



Toronto and Region  
**Conservation**  
Authority

# Preliminary

## 2026 Preliminary Project Summaries and Forecast York Region

June 2025

# Table of Contents

## **Executive Summary**

## **Long Term Capital Forecast**

## **2026-2029 Operating & Capital Project Forecast**

## **Service Area Summaries**

### **Category One**

Watershed Studies and Strategies  
Water Risk Management  
Regional Biodiversity  
Greenspace Securement and Management  
Tourism and Recreation  
Planning and Development  
Education and Outreach  
Sustainable Communities  
Corporate Services

### **Category Two**

Watershed Studies and Strategies  
Water Risk Management  
Regional Biodiversity  
Greenspace Securement and Management  
Tourism and Recreation  
Planning and Development  
Education and Outreach  
Sustainable Communities  
Corporate Services

## Executive Summary

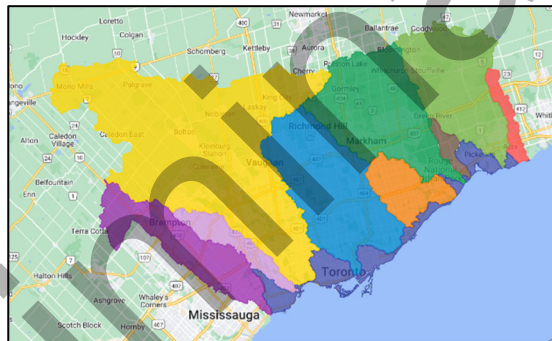
Since 1957, Toronto and Region Conservation Authority (TRCA), as enabled through the provincial *Conservation Authorities Act*, has taken action to enhance our region's natural environment and protect our land, water and communities from the impacts of flooding and increasingly extreme weather events — Ontario's leading cause of public emergencies.

As the region's first line of defence against natural hazards, TRCA maintains vital infrastructure and provides programs and services that promote public health and safety, protecting people and property.

TRCA mobilizes a science-based approach to provide sound policy advice, leveraging its role in the broader public sector to achieve collective impacts within our communities and across all levels of government.

TRCA's jurisdiction includes nine watersheds and their Lake Ontario shorelines:

- Carruthers Creek
- Don River
- Duffins Creek
- Etobicoke Creek
- Highland Creek
- Humber River
- Mimico Creek
- Petticoat Creek
- Rouge River



TRCA's jurisdiction spans the following five (5) upper-tier, one (1) single-tier, and 15 lower-tier municipalities, representing almost five million people (approximately 10% of Canada's population):

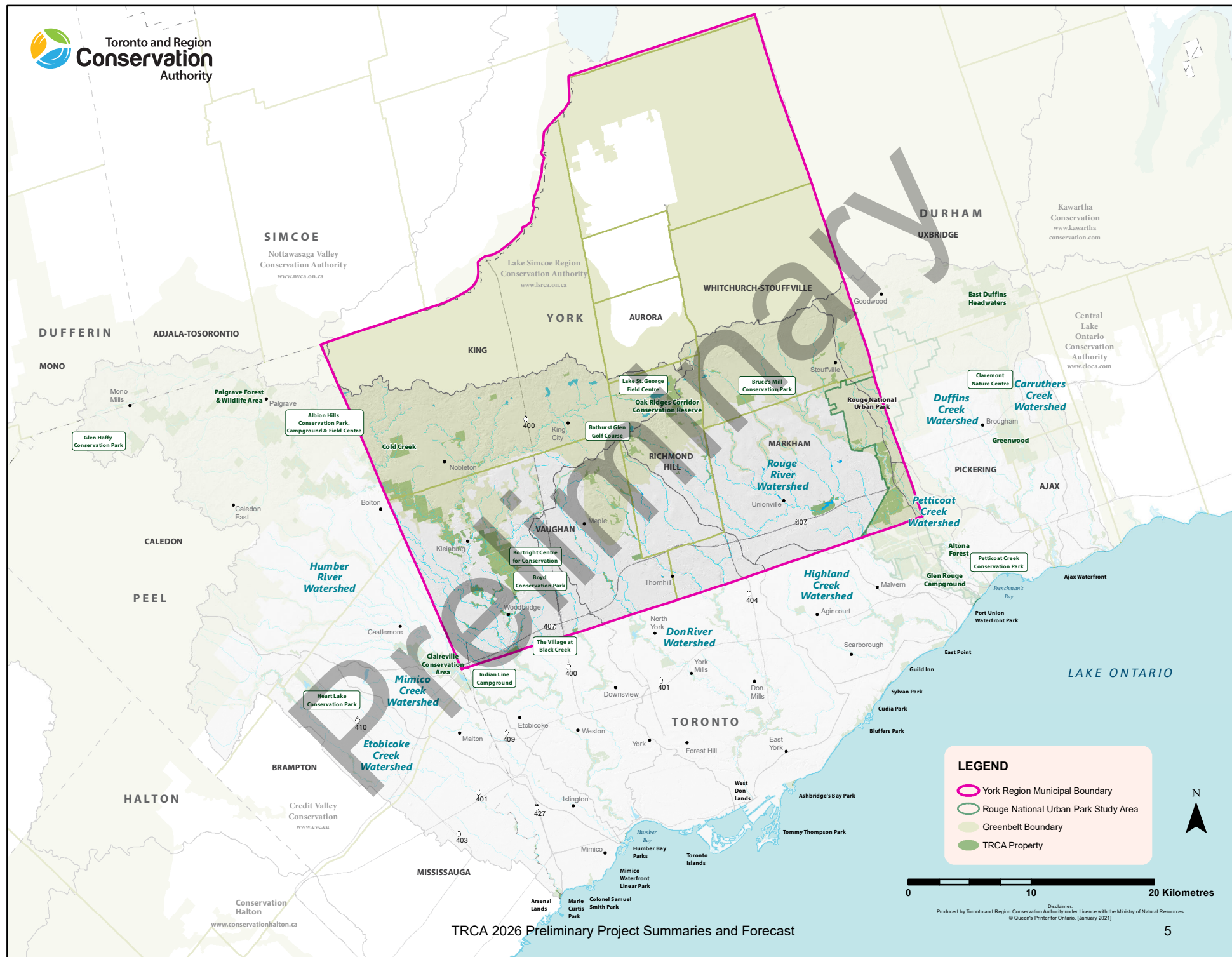
Upper/Single-Tier Municipality	Lower-Tier Municipality	% of Population Within TRCA Jurisdiction
Dufferin County	Mono (Town)	5
Durham Region	Ajax (Town)	86
Durham Region	Pickering (City)	95
Durham Region	Uxbridge (Township)	19
Peel Region	Brampton (City)	63
Peel Region	Caledon (Town)	55

Upper/Single-Tier Municipality	Lower-Tier Municipality	% of Population Within TRCA Jurisdiction
Peel Region	Mississauga (City)	33
Simcoe County	Adjala-Tosorontio (Township)	4
Toronto	Toronto (City)	100
York Region	Aurora (Town)	4
York Region	King (Township)	45
York Region	Markham (City)	100
York Region	Richmond Hill (City)	99
York Region	Vaughan (City)	100
York Region	Stouffville (Town)	43

TRCA's watershed and community-based work is broken into nine (9) service areas that enable responsive programming, high-quality services and inclusive governance. These service areas are:

- 1 Watershed Studies and Strategies
- 2 Water Risk Management
- 3 Regional Biodiversity
- 4 Greenspace Securement and Management
- 5 Tourism and Recreation
- 6 Planning and Development Review
- 7 Education and Outreach
- 8 Sustainable Communities
- 9 Corporate Services

Building on the above service area structure, as the role and mandate of conservation authorities in Ontario has continued to evolve, TRCA has adopted best practices related to financial transparency and improved collaboration with participating municipalities, including advanced performance measurement and reporting. TRCA is confident that through the framework of the *Conservation Authorities Act*, the services provided to partner municipalities and watershed communities continue to reflect key shared strategic priorities in building a sustainable city region now and into the future.



York Region Forecast		Projected Forecast											
		Approved 2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
1	Watershed Studies and Strategies Total	233,000	296,000	295,500	274,000	284,000	292,000	293,000	300,000	301,000	312,000	313,000	314,000
2	Water Risk Management Total	1,669,000	2,609,000	3,150,000	2,547,000	2,008,000	2,027,000	2,052,000	2,070,000	2,091,000	2,117,000	2,135,000	2,153,000
3	Regional Biodiversity Total	1,133,000	1,152,000	1,173,000	1,211,000	1,232,000	1,253,000	1,294,000	1,316,000	1,340,000	1,371,000	1,396,000	1,424,000
4	Greenspace Securement and Management Total	180,100	183,100	186,100	189,100	192,100	195,100	198,100	201,100	204,100	207,100	210,100	213,100
5	Tourism and Recreation Total	269,000	274,000	279,000	284,000	289,000	294,000	300,000	306,000	312,000	318,000	325,000	332,000
6	Planning and Development Total	110,700	110,700	110,700	110,700	110,700	110,700	110,700	110,700	110,700	110,700	110,700	110,700
7	Education and Outreach Total	201,000	223,000	228,000	233,000	238,000	243,000	248,000	253,000	258,000	263,000	269,000	275,000
8	Sustainable Communities Total	398,000	400,000	409,000	419,000	429,000	439,000	449,000	460,000	471,000	482,000	494,000	506,000
9	Corporate Services Total	758,200	685,200	727,500	717,500	924,500	936,500	1,053,500	1,090,500	1,100,300	1,102,300	1,101,300	1,101,300
	Total Capital	4,952,000	5,933,000	6,558,800	5,985,300	5,707,300	5,790,300	5,998,300	6,107,300	6,188,100	6,283,100	6,354,100	6,429,100
	Total Operating	4,328,500	4,452,700	4,564,018	4,678,118	4,795,071	4,914,948	5,037,821	5,138,578	5,241,349	5,346,176	5,453,100	5,562,162
		9,280,500	10,385,700	11,122,818	10,663,418	10,502,371	10,705,248	11,036,121	11,245,878	11,429,449	11,629,276	11,807,200	11,991,262

Forecast - Service Area Format				Category	Account	2025 Approved	2026 Projected	2027	2028	2029	2030
Watershed Studies and Strategies											
1.1 Watershed Planning and Reporting											
Watershed Planning and Reporting Program		Cat 1	120-02			199,000	199,000	206,000	206,000	206,000	212,000
	Sub-total 1.1					199,000	199,000	206,000	206,000	206,000	212,000
1.2 Climate Science											
Climate Change - Research and Adaptation		Cat 1	120-90			34,000	34,000	36,000	36,000	38,000	38,000
	Sub-total 1.2					34,000	34,000	36,000	36,000	38,000	38,000
<b>Watershed Studies and Strategies</b>						<b>233,000</b>	<b>233,000</b>	<b>242,000</b>	<b>242,000</b>	<b>244,000</b>	<b>250,000</b>
Water Risk Management											
2.1 Water Resource Science											
YPDT - Regional Groundwater Management Programs		Cat 1	104-90			180,000	180,000	185,000	185,000	190,000	190,000
Regional Watershed Monitoring Program		Cat 1	124-01			186,000	186,000	186,000	193,000	193,000	193,000
Flood Line Mapping Program		Cat 1	127-90			93,000	95,000	95,000	96,000	96,000	96,000
	Sub-total 2.1					459,000	461,000	466,000	474,000	479,000	479,000
2.2 Flood Management											
Flood Gauging (Flood Maintenance)		Cat 1	107-01			86,000	90,000	90,000	91,000	91,000	95,000
Flood Protection and Remedial Studies		Cat 1	107-02			121,000	125,000	129,000	133,000	137,000	141,000
Flood Control Infrastructure Maintenance		Cat 1	107-03			144,000	148,000	152,000	157,000	162,000	167,000
	Sub-total 2.2					351,000	363,000	371,000	381,000	390,000	403,000
2.3 Erosion Management											
Erosion Monitoring and Maintenance Program - TRCA		Cat 1	189-01			152,000	157,000	162,000	167,000	172,000	177,000
	Sub-total 2.3					152,000	157,000	162,000	167,000	172,000	177,000
<b>Water Risk Management</b>						<b>962,000</b>	<b>981,000</b>	<b>999,000</b>	<b>1,022,000</b>	<b>1,041,000</b>	<b>1,059,000</b>
Regional Biodiversity											
3.1 Ecosystem Management Research and Directions											
Watershed Planning and Reporting Technical Support		Cat 1	104-28			61,000	61,000	61,000	66,000	66,000	66,000
Watershed Science – Terrestrial Field Inventories		Cat 1	104-29			59,000	59,000	59,000	64,000	64,000	64,000
	Sub-total 3.1					120,000	120,000	120,000	130,000	130,000	130,000
3.2 Biodiversity Monitoring											
Regional Watershed Monitoring Program - Biodiversity		Cat 1	124-02			152,000	152,000	152,000	156,000	156,000	156,000



	Sub-total 3.2			152,000	152,000	152,000	156,000	156,000	156,000
3.3 Restoration and Regeneration									
York Watershed Restoration for Watershed Implementation	Cat 1	220-05		75,000	77,000	79,000	81,000	83,000	85,000
Bioregional Seed Crop Program	Cat 1	114-52		17,000	17,000	17,000	20,000	20,000	20,000
	Sub-total 3.3			92,000	94,000	96,000	101,000	103,000	105,000
3.4 Forest Management									
Managing Hazard Trees Program	Cat 1	111-83		185,000	189,000	193,000	197,000	201,000	205,000
	Sub-total 3.4			185,000	189,000	193,000	197,000	201,000	205,000
<b>Regional Biodiversity</b>				<b>549,000</b>	<b>555,000</b>	<b>561,000</b>	<b>584,000</b>	<b>590,000</b>	<b>596,000</b>
Greenspace Securement and Management									
4.1 Greenspace Securement									
**Greenspace Land Acquisition Program	Cat 1	004-11		22,100	22,100	22,100	22,100	22,100	22,100
	Sub-total 4.1			22,100	22,100	22,100	22,100	22,100	22,100
4.2 Greenspace Management									
Conservation Land Care Program	Cat 1	442-01		95,000	97,000	99,000	101,000	103,000	105,000
	Sub-total 4.2			95,000	97,000	99,000	101,000	103,000	105,000
4.3 Rental Properties									
<b>Greenspace Securement and Management</b>				<b>117,100</b>	<b>119,100</b>	<b>121,100</b>	<b>123,100</b>	<b>125,100</b>	<b>127,100</b>
Tourism and Recreation									
5.1 Conservation Parks									
5.2 Waterfront Parks									
5.3 Trails									
York Trail Program	Cat 1	442-04		162,000	165,000	168,000	171,000	174,000	177,000
	Sub-total 5.3			162,000	165,000	168,000	171,000	174,000	177,000
5.4 Black Creek Pioneer Village									
5.5 Bathurst Glen									
5.6 Events and Festivals									
<b>Tourism and Recreation</b>				<b>162,000</b>	<b>165,000</b>	<b>168,000</b>	<b>171,000</b>	<b>174,000</b>	<b>177,000</b>
Planning and Development									
6.1 Policy Development and Review									
Planning & Regulation Policy Updates Program	Cat 1	120-12		110,700	110,700	110,700	110,700	110,700	110,700
	Sub-total 6.1			110,700	110,700	110,700	110,700	110,700	110,700
6.2 Development Planning and Regulation Permitting									
Growth Management and Specialized Planning Studies Program	Cat 1	120-19		-	-	-	-	-	-
	Sub-total 6.2			-	-	-	-	-	-
6.3 Environmental Assessment Planning and Permitting									



<b>Planning and Development</b>				<b>110,700</b>	<b>110,700</b>	<b>110,700</b>	<b>110,700</b>	<b>110,700</b>	<b>110,700</b>
Education and Outreach									
7.1 School Programs				-	-	-	-	-	-
7.2 Family and Community Programs				-	-	-	-	-	-
7.3 Newcomer Employment and Education				-	-	-	-	-	-
<b>Education and Outreach</b>				<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Sustainable Communities									
8.1 Living City Transition Program				-	-	-	-	-	-
8.2 Community Engagement				-	-	-	-	-	-
8.3 Social Enterprise Development				-	-	-	-	-	-
<b>Sustainable Communities</b>				<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Corporate Services									
9.1 Corporate Management and Governance									
Major Facilities Retrofit Program	Cat 1	006-01		221,300	221,300	221,300	221,300	221,300	221,300
Office Accommodation Project	Cat 1	006-50		332,000	332,300	332,300	332,300	332,300	332,300
Asset Management Implementation	Cat 1	-		-	-	-	-	238,000	238,000
Sub-total 9.1				553,300	553,600	553,600	553,600	791,600	791,600
9.2 Financial Management				-	-	-	-	-	-
9.3 Human Resources				-	-	-	-	-	-
9.4 Office Services				-	-	-	-	-	-
9.5 Corporate Communications				-	-	-	-	-	-
9.6 Information Infrastructure and Management				-	-	-	-	-	-
Information Technology Replacement Program	Cat 1	014-01		110,700	110,700	110,700	110,700	110,700	110,700
Sub-total 9.6				110,700	110,700	110,700	110,700	110,700	110,700
9.7 Project Recoveries				-	-	-	-	-	-
9.8 Vehicle and Equipment				-	-	-	-	-	-
<b>Corporate Services</b>				<b>664,000</b>	<b>664,300</b>	<b>664,300</b>	<b>664,300</b>	<b>902,300</b>	<b>902,300</b>
<b>TOTAL CATEGORY 1 EXPENSE</b>				<b>2,797,800</b>	<b>2,828,100</b>	<b>2,866,100</b>	<b>2,917,100</b>	<b>3,187,100</b>	<b>3,222,100</b>
Watershed Studies and Strategies									
1.1 Watershed Planning and Reporting				-	-	-	-	-	-
New - Climate Change York	Cat 2	450-01		-	63,000	53,500	32,000	40,000	42,000
1.2 Climate Science				-	63,000	53,500	32,000	40,000	42,000
<b>Watershed Studies and Strategies</b>				<b>-</b>	<b>63,000</b>	<b>53,500</b>	<b>32,000</b>	<b>40,000</b>	<b>42,000</b>
Water Risk Management									
2.1 Water Resource Science									

Management and Evaluation - Stormwater	Cat 2	107-15	-	-	-	-	-	-
Stormwater Pond Maintenance	Cat 2	107-14	50,000	51,000	52,000	53,000	54,000	55,000
Sub-total 2.1			50,000	51,000	52,000	53,000	54,000	55,000
2.2 Flood Management			-	-	-	-	-	-
2.3 Erosion Management			-	-	-	-	-	-
Watershed Erosion Monitoring and Maintenance Program	Cat 2	189-15	657,000	1,577,000	2,099,000	1,472,000	913,000	913,000
Sub-total 2.3			657,000	1,577,000	2,099,000	1,472,000	913,000	913,000
<b>Water Risk Management</b>			<b>707,000</b>	<b>1,628,000</b>	<b>2,151,000</b>	<b>1,525,000</b>	<b>967,000</b>	<b>968,000</b>
Regional Biodiversity								
3.1 Ecosystem Management Research and Directions								
Aquatic Ecosystem Science Program	Cat 2	120-62	40,000	41,000	42,000	43,000	44,000	45,000
Terrestrial Ecosystem Science Program	Cat 2	104-23	40,000	41,000	42,000	43,000	44,000	45,000
Terrestrial Natural Heritage Field Inventory Program	Cat 2	104-22	70,000	72,000	74,000	76,000	78,000	80,000
Stream Crossing Guidelines Development Project	Cat 2	107-23	39,000	40,000	41,000	42,000	43,000	44,000
Sub-total 3.1			189,000	194,000	199,000	204,000	209,000	214,000
3.2 Biodiversity Monitoring								
Monitoring for Biodiversity	Cat 2	124-81	95,000	98,000	101,000	104,000	107,000	110,000
Sub-total 3.2			95,000	98,000	101,000	104,000	107,000	110,000
3.3 Restoration and Regeneration								
Canada Goose Management Program	Cat 2	114-32	15,000	15,000	15,000	15,000	15,000	15,000
Habitat for Wildlife Program	Cat 2	114-35	15,000	15,000	15,000	15,000	15,000	15,000
Wetland Restoration - Watershed	Cat 2	111-90	43,000	44,000	45,000	46,000	47,000	48,000
Riparian and Valleyland Restoration- Watershed	Cat 2	111-91	43,000	44,000	45,000	46,000	47,000	48,000
Terrestrial Restoration -Watershed	Cat 2	111-92	43,000	44,000	45,000	46,000	47,000	48,000
Private Land Stewardship: Tree & Shrub Program	Cat 2	114-65	41,000	41,000	42,000	43,000	44,000	45,000
Seed Crop Collection	Cat 2	190-05	17,000	18,000	19,000	20,000	21,000	22,000
Richmond Hill Planting Partnership	Cat 2	111-53	34,000	34,000	35,000	36,000	37,000	38,000
Sub-total 3.3			251,000	255,000	261,000	267,000	273,000	279,000
3.4 Forest Management								
Reforestation for Biodiversity Program	Cat 2	114-15	49,000	50,000	51,000	52,000	53,000	54,000
Sub-total 3.4			49,000	50,000	51,000	52,000	53,000	54,000
<b>Regional Biodiversity</b>			<b>584,000</b>	<b>597,000</b>	<b>612,000</b>	<b>627,000</b>	<b>642,000</b>	<b>657,000</b>

