA staff that demonstrates a restoration of the 10 metre buffer to be taken from the LTSTOS. This provides for a net ecological gain given the historic conditions of the property. The applicant has agreed to provide a Security to be held by TRCA to ensure the completion of the plantings.

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The subject works are located outside of the Regional Storm Flood Plain associated with the watercourse, and are set 10 metres beyond the LTSTOS of the valley corridor. As such, TRCA staff are satisfied that the works are sited appropriately outside of the erosion hazard. Furthermore, the implementation of the above noted planting plan will provide for a net ecological gain.

Control of Flooding:

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

Pollution:

The applicant has provided an Erosion and Sediment Control Plan to the satisfaction of TRCA staff.

Dynamic Beaches:

Not applicable.

Erosion:

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

Conservation of Land:

No significant vegetation will be removed as a result of the proposed works. The applicant has agreed to provide a Security to be held by TRCA to ensure the completion of the restoration plantings.

Plantings

A planting plan has been provided as part of the subject proposal. A total of 30 trees and 385 shrub plantings are proposed. TRCA staff are satisfied with the planting details proposed.

Policy Guidelines:

This proposal complies with Section 8.4 - General Regulation Policies - and Section 8.5 - Valley and Stream Corridors - of The Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 60085 - Application #: 0662/18/VAUG

Report Prepared by: Polina Bam 5256 polina.bam@trca.on.ca

For information contact: Coreena Smith 5269 csmith@trca.on.ca

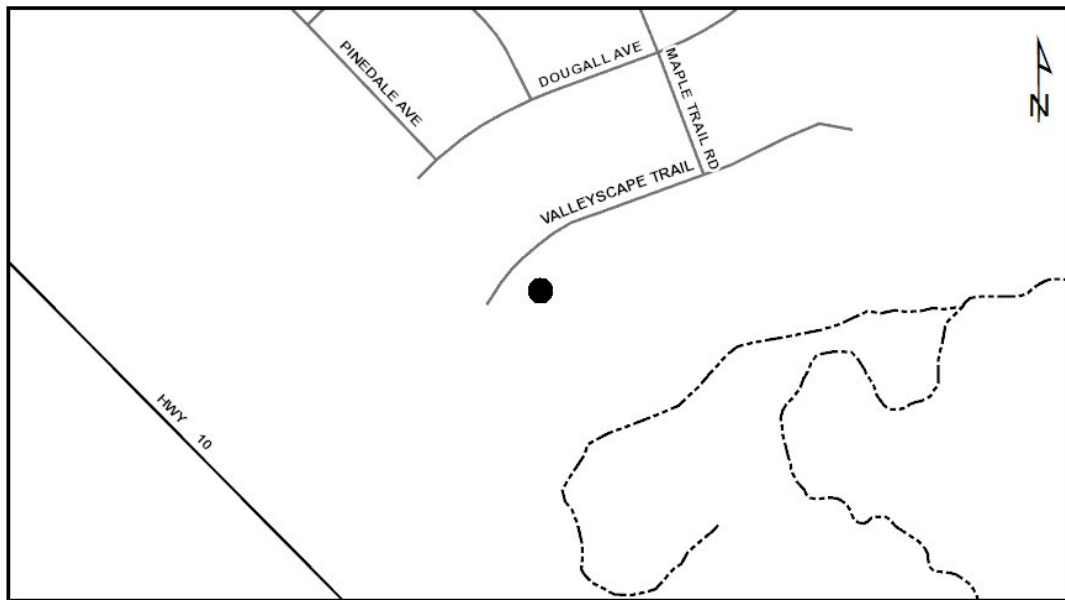
Date: August 27, 2018

TOWN OF CALEDON

11.10 39 VALLEYSCAPE TRAIL

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 at 39 Valleyscape Trail, in the Town of Caledon, Etobicoke Creek Watershed. The purpose is to undertake work within TRCA's Regulated Area of the Humber River Watershed in order to recognize an existing residential unit located in the basement of an existing residential dwelling associated with a municipal building permit. The subject property and existing residential dwelling are located outside of the Regulatory Floodplain. The subject property is located at 39 Valleyscape Trail, in the City of Brampton. The described works were initiated without the issuance of a TRCA permit or a municipal building permit. As such, an additional permit application fee was charged for this "after-the-fact" permit.

MAP LOCATION: 39 Valleyscape Trl, Caledon



The permit will be issued for the period of September 7, 2018 to September 6, 2020 in accordance with the following documents and plans which form part of this permit:

- **Drawing No. A.1, Existing Apartment Review, dated August 2, 2018, received by TRCA on August 8, 2018.**

RATIONALE

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

Proposal:

The purpose is to undertake work within TRCA's Regulated Area of the Humber River Watershed in order to recognize an existing 870 sq ft (80.83 sq m) residential unit located in the basement of an existing residential dwelling, associated with a municipal building permit. The subject property is located at 39 Valleyscape Trail, in the City of Brampton. The subject property is located adjacent to a valley corridor, a tributary of the Etobicoke Creek West Branch, and Regional Floodplain associated with the Etobicoke Creek Watershed. The subject property and

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existing residential dwelling are sufficiently set back from the top of bank, tributary, and Regulatory Floodplain. The subject property is also entirely located within the 120 metre Area of Interference associated with a Provincially Significant Wetland (PSW). The subject property and existing residential dwelling are located beyond the 30 metre Minimum Vegetation Protection Zone required from the PSW, and within the existing dwelling. TRCA staff are satisfied that there will be no impacts from the proposed development on the wetland or its associated vegetation. As such, there are no geotechnical, flooding or ecological concerns with this proposal.

Control of Flooding:

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

Pollution:

Erosion and sediment controls (i.e. silt fencing) are not required as the works have already been completed.

Dynamic Beaches:

Not applicable.

Erosion:

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

Conservation of Land:

No significant vegetation was removed as a result of this project.

Plantings

As no vegetation was removed as result of this proposal, no additional plantings are required.

Policy Guidelines:

The proposal complies with Section 8.5.1.6 - Internal Renovations - of the Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 60145 - Application #: 0730/18/CAL

Report Prepared by: Colleen Bain 5657 colleen.bain@trca.on.ca

For information contact: Colleen Bain 5657 colleen.bain@trca.on.ca

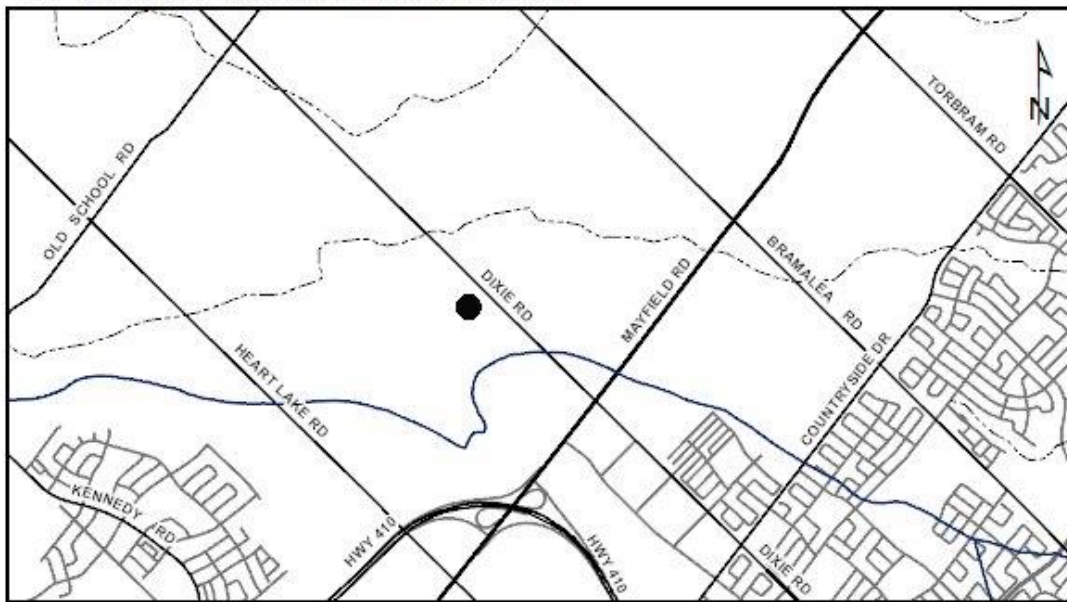
Date: August 23, 2018

TOWN OF CALEDON

11.11 PROLOGIS CANADA

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, interfere with a wetland and alter a watercourse on Part Lot 19, 20, Concession 3, (12292 Dixie Road and 12294 Dixie Road), in the Town of Caledon, Humber River Watershed as located on the property owned by Prologis Canada. The purpose is to grade within the Humber River watershed to facilitate the construction of a natural channel realignment, two Stormwater Management ponds, three industrial buildings, restoration plantings within environmental buffers and site grading associated with an approved industrial subdivision located at 12292 and 12294 Dixie Road, in the Town of Caledon.

MAP LOCATION: 12292 & 12294 Dixie Rd., Town of Caledon



The permit will be issued for the period of September 7, 2018 to September 6, 2020 in accordance with the following documents and plans which form part of this permit:

- **Letter of undertaking provided by Ross Cronkwright, Vice-President - Development and Construction Manager, Prologis Canada, dated Aug. 20, 2018, to address all outstanding TRCA issues prior to the issuance of the permit, and received by the TRCA on Aug. 20, 2018.**

RATIONALE

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

Proposal:

The proposed Prologis development is a large format logistics facility, within the Mayfield West Industrial Lands. A Comprehensive Environmental Impact Study and Management Plan (CEISMP) was completed for the Mayfield West community in 2007, which included the subject lands. TRCA staff were involved in the review of the CEISMP, and in the delineation of the

Item 11.11

natural heritage system within the community. A large tableland woodlot is located in the centre of the Industrial lands. Within the woodlot is a Provincially Significant Wetland (PSW), which was evaluated by the Ministry of Natural Resources and Forestry (MNRF) through the CEISMP process. This wetland is also the headwaters of the Humber River "H2" tributary - a tributary of the West Humber River, which bisects the subject property. The woodlot (and wetland) were dedicated to the TRCA subsequent to the CEISMP process, and are now owned by the TRCA.

The applicant is proposing to construct three (3) industrial buildings on a 84.2 ha (208 ac) parcel of land, located on the west side of Dixie Road and north of Mayfield Road, just north of the proposed east-west collector road (i.e. Abbotside Way). The proposed buildings are approximately 59,700 sq. m., 23,204 sq. m. and 82,350 sq. m. in floor area each. In addition to the three (3) buildings, the site will contain two (2) Stormwater Management (SWM) ponds and a realigned east-west channel corridor that bisects the site.

The western portion of the Prologis site is Regulated by the TRCA, adjacent to the PSW, and adjacent to the Humber River tributary. Through the CEISMP and approval of the Plan of Subdivision, it was determined that the "H2" tributary was ephemeral and could be realigned provided that a 30 m natural corridor was created that provides for fish habitat, particularly for Redside Dace, which is a species at risk within the Humber River watershed. Although the "H2" tributary is a contributing Redside Dace habitat tributary, it is not occupied by the species. MNRF staff have issued a Letter of Advice (LOA) stating that the proposed development will not adversely affect Redside Dace or its habitat provided that the applicant implement a series of conditions. The Erosion and Sediment Control (ESC) measures for the subject permit are consistent with MNRF's LOA conditions. Furthermore, MNRF has directed the applicant to provide thermal mitigation within the two SWM ponds to cool the treated stormwater before it is released into the tributary. Thermal mitigation is being achieved by lowering the bottom of one of the ponds, and installing floating pre-fabricated vegetated islands in the other. The applicant is required to undertake monitoring of the SWM ponds to assess the effectiveness of the thermal mitigation techniques.

Through a previous permit, the construction of a diversion channel and site grading was approved. The applicant is presently proposing to construct the ultimate natural channel and two SWM ponds, undertake restoration plantings within the environmental buffers and complete the site grading.

