

Grand River Conservation Authority Summary of Municipal Levy - 2020 Budget

February 28th, 2020

	% CVA in Watershed	2019 CVA (Modified)	CVA in Watershed	CVA-Based Apportionment	2020 Budget Matching Admin & Maintenance Levy	2020 Budget Non Matching Admin & Maintenance Levy	2020 Budget Capital Maintenance*	2020 Budget Total Levy	Actual 2019 Levy	% Change
Brant County	82.9%	6,445,704,057	5,343,488,664	2.80%	12,575	294,381	26,565	333,521	320,200	4.2%
Brantford City	100.0%	14,094,801,844	14,094,801,844	7.38%	33,169	776,505	70,073	879,747	859,526	2.4%
Amaranth Twp	82.0%	741,173,956	607,762,644	0.32%	1,430	33,483	3,022	37,935	36,818	3.0%
East Garafraxa Twp	80.0%	567,538,838	454,031,070	0.24%	1,068	25,013	2,257	28,338	27,694	2.3%
Town of Grand Valley	100.0%	508,048,182	508,048,182	0.27%	1,196	27,989	2,526	31,711	27,840	13.9%
Melancthon Twp	56.0%	548,535,978	307,180,148	0.16%	723	16,923	1,527	19,173	18,422	4.1%
Southgate Twp	6.0%	940,585,890	56,435,153	0.03%	133	3,109	281	3,523	3,437	2.5%
Haldimand County	41.0%	6,660,920,536	2,730,977,420	1.43%	6,427	150,454	13,577	170,458	166,879	2.1%
Norfolk County	5.0%	9,136,313,363	456,815,668	0.24%	1,075	25,167	2,271	28,513	27,947	2.0%
Halton Region	10.4%	43,072,861,004	4,486,635,761	2.35%	10,558	247,176	22,306	280,040	267,286	4.8%
Hamilton City	26.8%	88,141,299,524	23,577,797,623	12.34%	55,486	1,298,938	117,218	1,471,642	1,425,840	3.2%
Oxford County	37.5%	4,100,166,131	1,537,219,499	0.80%	3,618	84,688	7,642	95,948	92,876	3.3%
North Perth Twp	2.0%	2,050,788,963	41,015,779	0.02%	97	2,260	204	2,561	2,480	3.3%
Perth East Twp	40.0%	1,903,923,454	761,569,382	0.40%	1,792	41,956	3,786	47,534	45,247	5.1%
Waterloo Region	100.0%	97,165,516,725	97,165,516,725	50.85%	228,659	5,353,001	483,059	6,064,723	5,947,653	2.0%
Centre Wellington Twp	100.0%	4,825,004,290	4,825,004,290	2.53%	11,355	265,817	23,988	301,160	291,250	3.4%
Erin Twp	49.0%	2,434,448,511	1,192,879,770	0.62%	2,807	65,718	5,930	74,455	73,721	1.0%
Guelph City	100.0%	25,990,473,570	25,990,473,570	13.60%	61,164	1,431,856	129,213	1,622,233	1,576,986	2.9%
Guelph Eramosa Twp	100.0%	2,677,794,567	2,677,794,567	1.40%	6,302	147,524	13,313	167,139	163,892	2.0%
Mapleton Twp	95.0%	1,648,728,333	1,566,291,917	0.82%	3,686	86,289	7,787	97,762	94,062	3.9%
Wellington North Twp	51.0%	1,616,042,908	824,181,883	0.43%	1,940	45,405	4,097	51,442	50,151	2.6%
Puslinch Twp	75.0%	2,508,795,384	1,881,596,538	0.98%	4,428	103,660	9,354	117,442	115,793	1.4%
Total		317,779,466,008	191,087,518,099	100.00%	449,688	10,527,312	950,000	11,927,000	11,636,000	2.5%

*Capital Maintenance Levy represents levy allocated to maintenance of capital infrastructure, studies, and/or equipment.



2020 BUDGET

February 28, 2020

Grand River Conservation Authority

2020 Budget

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GRCA 2020 Budget Highlights

The Grand River Conservation Authority is a successful partnership of municipalities, working together to promote and undertake wise management of the water and natural resources of the Grand River watershed.

The Grand River stretches 300 kilometres from Dundalk in Dufferin County to Port Maitland on Lake Erie. It takes in one of the fastest growing regions in the province, with a population of approximately 1,000,000. The Grand River watershed is also home to some of the most intensively farmed land in the nation.

The prospect of high growth and the impact on water and natural resources and the quality of life present an enormous challenge to the GRCA, municipalities and all watershed residents. It creates an urgent need to work co-operatively to care wisely for the Grand River and its resources.

The work of the GRCA is divided into seven business areas:

- Reducing flood damages
- Improving water quality
- Maintaining reliable water supply
- Protecting natural areas and biodiversity
- Watershed planning
- Environmental education
- Outdoor recreation

In order to carry out these functions, the GRCA draws revenues from a variety of sources:

- User fees, such as park admissions, nature centre programs, planning fees and others which are set to offset most, if not all, the cost of these services
- Revenues from property rentals and hydro generation at our dams
- Municipal levies, which are applied primarily to watershed management programs
- Municipal grants dedicated to specific programs, such as the Rural Water Quality Program and Water Quality Monitoring
- Provincial transfer payments for water management operating expenses
- Provincial grants for specific purposes, such as studies on Source Water Protection and Capital Projects related to water management
- Donations from the Grand River Conservation Foundation for programs such as outdoor education, tree nursery operations and various special projects
- Federal grants and other miscellaneous sources of revenue

The GRCA continues to work on the updates and implementation of a Drinking Water Source Protection Plan for each of the four watersheds in the Lake Erie Source Protection Region, including the Grand River watershed, as part of the provincial Source Protection Program under the *Clean Water Act, 2006*. Besides supporting municipalities and other agencies in implementing the plans, the focus in 2020 continues on completing updates to the Grand River Source Protection Plan, including development of water quantity policies, updating water quality vulnerability assessments, and the development of the annual progress report for the Grand River Source Protection Plan.