Greenspace Securement and Management

4.1 Greenspace Securement

4.2 Greenspace Management

York Greenspace Management - Municipal Request

Sub-total 4.2

Cat 2

442-38

-	-	-	-	-	-
-	-	-	-	-	-
63,000	64,000	65,000	66,000	67,000	68,000
63,000	64,000	65,000	66,000	67,000	68,000
-	-	-	-	-	-

4.3 Rental Properties

**Greenspace Securement and Management**

<b>63,000</b>	<b>64,000</b>	<b>65,000</b>	<b>66,000</b>	<b>67,000</b>	<b>68,000</b>
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Tourism and Recreation

5.1 Conservation Parks

5.2 Waterfront Parks

5.3 Trails

York Trail Construction

Sub-total 5.3

Cat 2

442-80

-	-	-	-	-	-
-	-	-	-	-	-
107,000	109,000	111,000	113,000	115,000	117,000
107,000	109,000	111,000	113,000	115,000	117,000
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

5.4 Black Creek Pioneer Village

5.5 Bathurst Glen

5.6 Events and Festivals

**Tourism and Recreation**

<b>107,000</b>	<b>109,000</b>	<b>111,000</b>	<b>113,000</b>	<b>115,000</b>	<b>117,000</b>
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Planning and Development

6.1 Policy Development and Review

6.2 Development Planning and Regulation Permitting

6.3 Environmental Assessment Planning and Permitting

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-	-	-	-	-	-
-	-	-	-	-	-

**Planning and Development**

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Education and Outreach

7.1 School Programs

York Children's Water Festival Program

Cat 2

126-42

49,000	67,000	68,000	69,000	70,000	71,000
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\*Conservation Youth Corps Program

Cat 2

126-60

27,000	28,000	29,000	30,000	31,000	32,000
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York Outreach Ed Services

Cat 2

126-53

77,000	79,000	81,000	83,000	85,000	87,000
153,000	174,000	178,000	182,000	186,000	190,000

Sub-total 7.1

7.2 Family and Community Programs

7.3 Newcomer Employment and Education

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Multicultural Environmental Stewardship Program

Cat 2

126-55

48,000	49,000	50,000	51,000	52,000	53,000
48,000	49,000	50,000	51,000	52,000	53,000

Sub-total 7.3

**Education and Outreach**

<b>201,000</b>	<b>223,000</b>	<b>228,000</b>	<b>233,000</b>	<b>238,000</b>	<b>243,000</b>
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Sustainable Communities

8.1 Living City Transition Program

*Pearson Eco-Business Program	Cat 2	413-01	39,000	39,000	40,000	41,000	42,000	43,000
Sustainable Technologies Evaluation Program- Water, Air, Energy	Cat 2	416-96	152,000	152,000	155,000	158,000	161,000	164,000
Sustainable House Demonstration Project	Cat 2	415-91	15,000	15,000	15,000	15,000	15,000	15,000
Rural Clean Water Program	Cat 2	126-07	42,000	42,000	42,000	42,000	42,000	42,000
Sub-total 8.1			248,000	248,000	252,000	256,000	260,000	264,000
8.2 Community Engagement								
Stewardship	Cat 2	126-91	113,000	115,000	117,000	119,000	121,000	123,000
York Community Environmental Enhancement Program	Cat 2	126-29	37,000	37,000	40,000	44,000	48,000	52,000
Sub-total 8.2			150,000	152,000	157,000	163,000	169,000	175,000
8.3 Social Enterprise Development			-	-	-	-	-	-
<b>Sustainable Communities</b>			<b>398,000</b>	<b>400,000</b>	<b>409,000</b>	<b>419,000</b>	<b>429,000</b>	<b>439,000</b>
Corporate Services								
9.1 Corporate Management and Governance			-	-	-	-	-	-
9.2 Financial Management								
Climate Key Performance Indicators	Cat 2	415-88	94,200	20,900	63,200	53,200	22,200	34,200
Sub-total 9.2			94,200	20,900	63,200	53,200	22,200	34,200
9.3 Human Resources			-	-	-	-	-	-
9.4 Office Services			-	-	-	-	-	-
9.5 Corporate Communications			-	-	-	-	-	-
9.6 Information Infrastructure and Management			-	-	-	-	-	-
9.7 Project Recoveries			-	-	-	-	-	-
9.8 Vehicle and Equipment			-	-	-	-	-	-
<b>Corporate Services</b>			<b>94,200</b>	<b>20,900</b>	<b>63,200</b>	<b>53,200</b>	<b>22,200</b>	<b>34,200</b>
<b>TOTAL CATEGORY 2 EXPENSE</b>			<b>2,154,200</b>	<b>3,104,900</b>	<b>3,692,700</b>	<b>3,068,200</b>	<b>2,520,200</b>	<b>2,568,200</b>
<b>YORK REQUEST - CAPITAL</b>			<b>4,952,000</b>	<b>5,933,000</b>	<b>6,558,800</b>	<b>5,985,300</b>	<b>5,707,300</b>	<b>5,790,300</b>
<b>YORK REQUEST - OPERATING</b>			<b>4,328,500</b>	<b>4,452,700</b>	<b>4,564,018</b>	<b>4,678,118</b>	<b>4,795,071</b>	<b>4,914,948</b>

## ***Watershed Studies and Strategies***

This service area includes studies and strategies that provide comprehensive, integrated watershed policy development and technical direction to TRCA service areas and partner municipalities. Main program areas include reporting on the health of TRCA watersheds and Lake Ontario waterfront, analysis of the impacts of urban growth and climate change effects, and the development of strategies to maintain and improve watershed and waterfront health.



***Watershed Planning and Reporting***



***Climate Science***

Preliminary

**PROGRAM/PROJECT NAME:** Watershed Planning and Reporting Program

**SERVICE AREA:** Watershed Studies and Strategies

**PROGRAM AREA:** Watershed Planning and Reporting

**STAFF LEAD:** Shrestha, Namrata

**REF. NUMBER:** 120-02

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal #      Goal Description**

- |   |                                  |
|---|----------------------------------|
| 2 | Support safe communities         |
| 3 | Enhance and preserve green space |

**DESCRIPTION & RATIONALE**

Watersheds in TRCA's jurisdiction are under tremendous pressure due to the expansion and intensification of urban areas, aging infrastructure, extreme weather impacts, and other emerging threats such as invasive species. Over the coming years, TRCA's partner municipalities will implement growth, intensification, redevelopment and revitalization plans, and will undertake a range of infrastructure renewal projects. In addition, provincial policies require municipalities to undertake watershed planning to inform land use planning and infrastructure decisions. These decisions represent significant challenges and opportunities to managing watershed and environmental health as well as the health and wellbeing of citizens. TRCA is well-positioned to assist municipal partners in developing watershed plans and watershed reporting products given its technical watershed knowledge, extensive datasets, and long history in community engagement. Watershed plans will provide current and relevant strategic direction to the activities of divisions and groups within TRCA and its partner municipalities. TRCA has experienced many successes in watershed plan implementation, and has been recognized as a global leader. This funding will support watershed reporting to track progress made in implementing watershed plans to achieve watershed health and to communicate watershed conditions with our partners and the general public.

**PROPOSED FUNDING**

<b>Municipality</b>	<b>Approved 2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>4-Year Forecast</b>
Durham	86,000	86,000	88,000	88,000	88,000	<b>350,000</b>
Peel	152,000	152,000	157,000	157,000	157,000	<b>623,000</b>
Toronto	153,000	153,000	158,000	158,000	158,000	<b>627,000</b>
York	199,000	199,000	206,000	206,000	206,000	<b>817,000</b>
<b>Total:</b>	<b>\$590,000</b>	<b>\$590,000</b>	<b>\$609,000</b>	<b>\$609,000</b>	<b>\$609,000</b>	<b>\$2,417,000</b>

**PROGRAM/PROJECT NAME:** *Watershed Planning and Reporting Program*

## DELIVERABLES

### Category

### Deliverable

#### Stakeholder/Customer Engagement

Educational Programming

Complete broader engagement session with First Nations and Indigenous Groups, public, stakeholders on the Humber River Watershed Plan to receive feedback on the draft Humber River Watershed Plan.

#### Program/Project Administration

Program/Project Management

Continue to facilitate, track, and report on implementation of the Etobicoke Creek Watershed Plan (ECWP) and coordinate ECWP Implementation Steering Committee meetings to receive input and share information.

#### Program/Project Administration

Program/Project Management

Continue and complete the watershed characterization stage (Stage 2) and initiate/continue the future management scenarios stage (Stage 3) of the Rouge River Watershed Plan by Q4, including public engagement and facilitation of Steering Committee input.

#### Program/Project Administration

Program/Project Management

Continue to facilitate, track, and report on implementation of the Carruthers Creek Watershed Plan (CCWP) and coordinate CCWP Implementation Steering Committee meetings to receive input and share information.

#### Program/Project Administration

Program/Project Management

Continue and complete the Implementation Planning stage (Stage 4) for the Humber River Watershed Plan (HRWP) including coordinating and leading external Steering Committee meetings.

#### Knowledge Generation and Sharing

Product

Update the Watershed Planning Hub and the Implementation Tracking Hub for the completed watershed plans (Carruthers Creek and Etobicoke Creek watersheds).

#### Knowledge Generation and Sharing

Product

Continue regular updates to the Watershed and Ecosystems Reporting Hub with new data and indicators in response to technical staff and partner feedback by Q4.



Category	Deliverable
<b>Knowledge Generation and Sharing</b> Process - Review, participation, and/or contribution	Continue supporting regional and local municipalities on watershed and sub-watershed science and planning, watershed plan implementation and facilitation, building relationship with many stakeholders including First Nations, research communities, others.
<b>Knowledge Generation and Sharing</b> Process - Review, participation, and/or contribution	Support TRCA's regional monitoring program review and adapting long-term monitoring processes to meet the needs of watershed planning and reporting processes in partnership with other TRCA teams by Q4.

Preliminary

**PROGRAM/PROJECT NAME:** Climate Change - Research and Adaptation

**SERVICE AREA:** Watershed Studies and Strategies

**PROGRAM AREA:** Climate Science

**REF. NUMBER:** 120-90

**STAFF LEAD:** Gaetz, Noah

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal # Goal Description**

2 Protect and promote residents' well-being

**DESCRIPTION & RATIONALE**

The Climate Change Research and Adaptation program consists of a number of initiatives to further the understanding of the potential impacts of climate change on water resource management and natural heritage systems within York, Toronto and other TRCA partner municipalities. This program addresses the current lack of information regarding the potential future impacts of climate change at the local scale, guides the development of specific initiatives to adapt to the expected future climate, and strengthens existing management programs to ensure that water resources and natural heritage systems are resilient to a changing climate. Project Components: Refining the current understanding of anticipated meteorological changes at regional and local scales through independent research and partnerships with federal, provincial and academic climate modeling groups. Prediction of potential water resource impacts of climate change at a local watershed level (i.e., flooding, stormwater management, low flows, erosion) based on refined future climate and meteorological predictions that were not available to previous TRCA initiatives; development of adaptive management strategies, guidelines and design tools as appropriate. Assessment of the impacts and potential risks of climate change on natural heritage systems and urban forest in the Regional Municipality of York, City of Toronto and TRCA jurisdiction, development of adaptation measures and guidance, and updates to current management programs and strategies as required. Advance best practices in water resources, natural heritage systems and urban forest management to maximize resiliency of these systems to future climate conditions and weather extremes.

**PROPOSED FUNDING**

Municipality	Approved					4-Year Forecast
	2025	2026	2027	2028	2029	
Durham	15,000	15,000	15,000	15,000	16,000	61,000
Peel	25,000	25,000	27,000	27,000	28,000	107,000
Toronto	26,000	26,000	27,000	27,000	28,000	108,000
York	34,000	34,000	36,000	36,000	38,000	144,000
<b>Total:</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$105,000</b>	<b>\$105,000</b>	<b>\$110,000</b>	<b>\$420,000</b>

**PROGRAM/PROJECT NAME:** *Climate Change - Research and Adaptation*

## DELIVERABLES

### Category

#### Program/Project Administration

Program/Project Management

### Deliverable

Enhance program delivery through service excellence, internal efficiencies and ongoing professional development (e.g., data management, continued learning).

#### Knowledge Generation and Sharing

Product

Develop, maintain and apply climate-informed planning and design tools to support municipal and watershed decision-making (e.g., Nature Based Climate Solutions Tool, LID Treatment Train Tool).

#### Knowledge Generation and Sharing

Product

Assess climate risks and vulnerabilities to inform regional and municipal adaptation planning (e.g., risk and vulnerability assessments).

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Mobilize knowledge and engage stakeholders in climate action (e.g., presentations at conferences, sharing studies/data with municipal staff, engaging with working groups).

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Inventory, monitor, and analyze adaptation actions to understand current state of climate resilience, track the implementation of new measures, and evaluate effectiveness (e.g., assessing KPIs for restored natural infrastructure, inventory of urban trees)

#### Knowledge Generation and Sharing

Primary Research

Advance research, incorporate emerging science, and analyze new data to enhance understanding of climate hazards (e.g., climate trend analysis, climate research collaborations, identify new datasets and methods).

## ***Water Risk Management***

This service area encompasses the strategic management of water resources, based on physical sciences and applied engineering (hydrology, hydraulics, fluvial geomorphology, hydrogeology and environmental science) through an understanding of water's natural processes, features and functions within the urban landscape. Core activities include environmental and hydrometric monitoring and research; developing state of the science technologies for modeling and flood forecasting; hazard management of erosion sites, unstable slopes and flood vulnerable areas. These activities are critical to reducing risk to life and property. The entire hydrologic cycle is included in this service area, from rainfall to runoff to its outlet at Lake Ontario and all of the processes in between.



***Water Resource Science***



***Flood Management***



***Erosion Management***

**PROGRAM/PROJECT NAME:** YPDT - Regional Groundwater Management Programs

**SERVICE AREA:** Water Risk Management

**PROGRAM AREA:** Water Resource Science

**STAFF LEAD:** Ford, Don

**REF. NUMBER:** 104-90

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal # Goal Description**

3 Deliver and promote environmentally sustainable services

**DESCRIPTION & RATIONALE**

This account is used to manage financial resources for the Oak Ridges Moraine Groundwater Program. The purpose of the program is to store groundwater data across watersheds on the Oak Ridges Moraine. The program has 15 partners that contribute data and funding to the program to help understand and manage water resources. The goal is to get a better picture of how water flows across the landscape, especially groundwater that you can't see. The information that has been learned through this program is highly respected. The database and maps are used by program partners, government agencies, researchers and consulting firms every day. One recent initiative of the program has been to use data from the program to create maps showing 'problem groundwater areas' that help people make decisions about where to dig. Just a few minutes spent on the program's website can save millions of dollars by preventing mistakes. The program's websites and databases are updated often to make sure there is lots of high-quality information available.

**PROPOSED FUNDING**

Municipality	Approved					
	2025	2026	2027	2028	2029	4-Year Forecast
Durham	180,000	180,000	185,000	185,000	190,000	740,000
Peel	180,000	180,000	185,000	185,000	190,000	740,000
Toronto	180,000	180,000	185,000	185,000	190,000	740,000
York	180,000	180,000	185,000	185,000	190,000	740,000
<b>Total:</b>	<b>\$720,000</b>	<b>\$720,000</b>	<b>\$740,000</b>	<b>\$740,000</b>	<b>\$760,000</b>	<b>\$2,960,000</b>

**PROGRAM/PROJECT NAME:** YPDT - Regional Groundwater Management Programs

## DELIVERABLES

### Category

### Deliverable

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Training – The ORMGP website will be updated to improve performance, which in turn will allow for in-person on-line training sessions.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Coordinate a two-day workshop on the Regional Hydrogeology of Southern Ontario for more than 400 attendees from across Ontario and beyond.

#### Knowledge Generation and Sharing

Primary Research

Numerical modeling - with the completion of a Raven water budget model in 2025, the ORMGP is planning to update/build a regional groundwater model.

#### Knowledge Generation and Sharing

Primary Research

Complete refinements to the geodatabase and hydrogeological understanding as new data become available. This work is a key ongoing component of the program and the specifics are driven by partner agency needs.

#### Knowledge Generation and Sharing

Knowledge Management

Develop and refine a new database user interface to enhance the user experience and increase efficiencies in the database.

#### Knowledge Generation and Sharing

Knowledge Management

Provide technical advice to staff at the 15 partner agencies with respect to locating new groundwater-based water supplies, numerical modelling, and conducting hydrogeological assessments.

**PROGRAM/PROJECT NAME:** Regional Watershed Monitoring Program

**SERVICE AREA:** Water Risk Management

**PROGRAM AREA:** Water Resource Science

**STAFF LEAD:** Wallace, Angela

**REF. NUMBER:** 124-01

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal #      Goal Description**

3      Deliver and promote environmentally sustainable services

**DESCRIPTION & RATIONALE**

The Regional Watershed Monitoring Program (RWMP) is an ongoing program developed by TRCA and its partners to provide a comprehensive, integrated and coordinated approach to environmental monitoring within TRCA's watersheds. This monitoring builds on the existing local and project-specific monitoring efforts of TRCA and their partners and is one of the key programs to assess, catalogue and report on the state, condition and trends in terrestrial and aquatic biodiversity throughout TRCA's jurisdiction. The RWMP activities included in TRCA's Water Risk Management Service Area include the operation and data collection at sites and stations required to assess hydrology, river hydraulics, water quality, fluvial geomorphology, and hydrogeology across the jurisdiction. TRCA's comprehensive data collection and analysis capabilities increase standardization, reduce risk, and ensure predictable and cost-effective operation. Watershed planning and reporting is highly dependent on the data and field work generated by the RWMP program.

**PROPOSED FUNDING**

<b>Municipality</b>	<b>Approved</b>					<b>4-Year Forecast</b>
	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	
Durham	80,000	80,000	80,000	83,000	83,000	<b>326,000</b>
Peel	142,000	142,000	142,000	147,000	147,000	<b>578,000</b>
Toronto	142,000	142,000	142,000	148,000	148,000	<b>580,000</b>
York	186,000	186,000	186,000	193,000	193,000	<b>758,000</b>
<b>Total:</b>	<b>\$550,000</b>	<b>\$550,000</b>	<b>\$550,000</b>	<b>\$571,000</b>	<b>\$571,000</b>	<b>\$2,242,000</b>



**PROGRAM/PROJECT NAME:** *Regional Watershed Monitoring Program*

## DELIVERABLES

### Category

### Deliverable

#### Natural Environment

Environmental Monitoring

Support TRCA's hydrometrics and flood warning infrastructure through operation and maintenance of stream gauges and rain gauges.

#### Natural Environment

Environmental Monitoring

Complete annual Water Quality summary memo (for 2024 field season). Report to be completed by June 30, 2026.

#### Natural Environment

Environmental Monitoring

Collect monthly water quality samples at 13 Provincial Water Quality Monitoring Network (PWQMN) sites and 34 RWMP sites throughout TRCA's jurisdiction.

#### Natural Environment

Environmental Monitoring

Monitor 21 Provincial Groundwater Monitoring Network well sites distributed across TRCA jurisdiction. Collect continuous water level data and annual water quality samples according to the monitoring schedule.

#### Natural Environment

Environmental Monitoring

Provide general project management and oversight to the RWMP including annual supervision, work planning, budgeting, health and safety, and human resources.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Compile and analyze data in support of updates to TRCA's Watershed and Ecosystems Reporting Hub and/or Conservation Ontario Watershed Report Card/watershed reporting process, as required.

**PROGRAM/PROJECT NAME:** Flood Line Mapping Program

**SERVICE AREA:** Water Risk Management

**PROGRAM AREA:** Water Resource Science

**STAFF LEAD:** Lorrain, Nick

**REF. NUMBER:** 127-90

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal # Goal Description**

- 1 Invest in a safe, effective transportation system that connects people, goods and services
- 2 Support safe communities

**DESCRIPTION & RATIONALE**

To meet regulatory requirements for the protection of life and property from flooding, TRCA develops engineered flood line mapping for all its watercourses. These flood lines are established through the preparation of state-of-the-art hydrology and hydraulic models (both one-dimensional and two-dimensional), and digital topographic mapping. These models and maps define the extent of the floodplain, as well as determine flood flows, flood depths and velocities. Identification of the floodplain allows for the management of existing flood vulnerable areas and ensures new development is adequately situated outside of flood hazard areas. This information also forms the technical basis of TRCA's Flood Emergency Management (flood forecasting and warning, emergency planning and non-structural mitigation) and TRCA's Flood Infrastructure Mitigation Planning and Implementation (structural flood mitigation) teams.