Control of Flooding:

A diversion channel was approved under a separate permit, which will convey the channel flows while the ultimate channel will be constructed. The ultimate channel is designed to convey the Regulatory Floodplain, and no impacts on the storage or conveyance of floodwaters are anticipated.

Pollution:

Sediment and erosion control measures will be installed and maintained throughout construction to prevent sediment from migrating from the portion of the site on which the development is being completed.

Dynamic Beaches:

Not applicable.

Item 11.11

Erosion:

There are no existing geotechnical/slope stability issues associated with this site. In addition, the implementation of the aforementioned sediment and erosion control measures will minimize erosion on the site.

Conservation of Land:

All works proposed under this permit application are on lands designated for employment uses, and all significant natural features are being preserved and/or enhanced through this development.

Plantings

A restoration plan for the environmental buffers has been reviewed by TRCA staff, and includes native non-invasive species as per TRCA planting guidelines.

Policy Guidelines:

This proposal is consistent with Section 8.4 General Regulation Policies of The Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 60058 - Application #: 0664/18/CAL

Report Prepared by: Leilani Lee-Yates 5370 llee-yates@trca.on.ca

For information contact: Leilani Lee-Yates 5370 llee-yates@trca.on.ca

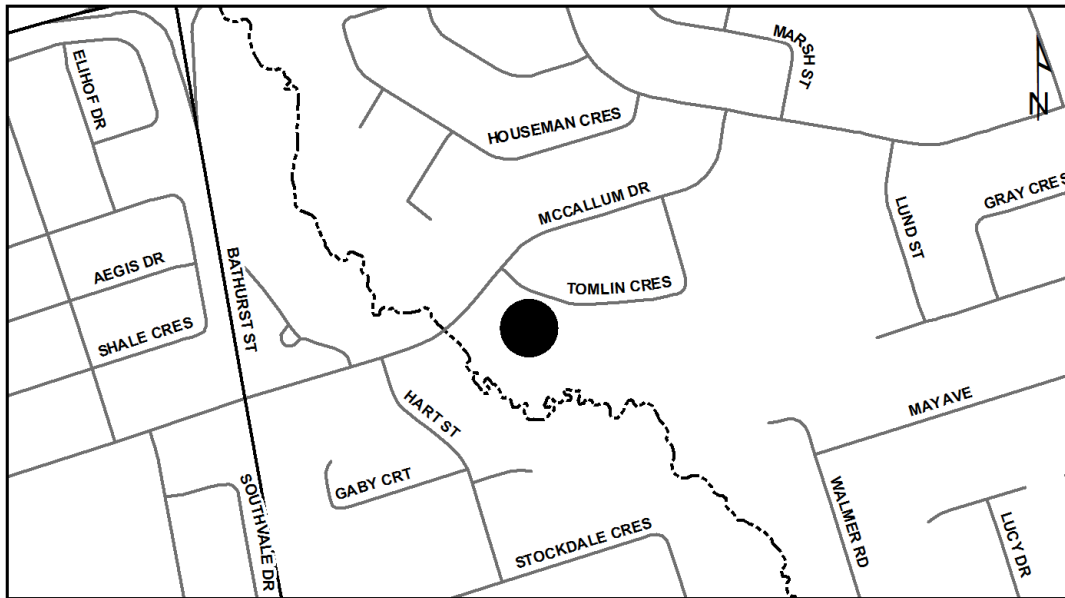
Date: August 27, 2018

TOWN OF RICHMOND HILL

11.12 43 TOMLIN CRESCENT

To construct, reconstruct, erect or place a building or structure on Lot 24, Plan 65M-2113, (43 Tomlin Crescent), in the Town of Richmond Hill, Don River Watershed. The purpose is to recognize the construction of a 3.1 m (10 ft 5 in) long, 1.5 m (5 ft 4 in) wide, 1.8 m (6 ft 6 in) deep basement walkout located at the side of an existing dwelling within TRCA's Regulated Area of the Don River Watershed. The works were constructed at 43 Tomlin Crescent, Richmond Hill without the benefit of TRCA or municipal permits. As such, an additional application fee of 100% was charged for this "after-the-fact" permit.

MAP LOCATION: 43 Tomlin Crescent, Richmond Hill



The permit will be issued for the period of September 7, 2018 to September 6, 2020 in accordance with the following documents and plans which form part of this permit:

- **Site Plan, prepared by property owner, received by TRCA on July 25, 2018;**
- **Architectural Plan and Cross Section, prepared by property owner, received by TRCA on July 25, 2018.**

RATIONALE

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

Proposal:

The purpose of this application is to recognize the construction of a 3.1 m (10 ft 5 in) long, 1.5 m (5 ft 4 in) wide, 1.8 m (6 ft 6 in) deep basement walkout located at the side of an existing dwelling within TRCA's Regulated Area. The works were constructed at 43 Tomlin Crescent, Richmond Hill without the benefit of TRCA or municipal permits. The subject property is located adjacent to a well vegetated valley corridor associated with the Don River Watershed. According to topographic information, the top of slope associated with the valley is approximately located at the rear property limit. The Regional Storm Floodplain is contained within the valley and does not extend onto the site. Given the separation distance of the works from the top of slope and

Item 11.12

Regional Storm Floodplain (over 10 metres), there are no geotechnical or flooding related concerns with this application. Furthermore, the basement walk-out was constructed in an area that is void of any significant vegetation and previously consisted of manicured lawn. As such, there are no ecology related concerns as well.

Permit Fee:

The applicant initiated works in advance of obtaining a permit under Ontario Regulation 166/06, therefore the permit to be issued is "after the fact". The applicant has paid the application fee plus 100% as required for an "after the fact" permit in contravention of the Regulation.

Control of Flooding:

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

Pollution:

Erosion and sediment controls (i.e. silt fencing) will not be required as the proposed works have been completed.

Dynamic Beaches:

Not applicable.

Erosion:

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

Conservation of Land:

No significant vegetation has been removed as a result of the proposed works.

Plantings

As no significant vegetation was removed, plantings are not required.

Policy Guidelines:

The proposal complies with Section 8.4 - General Regulation Policies - and Section 8.5.1.7 - Property Improvements and Non-Habitable Accessory Structures - of the Living City Policies for Planning and Development in the Watersheds of the TRCA.

CFN: 60122 - Application #: 0707/18/RH

Report Prepared by: Nicholas Cascone 5927 ncascone@trca.on.ca

For information contact: Nicholas Cascone 5927 ncascone@trca.on.ca

Date: August 23, 2018

PERMIT APPLICATIONS 11.13 - 11.15 ARE MAJOR APPLICATION - ERRATA

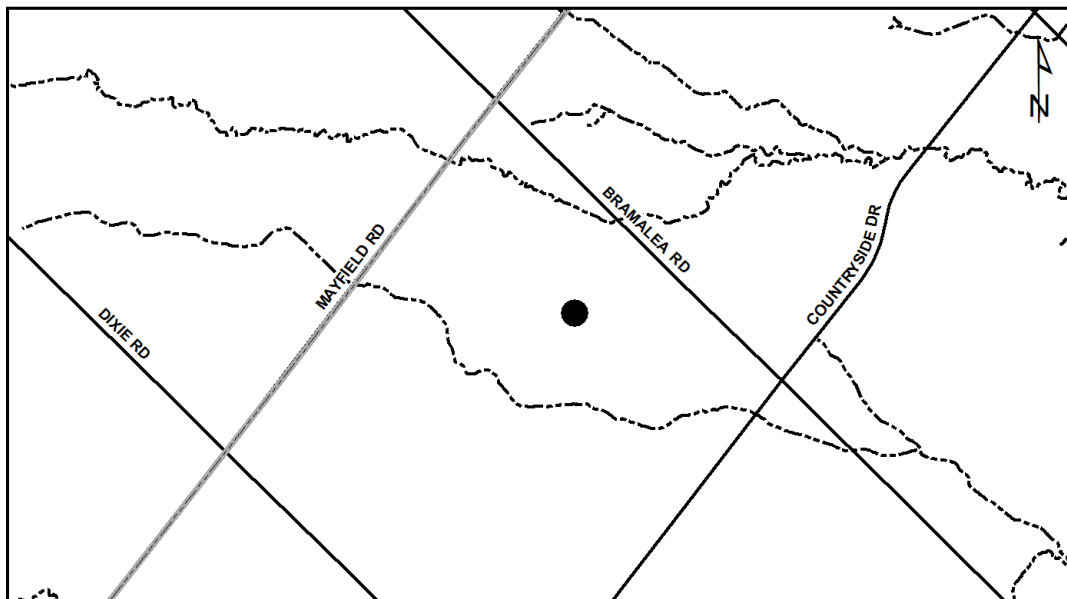
Applications that involved a more complex suite of technical studies to demonstrate consistency with policies; applications that cover a significant geographic area (e.g. subdivisions, stormwater management ponds), extensive modifications to the landscape, major infrastructure projects, emergency works, resolution of violations/after the fact permits, trail construction.

CITY OF BRAMPTON

11.13 NEAMSBY INVESTMENTS 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 alter a watercourse on Part Lot 16, 17, Concession 4 EHS, (Mayfield Road and Bramalea Road), in the City of Brampton, Humber River Watershed as located on the property owned by Neamsby Investments Inc. The purpose is to grade, fill and construct within the Humber River Watershed to facilitate a road crossing over a realigned natural channel associated with an approved residential subdivision located at Mayfield Road and Bramalea Road in the City of Brampton.

MAP LOCATION: Neamsby Investments Inc, Bramalea Rd, City of Brampton



The permit will be issued for the period of September 7, 2018 to September 6, 2020.

The documents and plans which form part of this permit will be listed in a separate report

RATIONALE

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

Proposal:

The subject lands are located at the north-west corner of Countryside Dr. and Bramalea Rd. within the Countryside Villages Block Plan Area 48-1, in the City of Brampton. A Master

Item 11.13

Environmental Servicing Plan (MESP) was completed for the Secondary Plan, and a Comprehensive Environmental Implementation Report (EIR) was completed for the Block Plan. In 2013, the Draft Plan of Subdivision (21T-11006B) was approved with conditions, including the requirement to obtain TRCA permits to facilitate the development. The Neamsby Investments Inc. subdivision is one of three subdivisions within the eastern half of Block 48-1, referred to as "Phase 2". The West Humber Tributary "A" traverses the west portion of the draft plan of subdivision.

Through the Block Plan process and completion of the EIR, it was determined that Tributary "A" is an intermittent and ill-defined stream, that conveys flows from the north that originate in the Mayfield West Phase 1 Industrial Lands in the Town of Caledon, and continues south through established subdivisions in the City of Brampton. Tributary "A" is to be enhanced through a natural channel design that will create a corridor width of 35 m with a 10 m buffer on each side for a total width of 55 m. Tributary "A" is identified by the Ministry of Natural Resources and Forestry (MNR) as a Redside Dace contributing habitat tributary, and as such the natural channel design includes features to encourage fish habitat such as pocket wetlands. The new channel baseflow will be supplemented with clean water sources from a third pipe system within the subdivision that will collect clean rain water from roofs and around foundations. A permit has been approved for the construction of a diversion channel and ultimate realigned natural channel through previous permits.

"Inspire Boulevard East" is the west-east spine road within the Block Plan that is proposed to connect Dixie Road to the west to Bramalea Road to the east, and crosses over the realigned natural channel (i.e. Tributary "A"). The subject permit will facilitate the construction of a 14.40 m by 2.74 m concrete open bottom culvert road crossing over the realigned channel. Riffles and pools are applied to the channel at the crossing structure, to provide good tie-in with the channel upstream and downstream of the crossing. Based on the proposed channel alignment through the culvert span of 14.40 m, the minimum width between the outside bank of the pools and the culvert wall is 3.85 m to allow for terrestrial passage.

Separate permits have been approved to facilitate the construction of the realigned natural channel, and several additional permits will be required to facilitate topsoil stripping, grading and servicing for the subject lands and two other subdivisions within Block 48-1, Phase 2.

Control of Flooding:

The concrete span has been sized to convey the Regional Floodplain, and as such there are no anticipated impacts to storage and conveyance of stream and storm flows.

