



**Budget/Audit Advisory Board
Agenda**

#1/18

March 2, 2018

8:30 A.M.

Waterfront Room, Head Office

Members

Chair: Maria Augimeri

Jack Ballinger

Ronald Chopowick

Gino Rosati

Pages

1.	MINUTES OF MEETING #3/17, HELD ON NOVEMBER 3, 2017	
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2.	BUSINESS ARISING FROM THE MINUTES	
3.	DISCLOSURE OF PECUNIARY INTEREST AND THE GENERAL NATURE THEREOF	
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	Approval to Request Reallocation	

8. SECTION III - ITEMS FOR THE INFORMATION OF THE BOARD

9. NEW BUSINESS

NEXT MEETING OF THE BUDGET/AUDIT ADVISORY BOARD #2/18, TO BE HELD
ON JUNE 8, 2018 AT 8:30 A.M. AT HEAD OFFICE, 101 EXCHANGE AVENUE,
VAUGHAN

John MacKenzie, Chief Executive Officer

/ks

Section I – Items for Authority Action

TO: Chair and Members of the Budget/Audit Advisory Board
Meeting #1/18, Friday, March 02, 2018

FROM: Michael Tolensky, Chief Financial Officer

RE: **2018 AND 2019 BUDGET AND UNMET NEEDS UPDATE**

KEY ISSUE

Update on 2018 municipal budget approval, 2019 preliminary municipal budget submissions, and the organization's 2019 unmet needs.

RECOMMENDATION

THE BOARD RECOMMENDS TO THE AUTHORITY THAT Toronto and Region Conservation Authority's (TRCA) 2019 preliminary municipal capital budget submissions for the regions of Durham, Peel and York, and the City of Toronto be consistent with the targets identified for TRCA in the previous budget cycle;

THAT the list of unfunded municipal projects included in TRCA's Unmet Priorities – Projects and Programs list outlined in Attachment 3 be submitted to TRCA's member municipalities for their consideration in 2019;

AND FURTHER THAT TRCA staff be directed to submit the preliminary 2019 municipal estimates and multi-year funding requests to the City of Toronto, the regional municipalities of Durham, Peel and York, Township of Adjala-Tosorontio and Town of Mono in accordance with their respective submission schedules.

BACKGROUND

On June 23, 2017, the Authority approved the preliminary 2018 operating and capital levies for TRCA partner municipalities, along with a list of unfunded municipal projects and multi-year funding requests (Resolution #A115/17). All 2018 municipal budgets have been approved by the respective municipalities. Attachment 1 provides the detailed funding by Service Area showing approved 2017, 2018 and projected 2019 capital levy. Attachment 2 provides an overview of the approved 2017, 2018 and projected 2019 operating levy. TRCA was successful in securing one-time capital funds with two partner municipalities (City of Toronto and Region of Peel) \$2.3M for Black Creek Pioneer Village, \$1.5M for Menno-Reesor Restoration Project and \$2.6M for Bolton Camp respectively. Additionally, the Regional Municipality of Durham has allocated \$41k to fund land management expenditures located within the region and will support TRCA's 2018 National Disaster Mitigation Program (NDMP) application with the intent for further discussion once the application is successful.

The internal process for starting the 2019 budget estimates has commenced. Member municipalities require that TRCA provide 10-year capital budget projections and each municipality has its own requirements and format for this information.

As a matter of budgeting protocol, TRCA staff regularly consults with member municipality staff, to ensure that there is alignment on objectives and deliverables; to avoid duplication of effort; to coordinate activities and procurement to realize maximum value and efficiency; and to report on the achievement of project deliverables.

RATIONALE

Unmet Priorities – Projects and Programs List

Attachment 3 lists unmet priority projects and programs for all partner municipalities for the 10 year projection. Staff recommends that the list be submitted to the participating municipalities as “unmet or unaccommodated” priorities for consideration during the 2019 budget process. It is proposed that TRCA staff enter into discussions with staff from City of Toronto and the regions of Durham, Peel and York (participating municipalities) regarding opportunities for these unmet needs in their respective capital budgets.

DETAILS OF WORK TO BE DONE

The 2018 budget was prepared with a 1.25% cost of living adjustment increase, consistent with the prior year, however this has not gone into effect and a recommendation will be brought to the Authority, once the compensation project is completed; as this will form the foundation for the revised salary grid.

When revised salary grid is brought to the Authority, TRCA staff will also present the final 2018 budget for approval.

Staff will continue to refine the 2019 budget to meet guidelines that will be provided by the municipal partners with anticipated preliminary submissions in late May 2018.

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Date: February 12, 2018

Attachments: 3

Attachment 1

Municipal Capital Budgets

Service Areas	Approved Budget		Projected Budget
	2017	2018	2019
1 Watershed Studies and Strategies Total	1,046,000	1,186,000	1,278,000
2 Water Risk Management Total	15,249,000	15,522,100	16,673,000
3 Regional Biodiversity Total	6,674,000	6,755,200	6,992,000
4 Greenspace Securement and Management Total	2,176,000	1,882,000	2,766,000
5 Tourism and Recreation Total	1,566,000	3,918,000	2,963,000
6 Planning and Development Total	862,000	877,000	892,000
7 Education and Outreach Total	2,440,000	5,703,500	1,580,000
8 Sustainable Communities Total	4,310,220	4,440,700	4,808,700
9 Corporate Services Total	2,435,371	2,555,571	3,494,571
TOTAL CAPITAL	36,758,591	42,840,071	41,447,271