**PROPOSED FUNDING**

<b>Municipality</b>	<b>Approved</b>					<b>4-Year Forecast</b>
	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	
Durham	40,000	41,000	41,000	41,000	41,000	<b>164,000</b>
Peel	71,000	72,000	72,000	74,000	74,000	<b>292,000</b>
Toronto	71,000	73,000	73,000	74,000	74,000	<b>294,000</b>
York	93,000	95,000	95,000	96,000	96,000	<b>382,000</b>
<b>Total:</b>	<b>\$275,000</b>	<b>\$281,000</b>	<b>\$281,000</b>	<b>\$285,000</b>	<b>\$285,000</b>	<b>\$1,132,000</b>

**PROGRAM/PROJECT NAME:** *Flood Line Mapping Program*

## DELIVERABLES

### Category

### Deliverable

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Manage and disseminate 122 flood line maps and hydrologic/hydraulic modeling of the City of Toronto (Etobicoke Creek, Mimico Creek, Humber River, Don River, Highland Creek and Rouge River Watersheds) to partner municipalities, the development industry, and public.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Manage and disseminate the approximately 208 flood line maps and hydrologic/hydraulic modeling of the Regional Municipality of Peel (Etobicoke Creek, Mimico Creek and Humber River Watersheds) to partner municipalities, the development industry, and public.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Manage and disseminate 185 flood line maps and hydrologic/hydraulic modeling of the Regional Municipality of York (Humber River, Don River, Rouge River and Duffins Creek Watersheds) to partner municipalities, the development industry, and public.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Carruthers Creek Watershed Hydrology Update, complete all remaining components of the hydrology report and finalize the project summary report, and peer review process.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Manage and disseminate 86 flood line maps and hydrologic/hydraulic modeling of the Regional Municipality of Durham (Frenchman's Bay, Petticoat Creek, Duffins Creek, and Carruthers Creek Watersheds) to partner municipalities, the development industry, and public.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Updated map sheets incorporating revisions related to urban development, changes to topographic base mapping, updated hydrology, modifications to channel and stream (i.e., realignment, restoration, etc.) and new and replacement hydraulic structures (i.e., road crossings, railway crossings, etc.) will be incorporated into TRCA's floodplain mapping program as needed.

**PROGRAM/PROJECT NAME:** Flood Gauging (Flood Maintenance)

**SERVICE AREA:** Water Risk Management

**PROGRAM AREA:** Flood Management

**STAFF LEAD:** Mitchell, Craig

**REF. NUMBER:** 107-01

**CATEGORY:** One

#### MUNICIPAL STRATEGIC PLAN ALIGNMENT

Goal #	Goal Description
2	Support safe communities

#### DESCRIPTION & RATIONALE

The Flood Forecasting and Warning System is a critical component of TRCA's Flood Risk Management Program. Flood Forecasting and Warning is a core, mandatory program that Conservation Authorities are responsible for delivering under Ontario Regulation 686/21, Subsection 2. Technical flood risk related data is collected primarily by stream and rain gauges, and is used for flood forecasting and warning, and flood risk management. Funds are used for installing, monitoring, and maintaining hydrometric networks that supply data for contingency plans, flood warnings, dam operations, and provide technical assistance to municipalities with flood management, infrastructure design, development review and other purposes. In addition, Current hydrometric network includes over 120 gauging stations measuring stream flow, precipitation, snow pack, baseflow, water quality, and climate.

#### PROPOSED FUNDING

Municipality	Approved	2026	2027	2028	2029	4-Year Forecast
	2025					
Durham	37,000	38,000	38,000	38,000	38,000	152,000
Peel	66,000	67,000	67,000	68,000	68,000	270,000
Toronto	65,000	67,000	67,000	69,000	69,000	272,000
York	86,000	88,000	88,000	90,000	90,000	356,000
<b>Total:</b>	<b>\$254,000</b>	<b>\$260,000</b>	<b>\$260,000</b>	<b>\$265,000</b>	<b>\$265,000</b>	<b>\$1,050,000</b>

**PROGRAM/PROJECT NAME:** *Flood Gauging (Flood Maintenance)*

## DELIVERABLES

### Category

### Deliverable

#### Natural Environment

Environmental Monitoring

Operate and maintain five (5) climate stations within the City of Toronto. Climate stations include snow courses, temperature and meteorological stations. Data is used for flood warning (snow pack run-off) and watershed studies.

#### Hazard Management

Flood

Operate and maintain TRCA's Flood Forecasting and Warning Website ([trcagauging.ca](http://trcagauging.ca)). Tasks include telemetry, software and website upgrades (e.g., develop features to enhance website interface and user tools by Flood Duty Officers and the public), servers, IT support and staff time to maximize uptime of the site.

#### Natural Environment

Environmental Monitoring

Monitor and maintain 12 real-time stream and precipitation gauge stations throughout the Regional Municipality of Durham. There are 12 stream gauges that measure flow and provide warning alarms during flood events. Additionally, there are four (4) real-time precipitation gauges that provide alarms to TRCA staff when flood potential rainfall is detected. Gauges are critical for TRCA to provide flood forecasting

#### Natural Environment

Environmental Monitoring

Operate and maintain two (2) remote stream and three (3) precipitation gauges within the Regional Municipality of Durham. Data collected is used for floodplain mapping, infrastructure design (sewers, bridges, etc.), permits, planning and watershed plans.

#### Natural Environment

Environmental Monitoring

Monitor and maintain 12 real-time stream and precipitation gauge stations throughout Peel Region. There are six (6) stream gauges that measure flow and provide warning alarms during flood events. Additionally, there are six (6) real-time precipitation gauges that provide alarms to TRCA staff when flood potential rainfall is detected. Gauges are critical for TRCA to provide flood forecasting and warning.

#### Natural Environment

Environmental Monitoring

Operate and maintain five (5) remote stream and three (3) precipitation gauges within the Region of Peel. Data collected is used for floodplain mapping, infrastructure design (sewers, bridges, etc.), permits, planning and watershed plans.

#### Natural Environment

Environmental Monitoring

Operate and maintain five (5) climate stations within the Region of Peel. Climate stations include snow courses, temperature and meteorological stations. Data is used for flood warning (snow pack run-off) and watershed studies.

## Category

## Deliverable

### Hazard Management

Flood

Install a non-contact sensor at the Black Creek at Alliance HY097 flood warning gauge. Non-contact sensor will use less power and can improve gauge reading accuracy and frequency at the flood warning gauge.

### Natural Environment

Environmental Monitoring

Operate and maintain seven (7) remote stream and five (5) precipitation gauges within the City of Toronto. Data collected is used for floodplain mapping, infrastructure design (sewers, bridges, etc.), permits, planning and watershed plans.

### Natural Environment

Environmental Monitoring

Operate and maintain seven (7) climate stations within Durham. Climate stations include snow courses, temperature and meteorological stations. Data is used for flood warning (snow pack run-off) and watershed studies.

### Natural Environment

Environmental Monitoring

Develop and maintain 35 stage/discharge relationship curves to convert water level data to flow. Data provided by real-time and non-real-time stream gauges need to be converted to flow through a rigorous conversion and quality assurance / quality control process.

### Natural Environment

Environmental Monitoring

Service as software package for the Aquarius and EnviroSCADA discharge and flood warning alarm system. This is a cloud based service that will meet TRCA's requirement to utilize cloud services and eliminate TRCA owned servers.

### Natural Environment

Environmental Monitoring

Monitor and maintain 12 real-time stream and precipitation gauge stations throughout York Region. There are six (6) stream gauges that measure flow and provide warning alarms during flood events. Additionally, there are nine (9) real-time precipitation gauges that provide alarms to TRCA staff when flood potential rainfall is detected. Gauges are critical for TRCA to provide flood forecasting and warning.

### Natural Environment

Environmental Monitoring

Monitor and maintain 12 real-time stream and precipitation gauge stations throughout York Region. There are six (6) stream gauges that measure flow and provide warning alarms during flood events. Additionally, there are nine (9) real-time precipitation gauges that provide alarms to TRCA staff when flood potential rainfall is detected. Gauges are critical for TRCA to provide flood forecasting and warning.

### Natural Environment

Environmental Monitoring

Operate and maintain two (2) remote stream and three (3) remote precipitation gauges in York Region. Data collected is used for floodplain mapping, infrastructure design (sewers, bridges, etc.), permits, planning and watershed plans.

### Natural Environment

Environmental Monitoring

Operate and maintain 10 climate stations within the York Region. Climate stations include snow courses, temperature and meteorological stations. Data is used for flood warning (snow pack run-off) and watershed studies.

Category	Deliverable
<b>Natural Environment</b> Environmental Monitoring	Operate and maintain 10 climate stations within the York Region. Climate stations include snow courses, temperature and meteorological stations. Data is used for flood warning (snow pack run-off) and watershed studies.
<b>Natural Environment</b> Environmental Monitoring	Monitor and maintain 19 real-time stream and precipitation gauge stations throughout the City of Toronto. There are 13 stream gauges that measure flow and provide warning alarms during flood events. Additionally, six (6) real-time precipitation gauges provide alarms to TRCA staff when flood potential rainfall is detected. Gauges are critical for TRCA to provide flood forecasting and warning.

Preliminary



**PROGRAM/PROJECT NAME:** Flood Protection and Remedial Studies

**SERVICE AREA:** Water Risk Management

**PROGRAM AREA:** Flood Management

**STAFF LEAD:** Lorrain, Nick

**REF. NUMBER:** 107-02

**CATEGORY:** One

## MUNICIPAL STRATEGIC PLAN ALIGNMENT

Goal #	Goal Description
2	Support safe communities

## DESCRIPTION & RATIONALE

The Flood Protection and Remedial Capital Works program consists of the identification of and mitigation of flood risk. This program includes the development and implementation non structural and structural projects that reduce or eliminate flood risk to both life and property. Program activities include the identification and assessment of capital remedial works within high-risk flood prone areas and completing flood modeling and remediation studies, the development and implementation of non-structural flood mitigation measures like Flood Forecasting and Warning tools and products to improve program efficiency, and the undertaking of riverine flood risk assessments and priority setting. Tasks include the undertaking flood risk assessments, development of flood forecasting and warning tools, the development of hydraulic models, the analysis of flood mitigation options (including cost-benefit analysis), and detailed feasibility assessments to develop flood remediation projects to be imp

## PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	66,000	68,000	70,000	72,000	74,000	284,000
Toronto	96,000	99,000	102,000	105,000	108,000	414,000
York	121,000	125,000	129,000	133,000	137,000	524,000
<b>Total:</b>	<b>\$283,000</b>	<b>\$292,000</b>	<b>\$301,000</b>	<b>\$310,000</b>	<b>\$319,000</b>	<b>\$1,222,000</b>

**PROGRAM/PROJECT NAME:** *Flood Protection and Remedial Studies*

## DELIVERABLES

### Category

### Deliverable

#### Program/Project Administration

Program/Project Management

Assess funding opportunities for an update to TRCA's Jurisdictional Flood Risk Assessment. Funding may be available through the FHIMP if the program expands funding beyond flood models and flood mapping. If funds become available TRCA will initiate project planning and undertake the procurement process to retain the services of a consulting firm to undertake the project.

#### Program/Project Administration

General Management

Continue engaging with senior level governments to secure government funding (i.e. Disaster Mitigation and Adaptation Fund) for the planning and implementation of flood remediation works.

#### Program/Project Administration

General Management

Continue program administration, including funding applications, and engagement with regional and partner municipalities, and key stakeholders affected by flooding. Continue to communicate flood plain mapping, flood modelling, and flood risk reduction initiatives undertaken by TRCA.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Support City of Vaughan with their Flood Study for the Hwy 7 & Keele area of Vaughan.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Support Policy Planning team with the Regulation Line updates based on the results of various floodplain mapping updates, extensions and spills assessment.

#### Hazard Management

Flood

Support the continued development of TRCA's Flood Early Warning System (FEWS) Decision Support System (DSS). Tasks may include, continued development of the Daily Planning Cycle interface, the incorporation of winter data collection and operations into FEWS so that snowmelt and runoff calculations can be completed, and hydrology model assessment and development.

**PROGRAM/PROJECT NAME:** Flood Control Infrastructure Maintenance

**SERVICE AREA:** Water Risk Management

**PROGRAM AREA:** Flood Management

**STAFF LEAD:** Mitchell, Craig

**REF. NUMBER:** 107-03

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**

Goal #	Goal Description
2	Support safe communities

**DESCRIPTION & RATIONALE**

TRCA monitors, maintains and operates 10 dams and 18 flood control structures that help reduce flooding in flood vulnerable areas as well as provide recreational reservoirs for public enjoyment. Infrastructure includes dams, dikes, and channels. Due diligence responsibilities require TRCA to undertake projects to ensure flood infrastructure is managed to minimize risk to the public. To meet this objective, inspections of each structure are completed annually and any deficiencies identified are repaired as required (subject to available funding). Funding is used for capital projects that include concrete repairs, dam safety reviews, sediment and/or vegetation removal, engineering reports and structural repairs.

**PROPOSED FUNDING**

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	24,000	25,000	26,000	27,000	28,000	106,000
Peel	338,000	338,000	348,000	358,000	369,000	1,413,000
Toronto	67,000	69,000	71,000	73,000	75,000	288,000
York	144,000	148,000	152,000	157,000	162,000	619,000
<b>Total:</b>	<b>\$573,000</b>	<b>\$580,000</b>	<b>\$597,000</b>	<b>\$615,000</b>	<b>\$634,000</b>	<b>\$2,426,000</b>

**PROGRAM/PROJECT NAME:** *Flood Control Infrastructure Maintenance*

## DELIVERABLES

### Category

### Deliverable

#### Hazard Management

Flood

Remove vegetation and debris from flood control channels to maintain flood flow capacity and reduce the need for major capital maintenance projects. Target channels for 2026 equates to 2,800m of channel/structure.

#### Hazard Management

Flood

Remove vegetation and debris from flood control channels to maintain flood flow capacity and reduce the need for major capital maintenance projects. Target channels for 2026 equates to 2,800m of channel/structure.

#### Hazard Management

Flood

G. Ross Lord Dam Engineer of Record Project

#### Hazard Management

Flood

Stouffville Channel Major Maintenance Final Design Project

#### Hazard Management

Flood

Annual servicing and maintenance of emergency back-up generators at Claireville Dam and G. Ross Lord Dam. Regular servicing ensures reliable operation of dam gates during power outages.

#### Hazard Management

Flood

Claireville Dam Gate Repair Project

#### Hazard Management

Flood

Claireville Dam Wing Wall Repair

Category	Deliverable
Hazard Management	
Flood	Perform embankment and reservoir maintenance on Claireville dam, including debris and vegetation removal. Removals occur three (3) to four (4) times annually, depending on growth. This allows for embankment inspections and reduces the risk of failures.

Preliminary

**PROGRAM/PROJECT NAME:** Erosion Monitoring and Maintenance Program - TRCA

**SERVICE AREA:** Water Risk Management

**PROGRAM AREA:** Erosion Management

**STAFF LEAD:** Wolfram, Phil

**REF. NUMBER:** 189-01

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal #      Goal Description**

3      Deliver and promote environmentally sustainable services

**DESCRIPTION & RATIONALE**

This Category 1 - Mandatory Service program provides for the inspection of known erosion hazard sites on TRCA lands and existing TRCA-owned control structures in the Regional Municipality of York within TRCA's jurisdiction. TRCA erosion hazards are assigned a priority ranking, and remedial and major maintenance works are implemented on a priority basis to protect life and property from erosion, to the extent of funding available. The control structures monitored include works, such as retaining walls and revetments, located on TRCA lands to protect trails, road crossings, and private property. Due to very limited funding available for this program, TRCA is able to respond to reports regarding new erosion hazards by monitoring the area of concern, however any new works are beyond the financial capacity of the program, requiring TRCA to make special asks to the Regional Municipality of York and look for partnership opportunities with lower tier municipalities to accomplish objectives.

**PROPOSED FUNDING**

Municipality	Approved					
	2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	152,000	157,000	162,000	167,000	172,000	658,000
<b>Total:</b>	<b>\$152,000</b>	<b>\$157,000</b>	<b>\$162,000</b>	<b>\$167,000</b>	<b>\$172,000</b>	<b>\$658,000</b>

**PROGRAM/PROJECT NAME:** *Erosion Monitoring and Maintenance Program - TRCA*

## DELIVERABLES

### Category

### Deliverable

#### Hazard Management

Erosion

Conduct erosion hazard monitoring of TRCA property and TRCA-owned erosion control assets in York Region. This includes inspecting erosion hazards, infrastructure hazards, public inquiries, and erosion and flood control structures.

#### Hazard Management

Erosion

Complete Reach-based Erosion Assessment & Characterization for Hazard Mapping along pilot reaches of the Rouge River for impacts to TRCA owned property and assets. Share results and coordinate opportunities with adjacent municipal asset owners.

#### Hazard Management

Erosion

Conduct post-construction regulatory monitoring and reporting for HR72.1 Major Maintenance Bank Stabilization Project.



## ***Regional Biodiversity***

This service area includes programs, projects and activities that together create a comprehensive and integrated approach to regional biodiversity and ecosystem management. Main activities include monitoring of ecological conditions and ecosystem trends, ecosystem planning and research, habitat restoration and regeneration, and management of existing regional biodiversity. The result of this work demonstrates the benefit biodiversity provides to community and human well-being.



***Ecosystem Management Research and Directions***



***Biodiversity Monitoring***



***Restoration and Regeneration***



***Forest Management***

**PROGRAM/PROJECT NAME:** Watershed Planning and Reporting Technical Support

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Ecosystem Management Research and Directions

**REF. NUMBER:** 104-28

**STAFF LEAD:** Gaetz, Noah

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal # Goal Description**

2 Protect and promote residents' well-being

**DESCRIPTION & RATIONALE**

This program delivers required science-based evidence and expertise on terrestrial and aquatic ecosystems to support TRCA and its partner municipalities in objectives related to watershed planning and reporting. The program provides technical analysis and models to support watershed planning, subwatershed planning, settlement area boundary expansions, online reporting hub, watershed report cards, and rapid site level assessments. This work ultimately supports the mitigation of hazards as it relates to land use planning processes in relation to Water Resource Systems, Natural Heritage System and other relevant strategies. This work is a mandatory service under provincial policies, municipal Official Plans, transportation plans, and various climate change adaptation strategies.

**PROPOSED FUNDING**

Municipality	Approved					4-Year Forecast
	2025	2026	2027	2028	2029	
Durham	26,000	26,000	26,000	28,000	28,000	108,000
Peel	46,000	46,000	46,000	50,000	50,000	192,000
Toronto	47,000	47,000	47,000	51,000	51,000	196,000
York	61,000	61,000	61,000	66,000	66,000	254,000
<b>Total:</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$180,000</b>	<b>\$195,000</b>	<b>\$195,000</b>	<b>\$750,000</b>

**PROGRAM/PROJECT NAME:** *Watershed Planning and Reporting Technical Support*

## DELIVERABLES

### Category

### Deliverable

#### Knowledge Generation and Sharing

Product

Provide technical leadership for rapid site level assessments in terms of communicating natural heritage, water resources, and ecological data/analysis (where requested) to support land use planning decisions in defined areas (black plans, highways, future urban expansions). This work supports municipal requirements to have up-to-date watershed plans to inform growth and infrastructure.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Initiate the analysis and planning to support the technical lead for the water resources, natural heritage, and water quality sections of the scenario analysis in support of the Rouge River watershed plan. This work supports municipal requirements to have up-to-date watershed plans to inform growth and infrastructure.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Technical lead for the data quality assurance and quality control, analysis, and presentation of information for the update of content to the online reporting hub, including the water resource system, natural heritage system, aquatic ecosystem, terrestrial ecosystem, water quality and Lake Ontario nearshore sections. This work supports municipal requirements to have up-to-date watershed plans to inform growth and infrastructure.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Support the characterization phase of the Rouge River watershed plan. Here data scoping and gap analysis will include natural heritage system, water resources system, aquatic ecosystem, terrestrial ecosystem, water quality, urban forest, climate change, and water quantity. This work supports municipal requirements to have up-to-date watershed plans to inform growth and infrastructure.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Support the data scoping phase of the Petticoat Creek watershed plan. Here data scoping and gap analysis will include natural heritage system, water resources system, aquatic ecosystem, terrestrial ecosystem, water quality, urban forest, climate change, and water quantity. This work supports municipal requirements to have up-to-date watershed plans to inform growth and infrastructure.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Support implementation of TRCA watershed plans by supporting the recently developed plans for (i) Humber River, (ii) Etobicoke Creek, (iii) Carruthers Creek, and others. This work supports municipal requirements to have up-to-date watershed plans.

**PROGRAM/PROJECT NAME:** Watershed Science - Terrestrial Field Inventories

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Ecosystem Management Research and Directions

**REF. NUMBER:** 104-29

**STAFF LEAD:** Hayes, Sue

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal #      Goal Description**

3      Enhance and preserve green space

**DESCRIPTION & RATIONALE**

This program collects the required terrestrial field inventory data to support TRCA and partner municipalities in objectives related to watershed planning and reporting as well as land management of TRCA owned properties. Having relevant and timely field data provides the foundation for the development of watershed and sub watershed plans and allows for good land management practices / decisions.