Pollution:

Appropriate sediment and erosion controls will be installed and maintained on the subject property during all phases of construction.

Dynamic Beaches:

Not applicable.

Erosion:

The road crossing has been designed to satisfy TRCA geotechnical and slope stability requirements. In addition, the implementation of the aforementioned sediment and erosion control measures will minimize erosion on the site.

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Conservation of Land:

All in-water works must adhere to the fisheries timing window. In-water works are generally prohibited from March 15 to July 15, and September 15 to May 31. Furthermore, the tributary is identified by MNRF as Redside Dace contributing habitat, and the Ministry has indicated that a Letter of Approval will be required to facilitate the tributary realignment and natural channel design.

Plantings

A restoration plan for the ultimate realigned natural channel has been reviewed by TRCA staff. All plantings for the restoration works will be native, non-invasive species as per TRCA's planting guidelines.

Policy Guidelines:

This proposal is consistent with Section 8.4 General Regulation, and 8.9 Infrastructure Policies of The Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 59712 - Application #: 0447/18/BRAM

Report Prepared by: Leilani Lee-Yates 5370 llee-yates@trca.on.ca

For information contact: Leilani Lee-Yates 5370 llee-yates@trca.on.ca

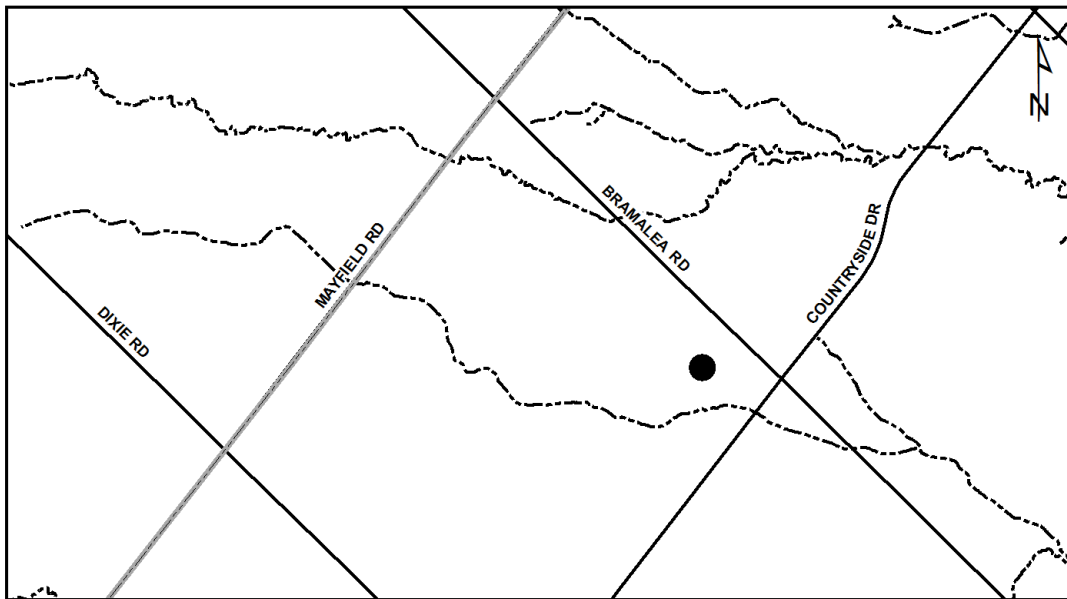
Date: August 27, 2018

CITY OF BRAMPTON

11.14 WALLSEND DEVELOPMENT 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 alter a watercourse on Part Lot 16, 17, Concession 4 EHS, (Mayfield Road and Bramalea Road), in the City of Brampton, Humber River Watershed as located on the property owned by Wallsend Development Inc.. The purpose is to grade, fill and construct within the Humber River Watershed to facilitate two Stormwater Management ponds and outfalls associated with an approved residential subdivision located at Mayfield Road and Bramalea Road, in the City of Brampton.

MAP LOCATION: Wallsend Development Inc., Bramalea Rd, City of Brampton



The permit will be issued for the period of September 7, 2018 to September 6, 2020.

The documents and plans which form part of this permit will be listed in a separate report

RATIONALE

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

Proposal:

The subject lands are located at the north-west corner of Countryside Dr. and Bramalea Rd. within the Countryside Villages Block Plan Area 48-1, in the City of Brampton. A Master Environmental Servicing Plan (MESP) was completed for the Secondary Plan, and a Comprehensive Environmental Implementation Report (EIR) was completed for the Block Plan. In 2013, the Draft Plan of Subdivision (21T-12003B) was approved with conditions, including the requirement to obtain TRCA permits to facilitate the development. The Wallsend Development Inc. subdivision is one of three subdivisions within the eastern half of Block 48-1, referred to as "Phase 2". The West Humber Tributary "A" traverses the western portion of the draft plan of subdivision. There is also a portion of a locally significant woodlot and wetland feature located to the west of the realigned natural channel. Two Stormwater Management (SWM) ponds

Item 11.14

referred to as, "H2-1" and "H2-2" have been designed to be consistent with the Block Plan EIR preliminary design and to meet the TRCA's watershed stormwater quality, quantity and erosion targets.

SWM pond H2-1 will service an area of 30.26 ha in size, and H2-2 will service an area of 46.62 ha for a total drainage area of 76.88 ha. The area being serviced will include 1,280 residential units including single detached homes and townhouses; two school blocks; two park blocks; a commercial block; part of a protected woodlot/wetland feature; and several roads. Separate permits have been approved to facilitate the construction of the realigned natural channel, and several additional permits will be required to facilitate topsoil stripping, grading and servicing for the subject lands and two other subdivisions within Block 48-1, Phase 2.

Control of Flooding:

The proposed residential development is located outside of the Regulatory Floodplain. While a small portion of the permanent stormwater management pond infrastructure is located within floodplain, it has been designed to meet TRCA's requirements. As such, no impacts on the storage or conveyance of floodwaters are anticipated.

Pollution:

Appropriate sediment and erosion controls will be installed and maintained on the subject property during all phases of construction.

Dynamic Beaches:

Not applicable.

Erosion:

The SWM pond and outfall designs incorporate TRCA geotechnical and slope stability requirements. In addition, the implementation of the aforementioned sediment and erosion control measures will minimize erosion on the site.

Conservation of Land:

The approved Draft Plan of Subdivision identifies and protects all significant natural heritage systems (i.e. the realigned natural channel and the portion of the woodlot and wetland) and the associated buffers within separate blocks that will be gratuitously dedicated to the City of Brampton.

Plantings

As part of the current proposal a planting plan has been submitted for the stormwater management pond. All plantings will be native non-invasive species as per TRCA guidelines.

Policy Guidelines:

This proposal is consistent with Section 8.4 General Regulation, and 8.9 Infrastructure Policies of The Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 59714 - Application #: 0448/18/BRAM

Report Prepared by: Leilani Lee-Yates 5370 llee-yates@trca.on.ca

For information contact: Leilani Lee-Yates 5370 llee-yates@trca.on.ca

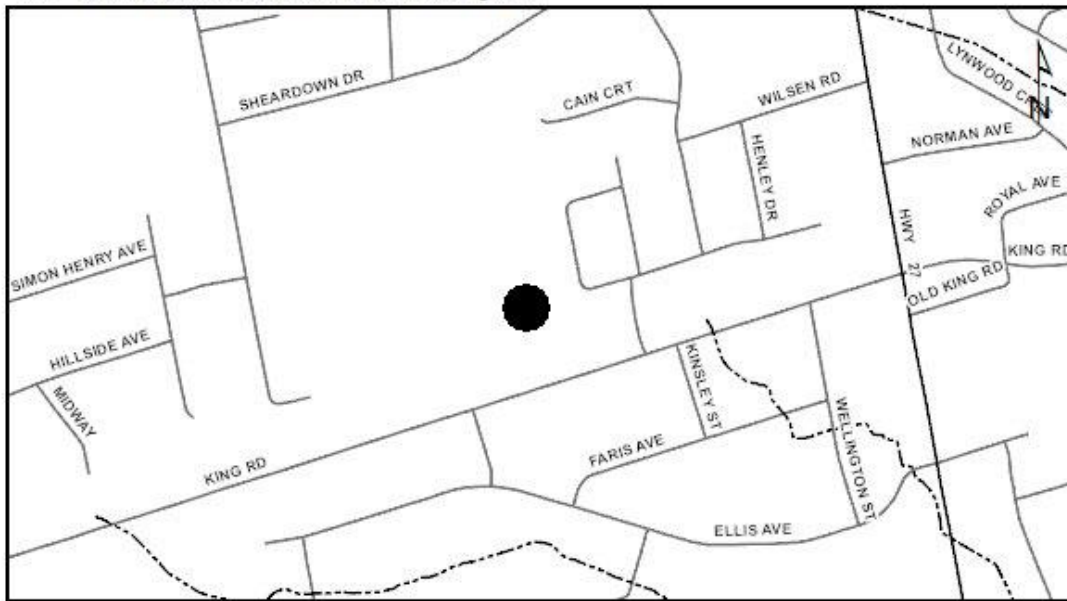
Date: August 27, 2018

TOWNSHIP OF KING

11.15 FANDOR HOMES

To construct, reconstruct, erect or place a building or structure, site grade and alter a watercourse on Lot 6, 7, Concession 9, (6178 King Road, 6190 King Road, 6202 King Road, 6220 King Road, 6230 King Road, 6260 King Road, 6288 King Road), in the Township of King, Humber River Watershed as located on the property owned by Fandor Homes. The purpose is to allow development and the alteration of a watercourse within a Regulated Area of the Humber River Watershed to facilitate the construction of a stormwater management (SWM) pond and associated outfall as part of the Via Moto subdivision (19T-12K01) located on lands known municipally as 6178, 6190, 6202, 6220-6230, 6260 and 6288 King Road, in the Township of King.

MAP LOCATION: 6178, 6220-6230, and 6288 King Road



The permit will be issued for the period of September 7, 2018 to September 6, 2020.

The documents and plans which form part of this permit will be listed in a separate report

RATIONALE

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

Proposal:

The purpose is to allow development and the alteration of a watercourse within a Regulated Area of the Humber River Watershed to facilitate the construction of a stormwater management (SWM) pond and associated outfall as part of the Via Moto subdivision (19T-12K01) located on lands known municipally as 6178, 6190, 6202, 6220-6230, 6260 and 6288 King Road, in the Township of King.

The SWM pond will be located in the southeast portion of the lands owned by Fandor Homes, in draft plan approved subdivision 19T-12K01. There is an existing tributary of the Humber River traversing the site west to east that is to be re-constructed as part of a future permit currently

Item 11.15

under review. There are no other natural features present on the property, with existing single family dwellings in a settlement area surrounding the properties on all sides.

The SWM pond is to be constructed to the south of the re-constructed channel in a previously vacant area. The outlet flows will be divided between the re-constructed channel and an existing storm sewer running under Henry Gate on the south side of King Road which outlets to a minor branch of the same watercourse.

Control of Flooding:

There will be no impact to the storage or conveyance of floodwaters.

Pollution:

Sediment and erosion controls measures will be installed and maintained throughout development to prevent sediment from entering the watercourse or adjacent properties.

Dynamic Beaches:

Not applicable.

Erosion:

There are no geotechnical/slope stability concerns associated with the proposed development. In addition, the implementation of the aforementioned sediment and erosion control measures will minimize erosion on the site.

Conservation of Land:

No significant natural features on or adjacent to the site will be impacted by the project.

Plantings

An extensive restoration plan has been prepared for the SWM facility to the satisfaction of TRCA staff.

Policy Guidelines:

The proposal complies with Section 8.4 - General Regulation Policies - and Section 8.9 - Infrastructure Policies - of The Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 60087 - Application #: 0649/18/KING

Report Prepared by: Anthony Syhlonyk 5272 asyhlonyk@trca.on.ca

For information contact: Colleen Bonner 5307 cbonner@trca.on.ca

Date: August 27, 2018

11.16 STANDARD DELEGATED PERMITS

Standard Permits, including Emergency Infrastructure Works permissions, are implemented by Planning and Development Division staff and are received monthly by the Executive Committee. Standard Permits, including Emergency Infrastructure Works permissions, are subject to the authorization of designated staff appointed as Enforcement Officers, as per Authority Res.#A198/13, #A199/13 and #A103/15, respectively. All standard and emergency infrastructure works are non-complex permissions consistent with TRCA approved policies and procedures and issued for a time period of two years or less.