	Approved Budget		Projected Budget	
	2017	2018	2019	
Regional Municipality of Durham Details				
1	Watershed Studies and Strategies Total	9,000	9,000	82,000
2	Water Risk Management Total	337,000	337,000	355,000
3	Regional Biodiversity Total	410,000	423,200	418,000
4	Greenspace Securement and Management Total	3,000	2,800	2,800
5	Tourism and Recreation Total	105,000	105,000	110,000
6	Planning and Development Total	14,000	14,200	14,200
7	Education and Outreach Total	-	-	-
8	Sustainable Communities Total	101,220	102,200	104,200
9	Corporate Services Total	82,371	81,671	81,671
	TOTAL	1,061,591	1,075,071	1,167,871
Regional Municipality of Peel Details				
1	Watershed Studies and Strategies Total	622,000	742,000	761,000
2	Water Risk Management Total	2,397,000	2,107,000	2,333,000
3	Regional Biodiversity Total	3,807,000	3,799,000	3,816,000
4	Greenspace Securement and Management Total	1,721,000	1,421,400	2,298,400
5	Tourism and Recreation Total	850,000	872,000	769,000
6	Planning and Development Total	420,000	434,000	449,000
7	Education and Outreach Total	2,119,000	5,379,500	1,253,000
8	Sustainable Communities Total	2,882,000	2,942,100	3,200,100
9	Corporate Services Total	831,000	916,000	1,346,000
	TOTAL	15,649,000	18,613,000	16,225,500
City of Toronto Details				
1	Watershed Studies and Strategies Total	226,000	246,000	246,000
2	Water Risk Management Total	10,692,000	11,247,000	12,144,000
3	Regional Biodiversity Total	1,449,000	1,486,000	1,501,000
4	Greenspace Securement and Management Total	64,000	64,400	64,400
5	Tourism and Recreation Total	611,000	2,941,000	2,641,000
6	Planning and Development Total	322,000	321,800	321,800
7	Education and Outreach Total	147,000	147,000	147,000
8	Sustainable Communities Total	863,000	928,200	1,026,200
9	Corporate Services Total	901,000	936,600	960,600
	TOTAL	15,275,000	18,318,000	19,052,000
Regional Municipality of York Details				
1	Watershed Studies and Strategies Total	189,000	189,000	189,000
2	Water Risk Management Total	1,823,000	1,831,100	1,841,000
3	Regional Biodiversity Total	1,008,000	1,047,000	1,081,000
4	Greenspace Securement and Management Total	388,000	393,400	400,400
5	Tourism and Recreation Total	-	-	-
6	Planning and Development Total	106,000	107,000	107,000
7	Education and Outreach Total	174,000	177,000	180,000
8	Sustainable Communities Total	464,000	468,200	478,200
9	Corporate Services Total	621,000	621,300	621,300
	TOTAL	4,773,000	4,834,000	4,897,900

Watershed Studies and Strategies

		Approved 2017	2018	Projected 2019
1.1 Watershed Planning and Reporting				
Toronto Planning Initiatives				
	Toronto	80,000	100,000	100,000
Watershed Plan Development				
	Durham	-	-	44,000
	Peel	77,000	77,000	77,000
	Toronto	78,000	78,000	78,000
	York	101,000	101,000	101,000
Watershed and Environmental Report Cards				
	Durham	-	-	29,000
	Peel	50,000	50,000	51,000
	Toronto	52,000	52,000	52,000
	York	68,000	68,000	68,000
1.1 Watershed and Waterfront Plans Total		506,000	526,000	600,000
1.2 Climate Science				
Climate Science Application Program				
	Peel	480,000	600,000	618,000
Climate Change - Research and Adaptation				
	Durham	9,000	9,000	9,000
	Peel	15,000	15,000	15,000
	Toronto	16,000	16,000	16,000
	York	20,000	20,000	20,000
1.2 Climate Science		540,000	660,000	678,000
1 - Watershed Studies and Strategies Total		1,046,000	1,186,000	1,278,000

Water Risk Management

		Approved		Projected
		2017	2018	2019
2.1 Water Resource Science				
YPDT - Regional Groundwater Management Programs				
	Durham	175,000	175,000	175,000
	Peel	175,000	175,000	175,000
	Toronto	175,000	175,000	175,000
	York	175,000	175,000	175,000
Regional Watershed Monitoring Program				
	Durham	87,000	87,000	87,000
	Peel	155,000	155,000	155,000
	Toronto	155,000	155,000	155,000
	York	203,000	203,000	203,000
Flood Line Mapping Program				
	Durham	20,000	20,000	38,000
	Peel	80,000	80,000	67,000
	Toronto	70,000	70,000	67,000
	York	80,000	80,000	88,000
Stormwater Management Innovation				
	Peel	100,000	100,000	-
Management and Evaluation - Stormwater				
	York	59,000	60,000	61,000
Stormwater Pond Maintenance				
	York	50,000	50,000	50,000
2.1 Water Resource Science		1,759,000	1,760,000	1,671,000
2.2 Flood Management				
Flood Gauging (Flood Maintenance)				
	Durham	35,000	35,000	35,000
	Peel	62,000	62,000	62,000
	Toronto	62,000	62,000	62,000
	York	81,000	81,000	81,000