**PROPOSED FUNDING**

<b>Municipality</b>	<b>Approved 2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>4-Year Forecast</b>
Durham	25,000	25,000	25,000	27,000	27,000	<b>104,000</b>
Peel	45,000	45,000	45,000	49,000	49,000	<b>188,000</b>
Toronto	46,000	46,000	46,000	50,000	50,000	<b>192,000</b>
York	59,000	59,000	59,000	64,000	64,000	<b>246,000</b>
<b>Total:</b>	<b>\$175,000</b>	<b>\$175,000</b>	<b>\$175,000</b>	<b>\$190,000</b>	<b>\$190,000</b>	<b>\$730,000</b>

**PROGRAM/PROJECT NAME:** *Watershed Science - Terrestrial Field Inventories*

**DELIVERABLES****Category**

**Knowledge Generation and Sharing**

Product

**Deliverable**

To collect and manage terrestrial biological data to support the development of Watershed Plans (Rouge, and Petticoat or Duffins).

Preliminary

**PROGRAM/PROJECT NAME:** Regional Monitoring Program - Biodiversity

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Biodiversity Monitoring

**STAFF LEAD:** Wallace, Angela

**REF. NUMBER:** 124-02

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**

Goal #	Goal Description
3	Enhance and preserve green space

**DESCRIPTION & RATIONALE**

CATEGORY 1 BIODIVERSITY ACTIVITIES. The Regional Watershed Monitoring Program (RWMP) is an ongoing program developed by TRCA and its partners to provide a comprehensive, integrated and coordinated approach to environmental monitoring within TRCA's watersheds. This monitoring builds on the existing local and project-specific monitoring efforts of TRCA and their partners and is one of the key programs to assess, catalogue and report on the state, condition and trends in terrestrial and aquatic biodiversity throughout TRCA's jurisdiction. The RWMP activities included in TRCA's Regional Biodiversity Service Area include monitoring sites assessed on an annual or rotational basis that provide insight on the effects of regional urbanization on terrestrial and aquatic habitat, species and communities. Results from this work, in combination with comparable site specific monitoring undertaken at development and restoration project sites, guide greenspace acquisition, restoration planning, and management strategies to ensure continued biodiversity and regional ecosystem stability.

**PROPOSED FUNDING**

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	65,000	65,000	65,000	67,000	67,000	264,000
Peel	116,000	116,000	116,000	118,000	118,000	468,000
Toronto	117,000	117,000	117,000	119,000	119,000	472,000
York	152,000	152,000	152,000	156,000	156,000	616,000
<b>Total:</b>	<b>\$450,000</b>	<b>\$450,000</b>	<b>\$450,000</b>	<b>\$460,000</b>	<b>\$460,000</b>	<b>\$1,820,000</b>

**PROGRAM/PROJECT NAME:** *Regional Monitoring Program - Biodiversity*

## DELIVERABLES

### Category

### Deliverable

#### Program/Project Administration

Program/Project Management

Provide ongoing general project management and support to the Regional Watershed Monitoring Program including annual supervision of work planning, budgeting, health and safety and human resources.

#### Natural Environment

Environmental Monitoring

Collect monitoring data for forest vegetation plots, wetland vegetation plots, forest bird plots, wetland bird plots, meadow bird plots, and amphibian stations.

#### Natural Environment

Environmental Monitoring

Collect benthic macroinvertebrate community data at up to 75 sites.

#### Natural Environment

Environmental Monitoring

Collect fish community data at approximately 50 sites.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Compile and analyze data in support of updates to TRCA's Watershed and Ecosystems Reporting Hub and/or Conservation Ontario Watershed Report Card/watershed reporting process, as required.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Facilitate data sharing with partners and stakeholders through the development, update and maintenance of relational databases and support the maintenance and further development of TRCA's Open Data System.

**PROGRAM/PROJECT NAME:** York Watershed Restoration for Watershed Implementation

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Restoration and Regeneration

**STAFF LEAD:** Mcdonald, Karen

**REF. NUMBER:** 220-05

**CATEGORY:** One

#### MUNICIPAL STRATEGIC PLAN ALIGNMENT

Goal #	Goal Description
3	Enhance and preserve green space

#### DESCRIPTION & RATIONALE

This program's focal area is the ecological restoration and management of TRCA owned or managed lands in York Region. Project activities include, identifying, assessing, restoring and managing forests, meadows, wetlands, riparian areas, streams, shorelines, wildlife habitat and invasive species in collaboration with York Region. This program supports the objectives of TRCA's Strategic Plan and Watershed Plans, as well as the goals for habitat restoration for the Toronto and Region Area of Concern (AOC). This program contributes to York Region's 2023-2027 Strategic Plan Priority: Drive Environmental Stewardship, as well as climate change adaptation and mitigation, biodiversity, aesthetic improvements through nature-based solutions. This is a Category 1 account that addresses the core mandate of conserve, protect, rehabilitate, establish, and manage natural heritage located within the lands owned or controlled by TRCA.

#### PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	75,000	77,000	79,000	81,000	83,000	320,000
<b>Total:</b>	<b>\$75,000</b>	<b>\$77,000</b>	<b>\$79,000</b>	<b>\$81,000</b>	<b>\$83,000</b>	<b>\$320,000</b>



**PROGRAM/PROJECT NAME:** *York Watershed Restoration for Watershed Implementation*

**DELIVERABLES**

**Category**

**Natural Environment**

Habitat Management and Restoration

**Deliverable**

Mitigate natural hazards, restore TRCA lands (Category 1). Services include, identify, assess, restore and manage forest, meadow, wetland, riparian, stream, shoreline, wildlife habitat and invasive species collaborating with York Region.

**Natural Environment**

Habitat Management and Restoration

Identify opportunities to leverage Regional funding to enhance overall deliverables.

Preliminary

**PROGRAM/PROJECT NAME:** Bioregional Seed Crop Program

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Restoration and Regeneration

**STAFF LEAD:** Tonerger, Ralph

**REF. NUMBER:** 114-52

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal # Goal Description**

3 Enhance and preserve green space

4 Attract and retain a skilled workforce

**DESCRIPTION & RATIONALE**

TRCA Indigenous Plant Propagation program is a key strategic resource for the successful implementation of many of TRCA's core programs including supporting the management of natural hazards, flood erosion control programs and restoration planting projects on TRCA owned and managed properties. Seed and vegetative plant cutting materials is collected and harvested from locally documented sources, propagated, and grown on for one to five (1 - 5) years. The Nursery provides multi-divisional support for restoration projects by producing, sourcing, and supplying all plant material and supplies. Through various trials, the Nursery continues to seek out and try innovative ways to improve production. TRCA's Indigenous Plant Propagation program is increasing seed collection in local and neighboring seed zones and will continue to produce quality source identified plant material that has proven success in restoration projects and helps mitigate the impact of climate change.

**PROPOSED FUNDING**

Municipality	Approved					
	2025	2026	2027	2028	2029	4-Year Forecast
Durham	7,000	7,000	7,000	9,000	9,000	32,000
Peel	13,000	13,000	13,000	15,000	15,000	56,000
Toronto	13,000	13,000	13,000	16,000	16,000	58,000
York	17,000	17,000	17,000	20,000	20,000	74,000
<b>Total:</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>\$220,000</b>

**PROGRAM/PROJECT NAME:** *Bioregional Seed Crop Program*

## DELIVERABLES

### Category

### Deliverable

#### Natural Environment

Habitat Management and Restoration

Produce all required bioengineering materials made up of live stakes, canes and fascine formats from documented sources to help stabilize shorelines, mitigate erosion and flood risk hazards and restore natural environments.

#### Natural Environment

Habitat Management and Restoration

Increase production and locally collected and source identified stock availability. Nursery goal to propagate full seedling target requirements for 13 species.

#### Natural Environment

Habitat Management and Restoration

Collect and process seed from 30 species of native trees and shrubs for in-year propagation, storage, and future reserves in support of erosion and flood control programs and restoration plantings on TRCA's lands.

#### Natural Environment

Habitat Management and Restoration

Harvest and produce approximately 45,000 propagules from native tree and shrub species for vegetative plant production.

#### Natural Environment

Habitat Management and Restoration

Supply 5,000-15,000 or more seedlings of various trees and shrubs for an partnership with Credit Valley Conservation Authority's Warwick Nursery, for container grown plant production.

**PROGRAM/PROJECT NAME:** Managing Hazard Trees Program

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Forest Management

**STAFF LEAD:** Tonerger, Ralph

**REF. NUMBER:** 111-83

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal # Goal Description**

3 Enhance and preserve green space

**DESCRIPTION & RATIONALE**

Managing Hazard Tree Program identifies hazard trees, assesses trees at risk for increased hazard potential and inspects non-hazardous for future risk potential in passive-use conservation areas, resource management tracts and residential properties in the Regional Municipality of York. The program manages and tracks tree inspections, evaluations, mapping and abatements in accordance with the TRCA Hazard Tree policy through the TRCA Hazard Tree database. The need for such a program arises from the responsibility of TRCA to protect visitors, staff and infrastructure from tree hazards and to ensure the health and safety of people on its properties. This program supports a variety of core forest hazard and health programs as well as partnering and aligning strategic initiatives with our York partners. This program specifically reduces the risk of tree hazards on TRCA owned and managed lands as well as ensuring that TRCA's forest resources are managed and conserved in accordance with the amended CA Act.

**PROPOSED FUNDING**

Municipality	Approved					
	2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	185,000	189,000	193,000	197,000	201,000	780,000
<b>Total:</b>	<b>\$185,000</b>	<b>\$189,000</b>	<b>\$193,000</b>	<b>\$197,000</b>	<b>\$201,000</b>	<b>\$780,000</b>

**PROGRAM/PROJECT NAME:** *Managing Hazard Trees Program*

## DELIVERABLES

### Category

#### Hazard Management

Tree/Terrestrial Risk

### Deliverable

Abate hazard trees on 106 km of trail and property boundaries on TRCA lands in York by the end of Q4 to make them safe for users and stakeholders.

#### Hazard Management

Tree/Terrestrial Risk

Monitor priority areas for emerging threats to forest ecosystem health such as Hemlock Wolly Adelgid, Oak Wilt Disease etc.

#### Hazard Management

Tree/Terrestrial Risk

Assess 106 km of trail and property boundaries on TRCA lands in York for hazard trees by the end of Q4 to make them safe for users and stakeholders.

#### Hazard Management

Tree/Terrestrial Risk

Protect 100% of the scheduled high-priority ash trees in York from Emerald Ash Borer by injecting them with TreeAzin natural insecticide by end of Q2 to conserve biodiversity

## ***Greenspace Securement and Management***

This service area includes the acquisition of a public interest in and management of environmentally significant lands in order to protect their natural functions and services and to conserve the land for the benefit of current and future generations. Key program areas include greenlands acquisition, inventory and audit, master planning, land hazard management, and the protection of archeologically significant resources.



***Greenspace Securement***



***Greenspace Management***



***Rental Properties***

**PROGRAM/PROJECT NAME:** Greenspace Land Acquisition Program

**SERVICE AREA:** Greenspace Securement and Management

**PROGRAM AREA:** Greenspace Securement

**STAFF LEAD:** Schuler, Alexander

**REF. NUMBER:** 004-11

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal # Goal Description**

3 Enhance and preserve green space

**DESCRIPTION & RATIONALE**

TRCA's Greenlands Acquisition Project 2021-2030 aims to acquire property interests whether by fee simple, leasehold, easement, or covenant. These acquisitions are completed for the purpose of preserving environmentally significant lands and the ability to perform their natural functions as well as to conserve lands for the benefit of the people within TRCA's watersheds and beyond. The funds allocated for this project are used to cover the costs/fees related to obtaining property rights through purchases, planning process, donations, easements, and land exchanges including legal, survey, registration, environmental, and appraisal.

**PROPOSED FUNDING**

<b>Municipality</b>	<b>Approved 2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>4-Year Forecast</b>
Durham	2,900	3,000	3,000	3,000	3,000	<b>12,000</b>
Peel	10,900	10,800	10,800	10,800	10,800	<b>43,200</b>
Toronto	64,100	64,100	64,100	64,100	64,100	<b>256,400</b>
York	22,100	22,100	22,100	22,100	22,100	<b>88,400</b>
<b>Total:</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$400,000</b>

**PROGRAM/PROJECT NAME:** *Greenspace Land Acquisition Program*

**DELIVERABLES**

**Category**

**Property/Built Structures**  
Land and Shoreline Management

**Deliverable**

Acquire 80 ha (197 acres) of property rights through purchase, planning process, easements, and land exchanges in hazard, conservation, and environmentally significant lands to safeguard natural functions and conserve lands for community benefits.

**Property/Built Structures**  
Land and Shoreline Management

Obtain one (1) property parcel gifted to TRCA pursuant to the Federal Ecological Gifts Program that encourages the donation of environmentally significant lands with increased tax benefits to the donor.

Preliminary



**PROGRAM/PROJECT NAME:** Conservation Land Care Program

**SERVICE AREA:** Greenspace Securement and Management

**PROGRAM AREA:** Greenspace Management

**STAFF LEAD:** Cheriton, Deanna

**REF. NUMBER:** 442-01

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**

Goal #	Goal Description
3	Enhance and preserve green space

**DESCRIPTION & RATIONALE**

The Land Management program aims to conserve and manage lands owned or controlled by TRCA in York Region. This supports Section 9 (1) in O. Reg. 686/21: Mandatory Programs and Services under the Conservation Authorities Act and TRCA's Conservation Areas Strategy. The program delivers the best possible conservation land care and asset management policies and practices in partnership with the community.

**PROPOSED FUNDING**

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	95,000	97,000	99,000	101,000	103,000	400,000
<b>Total:</b>	<b>\$95,000</b>	<b>\$97,000</b>	<b>\$99,000</b>	<b>\$101,000</b>	<b>\$103,000</b>	<b>\$400,000</b>

**PROGRAM/PROJECT NAME:** *Conservation Land Care Program*

## DELIVERABLES

### Category

**Property/Built Structures**

Land and Shoreline Management

### Deliverable

Activities that: secure TRCA interests in its lands; maintain public access & recreation facilities/amenities; make applications/comment on matters under the Planning Act; and conserve, protect, rehabilitate, establish, & manage natural heritage on lands.

Preliminary

## ***Tourism and Recreation***

This service area provides memorable experiences for guests in nature-based settings, which make positive contributions to community health and well-being, while advancing the economic development goals of partner municipalities. Programs include management, maintenance and enhancement of conservation parks and recreation facilities. TRCA delivers these services through leveraging public and private partnerships that focus on community development, tourism and recreational offerings.



***Conservation Parks***



***Waterfront Parks***



***Trails***



***Black Creek Pioneer Village***



***Bathurst Glen Golf Course***



***Events and Festivals***

**PROGRAM/PROJECT NAME:** York Trail Program

**SERVICE AREA:** Tourism and Recreation

**PROGRAM AREA:** Trails

**STAFF LEAD:** Cheriton, Deanna

**REF. NUMBER:** 442-04

**CATEGORY:** One

#### MUNICIPAL STRATEGIC PLAN ALIGNMENT

Goal #	Goal Description
3	Enhance and preserve green space

#### DESCRIPTION & RATIONALE

The Trail Program provides programs and services to maintain trails and related amenities on TRCA lands in York Region that support public access and recreational activities that can be provided without the direct support or supervision of staff employed by TRCA or another person or body. This directly supports Section 9 (1) 2 (ii) in O. Reg. 686/21: Mandatory Programs and Services under the Conservation Authorities Act and TRCA's Conservation Areas Strategy. Delivering the best possible trail asset management practices reduces risks (a core responsibility) ensuring users can access greenspaces safely, securely and enjoy exceptional visitor experiences. This program enables the protection of the assets from natural or human hazards and promotes the responsible use of TRCA lands.

#### PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	162,000	165,000	168,000	171,000	174,000	678,000
<b>Total:</b>	<b>\$162,000</b>	<b>\$165,000</b>	<b>\$168,000</b>	<b>\$171,000</b>	<b>\$174,000</b>	<b>\$678,000</b>

**PROGRAM/PROJECT NAME:** *York Trail Program*

## DELIVERABLES

### Category

**Property/Built Structures**

Land and Shoreline Management

### Deliverable

Trail Management activities to keep TRCA trails in a state of good repair and maximize visitor safety and experience on lands owned or controlled by TRCA, and internal and external trail management consultation, liaison and expert input.

Preliminary

## ***Planning and Development Review***

Planning and Development Review is the administration and implementation of TRCA's legislated and delegated roles and responsibilities in the planning and development approvals process. TRCA's role in this process as a public commenting body, provincially- delegated reviewer for natural hazards, service provider, regulatory authority, resource management agency and landowner is guided by board-approved policies to further the conservation, restoration, development and management of natural resources. These policies are consistent with the requirements of federal, provincial and municipal legislation and incorporate the latest science revealed through TRCA's integrated watershed research to inform municipalities and other approval authorities. TRCA's input in municipal decision making guides growth, redevelopment, revitalization and intensification throughout TRCA's jurisdiction.



***Policy Development and Review***



***Development Planning and Regulation Permitting***



***Environmental Assessment Planning and Permitting***

**PROGRAM/PROJECT NAME:** Regulation and Planning Policy Updates

**SERVICE AREA:** Planning and Development Review

**PROGRAM AREA:** Policy Development and Review

**STAFF LEAD:** Burns, Mary-Ann

**REF. NUMBER:** 120-12

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**

Goal #	Goal Description
2	Support safe communities

**DESCRIPTION & RATIONALE**

This program supports the administration and implementation of TRCA's mandatory plan review and regulatory permitting responsibilities, in accordance with the Conservation Authorities Act and associated regulations. It includes annual updates to Section 28 CA Act Regulation mapping and web-based internal and external mapping to reflect current regulated natural hazard and natural feature information (riverine and shoreline flooding, erosion, wetlands, etc.) and any required public notification. Work also includes updates to TRCA's Policy and Procedure documents, including technical guidelines, checklists, and reporting requirements in response to new or updated legislation, policy, and regulations. This program also supports TRCA's mandatory policy review of comprehensive official plan and zoning by-law reviews and other municipal planning initiatives for consistency with the provincial policy framework for natural hazard management and resilience to urbanization and climate impacts.

**PROPOSED FUNDING**

Municipality	Approved					
	2025	2026	2027	2028	2029	4-Year Forecast
Durham	14,600	14,900	14,900	14,900	14,900	59,600
Peel	54,300	53,900	53,900	53,900	53,900	215,600
Toronto	320,400	320,500	320,500	320,500	320,500	1,282,000
York	110,700	110,700	110,700	110,700	110,700	442,800
<b>Total:</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,000,000</b>

**PROGRAM/PROJECT NAME:** *Regulation and Planning Policy Updates*

## DELIVERABLES

### Category

### Deliverable

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Provide policy advice to TRCA staff reviewing development planning, infrastructure and permitting applications. Provide expert evidence in appeals under the Planning Act and for appeals/hearings/court proceedings under the Conservation Authorities Act.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Prepare TRCA corporate responses to federal consultation or Environmental Registry of Ontario postings of new or amended legislation, policies and strategies affecting TRCA interests, from planning policy and regulatory perspective.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Provide input to municipal comprehensive planning, e.g. OP, Zoning updates, SPA Reviews, policy development informed by technical info, CA planning and regulatory responsibilities with solutions to meet legislation. Public/Council meetings as required.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Monitor & track Minister's Zoning Orders coordinating with TRCA planning and technical staff. Includes tracking process/charts, mapping, attending meetings, preparing reports and presentations. May include commenting on MZOs through the ERO.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Maintain Regulation mapping based on technical information, undertake notification as required, update map products as internal and external screening tools for implementing the regulation and supporting official plan and zoning reviews and updates.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Update and maintain TRCA's Policy and Procedure Documents, including guidelines, checklists, and streamlining protocols, conducting any consultation or notification. Update The Living City Policies in response to new or revised legislation affecting TRCA.



## ***Education and Outreach***

Education and Outreach programs support municipal and provincial objectives for environmental education in schools, build professional capacity and competitiveness in the region's sustainable economic sectors, and engage the broader population to become active in developing healthy, sustainable communities. Formal and non-formal education and training is delivered to develop a culture of life-long learning for residents of all ages at TRCA education centres, academic institutions and in the community



***School Programs***



***Family Programs***



***Newcomer Employment and Education***

## ***Sustainable Communities***

This service area supports municipal efforts to create sustainable communities. Projects and programs are developed to address gaps and to coordinate efforts across the region to increase efficiency, effectiveness and impact of programs. The scope of the service area is broad, encompassing programs that address neighbourhood and sector specific eco- efficiencies (water, energy, waste and GHG emissions), awareness of and need for adaptation to climate change, catalyzing the green economy with sustainable technologies, addressing food security through near urban agriculture, and engaging residents in awareness and sustainability action to foster a caring and involved citizenry.