CITY OF BRAMPTON

KHALSA COMMUNITY SCHOOL - 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 bus circulation and passenger pick-up/drop-off driveway in the existing grass area to the rear of an existing Private School associated with a municipal site plan application (City File No. SP 13-073.000) and a municipal building permit. The subject property is located at 69 Maitland Street, in the City of Brampton.

CFN: 59892 - Application #: 0543/18/BRAM

Report Prepared by: Anant Patel, extension 5618, email apatel@trca.on.ca

For information contact: Anant Patel, extension 5618, email apatel@trca.on.ca

Date: July 30, 2018

CITY OF MARKHAM

CITY OF MARKHAM - Rouge River Watershed

The purpose is to install a concrete slab and perform site grading in order to facilitate the construction of a pedestrian maze on 16th Avenue, east of Main Street, in the City of Markham. The maze will be placed on a concrete slab approximately 3 m wide and 5 m long, and is being implemented to improve pedestrian safety near the at-grade rail crossing. No in-water work is associated with this project.

CFN: 60010 - Application #: 0602/18/MARK

Report Prepared by: Tony To, extension 5798, email tto@trca.on.ca

For information contact: Tony To, extension 5798, email tto@trca.on.ca

Date: August 28, 2018

FOREST BAY HOMES LTD. - Rouge River Watershed

The purpose is to construct an underground stormwater management tank, emergency outlet as well as conduct associated site grading within a Regulated Area of the Rouge River watershed at 6350 Steeles Avenue East in the City of Markham.

CFN: 55589 - Application #: 0263/16/MARK

Report Prepared by: Anthony Sun, extension 5724, email asun@trca.on.ca

For information contact: Anthony Sun, extension 5724, email asun@trca.on.ca

Date: August 16, 2018

FOREST BAY HOMES LTD. - Rouge River Watershed

The purpose is to construct an extension to a municipal road (Kirkham Drive), storm and sanitary sewers as well as conduct associated site grading within a Regulated Area of the Rouge River watershed at 6350 Steeles Avenue East in the City of Markham.

CFN: 55591 - Application #: 0265/16/MARK

Report Prepared by: Anthony Sun, extension 5724, email asun@trca.on.ca

For information contact: Anthony Sun, extension 5724, email asun@trca.on.ca

Date: August 17, 2018

FOREST BAY HOMES LTD. - Rouge River Watershed

The purpose is to construct an underground stormwater management tank, outfall and outfall channel as well as conduct associated site grading within a Regulated Area of the Rouge River watershed at 6350 Steeles Avenue East in the City of Markham.

CFN: 55592 - Application #: 0266/16/MARK

Report Prepared by: Anthony Sun, extension 5724, email asun@trca.on.ca

For information contact: Anthony Sun, extension 5724, email asun@trca.on.ca

Date: August 13, 2018

99 FRED VARLEY DRIVE - Rouge River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Rouge River Watershed to facilitate the construction of a two-storey replacement dwelling and deck at 99 Fred Varley Drive, Markham.

CFN: 59993 - Application #: 0599/18/MARK

Report Prepared by: Aidan Pereira, extension 5723, email apereira@trca.on.ca

For information contact: Aidan Pereira, extension 5723, email apereira@trca.on.ca

Date: August 15, 2018

19 CHRISTMAN COURT - Rouge River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Rouge River Watershed to facilitate the construction of a swimming pool, equipment shed and hardscaping at 19 Christman Court, Markham.

CFN: 59339 - Application #: 0154/18/MARK

Report Prepared by: Aidan Pereira, extension 5723, email apereira@trca.on.ca

For information contact: Aidan Pereira, extension 5723, email apereira@trca.on.ca

Date: February 23, 2018

12 SAVANNAH CRESCENT - Rouge River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Rouge River Watershed to facilitate the construction of a 3.9 square metre rear addition, replacement deck, interior/exterior alterations, raised roof, canopy roof extension and shoring at 12 Savannah Crescent, Markham.

CFN: 60153 - Application #: 0733/18/MARK

Report Prepared by: Aidan Pereira, extension 5723, email apereira@trca.on.ca

For information contact: Aidan Pereira, extension 5723, email apereira@trca.on.ca

Date: August 10, 2018

YORK REGION RAPID TRANSIT CORPORATION - Rouge River Watershed

The purpose is to undertake construction of a bus station. The site is located on Rustic Woods Avenue, north-east corner of Highway 7 and Ninth Line in the City of Markham. The bus terminal will include platforms and driveway, passenger waiting areas amenities for bus drivers and ancillary spaces. The proposed works are associated with the VIVA Bus Rapid Transit (BRT) project.

CFN: 59462 - Application #: 0279/18/MARK

Report Prepared by: Harsha Gammanpila, extension 5629, email

hgammanpila@trca.on.ca

For information contact: Harsha Gammanpila, extension 5629, email

hgammanpila@trca.on.ca

Date: August 5, 2018

CITY OF PICKERING

CITY OF PICKERING - Frenchman's Bay Watershed

The proposal is to complete Phase 1 of the Rotary Frenchman's Bay West Park Master Plan. Works will include upgrading Beachpoint Promenade from West Shore Boulevard for approximately 400 m to the existing parking lot including installation of lay-by-parking, upgrading the existing parking lot, constructing a traffic turn-around area, new waterfront trail connections, a naturalized picnic area, shelters and restoration of the disturbed site. No in-water works are proposed.

CFN: 59719 - Application #: 0410/18/PICK

Report Prepared by: Sharon Lingertat, extension 5717, email slingertat@trca.on.ca

For information contact: Beth Williston, extension 5217, email bwilliston@trca.on.ca

Date: August 22, 2018

1549 MARSCHOURT DRIVE - Duffins Creek Watershed

The purpose is to construct a sunroom at the rear of an existing two storey single family detached dwelling located at 1549 Marshcourt Drive in the City of Pickering.

CFN: 60052 - Application #: 0632/18/PICK

Report Prepared by: Stephanie Worrone, extension 5907, email

stephanie.worrone@trca.on.ca

For information contact: Steve Heuchert, extension 5311, email sheuchert@trca.on.ca

Date: August 21, 2018

SQUIRES BEACH HOLDING LIMITED - Duffins Creek Watershed

The purpose is to construct a concrete plant on the vacant industrial site located at 1325 Squires Beach Road in the City of Pickering. The concrete plant will include two storage buildings, bins and truck maintenance buildings on a new graded gravel lot.

CFN: 58947 - Application #: 1384/17/PICK

Report Prepared by: Vanessa Aubrey, extension 5662, email vaubrey@trca.on.ca

For information contact: Steve Heuchert, extension 5311, email sheuchert@trca.on.ca

Date: August 1, 2017

CITY OF TORONTO (ETOBICOKE YORK COMMUNITY COUNCIL AREA)**CITY OF TORONTO - Humber River Watershed**

The purpose is to construct a new accessible pathway and replace existing asphalt pathways. No in-water work is within the scope of this project.

CFN: 59627 - Application #: 0360/18/TOR

Report Prepared by: Heather Wright, extension 5766, email hwright@trca.on.ca

For information contact: Heather Wright, extension 5766, email hwright@trca.on.ca

Date: July 31, 2018

CITY OF TORONTO - Humber River Watershed

The purpose is to construct new cast-in-place concrete access ramps and reconstruct concrete landings and stairs for the existing Beech Hall Housing Co-operative buildings municipally described as 2, 4, 6, 8, 10A, 10, 12A, 12, 14A, 14, 15A, 15, 17A, 17, 19, 21, and 23 Humber Boulevard North in the City of Toronto (Etobicoke York). The property is also located within the Regulatory Floodplain and the Rockcliffe Special Policy Area.

CFN: 60090 - Application #: 0685/18/TOR

Report Prepared by: Nicole Moxley, extension 5968, email nmoxley@trca.on.ca

For information contact: Nicole Moxley, extension 5968, email nmoxley@trca.on.ca

Date: August 1, 2018

8 LANGMUIR CRESCENT - Humber River Watershed

The purpose is to construct a two storey rear addition, replacement retaining walls, and basement underpinning of an existing one and a half storey single family detached dwelling located at 8 Langmuir Crescent in the City of Toronto (Etobicoke York Community Council Area).

CFN: 58037 - Application #: 0680/17/TOR

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

For information contact: Steve Heuchert, extension 5311, email sheuchert@trca.on.ca

Date: August 16, 2018

41 SPRING GARDEN ROAD - Etobicoke Creek Watershed

The purpose is to construct a rear addition and deck to the existing one-storey single family detached dwelling at 41 Spring Garden Road in the City of Toronto (Etobicoke York Community Council Area).

CFN: 59542 - Application #: 0390/18/TOR

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

For information contact: Mark Rapus, extension 5259, email mrapus@trca.on.ca

Date: August 13, 2018

CITY OF TORONTO (NORTH YORK COMMUNITY COUNCIL AREA)**19 ASHGROVE PLACE - Don River Watershed**

The purpose is to construct a two storey replacement dwelling with attached rear deck where an existing one storey single family detached dwelling is currently located at 19 Ashgrove Place in the City of Toronto (North York Community Council Area).

CFN: 60109 - Application #: 0701/18/TOR

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

For information contact: Steve Heuchert, extension 5311, email sheuchert@trca.on.ca

Date: August 23, 2018

45 GWENDOLEN AVENUE - Don River Watershed

The purpose is to construct a one storey addition with basement extension, basement walkout, and stairs to grade at the rear of an existing one storey single family detached dwelling located at 45 Gwendolen Avenue in the City of Toronto (North York Community Council Area).

CFN: 59325 - Application #: 0134/18/TOR

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

For information contact: Steve Heuchert, extension 5311, email sheuchert@trca.on.ca

Date: August 23, 2018

LINELLE DEVELOPMENT LIMITED C/O MATTAMY HOMES LIMITED - Don River Watershed

The purpose is to import and stockpile clean fill material at 57 Linelle Street to facilitate the future construction of a municipal roadway and servicing related to a planned multi-unit residential subdivision.

CFN: 60072 - Application #: 0624/18/TOR

Report Prepared by: Mark Rapus, extension 5259, email mrapus@trca.on.ca

For information contact: Mark Rapus, extension 5259, email mrapus@trca.on.ca

Date: August 16, 2018

217 NEWTON DRIVE - Don River Watershed

The purpose is to construct a two storey single family dwelling at 217 Newton Drive in the City of Toronto (North York Community Council Area).

CFN: 57805 - Application #: 0491/17/TOR

Report Prepared by: Anna Lim, extension 5284, email alim@trca.on.ca

For information contact: Mark Rapus, extension 5259, email mrapus@trca.on.ca

Date: August 7, 2018

32 KILLDEER CRESCENT - Don River Watershed

The purpose is to construct a two storey replacement dwelling with attached rear covered porch and patio located at 32 Killdeer Crescent in the City of Toronto (North York Community Council Area).

CFN: 60098 - Application #: 0687/18/TOR

Report Prepared by: Stephanie Worrone, extension 5907, email

stephanie.worrone@trca.on.ca

For information contact: Mark Rapus, extension 5259, email mrapus@trca.on.ca

Date: August 9, 2018

40 PLYMBRIDGE CRESCENT - Don River Watershed

The purpose is to construct a two storey replacement dwelling with attached deck, basement walkout, and inground pool with associated hardscaping where an existing one storey single family detached dwelling is currently located at 40 Plymbridge Crescent in the City of Toronto (North York Community Council Area).