Water Risk Management

		Approved		Projected
		2017	2018	2019
Flood Protection and Remedial Studies				
	Peel	50,000	52,000	54,000
	Toronto	75,000	80,000	80,000
	York	105,000	107,000	109,000
Flood Control Infrastructure Maintenance				
	Durham	20,000	20,000	20,000
	Peel	325,000	325,000	335,000
	Toronto	67,000	67,000	67,000
	York	70,000	70,000	71,000
Flood Remedial Works				
	Peel	500,000	200,000	506,000
2.2 Flood Management		1,452,000	1,161,000	1,482,000
2.3 Erosion Management				
Watershed Erosion Monitoring and Maintenance Program				
	Peel	250,000	258,000	258,000
	Toronto	400,000	400,000	400,000
	York	860,000	860,000	860,000
Erosion Monitoring and Maintenance Program - TRCA				
	York	140,000	145,100	143,000
Erosion Maintenance Projects				
	Peel	700,000	700,000	721,000
Erosion Work Major Maintenance				
	Toronto	1,150,000	1,150,000	1,200,000
Ashbridge's Bay - Coatsworth Cut Dredging Program				
	Toronto	300,000	300,000	250,000
Waterfront Major Maintenance Program				
	Toronto	188,000	188,000	188,000
447-449 Guildwood Parkway				
	Toronto	1,500,000	1,500,000	-
Flood Control Channel Maintenance				
	Toronto	500,000	300,000	200,000

Water Risk Management

		Approved		Projected
		2017	2018	2019
Future Erosion Risk Mitigation Strategy				
	Toronto	300,000	-	-
Valley Erosion Hazards (including July 8, 2013)				
	Toronto	3,720,000	2,600,000	4,000,000
Denison Drive West				
	Toronto	-	-	750,000
Beechgrove Drive				
	Toronto		100,000	750,000
Enhanced Waterfront Maintenance Strategy (Marie Curtis Park to Marilyn Bell Park)				
	Toronto	250,000	-	-
Waterfront Major Maintenance & Remedial Works				
	Toronto	-	1,600,000	1,000,000
Waterfront Information Management				
	Toronto	50,000	-	-
Gibraltar Point				
	Toronto	230,000	1,000,000	2,800,000
1 Midland - 81 - 83 Fishleigh				
	Toronto	1,500,000	1,500,000	-
2.3 Erosion Management		12,038,000	12,601,100	13,520,000
2 -Water Risk Management Total		15,249,000	15,522,100	16,673,000

Regional Biodiversity

		Approved		Projected
		2017	2018	2019
3.1 Ecosystem Management Research and Directions				
Aquatic Ecosystem Science Program				
	Durham	33,000	33,000	33,000
	Peel	59,000	59,000	59,000
	Toronto	60,000	60,000	60,000
	York	78,000	78,000	78,000
Terrestrial Ecosystem Science Program				
	Durham	19,000	19,000	35,000
	Peel	100,000	103,000	62,000
	Toronto	60,000	60,000	62,000
	York	60,000	60,000	81,000
Terrestrial Natural Heritage Field Inventory Program				
	Durham	46,000	61,000	61,000
	Peel	84,000	110,000	110,000
	Toronto	85,000	110,000	110,000
	York	110,000	144,000	144,000
Stream Crossing Guidelines Development Project				
	Peel	75,000	77,000	77,000
	York	25,000	26,000	27,000
3.1 Ecosystem Management Research and Directions		894,000	1,000,000	999,000
3.2 Biodiversity Monitoring				
Regional Watershed Monitoring Program				
	Durham	104,000	104,000	104,000
	Peel	186,000	186,000	186,000
	Toronto	186,000	186,000	186,000
	York	243,000	243,000	243,000
Durham Waterfront Monitoring Program				
	Durham	15,000	15,000	16,000
Post Construction Channel Monitoring				
	Peel	60,000	62,000	64,000

Regional Biodiversity

		Approved		Projected
		2017	2018	2019
Waterfront/Moraine Migratory Bird Corridor				
	Toronto	31,000	32,000	33,000
Waterfront Environmental Monitoring Program				
	Toronto	245,000	245,000	245,000
3.2 Biodiversity Monitoring		1,070,000	1,073,000	1,077,000
3.3 Restoration and Regeneration				
Terrestrial Natural Heritage Implementation Program				
	Durham	35,000	40,000	41,000
Duffins-Carruthers Fish Management Plan Implementation				
	Durham	34,000	35,000	36,000
Duffins Marsh Restoration Program				
	Durham	35,000	35,000	36,000
Canada Goose Management Program				
	Peel	40,000	41,000	42,000
	Toronto	37,000	38,000	39,000
	York	10,000	10,000	12,000
Habitat for Wildlife Program				
	Peel	15,000	15,000	16,000
	Toronto	13,000	13,000	14,000
	York	11,000	11,000	12,000
Wetland Restoration - Watershed				
	Peel	70,000	72,000	74,000
	York	60,000	60,000	61,000
Riparian and Valleyland Restoration- Watershed				
	Peel	167,000	172,000	177,000
	York	60,000	60,000	61,000
Stream Restoration - Watershed				
	Peel	140,000	144,000	148,000
Terrestrial Restoration -Watershed				
	Peel	60,000	62,000	64,000
	York	57,000	57,000	58,000
Wetland Restoration- Climate				
	Peel	300,000	309,000	318,000
Riparian and Valleyland Restoration- Climate				
	Peel	275,000	283,000	291,000
Stream Restoration - Climate				
	Peel	275,000	283,000	291,000
Terrestrial Restoration - Climate				
	Peel	225,000	232,000	239,000