***Living City Transition Program***



***Community Engagement***



***Social Enterprise Development***

## *Corporate Services*

Corporate Services include financial, administrative and technical services that enable TRCA staff to develop new capacity to efficiently and effectively deliver service area objectives.



*Corporate Management and Governance*



*Financial Management*



*Human Resources*



*Corporate Communications*



*Information Infrastructure and Management*

**PROGRAM/PROJECT NAME:** Major Facilities Retrofit Program

**SERVICE AREA:** Corporate Services

**PROGRAM AREA:** Support Service

**STAFF LEAD:** Schuler, Alexander

**REF. NUMBER:** 006-01

**CATEGORY:** One

#### MUNICIPAL STRATEGIC PLAN ALIGNMENT

Goal #	Goal Description
3	Enhance and preserve green space

#### DESCRIPTION & RATIONALE

Major Facilities Retrofit Program funding allows TRCA to undertake necessary refurbishments and repairs to administrative facilities and includes funding for TRCA's asbestos management plan and the asset management plan.

#### PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	29,200	29,800	29,800	29,800	29,800	119,200
Peel	108,600	107,900	107,900	107,900	107,900	431,600
Toronto	640,900	641,000	641,000	641,000	641,000	2,564,000
York	221,300	221,300	221,300	221,300	221,300	885,200
<b>Total:</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$4,000,000</b>

**PROGRAM/PROJECT NAME:** *Major Facilities Retrofit Program*

**DELIVERABLES**

**Category**

**Property/Built Structures**  
Built Physical Asset Management

**Deliverable**

Complete repairs to TRCA major facilities/assets as required.

**Property/Built Structures**

Built Physical Asset Management

Complete asbestos containing materials abatements and assessments as per TRCA's policy prior to undertaking any renovations or emergency repairs (one to two (1-2) facilities per year).

Preliminary

**PROGRAM/PROJECT NAME:** Office Accommodation Financing

**SERVICE AREA:** Corporate Services

**PROGRAM AREA:** Support Service

**STAFF LEAD:** Haight, Taryne

**REF. NUMBER:** 006-50

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**

Goal #	Goal Description
4	Deliver fiscally sustainable services

**DESCRIPTION & RATIONALE**

The new Administrative Office building is located on the property of TRCA's former head office at 5 Shoreham Drive. TRCA's new Administrative building will meet Leadership in Energy and Environmental Design (LEED) Platinum certification version 4, WELL v2 Building Certification Silver, Zero Carbon ready and Toronto Green Standards Level 2. In addition to sound environmental design, the four (4) story, 87,000 square foot building will act as a catalyst to the revitalization of the Black Creek community (a City of Toronto Neighborhood Improvement Area).

**PROPOSED FUNDING**

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	42,371	42,371	42,371	42,371	42,371	169,484
Peel	163,700	162,829	162,829	162,829	162,829	651,316
Toronto	962,000	962,500	962,500	962,500	962,500	3,850,000
York	332,000	332,300	332,300	332,300	332,300	1,329,200
<b>Total:</b>	<b>\$1,500,071</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$6,000,000</b>

**PROGRAM/PROJECT NAME:** *Office Accommodation Financing***DELIVERABLES****Category**

Property/Built Structures  
Built Physical Asset Management

**Deliverable**

Funding for financing of new administration office.

Preliminary

**PROGRAM/PROJECT NAME:** Information Technology Replacement Program

**SERVICE AREA:** Corporate Services

**PROGRAM AREA:** Information Infrastructure and Management

**REF. NUMBER:** 014-01

**STAFF LEAD:** McKnight, Mark

**CATEGORY:** One

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal #      Goal Description**

4      Deliver fiscally sustainable services

**DESCRIPTION & RATIONALE**

TRCA Information Technology Replacement Program is focused on the continuous modernization of technology services across the organization. It supports a complex business landscape for TRCA divisions and programs, encompassing urban and rural challenges across the jurisdiction. TRCA's digital transformation consists of identifying strategies and approaches that will meet the needs of the organization for the future. It will focus on an enterprise approach to modernizing technologies, leveraging cloud and managed services, and building a sustainable approach to managing TRCA's information technology assets.

**PROPOSED FUNDING**

<b>Municipality</b>	<b>Approved 2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>4-Year Forecast</b>
Durham	14,600	14,900	14,900	14,900	14,900	59,600
Peel	54,300	53,900	53,900	53,900	53,900	215,600
Toronto	320,400	320,500	320,500	320,500	320,500	1,282,000
York	110,700	110,700	110,700	110,700	110,700	442,800
<b>Total:</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,000,000</b>



**PROGRAM/PROJECT NAME:** *Information Technology Replacement Program*

## DELIVERABLES

### Category

#### Corporate Services

Information Management

### Deliverable

Support digital transformation initiatives and developing organizational capabilities to adopt and leverage technologies to improve their operations.

#### Corporate Services

Information Management

Deliver the IT Asset Management Program to maintain the lifecycle of TRCA enterprise technology assets through acquisitions, upgrades, replacements.

Preliminary

## ***Watershed Studies and Strategies***

This service area includes studies and strategies that provide comprehensive, integrated watershed policy development and technical direction to TRCA service areas and partner municipalities. Main program areas include reporting on the health of TRCA watersheds and Lake Ontario waterfront, analysis of the impacts of urban growth and climate change effects, and the development of strategies to maintain and improve watershed and waterfront health.



***Watershed Planning and Reporting***



***Climate Science***

Preliminary

**PROGRAM/PROJECT NAME:** Climate Action Plan - York Region

**SERVICE AREA:** Land Securement and Management

**PROGRAM AREA:** Rental Properties

**STAFF LEAD:** Gaetz, Noah

**REF. NUMBER:** 450-01

**CATEGORY:** Two

### MUNICIPAL STRATEGIC PLAN ALIGNMENT

Goal #	Goal Description
2	Protect and promote residents' well-being
3	Enhance and preserve green space

### DESCRIPTION & RATIONALE

The Climate Action Plan program supports York Region's efforts to build resilience to the impacts of climate change. The program helps York Region identify, assess, and manage climate risks across natural and built systems. Key activities include assessing climate hazards and vulnerabilities, developing and prioritizing adaptation actions, monitoring progress, and refining approaches based on emerging science, data, and stakeholder input. The program fosters continuous learning and collaboration to ensure York Region remains adaptive and prepared for future climate challenges.

### PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	-	40,000	41,000	42,000	43,000	166,000
<b>Total:</b>	<b>\$0</b>	<b>\$40,000</b>	<b>\$41,000</b>	<b>\$42,000</b>	<b>\$43,000</b>	<b>\$166,000</b>

**PROGRAM/PROJECT NAME:** *Climate Action Plan - York Region*

## DELIVERABLES

### Category

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

### Deliverable

Mobilize knowledge and engage stakeholders in climate action (e.g., presentations at conferences, sharing studies/data with municipal staff, engaging with working groups).

#### Knowledge Generation and Sharing

Primary Research

Initiate the phytoremediation project with York Region near Lake Wilcox.

Preliminary

## ***Water Risk Management***

This service area encompasses the strategic management of water resources, based on physical sciences and applied engineering (hydrology, hydraulics, fluvial geomorphology, hydrogeology and environmental science) through an understanding of water's natural processes, features and functions within the urban landscape. Core activities include environmental and hydrometric monitoring and research; developing state of the science technologies for modeling and flood forecasting; hazard management of erosion sites, unstable slopes and flood vulnerable areas. These activities are critical to reducing risk to life and property. The entire hydrologic cycle is included in this service area, from rainfall to runoff to its outlet at Lake Ontario and all of the processes in between.



***Water Resource Science***



***Flood Management***



***Erosion Management***

**PROGRAM/PROJECT NAME:** Stormwater Pond Maintenance

**SERVICE AREA:** Water Risk Management

**PROGRAM AREA:** Water Resource Science

**STAFF LEAD:** Stille, John

**REF. NUMBER:** 107-14

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal # Goal Description**

- 2 Protect and promote residents' well-being
- 3 Deliver and promote environmentally sustainable services

**DESCRIPTION & RATIONALE**

The Regional Municipality of York has approximately 375 stormwater management ponds (SWMPs), of which the majority are operated and maintained by lower tier municipalities. The management and maintenance of SWMPs has become a growing concern, as the cost and technical feasibility of maintaining them is highly variable; there is a lack of understanding around SWMP location, age, maintenance, and no central repository for data. Many of the SWMPs within the Region have never been maintained, and many are nearing or have reached their maximum sediment capacity. This will reduce their ability to provide the water quality treatment and stormwater detention that protects the surrounding natural environment from flooding and erosion. Measurable improvement to downstream water quality and flooding can be achieved through regular maintenance and retrofitting of SWMPs within the Region. TRCA is currently working with municipalities in its jurisdiction on maintenance and clean-outs, and would like to manage SWMP maintenance, especially in or adjacent to natural or sensitive areas, at a watershed level that is consistent across municipalities within the Region. This maintenance involves working with relevant staff at the municipal and regional level to properly inventory, collect data, and manage a program that targets both required regular maintenance and strategic retrofit improvements. Given the establishment of a prioritized maintenance and clean-out program, there is an opportunity to leverage this funding to maintain SWMPs within the Region using an appropriate cost recovery system.

**PROPOSED FUNDING**

<b>Municipality</b>	<b>Approved 2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>4-Year Forecast</b>
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	50,000	51,000	52,000	53,000	54,000	210,000
<b>Total:</b>	<b>\$50,000</b>	<b>\$51,000</b>	<b>\$52,000</b>	<b>\$53,000</b>	<b>\$54,000</b>	<b>\$210,000</b>

**PROGRAM/PROJECT NAME:** *Stormwater Pond Maintenance*

## DELIVERABLES

### Category

#### Property/Built Structures

Built Physical Asset Management

### Deliverable

Assist York municipalities with storm water maintenance and assessments (clean-out plans). Services include asset management maintenance, upgrades/retrofits, bathymetric surveys, sediment quality and quantity analysis, costing, and work planning.

#### Hazard Management

Flood

Develop cost recovery partnerships with the Region or lower tier municipalities for ongoing SWMP cleanout plans, maintenance or dredging.

Preliminary

**PROGRAM/PROJECT NAME:** Watershed Erosion Monitoring and Maintenance Program

**SERVICE AREA:** Water Risk Management

**PROGRAM AREA:** Erosion Management

**STAFF LEAD:** Wolfram, Phil

**REF. NUMBER:** 189-15

**CATEGORY:** Two

## MUNICIPAL STRATEGIC PLAN ALIGNMENT

### Goal # Goal Description

3 Deliver and promote environmentally sustainable services

## DESCRIPTION & RATIONALE

Since 2011, TRCA has been monitoring and assessing 500+ water and wastewater infrastructure hazard sites on behalf of the Regional Municipality of York (YR) under the Streambank Infrastructure Erosion Control Management Program, a Category 2 - Municipality Requested service. Information is collected and stored in TRCA's Stream Erosion and Infrastructure Database that provides YR and other TRCA partners with access to information about their sites. The program provides annual reporting to YR with a recommended priority list to assist the Region with its capital budgeting of remedial works. As of 2014, YR requested that TRCA expand its monitoring program to include the planning, design and construction of remedial and major maintenance works to protect their top priority infrastructure sites. With the current funding available, TRCA is able to plan multiple projects in parallel and typically undertakes one to five repair projects each year depending on the cost per project.

## PROPOSED FUNDING

Municipality	Approved					
	2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	657,000	1,577,000	2,099,000	1,472,000	913,000	6,061,000
<b>Total:</b>	<b>\$657,000</b>	<b>\$1,577,000</b>	<b>\$2,099,000</b>	<b>\$1,472,000</b>	<b>\$913,000</b>	<b>\$6,061,000</b>



**PROGRAM/PROJECT NAME:** *Watershed Erosion Monitoring and Maintenance Program*

## DELIVERABLES

### Category

### Deliverable

**Hazard Management**  
Erosion

Complete implementation of Rainbow Creek Bridge Removal Project

**Hazard Management**  
Erosion

Complete implementation of South Richvale P-103 Project.

**Hazard Management**  
Erosion

Conduct depth of cover topographic surveys of at least 30 infrastructure hazard sites in 2026.

**Hazard Management**  
Erosion

Complete Reach-based Erosion Assessment & Characterization for Hazard Mapping along pilot reaches of the Rouge River for impacts to York Region Public Works assets. Share results and coordinate opportunities with adjacent municipal asset owners.

**Hazard Management**  
Erosion

Complete infrastructure hazard monitoring and erosion control structure monitoring impacting York Region Public Work assets. It is estimated 428 inspections will be completed in 2026.

**Hazard Management**  
Erosion

Complete approvals and tendering for Beverley Acres German Mills Creek Erosion Control Project.

**Hazard Management**  
Erosion

Conduct post-construction regulatory monitoring and reporting for Patterson Creek near Richvale Community Centre Project

Category	Deliverable
<b>Hazard Management</b> Erosion	Complete design and approvals for the German Mills Creek near Steeles (Site 4) Project.
<b>Hazard Management</b> Erosion	Complete post-construction regulatory reporting for German Mills Settlers Park Sites 2/3 Project.

Preliminary

## ***Regional Biodiversity***

This service area includes programs, projects and activities that together create a comprehensive and integrated approach to regional biodiversity and ecosystem management. Main activities include monitoring of ecological conditions and ecosystem trends, ecosystem planning and research, habitat restoration and regeneration, and management of existing regional biodiversity. The result of this work demonstrates the benefit biodiversity provides to community and human well-being.



***Ecosystem Management Research and Directions***



***Biodiversity Monitoring***



***Restoration and Regeneration***



***Forest Management***

**PROGRAM/PROJECT NAME:** Aquatic Ecosystem Science Program

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Ecosystem Management Research and Directions

**REF. NUMBER:** 120-62

**STAFF LEAD:** Gaetz, Noah

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal # Goal Description**

2 Protect and promote residents' well-being

**DESCRIPTION & RATIONALE**

This program provides required evidence and expertise on aquatic ecosystem science and management to support TRCA and partner municipality objectives for a resilient aquatic ecosystem. Short and long-term initiatives to translate the latest advancements in science, policy, and practice to help implement current strategies, plans, and policies. Given the integrated nature of aquatic ecosystems, this program focuses on understanding and informing water management, ecohydrology, and aquatic ecosystem health more broadly as well as stated within municipal Official Plans, provincial policy, guidelines and resource plans. The scope of the program is set by the needs and priorities of the Fisheries Management Plans, Watershed Plans, Natural Heritage Systems, municipal Official Plans, and municipal climate change and biodiversity strategies as well as climate adaptation plans. This program delivers its service through aquatic ecosystem science, research, and management directions; including leading priority research projects, informing strategic directions, providing technical expertise, serving on working groups, assisting with obtaining necessary approvals or permits, presenting at or hosting conferences or other communication forums, developing research and funding collaborations with other agencies, academia, and practitioners. With an integrated approach that explicitly incorporates the interconnectedness between aquatic ecosystems and the broader landscape, this program provides the comprehensive evidence-based support required for aquatic ecosystem management as land use and climate continue to change within the region.

**PROPOSED FUNDING**

<b>Municipality</b>	<b>Approved 2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>4-Year Forecast</b>
Durham	40,000	41,000	42,000	43,000	44,000	170,000
Peel	40,000	41,000	42,000	43,000	44,000	170,000
Toronto	40,000	41,000	42,000	43,000	44,000	170,000
York	40,000	41,000	42,000	43,000	44,000	170,000
<b>Total:</b>	<b>\$160,000</b>	<b>\$164,000</b>	<b>\$168,000</b>	<b>\$172,000</b>	<b>\$176,000</b>	<b>\$680,000</b>

**PROGRAM/PROJECT NAME:** *Aquatic Ecosystem Science Program*

## DELIVERABLES

### Category

### Deliverable

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Support the development and assessment of the monitoring review whereas it supports initiatives such as land use and watershed planning. This will include reviews of aquatic ecosystem, water quality, and water quantity monitoring programs.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Continue to develop and work towards a biodiversity assessment and prioritization tool for the TRCA jurisdiction. This will assess both the largest stressors of land use and climate impacts to better strategically allocate resources to ensure biodiversity persistence in the region.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Communicate and disseminate TRCA generated and facilitated aquatic ecosystem science knowledge internally and externally through (i) social media and blog posts, (ii) knowledge sharing platform, (iii) TRCA website, (iv) workshops and conferences, and (v) grey and peer-review publications.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Support update and implementation water resource system mapping tools and data layers that provide up to date science and inform the management of natural resources. This includes policy layers and the mapping of new screening layers, such as seepage areas and springs and headwater drainage features. This supports municipalities with Municipal Comprehensive Reviews, watershed planning, development planning processes, and others.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Support development and implementation of the TRCA Research Agenda as it pertains to guiding the research needs for aquatic ecosystems within the broader context of climate and land use change. This includes the engagement and communication of TRCA agenda and research projects to explore synergies with partners for shared outcomes/products.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Continue to advance the aquatic ecosystem science program and projects by developing robust partnerships with municipalities, conservation authorities, academics, NGOs, provincial ministries, and other partners to undertake required applied research and advance TRCA strategic priorities.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Provide guidance, technical expertise, and expert advice to TRCA internal groups, municipalities and other partners to develop, inform and implement new and existing strategies, plans, programs, and guidance documents related to aquatic ecosystem science and management (e.g., barrier removal, eco-hydrology, water resource systems, restoration planning, watershed planning, land use planning, Municipal Comprehensive Reviews).

**PROGRAM/PROJECT NAME:** Terrestrial Ecosystem Science Program

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Ecosystem Management Research and Directions

**REF. NUMBER:** 104-23

**STAFF LEAD:** Gaetz, Noah

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal #      Goal Description**

3      Enhance and preserve green space

**DESCRIPTION & RATIONALE**

Urbanization and climate change are placing increasing pressure on terrestrial ecosystems and the vital benefits they offer to human well-being. This program provides essential science-based evidence and expertise on ecosystem management to support TRCA and its partner municipalities in their pursuit of healthy, resilient ecosystems. Both short- and long-term projects within the program apply the latest advancements in science, policy, and practice to develop and implement strategies, policies, plans, and programs. Key focus areas include understanding and managing the impacts of urbanization and climate change on ecosystems and their services, identifying context-specific solutions to mitigate these impacts, and creating tools and guidance documents. Engaging TRCA partners to implement these solutions is critical across the region. Services are delivered through applied research, tool development, data analysis, and technical expertise, including workshops and conferences.

**PROPOSED FUNDING**

Municipality	Approved					4-Year Forecast
	2025	2026	2027	2028	2029	
Durham	40,000	41,000	42,000	43,000	44,000	170,000
Peel	40,000	41,000	42,000	43,000	44,000	170,000
Toronto	40,000	41,000	42,000	43,000	44,000	170,000
York	40,000	41,000	42,000	43,000	44,000	170,000
<b>Total:</b>	<b>\$160,000</b>	<b>\$164,000</b>	<b>\$168,000</b>	<b>\$172,000</b>	<b>\$176,000</b>	<b>\$680,000</b>

**PROGRAM/PROJECT NAME:** *Terrestrial Ecosystem Science Program*

## DELIVERABLES

### Category

### Deliverable

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Support the development, assessment, and implementation of the monitoring review that will support watershed planning exercises. This will focus on how we will collect flora and fauna data within the jurisdiction. This includes data both in natural (e.g. conservation lands) and urban areas (e.g. urban forests).

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Continue to develop and work towards a biodiversity assessment and future prioritization tool for the TRCA jurisdiction. This will assess both the largest stressors of land use and climate impacts to better strategically allocate resources to ensure biodiversity persistence in the region through implementation work (restore, enhance, and protect).

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Communicate and disseminate TRCA generated and facilitated terrestrial ecosystem science knowledge internally and externally through (i) social media and blog posts, (ii) knowledge sharing platform, (iii) TRCA website, (iv) workshops and conferences, and (v) grey and peer-review publications.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Support the continued update and implementation natural heritage system mapping tools and data layers that provide up to date science and inform the management of natural resources. This includes policy layers and the mapping of new screening layers within the TRCA jurisdiction. This supports municipalities with municipal comprehensive reviews, official plans, watershed planning, development planning processes, and others.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Support development and implementation of the TRCA Research Agenda as it pertains to guiding the research needs for terrestrial ecosystems within the broader context of climate and land use change. This includes the engagement and communication of TRCA agenda and research projects to explore synergies with partners for shared outcomes/products.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Develop active applied research partnerships with partner municipalities, Conservation Authorities, academics, and other government and non-government partners to secure research funding and undertake priority research to advance terrestrial ecosystem science, policy, and practice.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Provide technical support, expert advice, and general guidance to TRCA groups, municipalities and other partners (through analysis, reviews, working groups, meetings etc.) to develop, inform and implement new and existing strategies, plans, programs, and guidelines related to terrestrial ecosystem science and management (e.g., natural heritage, urban forest, SNAPs, compensation, green infrastructure, ecosystem services, restoration, and land use/infrastructure planning).