CFN: 58844 - Application #: 1313/17/TOR

Report Prepared by: Stephanie Worrone, extension 5907, email

stephanie.worrone@trca.on.ca

For information contact: Mark Rapus, extension 5259, email mrapus@trca.on.ca

Date: August 17, 2018

22 CEDARBANK CRESCENT - Don River Watershed

The purpose is to construct a second storey addition above an existing one storey single family detached dwelling located at 22 Cedarbank Crescent in the City of Toronto (North York Community Council Area).

CFN: 59211 - Application #: 0033/18/TOR

Report Prepared by: Stephanie Worrone, extension 5907, email

stephanie.worrone@trca.on.ca

For information contact: Steve Heuchert, extension 5311, email sheuchert@trca.on.ca

Date: August 23, 2018

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

2521909 ONTARIO INC. - Don River Watershed

The purpose is to construct a new three-storey duplex dwelling at 180 Munro Street in the City of Toronto (Toronto and East York). The existing dwelling is to be demolished.

CFN: 60106 - Application #: 0690/18/TOR

Report Prepared by: Nicole Moxley, extension 5968, email nmoxley@trca.on.ca

For information contact: Steve Heuchert, extension 5311, email sheuchert@trca.on.ca

Date: August 1, 2018

35 ASTLEY AVENUE - Don River Watershed

The purpose is to construct a new two storey single detached dwelling with an integral garage to the front and elevated patio to the rear at 35 Astley Avenue in the City of Toronto (Toronto and East York).

CFN: 58528 - Application #: 1062/17/TOR

Report Prepared by: Vanessa Aubrey, extension 5662, email vaubrey@trca.on.ca

For information contact: Mark Rapus, extension 5259, email mrapus@trca.on.ca

Date: July 27, 2018

CITY OF TORONTO AND CANADA POST CORPORATION - Waterfront Watershed

The purpose is to construct a new two storey building with associated parking for a Canada Post Delivery Centre on the vacant industrial lot located at 675 Commissioners Street in the City of Toronto (Toronto and East York Community Council Area).

CFN: 59968 - Application #: 0550/18/TOR

Report Prepared by: Vanessa Aubrey, extension 5662, email vaubrey@trca.on.ca

For information contact: Steve Heuchert, extension 5311, email sheuchert@trca.on.ca

Date: August 3, 2018

35 PARKVIEW HILL CRESCENT - Don River Watershed

The purpose is to construct a pool, cabana and wood deck at the rear of a new two-storey dwelling at 35 Parkview Hill Crescent in the City of Toronto (Toronto & East York Community Council Area).

CFN: 60094 - Application #: 0666/18/TOR

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

For information contact: Mark Rapus, extension 5259, email mrapus@trca.on.ca

Date: August 13, 2018

144 BOULTON DRIVE - Don River Watershed

The purpose is to construct a rear two-storey addition to an existing two-storey single family detached dwelling at 144 Boulton Drive in the City of Toronto (Toronto & East York Community Council Area).

CFN: 60115 - Application #: 0694/18/TOR

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

For information contact: Mark Rapus, extension 5259, email mrapus@trca.on.ca

Date: August 13, 2018

CITY OF VAUGHAN

BETHPAGE PROPERTIES SOUTH INC. - Humber River Watershed

The purpose is to permit development within a Regulated Area of the Humber River Watershed, to facilitate site development, including earthworks, servicing, landscaping and edge management restoration at 20 Can-Ar Gate, in the City of Vaughan in association with the construction of two (2), 1-storey multi-unit employment buildings. A portion of the site servicing, grading works, parking areas and landscaping/edge management are within TRCA's Regulated Area and are adjacent to the buffer. Additional landscaping, parking and the construction of Building A and Building B are also being constructed on the subject lands, but beyond TRCA's Regulated Area.

CFN: 59998 - Application #: 0600/18/VAUG

Report Prepared by: Mark Andrews, extension 5936, email mandrews@trca.on.ca

For information contact: Mark Andrews, extension 5936, email mandrews@trca.on.ca

Date: August 17, 2018

EASTWOOD HOLDINGS - Don River Watershed

The purpose is to facilitate, within TRCA's Regulated Area of the Don River watershed, the cleaning of an existing Stormwater Management Pond on lands known municipally as 9291 Jane Street and 2920 Rutherford Road, in the City of Vaughan.

CFN: 59665 - Application #: 0391/18/VAUG

Report Prepared by: Anthony Syhlonyk, extension 5272, email asyhlonyk@trca.on.ca

For information contact: Colleen Bonner, extension 5307, email cbonner@trca.on.ca

Date: August 9, 2018

TOWN OF AJAX

259 5TH CONCESSION ROAD - Don River Watershed

The purpose is to legalize the construction of a two storey single detached dwelling with a septic system and construct a new inground pool with associated hardscaping on an existing vacant lot of record at 259 5th Concession Road in the Town of Ajax.

CFN: 59455 - Application #: 0233/18/AJAX

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

For information contact: Steve Heuchert, extension 5311, email sheuchert@trca.on.ca

Date: August 22, 2018

TOWN OF CALEDON

14921 INNIS LAKE ROAD - Humber River Watershed

The purpose is to construct a new 443.05 square metre (4,769 square foot) single family residential dwelling with a new driveway, septic, and well. The subject property is located at 14921 Innis Lake Road, in the Town of Caledon.

CFN: 58529 - Application #: 1061/17/CAL

Report Prepared by: Colleen Bain, extension 5657, email colleen.bain@trca.on.ca

For information contact: Colleen Bain, extension 5657, email colleen.bain@trca.on.ca

Date: August 7, 2017

7441 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 construct a new 822.47 square metre (8853 square foot) replacement single dwelling, including a new septic system and other site works, associated with a municipal building permit, and a municipal site plan application (Town File no. SPA 17-0066). The subject property is located at 7441 Old Church Road in the Town of Caledon.

CFN: 59534 - Application #: 0310/18/CAL

Report Prepared by: Colleen Bain, extension 5657, email colleen.bain@trca.on.ca

For information contact: Colleen Bain, extension 5657, email colleen.bain@trca.on.ca

Date: August 8, 2018

202 BELL AIR DRIVE - Humber River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Humber River Watershed in order to facilitate construction of a 18 ft x 24 ft (5.49 m x 7.32 m) in-ground pool, a 15 ft x 20 ft (4.57 m x 6.1 m) cabana, and a 10 ft x 10 ft (3.05 m x 3.05 m) shed associated with a municipal building permit. The subject property is located at 202 Bell Air Drive, in the Town of Caledon.

CFN: 57626 - Application #: 0381/17/CAL

Report Prepared by: Colleen Bain, extension 5657, email colleen.bain@trca.on.ca

For information contact: Colleen Bain, extension 5657, email colleen.bain@trca.on.ca

Date: August 10, 2018

TOWN OF RICHMOND HILL

2509392 ONTARIO LIMITED - Humber River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Humber River Watershed in order to permit the construction of a 464.3 sq.m (4,998 sq.ft) dwelling located at 69 Snively Street, Richmond Hill. The works are associated with a municipal Zoning Bylaw Amendment (D02-15020), Consent application (B038/16), Site Plan application (D06-17044) and municipal building permit.

CFN: 59697 - Application #: 0404/18/RH

Report Prepared by: Nicholas Cascone, extension 5927, email ncascone@trca.on.ca

For information contact: Nicholas Cascone, extension 5927, email ncascone@trca.on.ca

Date: August 17, 2018

2509392 ONTARIO LIMITED - Humber River Watershed

The purpose is to undertake works within TRCA's Regulated Area of the Humber River Watershed in order to permit the construction of a 393.5 sq.m (4,236 sq.ft) dwelling located at 71 Snively Street, Richmond Hill. The works are associated with a municipal Zoning Bylaw Amendment (D02-15020), Consent application (B038/16), Site Plan application (D06-17043) and building permit.

CFN: 59698 - Application #: 0405/18/RH

Report Prepared by: Nicholas Cascone, extension 5927, email ncascone@trca.on.ca

For information contact: Nicholas Cascone, extension 5927, email ncascone@trca.on.ca

Date: August 17, 2018

TORONTO MONTESSORI SCHOOLS - Don River Watershed

The purpose is to construct an addition to an existing school and conduct associated minor grading works including the construction of an emergency fire route within a Regulated Area of the Don River watershed at 8569 Bayview Avenue in the Town of Richmond Hill.

CFN: 59145 - Application #: 1454/17/RH

Report Prepared by: Anthony Sun, extension 5724, email asun@trca.on.ca

For information contact: Anthony Sun, extension 5724, email asun@trca.on.ca

Date: July 11, 2018

TOWNSHIP OF KING

SENECA COLLEGE OF APPLIED ARTS AND TECHNOLOGY - Humber River Watershed

The purpose is to facilitate, within TRCA's Regulated Area of the Humber River watershed, the development of a geothermal borehole system under an existing paved parking area on lands known municipally as 13990 Dufferin Street, in the Township of King.

CFN: 60104 - Application #: 0689/18/KING

Report Prepared by: Anthony Syhlonyk, extension 5272, email asyhlonyk@trca.on.ca

For information contact: Colleen Bonner, extension 5307, email cbonner@trca.on.ca

Date: August 1, 2018

115 LYNWOOD CRESCENT - 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 one-storey addition with a basement expansion, new garage and driveway on the property municipally known as 115 Lynwood Crescent in the Township of King.

CFN: 59912 - Application #: 0516/18/KING

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

For information contact: Jackie Burkart, extension 5304, email jburkart@trca.on.ca

Date: July 30, 2018

PERMISSION FOR ROUTINE INFRASTRUCTURE WORKS

Permission for Routine Infrastructure Works Letter of Approval including Emergency Infrastructure Works permissions are subject to authorization by staff designated as Enforcement Officers as per Auth. 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 BRAMPTON

REGIONAL MUNICIPALITY OF PEEL

To undertake structure maintenance on the road right-of-way on Mayfield Road just west of Goreway Drive, in the City of Brampton, Humber River Watershed as located on the property owned by the Regional Municipality of Peel. The purpose is to excavate a pit to daylight a watermain on Mayfield Road just west of Goreway Drive in the City of Brampton. The Redside Dace fisheries timing window will be applied to this project unless otherwise specified in writing by the Ministry of Natural Resources and Forestry (MNRF).

CFN: 60031 - Application #: 0745/18/BRAM

Report Prepared by: Caroline Mugo, extension 5689, email cmugo@trca.on.ca

For information contact: Caroline Mugo, extension 5689, email cmugo@trca.on.ca

Date: August 20, 2018

ROGERS COMMUNICATIONS CANADA INC.

To undertake sewer, watermain or utility watercourse crossing by trenchless technology on The Gore Road, approximately 600 m south of Mayfield Road to Castlemore Road in the City of Brampton, Humber River Watershed as located on the property owned by the Regional Municipality of Peel. The purpose is to install new conduit on The Gore Road approximately 600 m south of Mayfield Road to Castlemore Road, in the City of Brampton. The Redside Dace construction timing window of July 1st to September 15th will apply to this project unless otherwise specified in writing by the Ministry of Natural Resources and Forestry (MNRF).

CFN: 58698 - Application #: 1301/17/BRAM

Report Prepared by: Zack Carlan, extension 5310, email zack.carlan@trca.on.ca

For information contact: Zack Carlan, extension 5310, email zack.carlan@trca.on.ca

Date: August 13, 2018

ROGERS COMMUNICATIONS CANADA INC.

To undertake sewer and watermain or utility watercourse crossing by trenchless technology on Bramalea Road from Dewside Drive to Cedarbrook Road, in the City of Brampton, Humber River Watershed as located on the property owned by City of Brampton. The purpose is to

install a new 100 mm diameter conduit on Bramalea Road from Dewside Drive to Cedarbrook Road, in the City of Brampton. No in-water work is associated with this project.

CFN: 59814 - Application #: 0653/18/BRAM

Report Prepared by: Zack Carlan, extension 5310, email zack.carlan@trca.on.ca

For information contact: Zack Carlan, extension 5310, email zack.carlan@trca.on.ca

Date: August 20, 2018

ROGERS COMMUNICATIONS CANADA INC.