Regional Biodiversity

		Approved		Projected
		2017	2018	2019
Green Infrastructure - Climate				
	Peel	100,000	103,000	106,000
Natural Channel Project Implementation				
	Peel	650,000	670,000	690,000
Reforestation Program - Private Lands				
	Peel	175,000	180,000	185,000
Private Land Stewardship: Tree & Shrub Program				
	Peel	150,000	155,000	160,000
	York	37,000	37,000	38,000
Bioregional Seed Crop Program				
	Durham	14,000	14,000	14,000
	Peel	24,000	24,000	24,000
	Toronto	25,000	25,000	25,000
	York	32,000	32,000	32,000
Etobicoke-Mimico Habitat Implementation				
	Toronto	38,000	39,000	40,000
Humber River Watershed Habitat Implementation Program				
	Toronto	57,000	59,000	61,000
Rouge Watershed Habitat Implementation Plan Projects				
	Toronto	64,000	66,000	68,000
Toronto Waterfront Terrestrial and Aquatic Restoration Program				
	Toronto	106,000	109,000	112,000
Don River and Highland Creek Restoration Program				
	Toronto	72,000	74,000	76,000
Keating Channel Flood Control Project				
	Toronto	320,000	320,000	320,000
Tommy Thompson Park - Cell Capping Program				
	Toronto	50,000	50,000	50,000
Richmond Hill Planting Partnership				
	York	30,000	30,000	31,000
3.3 Restoration and Regeneration		3,863,000	3,959,000	4,062,000

Regional Biodiversity

		Approved		Projected
		2017	2018	2019
3.4 Forest Management				
Managing Hazard Trees Program				
	Durham	75,000	67,200	42,000
	Peel	13,000	13,000	190,000
	York	160,000	162,000	165,000
Emerald Ash Borer Response				
	Peel	215,000	85,000	50,000
TRCA Forest Management - Peel				
	Peel	275,000	283,000	91,000
Reforestation for Biodiversity Program				
	Peel	40,000	41,000	242,000
	York	35,000	37,000	38,000
Peel Forest Management Program				
	Peel	34,000	35,000	36,000
3.4 Forest Management		847,000	723,200	854,000
3 - Regional Biodiversity Total		6,674,000	6,755,200	6,992,000

Greenspace Securement and Management

		Approved		Projected
		2017	2018	2019
4.1 Greenspace Securement				
Greenspace Land Acquisition Program				
	Durham	3,000	2,800	2,800
	Peel	11,000	11,400	11,400
	Toronto	64,000	64,400	64,400
	York	22,000	21,400	21,400
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4.1 Greenspace Securement		100,000	100,000	100,000
4.2 Greenspace Management				
Conservation Land Care Program				
	Peel	1,175,000	1,210,000	1,246,000
	York	366,000	372,000	379,000
Albion Hills Master Plan				
	Peel	535,000	200,000	1,041,000
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4.2 Greenspace Management		2,076,000	1,782,000	2,666,000
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4 - Land Securement and Management Total		2,176,000	1,882,000	2,766,000
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Tourism and Recreation

		Approved		Projected
		2017	2018	2019
5.1 Conservation Parks				
Energy Efficiency Program				
	Peel	75,000	77,000	79,000
Audubon Certification for CA's				
	Peel	50,000	52,000	54,000
Claireville Programs and Infrastructure				
	Peel	75,000	77,000	79,000
Parks Infrastructure Project				
	Peel	525,000	541,000	-
5.1 Conservation Parks		725,000	747,000	212,000
5.2 Waterfront Parks				
Tommy Thompson Park Management Program				
	Toronto	240,000	270,000	270,000
Arsenal Building Renovation				
	Peel	125,000	125,000	-
Frenchman's Bay Management Plan Program				
	Durham	10,000	10,000	12,000
5.2 Waterfront Parks		375,000	405,000	282,000
5.3 Trails				
Durham Watershed Trails Program				
	Durham	65,000	65,000	66,000
Durham Waterfront Trails Program				
	Durham	30,000	30,000	32,000
5.3 Trails		95,000	95,000	98,000
5.4 Black Creek Pioneer Village				
Black Creek Pioneer Village Retrofit Program				
	Toronto	371,000	2,671,000	2,371,000
5.4 Black Creek Pioneer Village		371,000	2,671,000	2,371,000
5 - Tourism and Recreation Total		1,566,000	3,918,000	2,963,000

Planning and Development

	Approved		Projected
	2017	2018	2019
6.1 Policy Development and Review			
Planning & Regulation Policy Updates Program			
Durham	8,000	8,500	8,500
Peel	35,000	34,200	34,200
Toronto	193,000	193,100	193,100
York	64,000	64,200	64,200
6.1 Policy Development and Review	300,000	300,000	300,000
6.2 Development Planning and Regulation Permitting			
Growth Management and Specialized Planning Studies Program			
Durham	6,000	5,700	5,700
Peel	23,000	22,800	22,800
Toronto	129,000	128,700	128,700
York	42,000	42,800	42,800
6.2 Development Planning and Regulation Permitting	200,000	200,000	200,000
6.3 Environmental Assessment Planning and Permitting			
Environmental Assessment Reviews Program			
Peel	362,000	377,000	392,000
6.3 Environmental Assessment Planning and Permitting	362,000	377,000	392,000
6 - Planning and Development Total	862,000	877,000	892,000

Education and Outreach

		Approved		Projected
		2017	2018	2019
7.1 School Programs				
Environmental Leaders of Tomorrow	Peel	165,000	170,000	175,000
Stewardship Partnership Services	Peel	237,000	244,000	251,000
Investigating City Space	Peel	27,000	28,000	29,000
Demographics and Characteristics Mapping	Peel	45,000	46,000	47,000
Conservation Youth Corps Program	Peel	90,000	93,000	96,000
	York	22,000	23,000	23,000
Peel Education Outreach Services	Peel	184,000	190,000	196,000
Peel Children's Water Festival	Peel	55,000	57,000	59,000
Eco-Schools Expansion Program	Peel	289,000	298,000	307,000
Toronto Outreach Education Services	Toronto	104,000	104,000	104,000
York Children's Water Festival Program	York	41,000	42,000	43,000
York Outreach Ed Services	York	70,000	70,000	71,000
7.1 School Programs		1,329,000	1,365,000	1,401,000
7.2 Family and Community Programs				
Bolton Camp Site(Servicing/Programing)	Peel	967,000	1,591,500	29,000
	Peel	-	2,600,000	-
7.2 Family and Community Programs		967,000	4,191,500	29,000