Category	Deliverable
<b>Knowledge Generation and Sharing</b> Primary Research	Continue to develop ecosystem service assessments and asset management guidance throughout TRCA's jurisdiction. Assessing benefits and services provided by green infrastructure will help strategically allocate resources to ensure green infrastructure is maintained and enhanced across the region.

Preliminary



**PROGRAM/PROJECT NAME:** Terrestrial Natural Heritage Field Inventory Program

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Biodiversity Monitoring

**STAFF LEAD:** Hayes, Sue

**REF. NUMBER:** 104-22

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal #      Goal Description**

3      Enhance and preserve green space

**DESCRIPTION & RATIONALE**

Terrestrial biological field inventories are conducted on an annual basis to support TRCA projects and programs as well as external partners in the delivery of their projects. There is a need to have scientifically defensible and up to date information for the protection of terrestrial biodiversity. These data sets are used to support various modeling exercises such as at the Natural Heritage Systems Strategy, to set habitat restoration priorities, and for proper alignment of trail systems. This program aims to provide relevant and useful data on the terrestrial natural heritage and to disseminate these data to both internal and external partners.

**PROPOSED FUNDING**

<b>Municipality</b>	<b>Approved 2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>4-Year Forecast</b>
Durham	70,000	72,000	74,000	76,000	78,000	300,000
Peel	70,000	72,000	74,000	76,000	78,000	300,000
Toronto	70,000	72,000	74,000	76,000	78,000	300,000
York	70,000	72,000	74,000	76,000	78,000	300,000
<b>Total:</b>	<b>\$280,000</b>	<b>\$288,000</b>	<b>\$296,000</b>	<b>\$304,000</b>	<b>\$312,000</b>	<b>\$1,200,000</b>

**PROGRAM/PROJECT NAME:** *Terrestrial Natural Heritage Field Inventory Program*

## DELIVERABLES

### Category

#### Natural Environment

Environmental Monitoring

### Deliverable

Conduct terrestrial biological inventories (mapping of vegetation communities, vascular plants, breeding birds and amphibians) across TRCA Jurisdiction.

#### Knowledge Generation and Sharing

Product

Write seven to ten (7-10) biological inventory and assessment reports and / or technical memos where required.

#### Knowledge Generation and Sharing

Product

Incorporate quality checked biological inventory data into corporate Geographic Information System databases (3 in total) to ensure data is easily accessible to internal and external partners.

#### Knowledge Generation and Sharing

Product

Update and provide internal and external clients three reports on the annual scores and ranks for the regional species (flora and fauna) and vegetation communities of conservation concern.

**PROGRAM/PROJECT NAME:** Stream Crossing Guidelines Development Project

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Ecosystem Management Research and Directions

**REF. NUMBER:** 107-23

**STAFF LEAD:** Gaetz, Noah

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal #      Goal Description**

3      Enhance and preserve green space

**DESCRIPTION & RATIONALE**

This program provides knowledge, monitoring, and recommendations to guide road ecology mitigation infrastructure and road/rail crossings over valley and stream corridors, which supports natural heritage goals like reducing flooding, erosion, and habitat fragmentation. A key focus is evaluating mitigation infrastructure, such as fencing and ecopassages, to reduce wildlife road mortality and human-vehicle collisions. The project develops guidelines and tools for public and private proponents, supported through engagement opportunities like workshops and monitoring. Key activities include research to validate the effectiveness of mitigation measures, support for implementing guidelines in planning and design, and adaptive management to refine guidelines over time. Collaboration with municipal partners, private proponents, and academic researchers ensures effective implementation, while assessing the environmental impacts of valley and stream crossings in TRCA watersheds.

**PROPOSED FUNDING**

Municipality	Approved	2026	2027	2028	2029	4-Year Forecast
	2025					
Durham	-	-	-	-	-	-
Peel	83,000	85,000	88,000	91,000	94,000	358,000
Toronto	-	-	-	-	-	-
York	39,000	40,000	41,000	42,000	43,000	166,000
<b>Total:</b>	<b>\$122,000</b>	<b>\$125,000</b>	<b>\$129,000</b>	<b>\$133,000</b>	<b>\$137,000</b>	<b>\$524,000</b>

**PROGRAM/PROJECT NAME:** *Stream Crossing Guidelines Development Project*

## DELIVERABLES

### Category

### Deliverable

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Communicate and disseminate TRCA generated and facilitated road ecology science knowledge internally and externally through (i) social media and blog posts, (ii) knowledge sharing platform, (iii) TRCA website, (iv) workshops and conferences, and (v) grey and peer-review publications.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Assess aquatic barriers and valley and stream corridor crossings by collecting field data to inform risk and impact assessment during EA planning, restoration planning, and watershed planning processes. Assess barrier removal effectiveness and outcomes related to restoration works. Specifically, assessing the benefits (e.g., connectivity) and how they trade off with potential consequences (e.g. invasives).

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Provide guidance and expert advice to internal TRCA staff, municipalities, and other partners in support of the implementation of the TRCA Crossings Guideline for Valley and Stream Corridors (2015) for TRCA and municipal initiatives including various restoration, land-use, infrastructure, and watershed planning processes (e.g. GTA West, ON Line, Stouffville Road, Heart Lake Road, Etobicoke and Humber Watershed Plan).

#### Knowledge Generation and Sharing

Primary Research

Build and facilitate research partnerships with the academic, municipal, and non-municipal partners to inform mitigation planning and monitor effectiveness of the implemented mitigation measures.

#### Knowledge Generation and Sharing

Primary Research

Undertake deep-dive analysis of wildlife movement, habitat connectivity, and mitigation measures (eco-passage and fencing) effectiveness at pilot sites in Peel and York Region to inform future infrastructure and road ecology projects (e.g. Heart Lake Road, Gore Road, Stouffville Road, Major Mackenzie Drive and Nashville Conservation Area).

#### Knowledge Generation and Sharing

Co-lead the development of a road ecology mitigation infrastructure catalogue with CVC. This service will provide examples of solutions to managers and practitioners in an online Wiki format to support partners and interested stakeholders.

**PROGRAM/PROJECT NAME:** Monitoring for Biodiversity

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Biodiversity Monitoring

**STAFF LEAD:** Wallace, Angela

**REF. NUMBER:** 124-81

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**

Goal #	Goal Description
3	Enhance and preserve green space

**DESCRIPTION & RATIONALE**

CATEGORY 2 BIODIVERSITY ACTIVITIES. The Regional Watershed Monitoring Program (RWMP) is an ongoing program developed by TRCA and its partners to provide a comprehensive, integrated and coordinated approach to environmental monitoring within TRCA's watersheds. This monitoring builds on the existing local and project-specific monitoring efforts of TRCA and their partners and is one of the key programs to assess, catalogue and report on the state, condition and trends in terrestrial and aquatic biodiversity throughout TRCA's jurisdiction. The RWMP activities included in TRCA's Regional Biodiversity Service Area include monitoring sites assessed on an annual or rotational basis that provide insight on the effects of regional urbanization on terrestrial and aquatic habitat, species and communities. Results from this work, in combination with comparable site specific monitoring undertaken at development and restoration project sites, guide greenspace acquisition, restoration planning, and management strategies to ensure continued biodiversity and regional ecosystem stability.

**PROPOSED FUNDING**

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	85,000	88,000	91,000	94,000	97,000	370,000
Peel	135,000	139,000	143,000	147,000	151,000	580,000
Toronto	135,000	139,000	143,000	147,000	151,000	580,000
York	95,000	98,000	101,000	104,000	107,000	410,000
<b>Total:</b>	<b>\$450,000</b>	<b>\$464,000</b>	<b>\$478,000</b>	<b>\$492,000</b>	<b>\$506,000</b>	<b>\$1,940,000</b>

**PROGRAM/PROJECT NAME:** *Monitoring for Biodiversity*

## DELIVERABLES

### Category

### Deliverable

#### Program/Project Administration

General Management

Provide ongoing general project management to the Regional Watershed Monitoring Program including supervision of work planning, budgeting, health and safety, and human resources.

#### Natural Environment

Environmental Monitoring

Collect monitoring data for forest vegetation plots, wetland vegetation plots, forest bird plots, wetland bird plots, and amphibian stations.

#### Natural Environment

Environmental Monitoring

Monitor up to 30 sites for West Nile Virus vector mosquito larvae.

#### Natural Environment

Environmental Monitoring

Collect benthic macroinvertebrate community data at up to 75 sites

#### Natural Environment

Environmental Monitoring

Collect fish community data at up to 40 sites. Site locations TBD after RWMP review completed in 2024.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Compile and analyze data in support of updates to TRCA's Watershed and Ecosystems Reporting Hub and/or Conservation Ontario Watershed Report Card/watershed reporting process, as required.

#### Knowledge Generation and Sharing

Process - Review, participation, and/or contribution

Facilitate data sharing with partners and stakeholders through the development, update and maintenance of relational databases and support the maintenance and further development of TRCA's Open Data System.

**PROGRAM/PROJECT NAME:** Canada Goose Management Program

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Restoration and Regeneration

**STAFF LEAD:** McDonald, Karen

**REF. NUMBER:** 114-32

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**

Goal #	Goal Description
3	Enhance and preserve green space

**DESCRIPTION & RATIONALE**

Canada Geese in urban areas often result in conflicts including concerns about aesthetics, excessive droppings, vegetation damage, beach fouling, public safety concerns and water quality. The Canada Goose Management Program works with the Canadian Wildlife Service and our municipal partners to manage urban geese. Management activities include population monitoring, goose banding, reproduction control measures, habitat manipulation, and live relocation of geese out of the GTA to reduce conflicts. TRCA provides technical support through the Greater Toronto Goose Advisory Committee.

**PROPOSED FUNDING**

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	48,000	49,000	50,000	52,000	54,000	205,000
Toronto	41,000	42,000	43,000	44,000	45,000	174,000
York	15,000	15,000	15,000	15,000	15,000	60,000
<b>Total:</b>	<b>\$104,000</b>	<b>\$106,000</b>	<b>\$108,000</b>	<b>\$111,000</b>	<b>\$114,000</b>	<b>\$439,000</b>

**PROGRAM/PROJECT NAME:** *Canada Goose Management Program*

## DELIVERABLES

### Category

### Deliverable

#### Natural Environment

Habitat Management and Restoration

Carry out goose relocations at selected parklands within the City of Toronto, Regional Municipality of Peel and Regional Municipality of York.

#### Natural Environment

Habitat Management and Restoration

Work in collaboration with the Canadian Wildlife Service to track selected Canada Geese through banding studies that they lead.

#### Natural Environment

Habitat Management and Restoration

Manage the reproduction of nesting Canada Geese at sites within the City of Toronto, Regional Municipality of Peel and Regional Municipality of York.

Preliminary



**PROGRAM/PROJECT NAME:** Habitat for Wildlife Program

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Restoration and Regeneration

**STAFF LEAD:** Mcdonald, Karen

**REF. NUMBER:** 114-35

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**

Goal #	Goal Description
3	Enhance and preserve green space

**DESCRIPTION & RATIONALE**

This program returns essential habitats to the landscape to allow native wildlife to complete their life history strategies including breeding, rearing young and overwintering, and helps to encourage a healthy food web. Examples of essential habitats include: bird nest boxes, turtle basking logs and stones, turtle nest mounds, salamander boards, common tern reef rafts, red-necked grebe nest platforms, snake hibernacula, bat boxes, mammal dens and woody habitat piles. Increased community awareness and appreciation of wildlife and nature is also enabled by this program, as essential wildlife habitats are frequently located within publicly accessible areas where they are interpreted by TRCA staff and nature groups. This program/project addresses the core mandate of conserve, protect, rehabilitate, establish, and manage natural heritage and natural hazards located within the lands owned or controlled by TRCA and may also undertake services on non-TRCA owned/controlled land.

**PROPOSED FUNDING**

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	20,000	21,000	22,000	23,000	24,000	90,000
Toronto	14,000	14,000	15,000	15,000	15,000	59,000
York	15,000	15,000	15,000	15,000	15,000	60,000
<b>Total:</b>	<b>\$49,000</b>	<b>\$50,000</b>	<b>\$52,000</b>	<b>\$53,000</b>	<b>\$54,000</b>	<b>\$209,000</b>

**PROGRAM/PROJECT NAME:** *Habitat for Wildlife Program*

## DELIVERABLES

### Category

### Deliverable

#### Program/Project Administration

Program/Project Management

Identify and apply for other grant funding to leverage existing capital budget to enhance deliverables.

#### Natural Environment

Habitat Management and Restoration

Install/maintain or monitor approximately 25 wildlife nesting boxes and or other essential wildlife habitat.

#### Hazard Management

Flood

Address wildlife conflict issues - approximately 30+ calls/emails annually assisting partner municipalities, concerned community residences and the general public with the understanding and awareness of wildlife.

**PROGRAM/PROJECT NAME:** Sustainable Technologies Evaluation Program- Water, Air, Energy

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Restoration and Regeneration

**STAFF LEAD:** Stille, John

**REF. NUMBER:** 111-90

**CATEGORY:** Two

## MUNICIPAL STRATEGIC PLAN ALIGNMENT

Goal #	Goal Description
3	Enhance and preserve green space

## DESCRIPTION & RATIONALE

The Sustainable Technologies Evaluation Program (STEP) is a multi-agency initiative developed to support broader implementation of sustainable technologies and practices within a Canadian context. STEP works to achieve this overarching objective by: (i) Carrying out research, monitoring and evaluation of clean water and low carbon technologies, (ii) Assessing technology implementation barriers and opportunities, (iii) Developing supporting tools, guidelines and policies, (iv) Delivering education and training programs, (v) Advocating for effective sustainable technologies and (vi) Collaborating with academic and industry partners through our Living Labs and other initiatives. Technologies evaluated under STEP are not limited to physical devices or products; they may also include preventative measures, implementation protocols, alternative urban site designs, and other innovative practices that help create more sustainable and livable communities.

## PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	43,000	44,000	45,000	46,000	47,000	182,000
<b>Total:</b>	<b>\$43,000</b>	<b>\$44,000</b>	<b>\$45,000</b>	<b>\$46,000</b>	<b>\$47,000</b>	<b>\$182,000</b>

**PROGRAM/PROJECT NAME:** *Sustainable Technologies Evaluation Program- Water, Air, Energy*

## DELIVERABLES

### Category

### Deliverable

#### Program/Project Administration

Program/Project Management

Identify and seek opportunities to leverage new partnerships and funding to enhance existing or initiate new projects

#### Natural Environment

Habitat Management and Restoration

Prioritize and select wetland restoration projects throughout York based on TRCA's IRP and ROP. After selection of an appropriate site, anticipate the completion of approximately 0.20 hectares of wetland restoration area.

#### Natural Environment

Environmental Monitoring

Complete two (2) Rapid Restoration Assessments on past wetland restoration projects sites to monitor for Key Performance Indicators. Sites to vary every year based on age of projects.

Preliminary

**PROGRAM/PROJECT NAME:** Stream Crossing Guidelines Development Project

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Restoration and Regeneration

**STAFF LEAD:** Stille, John

**REF. NUMBER:** 111-91

**CATEGORY:** Two

### MUNICIPAL STRATEGIC PLAN ALIGNMENT

Goal #	Goal Description
3	Enhance and preserve green space

### DESCRIPTION & RATIONALE

This program provides knowledge, monitoring, and recommendations to guide road ecology mitigation infrastructure and road/rail crossings over valley and stream corridors, which supports natural heritage goals like reducing flooding, erosion, and habitat fragmentation. A key focus is evaluating mitigation infrastructure, such as fencing and ecopassages, to reduce wildlife road mortality and human-vehicle collisions. The project develops guidelines and tools for public and private proponents, supported through engagement opportunities like workshops and monitoring. Key activities include research to validate the effectiveness of mitigation measures, support for implementing guidelines in planning and design, and adaptive management to refine guidelines over time. Collaboration with municipal partners, private proponents, and academic researchers ensures effective implementation, while assessing the environmental impacts of valley and stream crossings in TRCA watersheds.

### PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	43,000	44,000	45,000	46,000	47,000	182,000
<b>Total:</b>	<b>\$43,000</b>	<b>\$44,000</b>	<b>\$45,000</b>	<b>\$46,000</b>	<b>\$47,000</b>	<b>\$182,000</b>

**PROGRAM/PROJECT NAME:** *Stream Crossing Guidelines Development Project*

**DELIVERABLES**

**Category**

**Deliverable**

**Program/Project Administration**

Identify and seek opportunities to leverage new partnerships and funding to enhance existing or initiate new projects

Program/Project Management

**Natural Environment**

Restore riparian habitat within the Regional Municipality of York. Complete either 200m of riparian habitat through plantings or 20m of stream restoration or barrier removal.

Habitat Management and Restoration

**Natural Environment**

Complete two (2) Rapid Restoration Assessments on past riparian restoration projects sites to monitor for Key Performance Indicators.

Habitat Management and Restoration

Preliminary

**PROGRAM/PROJECT NAME:** Terrestrial Restoration -Watershed

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Restoration and Regeneration

**STAFF LEAD:** Stille, John

**REF. NUMBER:** 111-92

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**

Goal #	Goal Description
3	Enhance and preserve green space

**DESCRIPTION & RATIONALE**

Focusing on the rehabilitation of riparian areas of intermittent streams, wetlands and woodlands within the Rouge watershed. In 2013, TRCA completed development of the Rouge Watershed Restoration Opportunities Plan and began delineation of potential project sites. Project sites will focus on the key areas of riparian, tertiary stormwater and upland areas including forests and meadows. This strategic implementation of projects will improve the success of watershed restoration efforts, meet the restoration objectives of partner agencies (non-governmental organizations, municipalities), and provide a critical mass of activities showcasing the significance and local impact of habitat restoration. This program/project may address the core mandate of conserve, protect, rehabilitate, establish, and manage natural heritage located within the lands owned or controlled by TRCA and may also undertake services on non-TRCA owned/controlled land (e.g. municipal owned lands or private lands).

**PROPOSED FUNDING**

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	43,000	44,000	45,000	46,000	47,000	182,000
<b>Total:</b>	<b>\$43,000</b>	<b>\$44,000</b>	<b>\$45,000</b>	<b>\$46,000</b>	<b>\$47,000</b>	<b>\$182,000</b>

**PROGRAM/PROJECT NAME:** *Terrestrial Restoration -Watershed*

## DELIVERABLES

### Category

### Deliverable

#### Program/Project Administration

Program/Project Management

Identify and seek opportunities to leverage new partnerships and funding to enhance existing or initiate new projects

#### Natural Environment

Habitat Management and Restoration

Complete two (2) Rapid Restoration Assessments on past forest/meadow restoration projects sites to monitor for Key Performance Indicators.

#### Natural Environment

Habitat Management and Restoration

Restore/plant 0.25 ha (0.1ha if restoring meadow) of terrestrial habitat or riparian and wetland plantings to further support other restoration efforts within York Region.

Preliminary



**PROGRAM/PROJECT NAME:** Private Land Stewardship: Tree & Shrub Program

**SERVICE AREA:** Sustainable Communities

**PROGRAM AREA:** Community Engagement

**STAFF LEAD:** Mcdonald, Karen

**REF. NUMBER:** 114-65

**CATEGORY:** Two

## MUNICIPAL STRATEGIC PLAN ALIGNMENT

Goal #	Goal Description
3	Enhance and preserve green space

## DESCRIPTION & RATIONALE

This program supports the objectives of TRCA's Strategic Plan and Watershed Plans, as well as the goals for habitat restoration for the Toronto and Region Area of Concern (AOC) to implement tree and shrub restoration projects on both private and public lands in York Region and Peel Region. This program achieves enhancements to wildlife habitat, protects fragile soils, decreases run-off to reduce the risk of flooding, and increases forest cover in York Region and Peel Region contributing to climate change mitigation and adaptation and biodiversity benefits. This program contributes to York Region's 2023-2027 Strategic Plan Priority: Drive Environmental Stewardship and the Grow Your Legacy Program; and contributes to Peel Region's 2015-2035 Strategic Plan for making communities environmentally friendly and the Climate Change Master Plan of protecting the local environment, cleaning the air, and water.

## PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	191,000	197,000	203,000	209,000	215,000	824,000
Toronto	-	-	-	-	-	-
York	41,000	41,000	42,000	43,000	44,000	170,000
<b>Total:</b>	<b>\$232,000</b>	<b>\$238,000</b>	<b>\$245,000</b>	<b>\$252,000</b>	<b>\$259,000</b>	<b>\$994,000</b>

**PROGRAM/PROJECT NAME:** *Private Land Stewardship: Tree & Shrub Program*

## DELIVERABLES

### Category

### Deliverable

#### Stakeholder/Customer Engagement

Educational Programming

Engage with 20 private landowners through site visits, events, workshops and/or other outreach activities by the end of Q4 to promote forest planting, protection and enhancement in York Region.

#### Stakeholder/Customer Engagement

Educational Programming

Engage with 100 private landowners through site visits, events, workshops and other outreach activities by the end of Q4 to promote forest planting, protection and enhancement in the Region of Peel.

#### Natural Environment

Habitat Management and Restoration

Create a half hectare (0.5) of new forest by planting trees and shrubs on private land in the Region of York by the end of Q4.