To undertake sewer and watermain or utility watercourse crossing by trenchless technology on Bramalea Road within the regulated area just north of Father Tobin Road and within the regulated area approximately 500 m south of Mayfield Road, in the City of Brampton, Humber River Watershed as located on the property owned by City of Brampton. The purpose is to install a new 100 mm diameter conduit on Bramalea Road within the regulated area just north of Father Tobin Road and within the regulated area approximately 500 m south of Mayfield Road, in the City of Brampton. No in-water work is associated with this project..

CFN: 59815 - Application #: 0652/18/BRAM

Report Prepared by: Zack Carlan, extension 5310, email zack.carlan@trca.on.ca

For information contact: Zack Carlan, extension 5310, email zack.carlan@trca.on.ca

Date: August 20, 2018

CITY OF MARKHAM

CITY OF MARKHAM

To undertake road/pathway resurfacing or reconstruction on the north side John Street from Henderson Avenue to 200 John Street, in the City of Markham, Don River Watershed as located on the property owned by City of Markham. The purpose is to construct a sidewalk on the north side of John Street, from Henderson Avenue to 200 John Street, in the City of Markham. No in-water work is associated with this project.

CFN: 59298 - Application #: 0346/18/MARK

Report Prepared by: Tony To, extension 5798, email tto@trca.on.ca

For information contact: Tony To, extension 5798, email tto@trca.on.ca

Date: August 21, 2018

CITY OF PICKERING

ENBRIDGE GAS DISTRIBUTION INC.

To undertake sewer and watermain or utility installation or maintenance within a new subdivision south of Taunton Road and Sideline 22, in the City of Pickering, Duffins Creek Watershed as located on the property owned by the City of Pickering as per the Franchise agreement with Enbridge Gas Distribution Inc. The purpose is to install a NPS 6 PE, NPS 4 PE and NPS 2 PE within a new subdivision located south of Taunton Road and Sideline 22 (southern section of Seaton Development block) in the City of Pickering, which was previously approved by TRCA under Permit. No C-171190. No in-water works are associated with this project.

CFN: 59605 - Application #: 0347/18/PICK

Report Prepared by: Zack Carlan, extension 5310, email zack.carlan@trca.on.ca

For information contact: Zack Carlan, extension 5310, email zack.carlan@trca.on.ca

Date: August 7, 2018

ENBRIDGE GAS DISTRIBUTION INC.

To undertake sewer, watermain or utility installation or maintenance within an existing roadway within a new subdivision south of Taunton Road and Sideline 22, in the City of Pickering, Duffins Creek Watershed as located on property owned by the City of Pickering as per the Franchise Agreement with Enbridge Gas Distribution Inc. The purpose is to install NPS 1 1/4 PE, NPS 2 PE and NPS 4 PE gas pipes within a new subdivision located south of Taunton Road and Sideline 22 (northeast section of the Seaton Development block) in the City of Pickering, which was previously approved by TRCA under Permit. No C-170658. No in-water works are associated with this project.

CFN: 59607 - Application #: 0367/18/PICK

Report Prepared by: Zack Carlan, extension 5310, email zack.carlan@trca.on.ca

For information contact: Zack Carlan, extension 5310, email zack.carlan@trca.on.ca

Date: August 7, 2018

CITY OF TORONTO (ETOBICOKE YORK COMMUNITY COUNCIL AREA)

TORONTO HYDRO ELECTRIC SYSTEM LIMITED

To undertake structure maintenance, undertake sewer, watermain or utility installation or maintenance within an existing roadway at the Berry Road station, located on Berry Road, east of Parklawn Road and north of The Queensway, in the City of Toronto (Etobicoke York Community Council Area), Humber River Watershed as located on property owned by Toronto Hydro Electric System Limited and the City of Toronto with permission obtained. The purpose is to install new padmounted switchgear and conduit. No in-water work is within the scope of this project.

CFN: 59638 - Application #: 0427/18/TOR

Report Prepared by: Heather Wright, extension 5766, email hwright@trca.on.ca

For information contact: Heather Wright, extension 5766, email hwright@trca.on.ca

Date: August 23, 2018

CITY OF TORONTO (NORTH YORK COMMUNITY COUNCIL AREA)

BELL CANADA

To undertake sewer and watermain or utility installation or maintenance within an existing roadway on Sulkara Court, near Victoria Park Avenue and Lawrence Avenue East, in the City of Toronto (North York Community Council Area), Don River Watershed as located on property owned by the City of Toronto. The purpose is to install of conduit. No in-water work is within the scope of the project.

CFN: 57153 - Application #: 0031/17/TOR

Report Prepared by: Brandon Eidner, extension 5508, email brandon.eidner@trca.on.ca

For information contact: Brandon Eidner, extension 5508, email brandon.eidner@trca.on.ca

Date: August 20, 2018

BELL CANADA

To undertake sewer and watermain or utility installation or maintenance within an existing roadway on Barnwood Court, and Laurentide Drive south of Tetbury Crescent, located south of York Mills Road, in the City of Toronto (North York Community Council Area), Don River Watershed as located on property owned by the City of Toronto. The purpose is to install new conduit and service vault. No in-water work is within the scope of the project.

CFN: 59822 - Application #: 0549/18/TOR

Report Prepared by: Brandon Eidner, extension 5508, email brandon.eidner@trca.on.ca

For information contact: Brandon Eidner, extension 5508, email brandon.eidner@trca.on.ca

Date: August 7, 2018

CITY OF TORONTO

To undertake sewer, watermain or utility installation or maintenance within an existing roadway on Jane Street, located near William Cragg Drive and between Giltspur Drive and Troutbrooke Drive, located near Sheppard Avenue West, in the City of Toronto (North York Community Council Area), Humber River Watershed as located on property owned by the City of Toronto. The purpose is to rehabilitate an existing watermain. No in-water work is within the scope of this project.

CFN: 59830 - Application #: 0496/18/TOR

Report Prepared by: Heather Wright, extension 5766, email hwright@trca.on.ca

For information contact: Heather Wright, extension 5766, email hwright@trca.on.ca

Date: August 9, 2018

COGECO PEER 1 INC.

To undertake sewer and watermain or utility installation or maintenance within an existing roadway on 4200 Yonge Street and Yonge Street, from north of William Carson Crescent to south of Highway 401, in the City of Toronto (North York Community Council Area), Don River Watershed as located on property owned by the City of Toronto and private property with permission obtained. The purpose is to install new conduit. No in-water work is within the scope of the project.

CFN: 59840 - Application #: 0528/18/TOR

Report Prepared by: Brandon Eidner, extension 5508, email brandon.eidner@trca.on.ca

For information contact: Brandon Eidner, extension 5508, email brandon.eidner@trca.on.ca

Date: August 7, 2018

ENBRIDGE GAS DISTRIBUTION INC.

To undertake sewer and watermain or utility installation or maintenance within an existing roadway on Old Yonge Street and York Mills Road, east of Yonge Street, in the City of Toronto (North York Community Council Area), Don River Watershed as located on property owned by the City of Toronto as per the Franchise Agreement with Enbridge Gas Distribution Inc.. The purpose is to install a NPS 6 gas pipeline on the west side of Old Yonge Street and install a NPS8 and NPS 12 gas pipeline on the south side of York Mills Road, in the City of Toronto, North York as part of York Mills & Old Yonge Relocation project. No in-water work is within the scope of this project.

CFN: 59842 - Application #: 0526/18/TOR

Report Prepared by: Antonietta Gentile, extension 5796, email agentile@trca.on.ca

For information contact: Zack Carlan, extension 5310, email zack.carlan@trca.on.ca

Date: August 21, 2018

CITY OF TORONTO (SCARBOROUGH COMMUNITY COUNCIL AREA)**CITY OF TORONTO**

To undertake sewer, watermain or utility installation or maintenance within an existing roadway on Brimley Road, from north of Heather Road to south of Huntingwood Drive, near Sheppard 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 rehabilitate an existing 300 mm diameter cast iron watermain. No in-water work is within the scope of this project.

CFN: 59861 - Application #: 0604/18/TOR

Report Prepared by: Heather Wright, extension 5766, email hwright@trca.on.ca

For information contact: Heather Wright, extension 5766, email hwright@trca.on.ca

Date: August 27, 2018

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

To undertake structure maintenance in Woodbine Park, located at 1675 Lake Shore Boulevard East, near Woodbine Avenue and Queen Street East, in the City of Toronto (Toronto and East York Community Council Area), Waterfront Watershed as located on property owned by the City of Toronto. The purpose is to undertake park improvements including the replacement of an existing playground and new pathways. No in-water work is within the scope of this project.

CFN: 59832 - Application #: 0497/18/TOR

Report Prepared by: Heather Wright, extension 5766, email hwright@trca.on.ca

For information contact: Heather Wright, extension 5766, email hwright@trca.on.ca

Date: August 27, 2018

ENBRIDGE GAS DISTRIBUTION INC.

To undertake sewer, watermain or utility installation or maintenance within an existing roadway north of 459 Eastern Avenue, on Eastern Avenue, west of Logan Avenue, in the City of Toronto (Toronto and East York Community Council Area), Waterfront Watershed as located on the

property owned by the City of Toronto as per the Franchise Agreement with Enbridge Gas Distribution Inc. The purpose is to install NPS 6 PE IP gas pipeline north of 459 Eastern Avenue, on Eastern Avenue, west of Logan Avenue, in the City of Toronto (Toronto and East York Community Council Area). No in-water works are associated with this project..

CFN: 59849 - Application #: 0565/18/TOR

Report Prepared by: Zack Carlan, extension 5310, email zack.carlan@trca.on.ca

For information contact: Zack Carlan, extension 5310, email zack.carlan@trca.on.ca

Date: August 7, 2018

CITY OF VAUGHAN

ALECTRA UTILITIES CORPORATION

To undertake sewer and watermain or utility installation or maintenance along the road right-of-way (ROW) of Conley Street from McCabe Crescent to east of McClintock Crescent and from McClintock Crescent to south of Conley Street, in the City of Vaughan, Don River Watershed as located on the property owned by City of Vaughan. The purpose is to replace the existing Alectra Utilities cable along the road right-of-way (ROW) of Conley Street from McCabe Crescent to east of McClintock Crescent and from McClintock Crescent to south of Conley Street, in the City of Vaughan. The warm water construction window applies to this project..

CFN: 59274 - Application #: 0100/18/VAUG

Report Prepared by: Manirul Islam, extension 5715, email mislam@trca.on.ca

For information contact: Manirul Islam, extension 5715, email mislam@trca.on.ca

Date: August 10, 2018

REGIONAL MUNICIPALITY OF YORK

To undertake drainage structure general maintenance on , (Rutherford Road from 870m east of Islington Avenue to 970m east of Islington Avenue), in the City of Vaughan, Humber River Watershed as located on the property owned by Regional Municipality of York and TRCA with access granted through a permission to enter agreement. The purpose is to undertake minor improvements along the south boulevard of Rutherford Road from 870m east of Islington Avenue to 970m east of Islington Avenue, including constructing a grass boulevard, paved shoulder, guiderail, curb and gutter, catch basins, stormwater outfall and a rip-rap culvert outlet.

CFN: 60141 - Application #: 0719/18/VAUG

Report Prepared by: Scott Smith, extension 5758, email ssmith@trca.on.ca

For information contact: Scott Smith, extension 5758, email ssmith@trca.on.ca

Date: August 21, 2018

TOWN OF CALEDON

ENBRIDGE GAS DISTRIBUTION INC.

To undertake sewer and watermain or utility installation or maintenance within an existing roadway on the east side of Airport Road, south of Cranston Drive, in the Town of Caledon, Humber River Watershed as located on property owned by the Town of Caledon as per the Franchise Agreement with Enbridge Gas Distribution Inc. The purpose is to install a NPS 6 PE

IP gas main on the east side of Airport Road, south of Cranston Drive, in the Town of Caledon. No in-water work is within the scope of this project.