Education and Outreach

	Approved		Projected
	2017	2018	2019
7.3 Newcomer Employment and Education			
Multicultural Environmental Stewardship Program			
Peel	60,000	62,000	64,000
Toronto	43,000	43,000	43,000
York	41,000	42,000	43,000
7.3 Newcomer Employment and Education	144,000	147,000	150,000
7 - Education and Outreach Total	2,440,000	5,703,500	1,580,000

Sustainable Communities

		Approved		Projected
		2017	2018	2019
8.1 Living City Transition Program				
Sustainable Neighbourhood Retrofit Action Plan Program				
	Peel	350,000	361,000	372,000
	Toronto	200,000	200,000	200,000
	York	75,000	75,000	77,000
Community Transformation Partnership Program - CVA				
	Durham	4,000	4,200	4,200
	Peel	17,000	17,100	17,100
	Toronto	97,000	96,500	96,500
	York	32,000	32,200	32,200
Community Transformation Partnership Program				
	Peel	300,000	309,000	318,000
Pearson Eco-Business Program				
	Peel	400,000	412,000	424,000
	Toronto	50,000	82,700	82,700
	York	35,000	35,000	36,000
Sustainable Technologies Evaluation Program- Water, Air, Energy				
	*Peel - Climate	236,000	243,000	250,000
	Peel	150,000	155,000	160,000
	Toronto	131,000	138,000	140,000
	York	138,000	139,000	142,000
Living City Campus Development and Programming				
	Peel	70,000	72,000	74,000
	Toronto	30,000	30,000	30,000
	York	17,000	17,000	17,000
Green Build Council Support				
	Peel	75,000	50,000	25,000
	Toronto	30,000	30,000	30,000
Climate Change Consortium				
	Peel	150,000	155,000	160,000
Urban Agriculture - Growing Local Food				
	Peel	145,000	149,000	153,000
Rural Clean Water Program				
	Peel	88,000	90,000	90,000
	York	37,000	40,000	42,000
8.1 Living City Transition Program		2,857,000	2,932,700	2,972,700

Sustainable Communities

		Approved		Projected
		2017	2018	2019
8.2 Community Engagement				
Stewardship				
	Durham	50,000	50,000	51,000
	Peel	98,000	101,000	104,000
	Toronto	85,000	85,000	85,000
	York	100,000	100,000	102,000
Duffins-Carruthers Watershed Plan Implementation				
	Durham	47,220	48,000	49,000
Toronto Community Habitat Improvement Program				
	Toronto	100,000	100,000	120,000
Highland Creek Valley and Stream Greening Program				
	Toronto	80,000	106,000	169,000
Community Implementation Etobicoke - Mimico Restoration Priorities				
	Toronto	60,000	60,000	73,000
	Peel	202,000	208,000	314,000
West Humber Stewardship Program				
	Peel	120,000	124,000	128,000
Natural and Human Heritage Discovery Walk				
	Peel	55,000	57,000	59,000
Etobicoke-Mimico Stewardship Program				
	Peel	120,000	124,000	128,000
Etobicoke Headwaters Subwatershed Regeneration				
	Peel	175,000	180,000	185,000
Humber Community Environmental Enhancement Program				
	Peel	51,000	53,000	155,000
West Humber Valley and Stream Regeneration Program				
	Peel	80,000	82,000	84,000
William Granger Greenway Program				
	York	10,000	10,000	10,000
East Humber Community Habitat Improvement Project				
	York	20,000	20,000	20,000
8.2 Community Engagement		1,453,220	1,508,000	1,836,000
8 - Sustainable Communities Total		4,310,220	4,440,700	4,808,700

Corporate Services

	Approved		Projected
	2017	2018	2019
9.1 Corporate Management and Governance			
Major Facilities Retrofit Program			
Durham	28,000	28,300	28,300
Peel	114,000	113,900	113,900
Toronto	644,000	643,600	643,600
York	214,000	214,200	214,200
Office Accomodation Project			
Durham	42,371	42,371	42,371
Peel	172,000	171,100	171,100
Toronto	-	36,000	60,000
York	321,000	321,100	321,100
Asset Management Implementation			
Peel	500,000	585,000	1,500,000
9.1 Corporate Management and Governance			
	2,035,371	2,155,571	3,094,571
Information Technology Replacement Program			
Durham	12,000	11,000	11,000
Peel	45,000	46,000	46,000
Toronto	257,000	257,000	257,000
York	86,000	86,000	86,000
9.6 Information Infrastructure and Management			
	400,000	400,000	400,000
9 - Corporate Services Total			
	2,435,371	2,555,571	3,494,571
Total Municipal Capital Budget			
	36,716,591	42,813,471	41,447,271

Municipal Operating Budgets

Municipality	Approved Budget		Projected Budget
	2017	2018	2019
Township of Adjala - Tosorontio	870	870	1,000
The Regional Municipality of Durham	526,025	539,120	555,000
Town of Mono	2,105	1,710	2,000
The Regional Municipality of Peel	1,798,000	1,856,000	1,917,000
City of Toronto	8,404,400	8,602,100	8,817,200
The Regional Municipality of York	3,197,000	3,322,000	3,344,000
TOTAL OPERATING	13,928,400	14,321,800	14,636,200