#### Natural Environment

Habitat Management and Restoration

Create five (5) hectares of new forest through planting trees and shrubs on private land in the Region of Peel by the end of Q4.

**PROGRAM/PROJECT NAME:** Seed Crop Collection

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Restoration and Regeneration

**STAFF LEAD:** Tonerger, Ralph

**REF. NUMBER:** 190-05

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal # Goal Description**

3 Enhance and preserve green space

**DESCRIPTION & RATIONALE**

TRCA Indigenous Plant Propagation program is a key strategic resource for the successful implementation of many of TRCA's core programs including supporting restoration plantings and valley and stream projects implement for our project partners. Seed and vegetative plant cutting material is collected and harvested from locally documented sources, propagated, and grown on for one to five (1 - 5) years. The Nursery provides multi-divisional support for restoration projects by producing, sourcing, and supplying all plant material and supplies. Through various trials, the Nursery continues to seek out and try innovative ways to improve production. TRCA's Indigenous Plant Propagation program is increasing seed collection in local and neighboring seed zones and will continue to produce quality source identified plant material that has proven success in restoration projects and helps mitigate the impact of climate change.

**PROPOSED FUNDING**

Municipality	Approved	2026	2027	2028	2029	4-Year Forecast
	2025					
Durham	7,000	7,000	7,000	7,000	7,000	28,000
Peel	13,000	13,000	13,000	13,000	13,000	52,000
Toronto	13,000	13,000	13,000	13,000	13,000	52,000
York	17,000	18,000	19,000	20,000	21,000	78,000
<b>Total:</b>	<b>\$50,000</b>	<b>\$51,000</b>	<b>\$52,000</b>	<b>\$53,000</b>	<b>\$54,000</b>	<b>\$210,000</b>

**PROGRAM/PROJECT NAME:** *Seed Crop Collection*

## DELIVERABLES

### Category

### Deliverable

#### Natural Environment

Habitat Management and Restoration

Produce all required bioengineering materials made up of live stakes, canes and fascine formats from documented sources to help stabilize shorelines, mitigate erosion and flood risk hazards and restore natural environments.

#### Natural Environment

Habitat Management and Restoration

Increase production and locally collected and source identified stock availability. Nursery staff goal to propagate full seedling target requirements for 13 species.

#### Natural Environment

Habitat Management and Restoration

Collect and process seed from 30 species of native trees and shrubs for in-year propagation, storage, and future reserves in support of erosion and flood control programs and restoration plantings on TRCA's lands.

#### Natural Environment

Habitat Management and Restoration

Supply 5,000-15,000 or more seedlings of various trees and shrubs for a partnership with Credit Valley Conservation Authority's Warwick Nursery, for container grown plant production.

#### Natural Environment

Habitat Management and Restoration

Harvest and produce approximately 45,000 propagules from native tree and shrub species for vegetative plant production.

**PROGRAM/PROJECT NAME:** Richmond Hill Planting Partnership

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Restoration and Regeneration

**STAFF LEAD:** Mcdonald, Karen

**REF. NUMBER:** 111-53

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**

Goal #	Goal Description
3	Enhance and preserve green space

**DESCRIPTION & RATIONALE**

The Richmond Hill Planting Partnership project is a partnership between the Town of Richmond Hill, York Region and TRCA that leverages partnerships with other organizations to facilitate riparian and valley land tree and shrub plantings throughout all watersheds within the Richmond Hill jurisdiction. TRCA develops prioritized implementation plans for areas in need of restoration and planting; these are then ground-truthed and developed into implementation plans. Funding from the York Region is matched at a minimum 50% ratio by the Town of Richmond Hill contributions as well as by other partners. This program achieves enhancements to wildlife habitat, protects fragile soils, decreases run-off to reduce the risk of flooding, and increases forest cover in York Region contributing to climate change mitigation and adaptation and biodiversity benefits. Category 2 account.

**PROPOSED FUNDING**

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	34,000	34,000	35,000	36,000	37,000	142,000
<b>Total:</b>	<b>\$34,000</b>	<b>\$34,000</b>	<b>\$35,000</b>	<b>\$36,000</b>	<b>\$37,000</b>	<b>\$142,000</b>

**PROGRAM/PROJECT NAME:** *Richmond Hill Planting Partnership***DELIVERABLES****Category****Natural Environment**

Habitat Management and Restoration

**Deliverable**

Plant approximately 2 hectares of land with approximately 4,000 native trees and shrubs on publicly owned lands within the City of Richmond Hill.

Preliminary

**PROGRAM/PROJECT NAME:** Richmond Hill Planting Partnership

**SERVICE AREA:** Regional Biodiversity

**PROGRAM AREA:** Restoration and Regeneration

**STAFF LEAD:** Mcdonald, Karen

**REF. NUMBER:** 114-15

**CATEGORY:** Two

### MUNICIPAL STRATEGIC PLAN ALIGNMENT

Goal #	Goal Description
3	Enhance and preserve green space

### DESCRIPTION & RATIONALE

The Richmond Hill Planting Partnership project is a partnership between the Town of Richmond Hill, York Region and TRCA that leverages partnerships with other organizations to facilitate riparian and valley land tree and shrub plantings throughout all watersheds within the Richmond Hill jurisdiction. TRCA develops prioritized implementation plans for areas in need of restoration and planting; these are then validated on-site and developed into implementation plans. Funding from the York Region is matched at a minimum 50% ratio by the Town of Richmond Hill contributions as well as by other partners. This program achieves enhancements to wildlife habitat, protects fragile soils, decreases run-off to reduce the risk of flooding, and increases forest cover in York Region contributing to climate change mitigation and adaptation and biodiversity benefits. Category 2 account.

### PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	49,000	50,000	51,000	52,000	53,000	206,000
<b>Total:</b>	<b>\$49,000</b>	<b>\$50,000</b>	<b>\$51,000</b>	<b>\$52,000</b>	<b>\$53,000</b>	<b>\$206,000</b>

**PROGRAM/PROJECT NAME:** *Richmond Hill Planting Partnership*

## DELIVERABLES

### Category

**Natural Environment**

Habitat Management and Restoration

### Deliverable

Restore approximately 3.5ha of forest in York Region through invasive species management and tree and shrub planting on private and public lands.

Preliminary



## ***Greenspace Securement and Management***

This service area includes the acquisition of a public interest in and management of environmentally significant lands in order to protect their natural functions and services and to conserve the land for the benefit of current and future generations. Key program areas include greenlands acquisition, inventory and audit, master planning, land hazard management, and the protection of archeologically significant resources.



***Greenspace Securement***



***Greenspace Management***



***Rental Properties***

**PROGRAM/PROJECT NAME:** York Greenspace Management Category 2 Municipal Request

**SERVICE AREA:** Greenspace Securement and Management

**PROGRAM AREA:** Greenspace Management

**REF. NUMBER:** 442-38

**STAFF LEAD:** Cheriton, Deanna

**CATEGORY:** Two

#### MUNICIPAL STRATEGIC PLAN ALIGNMENT

Goal #	Goal Description
3	Enhance and preserve green space

#### DESCRIPTION & RATIONALE

The Land Management program aims to conserve and manage lands owned or controlled by TRCA in York Region. The program delivers the best possible conservation land care and asset management policies and practices in partnership with the community. As requested by York Region, this program leverages TRCA's Conservation Areas Strategy to build upon the programs and services in Section 9 (1) in O. Reg. 686/21: Mandatory Programs and Services under the Conservation Authorities Act to allow TRCA to be a leader in greenspace conservation.

#### PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	63,000	64,000	65,000	66,000	67,000	262,000
<b>Total:</b>	<b>\$63,000</b>	<b>\$64,000</b>	<b>\$65,000</b>	<b>\$66,000</b>	<b>\$67,000</b>	<b>\$262,000</b>

**PROGRAM/PROJECT NAME:** *York Greenspace Management Category 2 Municipal Request*

**DELIVERABLES****Category**

Property/Built Structures

Land and Shoreline Management

**Deliverable**

As requested by York Region, Enhanced Land Management activities to further TRCA land management programs and services.

Preliminary

## ***Tourism and Recreation***

This service area provides memorable experiences for guests in nature-based settings, which make positive contributions to community health and well-being, while advancing the economic development goals of partner municipalities. Programs include management, maintenance and enhancement of conservation parks and recreation facilities. TRCA delivers these services through leveraging public and private partnerships that focus on community development, tourism and recreational offerings.



***Conservation Parks***



***Waterfront Parks***



***Trails***



***Black Creek Pioneer Village***



***Bathurst Glen Golf Course***



***Events and Festivals***

**PROGRAM/PROJECT NAME:** York Valley and Corridors Trails Management and Construction

**SERVICE AREA:** Tourism and Recreation

**PROGRAM AREA:** Trails

**REF. NUMBER:** 442-80

**STAFF LEAD:** Cheriton, Deanna

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**

Goal #	Goal Description
3	Enhance and preserve green space

**DESCRIPTION & RATIONALE**

As established in TRCA's Trail Strategy for the Greater Toronto Region, trails on TRCA owned or controlled lands connect with local trail networks that benefit communities in York Region. This program develops and maintains trails and related amenities that support access to TRCA owned or controlled lands, as requested by York Region, in partnership with the community. It aims to establish and deliver the best possible trail asset management practice, reduce the risk to assets and human health and safety from natural or human hazards, promote responsible use of TRCA lands, provide exceptional visitor experiences, and involve the community in its activities.

**PROPOSED FUNDING**

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	107,000	109,000	111,000	113,000	115,000	448,000
<b>Total:</b>	<b>\$107,000</b>	<b>\$109,000</b>	<b>\$111,000</b>	<b>\$113,000</b>	<b>\$115,000</b>	<b>\$448,000</b>

**PROGRAM/PROJECT NAME:** *York Valley and Corridors Trails Management and Construction*

**DELIVERABLES****Category**

Property/Built Structures

Land and Shoreline Management

**Deliverable**

As requested by York Region, trail construction and enhanced management activities to improve visitor safety and experience, and internal and external trail management consultation, liaison and expert input related to trails.

Preliminary

## ***Planning and Development Review***

Planning and Development Review is the administration and implementation of TRCA's legislated and delegated roles and responsibilities in the planning and development approvals process. TRCA's role in this process as a public commenting body, provincially- delegated reviewer for natural hazards, service provider, regulatory authority, resource management agency and landowner is guided by board-approved policies to further the conservation, restoration, development and management of natural resources. These policies are consistent with the requirements of federal, provincial and municipal legislation and incorporate the latest science revealed through TRCA's integrated watershed research to inform municipalities and other approval authorities. TRCA's input in municipal decision making guides growth, redevelopment, revitalization and intensification throughout TRCA's jurisdiction.



***Policy Development and Review***



***Development Planning and Regulation Permitting***



***Environmental Assessment Planning and Permitting***

## ***Education and Outreach***

Education and Outreach programs support municipal and provincial objectives for environmental education in schools, build professional capacity and competitiveness in the region's sustainable economic sectors, and engage the broader population to become active in developing healthy, sustainable communities. Formal and non-formal education and training is delivered to develop a culture of life-long learning for residents of all ages at TRCA education centres, academic institutions and in the community



***School Programs***



***Family Programs***



***Newcomer Employment and Education***



**PROGRAM/PROJECT NAME:** York Children's Water Festival Program

**SERVICE AREA:** Education and Outreach

**PROGRAM AREA:** School Programs

**STAFF LEAD:** Wilson, Diana

**REF. NUMBER:** 126-42

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal #      Goal Description**

3      Deliver and promote environmentally sustainable services

**DESCRIPTION & RATIONALE**

The York Children's Water Festival is an event delivered in partnership with the Regional Municipality of York for three days every May. The Festival engages students, teachers/chaperones as they learn about water conservation and the environment. TRCA's contributions to the Festival includes provision of venue and facilities and spaces to hold the Festival when required, leading three educational modules supporting a participatory environmental regeneration project, as well as staffing to provide development, technical, educational and expertise and resources. The Water Festival is a key component of TRCA and York Region's partnership related to education and outreach programs, and coordination for TRCA's activities related to the Festival resides with the York Outreach Education team. With increased participation from Education staff, TRCA aims to improve integration between student learning experiences at both the Festival and the Education and Training Division.

**PROPOSED FUNDING**

Municipality	Approved					
	2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	49,000	67,000	68,000	69,000	70,000	274,000
<b>Total:</b>	<b>\$49,000</b>	<b>\$67,000</b>	<b>\$68,000</b>	<b>\$69,000</b>	<b>\$70,000</b>	<b>\$274,000</b>

**PROGRAM/PROJECT NAME:** *York Children's Water Festival Program*

## DELIVERABLES

### Category

### Deliverable

#### Stakeholder/Customer Engagement

Educational Programming

TRCA actively participate in the York Children's Water Festival Steering Committee to support program and partner development as well as providing expertise and resources where needed.

#### Stakeholder/Customer Engagement

Educational Programming

Support three (3) educational programs over the 3-day event engaging approximately 600 elementary school students per day. Programming can be either in person or virtual resources as requested by York Region.

#### Stakeholder/Customer Engagement

Educational Programming

Support York Region's Natural Heritage and Forestry Team in the development of hands-on habitat program as part of the York Children's Water Festival.

#### Program/Project Administration

Program/Project Management

Support the coordination, planning and delivery of the York Children's Festival at Bruce's Mill or virtually. During the three (3) day event TRCA will provide support in planning, registration and promotion as well as day of logistics including sign in, registration, set-up/take-down, acting as subject matter experts, supporting event stations and associated props and materials provided by TRCA.

**PROGRAM/PROJECT NAME:** Conservation Youth Corps Program

**SERVICE AREA:** Education and Outreach

**PROGRAM AREA:** School Programs

**STAFF LEAD:** Wilson, Diana

**REF. NUMBER:** 126-60

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal # Goal Description**

3 Deliver and promote environmentally sustainable services

3 Enhance and preserve green space

**DESCRIPTION & RATIONALE**

The Conservation Youth Corps program provides students from the Regional Municipality of York secondary schools with outdoor volunteer opportunities and climate change education. By participating in this program, students in grades 9 through 11 can develop leadership and hands-on skills while contributing to their requirement of 40 volunteer hours to graduate. Example tasks may include trail and fence construction, brush clearing, invasive-species removal, habitat creation/restoration, and general greenspace clean-up. The Future Directions in Education at TRCA board report from November 27, 2015 outlined the Community Learning and Achievement model as a framework for community learning and engagement activities at TRCA. The community learning programs listed above support this model by engaging residents in their own communities and fostering sustainable citizenship.

**PROPOSED FUNDING**

<b>Municipality</b>	<b>Approved 2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>4-Year Forecast</b>
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	27,000	28,000	29,000	30,000	31,000	118,000
<b>Total:</b>	<b>\$27,000</b>	<b>\$28,000</b>	<b>\$29,000</b>	<b>\$30,000</b>	<b>\$31,000</b>	<b>\$118,000</b>

**PROGRAM/PROJECT NAME:** *Conservation Youth Corps Program*

## DELIVERABLES

### Category

### Deliverable

#### Program/Project Administration

Program/Project Management

Deliver 36 hours of program instruction to secondary school students in York Region.

#### Program/Project Administration

Program/Project Management

Coordinate and communicate program logistics with the Region and partner municipalities. TRCA will coordinate and communicate the following program components as required: planning work sites, staff scheduling, orientation, training outdoor work tasks.

#### Program/Project Administration

Program/Project Management

Engage 80 secondary school students from schools in York Region in a variety of volunteer work opportunities that contribute to conservation efforts such as planting, clean-ups, habitat restoration and citizen science projects.

#### Natural Environment

Habitat Management and Restoration

Provide 540 learner hours (12 events X 3 hours per event X 15 participants) for secondary students from schools within the Regional Municipality of York.

**PROGRAM/PROJECT NAME:** York Outreach Ed Services

**SERVICE AREA:** Education and Outreach

**PROGRAM AREA:** School Programs

**STAFF LEAD:** Wilson, Diana

**REF. NUMBER:** 126-53

**CATEGORY:** Two

#### MUNICIPAL STRATEGIC PLAN ALIGNMENT

##### Goal # Goal Description

- 3 Deliver and promote environmentally sustainable services
- 3 Enhance and preserve green space

#### DESCRIPTION & RATIONALE

York Outreach Education provides in-person environmental education programs to elementary and high school students in the Regional Municipality of York. In 2026, TRCA will lead the development and delivery of a new program focusing on engaging school communities in water conservation. The program will rely on mapping and statistical analysis to identify school communities that need improvement in water conservation and engage them throughout the school year in a variety of activities, using the curriculum to support connection and integrated learning. The goals are:-to reduce water consumption in target communities identified by York Region -improve environmental literacy in students and teachers at the school-connect the school community with water conservation ideas and resources-foster skill-building and youth development

#### PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	77,000	79,000	81,000	83,000	85,000	328,000
<b>Total:</b>	<b>\$77,000</b>	<b>\$79,000</b>	<b>\$81,000</b>	<b>\$83,000</b>	<b>\$85,000</b>	<b>\$328,000</b>

**PROGRAM/PROJECT NAME:** *York Outreach Ed Services*

## DELIVERABLES

### Category

### Deliverable

#### Stakeholder/Customer Engagement

Public Engagement

TRCA will deliver two (2) activities per school per school year to engage the school community in water conservation. Activities may include webinars, workshops or take-home resources.

#### Stakeholder/Customer Engagement

Public Engagement

TRCA will convene a committee to consult on the development of this program that includes York Region, TRCA, and reps from York Region District School and the York Catholic District School Board.

#### Stakeholder/Customer Engagement

Educational Programming

TRCA will track the total number of learner hours (hours of teaching x number of learners) per school community per school year.

#### Stakeholder/Customer Engagement

Educational Programming

TRCA will track the total number of students engaged in the program with a goal of connecting with at least 60% of each school's student population in the 2026-27 school year.

#### Stakeholder/Customer Engagement

Educational Programming

TRCA will develop a new water conservation program aligning it with the strategic priorities of York Region and TRCA. The water conservation program will launch in September 2026 and be delivered to four (4) schools in the 2026-27 school year.

#### Program/Project Administration

Program/Project Management

Determine the target metrics for success of the program for a decrease in water usage, an increase in environmental literacy, the total number of learner hours per school community, and the number of students engaged in the program per school.

#### Program/Project Administration

Program/Project Management

TRCA will use environmental education surveying techniques to assess improvement in environmental literacy for participating students and teachers. Surveying is conducted at the end of the school year, so few surveys occur in 2026.

Category	Deliverable
<b>Program/Project Administration</b> Program/Project Management	TRCA will work with York Region to analyze water usage rates in the targeted school communities to assess behaviour change from the beginning to the end of the school year. The school communities will be defined by the school intake boundaries.

Preliminary

**PROGRAM/PROJECT NAME:** Multicultural Environmental Stewardship Program

**SERVICE AREA:** Education and Outreach

**PROGRAM AREA:** Newcomer Services

**STAFF LEAD:** Wilson, Diana

**REF. NUMBER:** 126-55

**CATEGORY:** Two

### MUNICIPAL STRATEGIC PLAN ALIGNMENT

**Goal # Goal Description**

3 Deliver and promote environmentally sustainable services

### DESCRIPTION & RATIONALE

The Multicultural Connections Program (MCP) engages new Canadians and English language learners in environmental education initiatives and stewardship projects by reducing language, cultural and economic barriers that have traditionally limited their participation. MCP provides in-person or online environmental presentations for English as a Second Language (ESL) schools, Language Instruction for Newcomers to Canada (LINC) centres, Canadian Citizenship Preparation Classes, newcomer groups and faith-based Organizations. MCP staff also coordinate discovery walks and newcomer events, and provide interactive booth displays for cultural and faith-based events.

### PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	76,000	78,000	80,000	82,000	84,000	324,000
Toronto	44,000	44,000	44,000	44,000	44,000	176,000
York	48,000	49,000	50,000	51,000	52,000	202,000
<b>Total:</b>	<b>\$168,000</b>	<b>\$171,000</b>	<b>\$174,000</b>	<b>\$177,000</b>	<b>\$180,000</b>	<b>\$702,000</b>



**PROGRAM/PROJECT NAME:** *Multicultural Environmental Stewardship Program*

**DELIVERABLES**

**Category**

**Deliverable**

**Stakeholder/Customer Engagement**

Engage 430 participants in curriculum linked programs at language centers across the Regional Municipality of York.

Public Engagement

**Stakeholder/Customer Engagement**

Engage 200 attendees at cultural and faith events across the Regional Municipality of York to distribute TRCA resources and deliver activities.

Public Engagement

**Stakeholder/Customer Engagement**

Provide subsidized transportation and/or coordinate outdoor recreation based field trips at TRCA parks for 90 newcomers from the Regional Municipality of York.

Public Engagement

**Stakeholder/Customer Engagement**

Engage 430 participants in curriculum linked environmental programs at language centers across the City of Toronto.

Public Engagement

**Stakeholder/Customer Engagement**

Engage 200 attendees at cultural and faith events across the City of Toronto to distribute TRCA resources and deliver activities.