CFN: 59284 - Application #: 0207/18/CAL

Report Prepared by: Brandon Eidner, extension 5508, email brandon.eidner@trca.on.ca

For information contact: Brandon Eidner, extension 5508, email

brandon.eidner@trca.on.ca

Date: August 28, 2018

REGIONAL MUNICIPALITY OF PEEL

To undertake sewer, watermain or utility installation or maintenance within the road right-of-way on King Street just west of Heart Lake Road, in the Town of Caledon, Humber River Watershed as located on the property owned by the Regional Municipality of Peel. The purpose is to install a 300 mm diameter watermain on King Street from Heart Lake Road, west for approximately 600 m in the Town of Caledon. No in-water works are proposed as part of this project.

CFN: 60174 - Application #: 0749/18/CAL

Report Prepared by: Caroline Mugo, extension 5689, email cmugo@trca.on.ca

For information contact: Caroline Mugo, extension 5689, email cmugo@trca.on.ca

Date: August 28, 2018

TOWN OF CALEDON

To undertake structure maintenance on a bridge on the Caledon Trailway located near the Centreville Creek Road and Old Church Road intersection, in the Town of Caledon, Humber River Watershed as located on the property owned by Town of Caledon. The purpose is to rehabilitate a bridge on the Caledon Trailway located near the Centreville Creek Road and Old Church Road intersection in the Town of Caledon. No in-water works are proposed as part of this project.

CFN: 59813 - Application #: 0650/18/CAL

Report Prepared by: Caroline Mugo, extension 5689, email cmugo@trca.on.ca

For information contact: Caroline Mugo, extension 5689, email cmugo@trca.on.ca

Date: August 9, 2018

MINOR WORKS LETTER OF APPROVAL

Permission for Minor Works Letter of Approval are implemented by Planning and Development Division staff and are received monthly by the Executive Committee. The permission of minor works is subject to authorization by the Director, Planning and Development and signed by an appointed enforcement officer. All minor works are located within a Regulated Area, outside of the flood plain 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

9 NEW FOREST TERRACE

To construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) at 9 New Forest Terrace, in the City of Brampton, Humber River Watershed.

CFN: 60146 - Application #: 0727/18/BRAM

Report Prepared by: Colleen Bain, extension 5657, email colleen.bain@trca.on.ca

For information contact: Colleen Bain, extension 5657, email colleen.bain@trca.on.ca

Date: August 23, 2018

60 VIEWMOUNT CRESCENT

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 at 60 Viewmount Crescent, in the City of Brampton, Etobicoke Creek Watershed.

CFN: 60139 - Application #: 0723/18/BRAM

Report Prepared by: Colleen Bain, extension 5657, email colleen.bain@trca.on.ca

For information contact: Colleen Bain, extension 5657, email colleen.bain@trca.on.ca

Date: August 17, 2018

CITY OF PICKERING

1781 STORRINGTON STREET

To install a swimming pool on Lot 129, Plan 1037, (1781 Storrington Street), in the City of Pickering, Frenchman's Bay Watershed.

CFN: 60172 - Application #: 0753/18/PICK

Report Prepared by: Stephanie Worrone, extension 5907, email

stephanie.worrone@trca.on.ca

For information contact: Steve Heuchert, extension 5311, email sheuchert@trca.on.ca

Date: August 28, 2018

CITY OF TORONTO (ETOBICOKE YORK COMMUNITY COUNCIL AREA)

32 PUCKERIDGE 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 24, Plan 5057, (32 Puckeridge Crescent), in the City of Toronto (Etobicoke York Community Council Area), Mimico Creek Watershed.

CFN: 60123 - Application #: 0708/18/TOR

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

For information contact: Mark Rapus, extension 5259, email mrapus@trca.on.ca

Date: August 13, 2018

TORONTO COMMUNITY HOUSING CORPORATION

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 21, Concession C, (1025 Scarlett Road), in the City of Toronto (Etobicoke York Community Council Area), Humber River Watershed as located on the property owned by Toronto Community Housing Corporation.

CFN: 60167 - Application #: 0744/18/TOR

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

For information contact: Steve Heuchert, extension 5311, email sheuchert@trca.on.ca

Date: August 15, 2018

CITY OF TORONTO (NORTH YORK COMMUNITY COUNCIL AREA)

27 BUXTON ROAD

To construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) on Lot 43, Plan M-799, (27 Buxton Road), in the City of Toronto (North York Community Council Area), Humber River Watershed.

CFN: 60155 - Application #: 0715/18/TOR

Report Prepared by: Anna Lim, extension 5284, email alim@trca.on.ca

For information contact: Steve Heuchert, extension 5311, email sheuchert@trca.on.ca

Date: August 15, 2018

CITY OF TORONTO (SCARBOROUGH COMMUNITY COUNCIL AREA)

113 CLIFFCREST DRIVE

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 243, Plan 1566, (113 Cliffcrest Drive), in the City of Toronto (Scarborough Community Council Area), Waterfront Watershed.

CFN: 60151 - Application #: 0697/18/TOR

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

For information contact: Mark Rapus, extension 5259, email mrapus@trca.on.ca

Date: August 3, 2018

63 EAST WILLOW GATE

To construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) and construct a ground floor addition or structure greater than 50 sq. m (538 sq. ft) but less than 150 sq. m (1614 sq. ft) on Lot 99, Plan M-37, (63 EAST WILLOW GATE), in the City of Toronto (Scarborough Community Council Area), Waterfront Watershed.

CFN: 60192 - Application #: 0747/18/TOR

Report Prepared by: Anna Lim, extension 5284, email alim@trca.on.ca

For information contact: Steve Heuchert, extension 5311, email sheuchert@trca.on.ca

Date: August 22, 2018

CITY OF VAUGHAN

28 JASON STREET

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 7, Plan 65M-2317, (28 Jason Street), in the City of Vaughan, Don River Watershed.

CFN: 60154 - Application #: 0705/18/VAUG

Report Prepared by: Anthony Syhlonyk, extension 5272, email asyhlonyk@trca.on.ca

For information contact: Colleen Bonner, extension 5307, email cbonner@trca.on.ca

Date: August 3, 2018

83 TWIN HILLS 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 13, Plan 65M-4209, (83 Twin Hills Crescent), in the City of Vaughan, Humber River Watershed.

CFN: 60165 - Application #: 0742/18/VAUG

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

For information contact: Jackie Burkart, extension 5304, email jburkart@trca.on.ca

Date: August 23, 2018

TOWN OF CALEDON

11 VALLEYGREEN CRESCENT

To undertake a municipal or utility project at 11 Valleygreen Crescent, in the Town of Caledon, Humber River Watershed.

CFN: 60182 - Application #: 0759/18/CAL

Report Prepared by: Colleen Bain, extension 5657, email colleen.bain@trca.on.ca

For information contact: Colleen Bain, extension 5657, email colleen.bain@trca.on.ca

Date: August 22, 2018

8 PRINCE ANDREW DRIVE

To construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) on Lot 7, Plan M-1000, 8 Prince Andrew Drive, in the Town of Caledon, Humber River Watershed.

CFN: 60134 - Application #: 0700/18/CAL

Report Prepared by: Anant Patel, extension 5618, email apatel@trca.on.ca

For information contact: Anant Patel, extension 5618, email apatel@trca.on.ca

Date: August 2, 2018

TOWN OF WHITCHURCH-STOUFFVILLE

212 GREENWOOD 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 104, Plan 65M-4459, (212 Greenwood Road), in the Town of Whitchurch-Stouffville, Duffins Creek Watershed.

CFN: 60195 - Application #: 0751/18/WS

Report Prepared by: Anthony Syhlonyk, extension 5272, email asyhlonyk@trca.on.ca

For information contact: Jackie Burkart, extension 5304, email jburkart@trca.on.ca

Date: August 22, 2018

TOWNSHIP OF KING

12980 8TH CONCESSION ROAD

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 5, Concession 8, (12980 8th Concession Road), in the Township of King, Humber River Watershed.

CFN: 60161 - Application #: 0725/18/KING

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

For information contact: Colleen Bonner, extension 5307, email cbonner@trca.on.ca

Date: August 27, 2018

45 LAVENDER VALLEY ROAD

To construct a non-habitable accessory structure up to 50 sq. m (538 sq. ft) on Lot 32, 33, Plan 65M-4296, (45 Lavender Valley Road), in the Township of King, Humber River Watershed.

CFN: 60150 - Application #: 0696/18/KING

Report Prepared by: Anthony Syhlonyk, extension 5272, email asyhlonyk@trca.on.ca

For information contact: Colleen Bonner, extension 5307, email cbonner@trca.on.ca

Date: August 2, 2018

PERMIT APPLICATION 11.17 IS A MAJOR APPLICATION - REGULAR

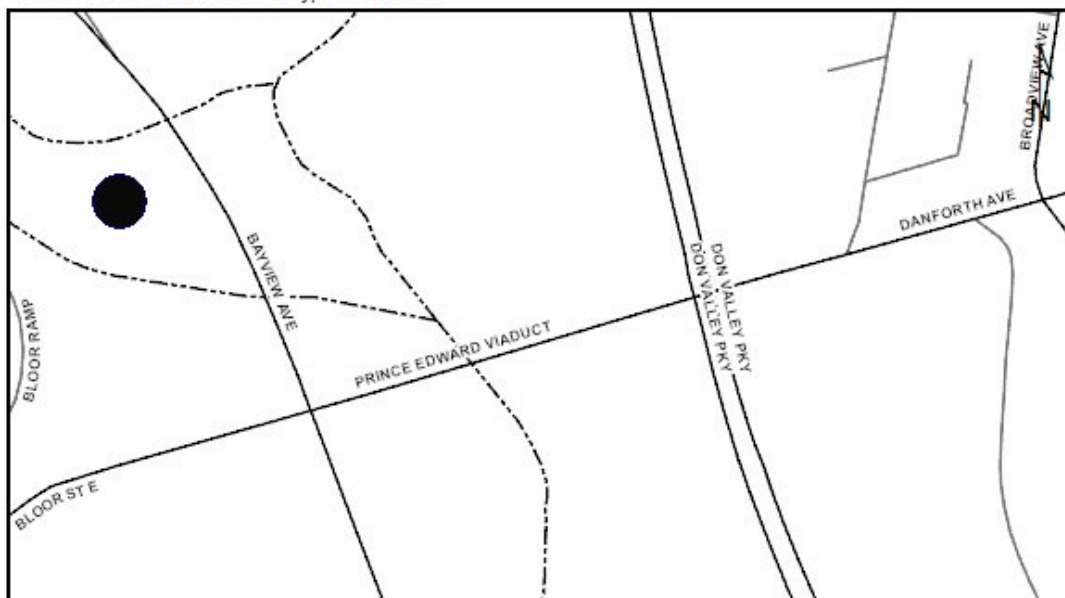
Applications that involved a more complex suite of technical studies to demonstrate consistency with policies; applications that cover a significant geographic area (e.g. subdivisions, stormwater management ponds), extensive modifications to the landscape, major infrastructure projects, emergency infrastructure works, resolution of violations/after the fact permits, trail construction.

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

11.17 CITY OF TORONTO

To construct, reconstruct, erect or place a building or structure, site grade and temporarily or permanently place, dump or remove any material, originating on the site or elsewhere on, (northwest quadrant of Bayview Avenue below the Prince Edward Viaduct, near Castle Frank Road and Bloor Street East), in the City of Toronto (Toronto and East York Community Council Area), Don River Watershed as located on the property owned by City of Toronto. The purpose is to implement the first stage of the Don River and Central Waterfront project which involves the construction of a twenty one (21) m diameter stormwater shaft near the Bloor Street and Bayview Avenue ramp, in the City of Toronto. This shaft is one of five shafts proposed as part of a comprehensive program to greatly reduce combined sewer overflows (CSOs) flowing into the Don River. This shaft will be located south of Yellow Creek, near Bayview Avenue on an area used as a sports field by the Toronto District School Board, located just north of the Prince Edward Viaduct. The shaft will be constructed from the ground surface to connect to the 10.4 km long and 6.3m diameter tunnel located approximately fifty (50) meters below ground surface. The warm water construction timing window of July 1 to March 31 will apply to this proposal.