Unmet Priorities - Projects and Programs

Project	Service Area	Municipality	Anticipated Total Cost	Projected										
				2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
CA Trails Digital Mapping	5	Durham	29,000	29,000	TBD									
Capital Asset Management Plan Implementation	9	Durham	2,500,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Claremont Improvement and Retrofit	7	Durham	500,000	500,000	-	-	-	-	-	-	-	-	-	-
Compensation Restoration Habitat Bank		Durham	60,000	30,000	30,000	-	-	-	-	-	-	-	-	-
Emerald Ash Borer	3	Durham	1,150,000	175,000	275,000	275,000	275,000	150,000	-	-	-	-	-	-
Frenchman's Bay Rotary Park West Master Plan Implementation	4	Durham	175,000	100,000	75,000	-	-	-	-	-	-	-	-	-
Greenspace Management and Land Care	4	Durham	2,000,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Outdoor Education	7	Durham	15,080,000	1,740,000	1,740,000	1,740,000	1,740,000	1,450,000	1,450,000	1,450,000	1,450,000	1,160,000	1,160,000	1,160,000
Paradise Park Restoration	3	Durham	200,000	200,000	-	-	-	-	-	-	-	-	-	-
Post Projects Long-term Maintenance Program	3	Durham	296,000	20,000	22,000	22,000	28,000	28,000	32,000	32,000	36,000	36,000	40,000	40,000
Projects on Watershed Formula	Multi	Durham	1,290,000	110,000	110,000	110,000	135,000	135,000	135,000	135,000	140,000	140,000	140,000	140,000
Petticoat Creek Electrical System Replacement	5	Durham	500,000	250,000	250,000	-	-	-	-	-	-	-	-	-
Petticoat Creek Road Upgrades	5	Durham	600,000	200,000	200,000	200,000	-	-	-	-	-	-	-	-
Restoration Projects Enhancement	3	Durham	600,000	50,000	54,000	54,000	60,000	60,000	62,000	62,000	65,000	65,000	68,000	68,000
Toronto Wildlife Centre	4	Durham	435,000	145,000	145,000	145,000	-	-	-	-	-	-	-	-
Watershed Plan Development	1	Durham	1,160,000	116,000	116,000	116,000	116,000	116,000	116,000	116,000	116,000	116,000	116,000	116,000
			26,575,000	4,115,000	3,467,000	3,112,000	2,804,000	2,389,000	2,245,000	2,245,000	2,257,000	1,967,000	1,974,000	1,974,000
Albion Hills Conservation Area Master Plan Implementation	5	Peel	19,800,000	1,800,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Albion Hills Conservation Area Road and Guard Rail Improvements	5	Peel	515,000	515,000	-	-	-	-	-	-	-	-	-	-
Albion Hills Field Centre Accessibility AODA	5	Peel	225,000	225,000	-	-	-	-	-	-	-	-	-	-
Bolton Camp Community Infrastructure	7	Peel	10,000,000	2,500,000	2,500,000	2,500,000	2,500,000	-	-	-	-	-	-	-
CA Trails Digital Mapping	5	Peel	52,000	52,000	TBD									
Capital Asset Management Plan Implementation	9	Peel	9,500,000	500,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Claireville Conservation Area Water Service Replacement	9	Peel	300,000	300,000	-	-	-	-	-	-	-	-	-	-
Compensation Restoration Habitat Bank	3	Peel	60,000	30,000	30,000	-	-	-	-	-	-	-	-	-
Heart Lake Sewer Servicing	5	Peel	1,000,000	800,000	200,000	-	-	-	-	-	-	-	-	-
Outdoor Education	7	Peel	26,832,000	3,096,000	3,096,000	3,096,000	3,096,000	2,580,000	2,580,000	2,580,000	2,580,000	2,064,000	2,064,000	2,064,000
Post Projects Long-term Maintenance Program	3	Peel	512,000	40,000	44,000	44,000	48,000	48,000	55,000	55,000	58,000	58,000	62,000	62,000
Sustainable Neighbourhoods	8	Peel	900,000	-	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Toronto Golf Club Barrier Mitigation	3	Peel	100,000	100,000	-	-	-	-	-	-	-	-	-	-
Toronto Wildlife Centre	4	Peel	1,695,000	565,000	565,000	565,000	-	-	-	-	-	-	-	-
Watershed Plan Development	1	Peel	2,060,000	206,000	206,000	206,000	206,000	206,000	206,000	206,000	206,000	206,000	206,000	206,000
			71,491,000	10,523,000	9,535,000	9,305,000	8,744,000	5,728,000	5,735,000	5,735,000	5,738,000	5,222,000	5,226,000	5,226,000
Black Creek Pioneer Village - State of Good Repair	5	Toronto	13,000,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000
Black Creek Pioneer Village Area Master Plan	5	Toronto	500,000	100,000	200,000	200,000	-	-	-	-	-	-	-	-
Black Creek Pioneer Village Retrofit Program - Enhancement	5	Toronto	4,000,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
CA Trails Digital Mapping	5	Toronto	52,000	52,000	TBD									
Capital Asset Management Plan Implementation	9	Toronto	5,000,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
Climate Research and Resilience	1	Toronto	750,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
Compensation Restoration Habitat Bank	3	Toronto	60,000	30,000	30,000	-	-	-	-	-	-	-	-	-
Flood Mitigation Priority Enhancements	2	Toronto	1,500,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
Floodline Mapping Enhancement	2	Toronto	680,000	680,000	-	-	-	-	-	-	-	-	-	-
Greenlands Acquisition Project	4	Toronto	33,250,000	2,250,000	2,500,000	2,750,000	3,000,000	3,250,000	3,500,000	3,750,000	4,000,000	4,250,000	4,000,000	4,000,000
Lower Don Restoration Project	2	Toronto	4,000,000	100,000	200,000	1,200,000	1,200,000	1,300,000	-	-	-	-	-	-
Morningside Creek (Culvert Replacement and Stream Restoration)	3	Toronto	150,000	150,000	-	-	-	-	-	-	-	-	-	-
Outdoor Education	7	Toronto	26,936,000	3,108,000	3,108,000	3,108,000	3,108,000	2,590,000	2,590,000	2,590,000	2,590,000	2,072,000	2,072,000	2,072,000
Post Projects Long-term Maintenance Program	3	Toronto	531,000	45,000	48,000	48,000	52,000	52,000	54,000	54,000	58,000	58,000	62,000	62,000
PPG - Eco-Business Zone - Toronto East End	8	Toronto	2,480,000	320,000	370,000	250,000	250,000	250,000	230,000	210,000	200,000	200,000	200,000	200,000
Restoration Projects Enhancement	3	Toronto	600,000	50,000	54,000	54,000	60,000	60,000	62,000	62,000	65,000	65,000	68,000	68,000
Scarborough Bluff West EA	1	Toronto	3,475,000	875,000	1,300,000	1,300,000	-	-	-	-	-	-	-	-
Scarborough Bluffs West Implementation	1	Toronto	30,000,000	-	-	2,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
Sustainable Neighbourhoods	8	Toronto	1,200,000	250,000	275,000	300,000	375,000	-	-	-	-	-	-	-
South Mimico Trail Connection	5	Toronto	2,000,000	1,300,000	700,000	-	-	-	-	-	-	-	-	-
Special Policy Areas (SPAs) and Flood Vulnerable Areas (FVAs) Reviews	6	Toronto	150,000	150,000	TBD	TBD	-	-	-	-	-	-	-	-
Tommy Thompson Park Enhancements	5	Toronto	17,700,000	1,000,000	4,200,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	-	-	-
Toronto Wildlife Centre	4	Toronto	9,705,000	3,235,000	3,235,000	3,235,000	-	-	-	-	-	-	-	-
Waterfront Rehabilitation	3	Toronto	100,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Watershed Plan Development	1	Toronto	2,070,000	207,000	207,000	207,000	207,000	207,000	207,000	207,000	207,000	207,000	207,000	207,000
			259,789,000	26,327,000	28,852,000	29,577,000	26,677,000	26,134,000	25,068,000	25,298,000	25,545,000	23,277,000	23,034,000	23,034,000