Public Engagement

**Stakeholder/Customer Engagement**

Provide subsidized transportation and/or coordinate outdoor recreation based field trips to visit TRCA parks for 90 newcomers from the City of Toronto.

Public Engagement

**Stakeholder/Customer Engagement**

Provide subsidized transportation and/or coordinate outdoor recreation-based field trips at TRCA parks for 120 newcomers from the Regional Municipality of Peel.

Public Engagement

Category	Deliverable
<b>Stakeholder/Customer Engagement</b> Public Engagement	Engage 300 attendees at cultural and faith events across the Regional Municipality of Peel to distribute TRCA resources and deliver activities.
<b>Stakeholder/Customer Engagement</b> Public Engagement	Engage 1000 participants in curriculum linked environmental programs at language centers across the Regional Municipality of Peel.

Preliminary

## ***Sustainable Communities***

This service area supports municipal efforts to create sustainable communities. Projects and programs are developed to address gaps and to coordinate efforts across the region to increase efficiency, effectiveness and impact of programs. The scope of the service area is broad, encompassing programs that address neighbourhood and sector specific eco- efficiencies (water, energy, waste and GHG emissions), awareness of and need for adaptation to climate change, catalyzing the green economy with sustainable technologies, addressing food security through near urban agriculture, and engaging residents in awareness and sustainability action to foster a caring and involved citizenry.



***Living City Transition Program***



***Community Engagement***



***Social Enterprise Development***

**PROGRAM/PROJECT NAME:** Project Green - Grants and Donations

**SERVICE AREA:** Sustainable Communities

**PROGRAM AREA:** Living City Transition Program

**STAFF LEAD:** Taves, Jennifer

**REF. NUMBER:** 413-01

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal # Goal Description**

3 Deliver and promote environmentally sustainable services

**DESCRIPTION & RATIONALE**

Partners in Project Green (PPG) is a dynamic community of leaders driving environmental action and economic prosperity across the Greater Toronto Area (GTA). Initiated by TRCA, Toronto Pearson Airport, the Region of Peel, and the City of Toronto, PPG brings together businesses, government, institutions, and utilities to accelerate the transition to a sustainable, climate resilient economy. Through peer-to-peer collaboration, knowledge sharing, and on-the-ground solutions, PPG helps organizations turn sustainability goals into measurable action. By fostering connections between members and unlocking opportunities for innovation, PPG empowers businesses to tackle key challenges in: Employee and Community Engagement; Energy Performance & Low-Carbon Transportation; Waste Management; and Water Stewardship. Together, we are shaping a greener, more competitive future for the GTA and beyond.

**PROPOSED FUNDING**

Municipality	Approved					
	2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	72,000	74,000	76,000	78,000	80,000	308,000
York	39,000	39,000	40,000	41,000	42,000	162,000
<b>Total:</b>	<b>\$111,000</b>	<b>\$113,000</b>	<b>\$116,000</b>	<b>\$119,000</b>	<b>\$122,000</b>	<b>\$470,000</b>

**PROGRAM/PROJECT NAME:** *Project Green - Grants and Donations*

## DELIVERABLES

### Category

### Deliverable

#### Stakeholder/Customer Engagement

Private Sector Engagement

Deliver multi-stakeholder water stewardship programs in the City of Toronto that leverage collaboration to address important water related issues (e.g. water efficiency and storm water management, and Low Impact Development) in the IC&I sector and reduce their water footprint. 1) Three (3) Toronto businesses participating in PPG water management programs, 2) Deliver 30 learner hours, 3) Find 30M litres of water savings for Toronto businesses.

#### Stakeholder/Customer Engagement

Private Sector Engagement

Deliver multi-stakeholder energy management programs to City of Toronto businesses to reduce their energy consumption and greenhouse gas (GHG) emissions, (e.g. carbon dioxide equivalent (CO<sub>2</sub>e)), and increase the diffusion of energy innovations and renewable energy solutions in the industrial, commercial, and institutional sector (IC&I). Targets to be achieved by year end are: 1) Engage 5 Toronto businesses in energy management programs, 2) Deliver 10 energy management sessions, 3) Deliver 90 learner hours, 4) Identify 20 energy management projects for Toronto businesses, 5) Identify 2,500 eCO<sub>2</sub>e savings for Toronto businesses, 6) Identify 14 eGWH savings for Toronto businesses 7) Identify 1,000,000 m<sup>3</sup> of natural gas savings for Toronto businesses, 8) Identify 3,000,000 KWH of electricity savings for Toronto businesses.

#### Stakeholder/Customer Engagement

Private Sector Engagement

Divert waste through reduction, reuse and recycling within the IC&I sector to lower costs and greenhouse gas emissions for businesses and the Region of Peel to support local communities and divert waste from landfill. 1) Engage 30 City of Toronto businesses in waste management programs; 2) Facilitate 10 material transactions/exchanges (or series of transactions); 3) Divert 5,000 kg of waste from landfill; 4.) Divert 2 tonnes of eCO<sub>2</sub>; 5) Deliver 50 learner hours.

#### Stakeholder/Customer Engagement

Private Sector Engagement

Engage 70 York Region businesses in the industrial, commercial and institutional sectors in Partners in Project Green Programs (primarily waste management) and create unique peer-to-peer learning and collaboration opportunities. Engagement numbers will be reported as follows: 1) Number of York Region business engaged in waste, water, energy, and engagement programs; 2) Number of active members in York Region; 3) Number of event participants from York Region; 4) Number of material transactions/exchanges (or series of transactions) and waste diverted from landfill.

#### Stakeholder/Customer Engagement

Private Sector Engagement

Deliver training, networking and restoration events and employee and community engagement programs to businesses in the City of Toronto to achieve the following by year end: 1) Engage 3 City of Toronto businesses in engagement programs; 2) Engage 30 active member organizations; 3) Deliver 150 learner hours.

**PROGRAM/PROJECT NAME:** Sustainable Technologies Evaluation Program- Water, Air, Energy

**SERVICE AREA:** Sustainable Communities

**PROGRAM AREA:** Living City Transition Program

**REF. NUMBER:** 416-96

**STAFF LEAD:** Auger, Steve

**CATEGORY:** Two

### MUNICIPAL STRATEGIC PLAN ALIGNMENT

#### Goal # Goal Description

- 3 Deliver and promote environmentally sustainable services
- 3 Enhance and preserve green space

### DESCRIPTION & RATIONALE

The Sustainable Technologies Evaluation Program (STEP) is a multi-agency initiative developed to support broader implementation of sustainable technologies and practices within a Canadian context. STEP works to achieve this overarching objective by: (i) Carrying out research, monitoring and evaluation of clean water and low carbon technologies, (ii) Assessing technology implementation barriers and opportunities, (iii) Developing supporting tools, guidelines and policies, (iv) Delivering education and training programs, (v) Advocating for effective sustainable technologies and (vi) Collaborating with academic and industry partners through our Living Labs and other initiatives. Technologies evaluated under STEP are not limited to physical devices or products; they may also include preventative measures, implementation protocols, alternative urban site designs, and other innovative practices that help create more sustainable and liveable communities.

### PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	191,000	197,000	203,000	209,000	215,000	824,000
Toronto	176,000	181,000	186,000	192,000	198,000	757,000
York	152,000	152,000	155,000	158,000	161,000	626,000
<b>Total:</b>	<b>\$519,000</b>	<b>\$530,000</b>	<b>\$544,000</b>	<b>\$559,000</b>	<b>\$574,000</b>	<b>\$2,207,000</b>

**PROGRAM/PROJECT NAME:** *Sustainable Technologies Evaluation Program- Water, Air, Energy*

## DELIVERABLES

### Category

### Deliverable

**Program/Project Administration**

Program/Project Management

STEP General - Develop and expand partnerships to support broader implementation of clean water and low carbon approaches.

**Knowledge Generation and Sharing**

Product

STEP Water - Develop and disseminate guidance to municipal partners and industry (e.g. LID Stormwater Planning and Design Wiki Guide, the Erosion and Sediment Control Guide, LID Treatment Train Tool Forum, and Salt Management Best Practices).

**Knowledge Generation and Sharing**

Product

STEP Energy - Deliver STEP energy presentations/webinars to conferences, workshops and stakeholder groups on low carbon technology topics.

**Knowledge Generation and Sharing**

Product

STEP Water - Deliver STEP water conference/workshop presentations and webinars on projects in the areas of low impact development, salt management, erosion and sediment control and thermal mitigation.

**Knowledge Generation and Sharing**

Product

STEP Energy - Engage with stakeholders to share project learnings and promote the adoption of low-carbon technologies

**Knowledge Generation and Sharing**

Product

STEP Water - Develop digital communications including STEP website content, quarterly newsletters and social media posts.

**Knowledge Generation and Sharing**

Process - Review, participation, and/or contribution

STEP Water - Develop print deliverables (e.g. reports, case studies, guidance documents, technical briefs, articles) for STEP water projects including, but not limited to, Toronto Green Streets, salt management studies and Twp of King reporting/ manuals

Category	Deliverable
<b>Knowledge Generation and Sharing</b> Process - Review, participation, and/or contribution	STEP Energy - Develop knowledge-based resources to support the uptake of low-carbon technologies for the built environment
<b>Knowledge Generation and Sharing</b> Primary Research	STEP Water - Complete field monitoring for STEP water projects including, but not limited, to low impact development and pond sites for municipal partners in support of asset management and assumption.
<b>Knowledge Generation and Sharing</b> Primary Research	STEP Energy - Complete monitoring and analysis in support of STEP energy projects evaluating low carbon energy technologies for buildings

Preliminary



**PROGRAM/PROJECT NAME:** Sustainable House Demonstration Project

**SERVICE AREA:** Sustainable Communities

**PROGRAM AREA:** Living City Transition Program

**STAFF LEAD:** Auger, Steve

**REF. NUMBER:** 415-91

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**
**Goal #      Goal Description**

3      Deliver and promote environmentally sustainable services

**DESCRIPTION & RATIONALE**

The Sustainable Technologies Evaluation Program (STEP), in partnership with its regional partners, provides the data, analytical tools, and scientific support needed to foster broader adoption of innovative technologies that reduce greenhouse gases (GHGs) and improve water management. To this end, STEP maintains a number of Living Labs that act as test and education centres to accomplish its evaluation and outreach activities related to GHG reduction and sustainable technologies. These Living Labs, such as the Archetype Houses and green streets demonstrations at the Kortright Centre for Conservation, act as centres of excellence for urban sustainability where students, professionals, industry representatives, researchers, academia, and the public learn, research, demonstrate, network and draw inspiration from technologies and practices that help build sustainable communities. Living Lab themes include water, renewable energy, sustainable design and construction, and sustainable living.

**PROPOSED FUNDING**

<b>Municipality</b>	<b>Approved 2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>4-Year Forecast</b>
Durham	-	-	-	-	-	-
Peel	87,000	90,000	93,000	96,000	99,000	<b>378,000</b>
Toronto	30,000	31,000	32,000	33,000	34,000	<b>130,000</b>
York	15,000	15,000	15,000	15,000	15,000	<b>60,000</b>
<b>Total:</b>	<b>\$132,000</b>	<b>\$136,000</b>	<b>\$140,000</b>	<b>\$144,000</b>	<b>\$148,000</b>	<b>\$568,000</b>

**PROGRAM/PROJECT NAME:** *Sustainable House Demonstration Project*

## DELIVERABLES

### Category

### Deliverable

#### Program/Project Administration

General Management

Develop new displays and maintain existing displays at Kortright and associated interpretive signage. Displays and demonstrations compliment educational, public and professional programming, recognize sponsors and serve to support/engage visitors.

#### Program/Project Administration

General Management

Deliver 20 Living Labs tours to post-secondary students, professionals and other interested parties to grow awareness of sustainability and climate change issues, spark discussion and promote community transformation.

#### Program/Project Administration

General Management

Maintain existing Living Labs and ensure they are in good working order, available for tours and other education and programming activities.

#### Knowledge Generation and Sharing

Product

Manage website content and updates and develop partnerships to effectively perform education and programming using knowledge from the Sustainable Technologies Evaluation Program.

**PROGRAM/PROJECT NAME:** York Rural Clean Water Program

**SERVICE AREA:** Sustainable Communities

**PROGRAM AREA:** Living City Transition Program

**STAFF LEAD:** Stille, John

**REF. NUMBER:** 126-07

**CATEGORY:** Two

**MUNICIPAL STRATEGIC PLAN ALIGNMENT**

Goal #	Goal Description
3	Drive Environmental Stewardship

**DESCRIPTION & RATIONALE**

The Rural Clean Water Program (RCWP) is a voluntary and confidential program that offers technical assistance and financial incentives to farm and rural non-farm land owners. It assists with implementing agri-environmental Best Management Practice (BMP) projects that address rural water quality improvements, environmental enhancement and sustainability, and climate change mitigation and adaptation. The RCWP is offered in the Regional Municipality of York and Regional Municipality of Peel.

**PROPOSED FUNDING**

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	42,000	42,000	42,000	42,000	42,000	168,000
<b>Total:</b>	<b>\$42,000</b>	<b>\$42,000</b>	<b>\$42,000</b>	<b>\$42,000</b>	<b>\$42,000</b>	<b>\$168,000</b>

**PROGRAM/PROJECT NAME:** *York Rural Clean Water Program*

## DELIVERABLES

### Category

### Deliverable

#### Stakeholder/Customer Engagement

Educational Programming

Host one (1) agri-environmentally themed workshop to promote and support the implementation of BMP projects.

#### Program/Project Administration

Program/Project Management

Attend three to five (3-5) agri-environmentally related events to promote the program and inform landowners about the technical and financial assistance available.

#### Natural Environment

Habitat Management and Restoration

Implement three to five (3-5) Best Management Practice (BMP) projects that address water quality, environmental enhancement/sustainability, and climate change mitigation/adaptation.

Preliminary

**PROGRAM/PROJECT NAME:** Stewardship  
**SERVICE AREA:** Sustainable Communities  
**PROGRAM AREA:** Community Engagement  
**STAFF LEAD:** Wilson, Diana

**REF. NUMBER:** 126-91  
**CATEGORY:** Two

#### MUNICIPAL STRATEGIC PLAN ALIGNMENT

Goal #	Goal Description
3	Deliver and promote environmentally sustainable services
3	Enhance and preserve green space

#### DESCRIPTION & RATIONALE

TRCA community learning promotes residents engaging in nature more often. Public outdoor activities are hosted across the northern sections of the Humber River, Don River and Rouge River watersheds in the southern end of the Regional Municipality of York. Events include tree planting, habitat creation projects, seasonal nature walks, recreational outings, environmental workshops and a variety of virtual programs. The wide range of offerings allows TRCA to reach a variety of audiences including new parents, seniors, and families. In addition to hosting our own events, TRCA supports community groups and partner municipalities with their own environmental programs.

#### PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	113,000	115,000	117,000	119,000	121,000	472,000
<b>Total:</b>	<b>\$113,000</b>	<b>\$115,000</b>	<b>\$117,000</b>	<b>\$119,000</b>	<b>\$121,000</b>	<b>\$472,000</b>

**PROGRAM/PROJECT NAME:** Stewardship

## DELIVERABLES

### Category

**Stakeholder/Customer Engagement**  
Public Engagement

### Deliverable

Facilitate the development of partnerships that build capacity in York Region.

**Stakeholder/Customer Engagement**  
Public Engagement

Provide 1,640 learner hours for Region of York residents.

**Stakeholder/Customer Engagement**  
Public Engagement

Deliver 82 hours of program instruction to York Region residents.

**Stakeholder/Customer Engagement**  
Public Engagement

Design and deliver eight (8) community-based events in response to residential need or inquiry; events can include and are not limited to tree planting, habitat creation, litter clean up, invasive species removal, and citizen science activities for York Region residents.

**Stakeholder/Customer Engagement**  
Public Engagement

Develop, plan and promote senior-friendly programming in York Region. Actively engage with organizations serving seniors to share senior-friendly programs with the community.

**Stakeholder/Customer Engagement**  
Public Engagement

Coordinate and deliver eight (8) environmental workshops for York Region Residents designed to emphasize how taking action will help mitigate climate change. Some of the topics include: installing a rain barrel, planting a rain garden, creating habitat with native plants, and balcony gardening. These could include a combination of in person and virtual events.

**Stakeholder/Customer Engagement**  
Public Engagement

Plan and deliver ten (10) seasonal nature walks, recreational events or family workshops for York Region residents. These could be a combination of virtual and in person events.

Category	Deliverable
Stakeholder/Customer Engagement	Attend six (6) partner community events in York Region to distribute resources and deliver activities with a sustainability and climate change focus to residents. These could include a combination of in person and virtual events.
Public Engagement	

Preliminary

**PROGRAM/PROJECT NAME:** York Community Environmental Programs

**SERVICE AREA:** Sustainable Communities

**PROGRAM AREA:** Community Engagement

**STAFF LEAD:** Kramkowski, Victoria

**REF. NUMBER:** 126-29

**CATEGORY:** Two

#### MUNICIPAL STRATEGIC PLAN ALIGNMENT

##### Goal # Goal Description

- 2 Protect and promote residents' well-being
- 3 Deliver and promote environmentally sustainable services

#### DESCRIPTION & RATIONALE

The York Community Environmental Enhancement Program facilitates community-based projects in York Region watersheds which address municipal and TRCA priorities while considering community interests. Initiatives include: community-based tree planting and clean-ups, invasive species management, educational watershed activities, habitat enhancement in sensitive wetland areas, educational signage, promotion of heritage events and resources, and community environmental events. Community engagement activities build local capacity, education, and awareness to natural heritage resources and their associated ecological benefits.

#### PROPOSED FUNDING

Municipality	Approved					
	2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	37,000	37,000	40,000	44,000	48,000	169,000
<b>Total:</b>	<b>\$37,000</b>	<b>\$37,000</b>	<b>\$40,000</b>	<b>\$44,000</b>	<b>\$48,000</b>	<b>\$169,000</b>



**PROGRAM/PROJECT NAME:** *York Community Environmental Programs*

**DELIVERABLES**

**Category**

**Deliverable**

**Stakeholder/Customer Engagement**

Collaborate on (1) community outreach projects/events (contingent on level of community interest) that highlight the Canadian Heritage River designation of the Humber and environmental stewardship of the Humber River.

Public Engagement

**Stakeholder/Customer Engagement**

Support one (1) community driven initiatives, including tree plantings, habitat restoration projects, trail improvements, or urban agriculture. Projects are year to year and responsive to community initiative.

Public Engagement

Preliminary

## *Corporate Services*

Corporate Services include financial, administrative and technical services that enable TRCA staff to develop new capacity to efficiently and effectively deliver service area objectives.



*Corporate Management and Governance*



*Financial Management*



*Human Resources*



*Corporate Communications*



*Information Infrastructure and Management*

**PROGRAM/PROJECT NAME:** Climate Key Performance Indicators - York

**SERVICE AREA:** Corporate Services

**PROGRAM AREA:** Financial Management

**STAFF LEAD:** Gingerich, David

**REF. NUMBER:** 415-88

**CATEGORY:** Two

#### MUNICIPAL STRATEGIC PLAN ALIGNMENT

##### Goal # Goal Description

- 3 Deliver and promote environmentally sustainable services
- 4 Deliver fiscally sustainable services

#### DESCRIPTION & RATIONALE

TRCA will work with the Regional Municipality of York to develop, track, and report on KPIs that will measure the impact and effectiveness of Conservation Authority projects funded through the Regional Municipality of York. The program will support all infrastructure and processes required to effectively analyze and communicate the results to all stakeholders. This program will leverage the KPI development that TRCA has been working on in collaboration with Peel Region and Credit Valley Conservation Authority over the last few years. This program will leverage the development of reach-based erosion hazard mapping being employed within the Region's portion of the Rouge River watershed, where terrain data is combined with hydrologic and hydraulic model output to provide science-based and repeatable erosion hazard characterization.

#### PROPOSED FUNDING

Municipality	Approved 2025	2026	2027	2028	2029	4-Year Forecast
Durham	-	-	-	-	-	-
Peel	-	-	-	-	-	-
Toronto	-	-	-	-	-	-
York	94,200	21,200	63,200	53,200	22,200	159,800
<b>Total:</b>	<b>\$94,200</b>	<b>\$21,200</b>	<b>\$63,200</b>	<b>\$53,200</b>	<b>\$22,200</b>	<b>\$159,800</b>

**PROGRAM/PROJECT NAME:** *Climate Key Performance Indicators - York*

## DELIVERABLES

### Category

### Deliverable

#### Program/Project Administration

Program/Project Management

Continue to implement the York KPI project for TRCA-led project by continuing to assess the suitability of applying the Region of Peel performance indicator methodology in York Region.

#### Knowledge Generation and Sharing

Knowledge Management

Assess and characterize erosion hazards on a reach-basis within a pilot study area. Hazard mapping utilizing geomorphologic, hydraulic, hydrologic, geologic, and terrain data informs erosion risk to essential infrastructure.

Preliminary

Preliminary

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