MAP LOCATION: Coxwell Bypass Shaft BB-1



The permit will be issued for the period of September 7, 2018 to September 6, 2020 in accordance with the following documents and plans which form part of this permit:

Item 11.17

- Sheet C20 – Drawing No. 1078-2014-02-25; Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel, Plan & Profile Sta. 6 + 400 to Sta. 6 + 750; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet C21 – Drawing No. 1078-2014-02-26; Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel, Plan & Profile Sta. 6 + 750 to Sta. 7 + 050; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet C57 – Drawing No. 1078-2014-02-62; Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel, BB1 Construction Compound – Removal Plan; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated October 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet C58 – Drawing No. 1078-2014-02-63; Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel, BB1 Construction Compound – Site Plan; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet C59 – Drawing No. 1078-2014-02-64; Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel, BB1 Construction Compound – Erosion and Sediment Control Plan; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet C60 – Drawing No. 1078-2014-02-65; Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel, BB1 Construction Compound – Site Restoration; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet C61 – Drawing No. 1078-2014-02-66; Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel, BB1 Construction Compound – Traffic Control Plan; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet C62 – Drawing No. 1078-2014-02-67; Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel, BB-1 Permanent Site Plan; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet C63 – Drawing No. 1078-2014-02-68; Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel, BB-1 Construction Compound – Ventilation Shaft Plan and Profile; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet C64 – Drawing No. 1078-2014-02-69; Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel, BB-1 Construction Compound – Grading Sections (1 of 2); Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;

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- Sheet C65 – Drawing No. 1078-2014-02-70; Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel, BB-1 Construction Compound – Grading Sections (2 of 2); Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet C81 – Drawing No. 1078-2014-02-86; Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel, Construction Compound Site Plan Details; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet C82 – Drawing No. 1078-2014-02-87; Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel, Construction Compound Siltation and Erosion Control Details 1; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet C84 – Drawing No. 1078-2014-02-89; Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel, Construction Compound – General Site Fencing; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet S13 – Drawing No. 1078-2014-02-121, Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel; BB -1- General Arrangement – Platforms, Ladders & Piping; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet S14 – Drawing No. 1078-2014-02-122, Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel; BB -1- Shaft Plans; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet S15 – Drawing No. 1078-2014-02-123, Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel; BB -1- Shaft Sections; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet S16 – Drawing No. 1078-2014-02-124, Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel; BB -1 - Shaft Reinforcement Details; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet S17 – Drawing No. 1078-2014-02-125, Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel; BB -1- Shaft Details; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet S18 – Drawing No. 1078-2014-02-126, Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel; BB -1- Ventilation Chamber Reinforcement Details; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet S31 – Drawing No. 1078-2014-02-139, Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel; General – Typical Structural Details 1; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto;

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Dated May 2016; Issued for Construction on March 2018, received by TRCA on August 22, 2018;

- Sheet S32 – Drawing No. 1078-2014-02-140, Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel; General – Typical Structural Details 2; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated August 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet S33 – Drawing No. 1078-2014-02-141, Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel; General – Shaft Temporary Works; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated May 2016; Issued for Addendum 3 on November 2017, received by TRCA on August 22, 2018;
- Sheet S39 – Drawing No. 1078-2014-02-159, Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel; General – Typical Structural Details 3; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated December 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet A1 – Drawing No. 1078-2014-02-150, Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel; BB - 1 – Vent Shaft Enclosure Plans; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet A2 – Drawing No. 1078-2014-02-151, Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel; BB -1 – Vent Shaft Enclosure Sections; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Sheet A7 – Drawing No. 1078-2014-02-156, Don & Waterfront Wet Weather Flow System, Coxwell Bypass Tunnel; Vent Shaft Enclosure Details; Prepared by R.V. Anderson Associates Limited and Black & Veatch on behalf of City of Toronto; Dated September 2017; Issued for Construction on March 2018, received by TRCA on August 22, 2018;
- Letter of Undertaking, dated September 5, 2018 prepared by Samantha Fraser (City of Toronto), to provide additional information including flood contingency plans, environment management and site specific information and to address all outstanding concerns and issues to TRCA's satisfaction, received by TRCA on September 5, 2018.

Application-Specific Permit Conditions

RATIONALE

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

Proposal:

The City of Toronto is embarking on a comprehensive program to construct a new wet weather flow system to greatly reduce combined sewer overflows (CSOs) currently flowing into the Don River which will eventually help improve the water quality of the Don River and Inner Harbor. The intent of the program is to provide an optimized solution that ultimately delist the Don River and Inner Harbor as an Area of Concern under the Canada-United States Great Lakes Water

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Quality Agreement as well as improve the dry weather flow (DWF) sewer system's efficiency and security.

The City completed an Environmental Assessment (EA) in 2012 to identify solutions for improvements that were built upon the results of the [City's 2003 Wet Weather Flow Master Plan \(WWFMP\)](#). TRCA was involved in the EA review and provided technical comments on the preferred solutions which included the Lower Don Tunnel/Coxwell Tunnel; Taylor Massey Creek Tunnel, Inner Harbor Tunnel, several underground storage tanks; upgrades to North Toronto Treatment Plant, a new treatment facility south of the existing Ashbridges Bay Treatment Plant and a new pumping station at Ashbridges Grove Park. Due to funding allocations, the City is proposing to implement the preferred solution in five stages, and over a 25-year time frame; and this proposal is part of the first phase of project implementation. The first phase of project implementation include approximately 10.4 kilometer long tunnel which will be approximately 6.3m diameter wide within the bedrock; starting from Shaft IHES 2 (b) south of the Lakeshore Boulevard East, to the Coxwell Shaft CX 1 (a) located at the Coxwell Ravine Park. A tail tunnel connection will be built from Shaft IHES 2 (b) to the new pumping station (IPS) at the Ashbridges Bay Treatment Plant and another connection from CX 1(a) to the existing Coxwell Sanitary Trunk Sewer shaft at the Coxwell Ravine Park.

BB-1 shaft is approximately 21.4m wide shaft constructed from the existing ground surface to approximately 51m below existing grades using a Tunnel Boring Machine (TBM) and connecting to the wet weather flow tunnel approximately 6.3m wide. Currently, while the site is owned by the City of Toronto, it is used as a sports field by the Toronto District School Board and is characterized by a baseball diamond, sports tracks and fence. The City has made alternative lease arrangements with the School Board to allow for the use of the site for construction staging. The entire staging area will be secured by a site hoarding fence and double swing gates at the access point. During construction, the shaft site will be overlaid by geotextile and 450mm granular top surface and limestone, and will contain a dewatering discharge equipment, crane pad for crane trailers and parking areas. The shaft will be constructed using secant pile walls from the surface through to the overburden bedrock. The tunnel will be connected by a 21m long 2.1m diameter ventilation pipe, ventilation connection box and (1.8m by 4m wide) air ventilation chamber. The air ventilation chamber will be approximately 1m above the ground level and above the regional flood elevations, with a protective access hatch. The surface of the BB 1 shaft will be buried approximately 0.5m below the restored grade of the sports field with the only surface feature visible being the air ventilation chamber. The baseball field will be regraded to existing conditions and removal of all construction staging details including access road, sediment control and dewatering system, and construction equipment. The site will be reseeded with a 300mm clean topsoil and sports track to be restored in same location and with similar surface and sub base materials. Construction is proposed to commence in 2018 for sixty (60) months (till 2022).

This project is related to TRCA Permit No. C180724/CITY OF TORONTO (CFN 54144) that was approved by the TRCA Executive Board on July 6, 2018 to allow for the construction of Shaft LDS 3 (B) located at the Keating Rail Yard area in Toronto.

Control of Flooding:

Although the project site is located within the Don River flood plain, the proposed works are not anticipated to impact flooding, flood storage or conveyance of flood waters. As a precautionary measure and upon TRCA request, the City construction contractor will implement a flood contingency plan during the construction period to ensure the protection of life and property as well as to allow for flood water conveyance. Once construction is complete, all construction

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equipment and staging materials will be removed from the site, then the construction site grades, and sport field surfaces will be restored to its original condition or better.

Pollution:

Erosion and sediment control measures including, rock check dams, sedimentation traps (2) , sedimentation ditches, silt fences, catch basin protection will be installed prior to construction and maintained for the entire duration of construction. These measures will be implemented to prevent the release of construction generated sediments into Yellow Creek and the Don River. Erosion and sediment control measures have been provided in accordance with the Greater Golden Horseshoe Area Conservation Authorities Erosion and Sediment Control Guidelines for Urban Construction (2006).

Dynamic Beaches:

The proposal will not have any implications to dynamic beaches.

Erosion:

There are no impacts identified to slope stability or erosion as a result of these works.

Conservation of Land:

The warm water construction timing window of July 1 to March 31 will apply to this proposal.

Plantings

The City of Toronto Tree Protection Policy and Specifications for Construction near trees will be adhered to during the construction period. Approximately 21 trees will be removed to prepare the site for construction. Tree removals will occur outside of the breeding bird period (April 1st to August 15th) to reduce impacts to wildlife. These trees will be replaced in line with the City of Toronto Tree removals ratio of 3:1. Since the baseball field will be regraded to existing conditions, the site will be reseeded with a 300mm clean topsoil and sports track to be restored in same location using the similar surface and sub base materials. The replacement trees will be planted as part of a comprehensive habitat improvement plan in an area adjacent to the North Toronto Treatment Plant further upstream of the site.

Policy Guidelines:

This proposal complies with Section 8.9, Infrastructure Policies of the Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

CFN: 54141 - Application #: 0602/15/TOR

Report Prepared by: Renee Afoom-Boateng 5714 rafoom-boateng@trca.on.ca

For information contact: Renee Afoom-Boateng 5714 rafoom-boateng@trca.on.ca

Date: September 5, 2018

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11.18 APPLICATION FOR PERMITS UNDER ONTARIO REGULATION 166/06, AS AMENDED

Development, Interference with Wetlands and Alterations to Shorelines and Watercourses

Information has been received and reviewed by staff for the following scheduled Errata items. The recommendations within the staff reports should be amended to include the following:

ERRATA ITEM (MAJOR)

11.13 NEAMSBY INVESTMENTS INC.

- Letter of undertaking provided by Eric Del Favero, Project Manager, Land Development, Neamsby Investments Inc., dated Aug. 29, 2018, to address all outstanding TRCA issues prior to the issuance of the permit, and received by the TRCA on Aug. 30, 2018.

11.14 WALLSEND DEVELOPMENT INC.

- Letter of undertaking provided by Jordan Archer, Project Manager - Engineering, dated Aug. 29, 2018, to address all outstanding TRCA issues prior to the issuance of the permit, and received by the TRCA on Aug. 31, 2018.

11.15 FANDOR HOMES

- Drawing No. 602, Erosion & Sediment Control Plan Phase 2 - Pregrade, prepared by Cole Engineering, revision No. 3 dated February 16, 2018, received by TRCA June 28, 2018; redline revision dated August 29, 2018;
- Drawing No. 603, Erosion & Sediment Control Plan Site Alteration Notes and Details, prepared by Cole Engineering, revision No. 3 dated February 16, 2018, received by TRCA June 28, 2018;
- Drawing No. 801, Stormwater Management Pond General Layout, prepared by Cole Engineering, revision No. 3 dated June 8, 2018, received by TRCA June 28, 2018;
- Drawing No. 802, Stormwater Management Cross Sections, prepared by Cole Engineering, revision No. 3 dated June 8, 2018, received by TRCA June 28, 2018;
- Drawing No. 803, Stormwater Management Cross Sections & Details, prepared by Cole Engineering, revision No. 3 dated June 8, 2018, received by TRCA June 28, 2018;
- Drawing No. 804, Stormwater Management Details, prepared by Cole Engineering, revision No. 3 dated June 8, 2018, received by TRCA June 28, 2018;
- Drawing No. L4, Stormwater Pond Plan, prepared by Cole Engineering, revision No. 3 dated June 25, 2018, received by TRCA June 28, 2018;
- Drawing No. L5, Details Plan, prepared by Cole Engineering, revision No. 3 dated June 25, 2018, received by TRCA June 28, 2018.