Project	Service Area	Municipality	Anticipated Total Cost	Projected										
				2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
Black Creek North Master Plan Implementation	5	York	9,250,000	462,500	976,389	976,389	976,389	976,389	976,389	976,389	976,389	976,389	976,389	976,389
Boyd Conservation Area Road Improvements	5	York	415,000	415,000	-	-	-	-	-	-	-	-	-	-
Boyd Office Improvements (Asset Management)	9	York	200,000	200,000	-	-	-	-	-	-	-	-	-	-
Boyd / Restoration Service Centre Campus (Asset Management)	9	York	4,000,000	1,000,000	1,000,000	1,000,000	1,000,000	-	-	-	-	-	-	-
CA Trails Digital Mapping	5	York	68,000	68,000	TBD									
Capital Asset Management Plan Implementation	9	York	11,250,000	-	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000
Community Engagement	8	York	1,700,000	170,000	170,000	170,000	170,000	170,000	170,000	170,000	170,000	170,000	170,000	170,000
Condition Assessments - York Region	9	York	500,000	500,000	-	-	-	-	-	-	-	-	-	-
Compensation Restoration Habitat Bank	3	York	60,000	30,000	30,000	-	-	-	-	-	-	-	-	-
Greenspace Implementation - Humber Trails Bridge Replacement	5	York	75,000	75,000	-	-	-	-	-	-	-	-	-	-
Greenspace Management - Land Planning and Monitoring	4	York	2,000,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Greenspace Management - Trail Planning and Monitoring	5	York	2,550,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000	255,000
Humber Trail Connection	5	York	24,000,000	500,000	500,000	500,000	500,000	2,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
Lake St George Improvement and Retrofit	7	York	200,000	200,000	-	-	-	-	-	-	-	-	-	-
Mayvon Pond	3	York	30,000	30,000	-	-	-	-	-	-	-	-	-	-
Milne Dam Conservation Park Master Plan	4	York	400,000	200,000	150,000	50,000	-	-	-	-	-	-	-	-
Nashville Conservation Reserve - Kirby Road Multi-Use Trail Phase 2	5	York	125,000	125,000	-	-	-	-	-	-	-	-	-	-
Nashville Master Plan	4	York	5,500,000	400,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	300,000
Outdoor Education	7	York	35,152,000	4,056,000	4,056,000	4,056,000	4,056,000	3,380,000	3,380,000	3,380,000	3,380,000	2,704,000	2,704,000	2,704,000
Partners in Project Green - "Once Through Cooling" Program	8	York	1,000,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Post Projects Long-term Maintenance Program	3	York	498,000	40,000	44,000	44,000	48,000	48,000	52,000	52,000	55,000	55,000	60,000	60,000
Restoration Projects Enhancement	3	York	600,000	50,000	54,000	54,000	60,000	60,000	62,000	62,000	65,000	65,000	68,000	68,000
Restoration Service Centre Improvement (Asset Management)	9	York	300,000	300,000	-	-	-	-	-	-	-	-	-	-
SNAP	8	York	940,000	130,000	175,000	280,000	355,000	-	-	-	-	-	-	-
Toronto Wildlife Centre	4	York	3,210,000	1,070,000	1,070,000	1,070,000	-	-	-	-	-	-	-	-
Vitullo Pond Decommissioning and Restoration	3	York	80,000	80,000	-	-	-	-	-	-	-	-	-	-
Watershed Plan Development	1	York	2,700,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000
York Land and Boundary Management	4	York	1,000,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
York Trail Management and Implementation	5	York	2,250,000	300,000	300,000	300,000	300,000	300,000	150,000	150,000	150,000	150,000	150,000	150,000
			110,053,000	11,326,500	11,300,389	11,275,389	10,240,389	9,709,389	11,565,389	11,565,389	11,571,389	10,895,389	10,603,389	10,603,389
			467,908,000	52,291,500	53,154,389	53,269,389	48,465,389	43,960,389	44,613,389	44,843,389	45,111,389	41,361,389	41,361,389	40,837,389

Section I – Items for Authority Action

TO: Chair and Members of the Budget/Audit Advisory Board
Meeting #1/18, Friday, March 02, 2018

FROM: Michael Tolensky, Chief Financial Officer

RE: **YORK CAPITAL FUNDING CARRYFORWARD REALLOCATION**
Approval to Request Reallocation

KEY ISSUE

Approval to request reallocation of York Region capital levy carryforward, in order to fund private property erosion projects, as the original purpose for the carryforward will not be realized.

RECOMMENDATION

THE BOARD RECOMMENDS TO THE AUTHORITY THAT Toronto and Region Conservation Authority (TRCA) staff be directed to request of York Region the reallocation of York Region capital levy carryforward funds to a Private Property Erosion Hazard Mitigation Program.

BACKGROUND

TRCA has identified 36 private properties within the Region of York that are currently at risk due to erosion hazards. A new Private Property Erosion Hazard Mitigation Program (PPEHM) has been identified as a need within the Regional Municipality of York (York Region) to address a growing number of slope instability and erosion hazards that are placing private properties at risk.

As a subprogram of TRCA's long-standing Erosion Management Program, which has historically focused on the protection of public lands, this initiative seeks to systematically address erosion hazards threatening privately-owned lands, which is a systemic problem that is typically beyond most homeowners' financial and technical ability to mitigate on their own.

Under this program, the project team will assess known erosion hazards stemming from private or public property to prioritize and reduce or eliminate these risks across York Region through the planning, design and implementation of appropriate erosion control works.

This program is already offered extensively in the City of Toronto, where the municipality has utilized TRCA's expertise to help mitigate past development decisions with cost-effective solutions that also foster resilient watersheds and contribute to the expansion of safe and enjoyable public greenspace.

Although TRCA is not compelled legally to assist private landowners with erosion control works, TRCA offers this assistance recognizing that this expertise supports TRCA's municipal partners by mitigating past development decisions with cost-effective solutions that also foster resilient watersheds and contribute to the expansion of safe and enjoyable public greenspace.

Item 7.2

TRCA is a leading expert in erosion control works with nearly 40 years of specialized experience in the planning, design, permits, implementation and monitoring of erosion control works. Data collected and projects planned under the existing Integrated Infrastructure Protection Program developed specifically for Environmental Services Section (York Region Environmental Services) water and wastewater infrastructure will be cross-referenced and integrated into the initiatives under this proposed program wherever possible to reduce duplication of effort and streamline the project lifecycle to champion collaborative works that offer significant cost benefits.

RATIONALE

The Clean Water and Wastewater Fund (CWWF) is a federal program designed to accelerate short-term community investments, while supporting the rehabilitation and modernization of drinking water, wastewater and stormwater infrastructure, and the planning and design of future facilities and upgrades to existing systems. TRCA has carried forward approximately \$600,000 of York capital levy with the intent to have the funds match the 2017 CWWF application. However, given that the funds were not able to be used for the original intent as the CWWF did not allow for TRCA to supply the matching funding for the allocation, TRCA is proposing to re-purpose this funding to address the top priority site(s) identified by staff through the PPEHM program. The total estimated cost to address all known hazards at present is approximately \$11 million over a 10-year period.

The PPEHM program will prioritize erosion hazard sites to address imminent risks and proactively protect private property. Proactively managing erosion risks is critical to mitigating damage to structures and maintaining the safe use of property at these high risk sites. In addition, the Region will benefit economically from reduced costs as reactively implementing emergency works or condemning properties can be very costly and reduce tax revenues.

The PPEHM program will directly benefit the Regional Municipality of York and its constituents. The following lists some of the major benefits that can be expected through successful completion of this work:

- A better understanding of the erosion risks and current conditions within the Region;
- Improved safety for residents including reducing property and structure loss due to erosion and slope instability;
- Reduced potential liability by rehabilitating risks to private property and human safety due to erosion.

DETAILS OF WORK TO BE DONE

Staff will continue to develop the PPEHM program so that it can be brought forward to the Regional Municipality of York as a future initiative, and the repurposing of funds would act as a pilot for this new program. Staff will continue to work with the municipal partner to refine the scope of the priority sites including complete background studies, environmental assessments, detailed designs, permits and approvals, and implementation.

Report prepared by: Jenifer Moravek, extension 5659

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Date: February 7, 2018