In April 2018 the GRCA received approval from the Ministry of Natural Resources and Forestry to use up to \$1.8 million from the Land Sale Reserve for hazard tree management over a three year period. This funding has allowed the GRCA to accelerate its program of tree risk management to ensure the health and safety of the public using GRCA lands. This program will continue through 2020 and 2021.

1. Watershed Management and Monitoring

Watershed management and monitoring programs protect watershed residents from flooding and provide the information required to develop appropriate resource management strategies and to identify priority actions to maintain a healthy watershed. Activities include operation of flood and erosion control structures such as dikes and dams; flood forecasting and warning; water quality monitoring; natural heritage restoration and rehabilitation projects; water quantity assessment; watershed and subwatershed studies.

Operating Expenditures:

Water Resources Planning and Environment	\$2,235,700	(Table 1)
Flood Forecasting and Warning	\$ 764,700	(Table 2)
Water Control Structures	\$1,749,700	(Table 3)

Capital Expenditures: **\$3,000,000** (Section B)

Total Expenditures: **\$7,750,100**

Revenue sources: Municipal levies, provincial grants and reserves

2. Planning

Program areas:

- a) Natural Hazard Regulations
The administration of conservation authority regulations related to development in the floodplain, and other natural hazards e.g. wetlands, slopes, shorelines and watercourses.
- b) Plan Input and Review
Planning and technical review of municipal planning documents and recommending environmental policies for floodplains, wetlands and other environmentally significant areas; providing advice and information to municipal councils on development proposals and severances; review of environmental assessments; and providing outside consulting services on a fee-for-service basis to other conservation authorities and agencies.

Operating Expenditures: **\$2,063,800** (Table 4)

Capital Expenditures: **NIL**

Revenue sources: Permit fees, enquiry fees, plan review fees, and municipal levy

3. Watershed stewardship

The watershed stewardship program provides information and/or assistance to private and public landowners and community groups on sound water and environmental practices that will enhance, restore or protect their properties. Some activities are reforestation/tree planting through the Burford Tree Nursery, the Rural Water Quality Program, restoration and rehabilitation projects. The program also, provides conservation information through workshops, publications, the web site and media contacts.

Operating Expenditures:

Forestry & Conservation Land Taxes	\$ 1,446,500 (Table 5)
Conservation Services	\$ 867,200 (Table 6)
Communications and Foundation	\$ 701,500 (Table 7)

Capital Expenditures: **NIL**

Total Expenditures: **\$ 3,015,200**

Revenue sources:

Municipal levies and grants, provincial grants, tree sales, landowner contributions, donations from the Grand River Conservation Foundation and other donations.

4. Conservation Land Management

This includes expenses and revenues associated with the acquisition and management of land owned or managed by the GRCA including woodlots, provincially significant wetlands (e.g. Luther Marsh, Dunnville Marsh), passive conservation areas, rail-trails and a number of rental properties. Activities include forest management, woodlot thinning, and hydro production at our dams.

Operating Expenditures:

Conservation Lands, Rentals, Misc	\$3,645,100 (Table 10-Conservation Lands)
Hydro Production	\$ 195,000 (Table 10-Hydro Production)

Capital Expenditures: **NIL**

Total Expenditures: **\$3,840,100**

Revenue sources:

Property rentals, hydro production, timber sales, conservation land income, donations from the Grand River Conservation Foundation

5. Education

The GRCA operates six nature centres, which provide curriculum-based programs to about 50,000 students from six school boards and independent schools throughout the watershed. In addition, about 16,000 members of the public attend day camps and weekend family and community events.

Operating Expenditures: **\$1,376,600** (Table 8)

Capital Expenditures: **NIL**

Revenue sources: School boards, nature centre user fees, community event fees, donations from the Grand River Conservation Foundation and municipal general levy.

6. Recreation

This includes the costs and revenues associated with operating the GRCA's 11 active conservation areas. The GRCA offers camping, hiking, fishing, swimming, skiing and other activities at its parks. It provides 2,500 campsites, making it the second-largest provider of camping accommodation in Ontario. About 1 million people visit GRCA parks each year. The parks are financially self-sufficient.

Operating Expenditures: **\$ 8,285,000** (Table 10)

Capital Expenditures: **\$ 2,150,000** (Section B)

Total Expenditures: **\$10,435,000**

Revenue sources:

Conservation Area user fees, government grants, reserves and donations.

7. Corporate services

This includes the cost of head office functions such as accounting and human resources, as well as the cost of facilities, insurance, consulting and legal fees and expenses relating to the General Membership.

Operating Expenditures: **\$3,503,388** (Table 9)

Capital Expenditures: **\$ 430,000** (Section B)

Total Expenditures: **\$3,933,388**

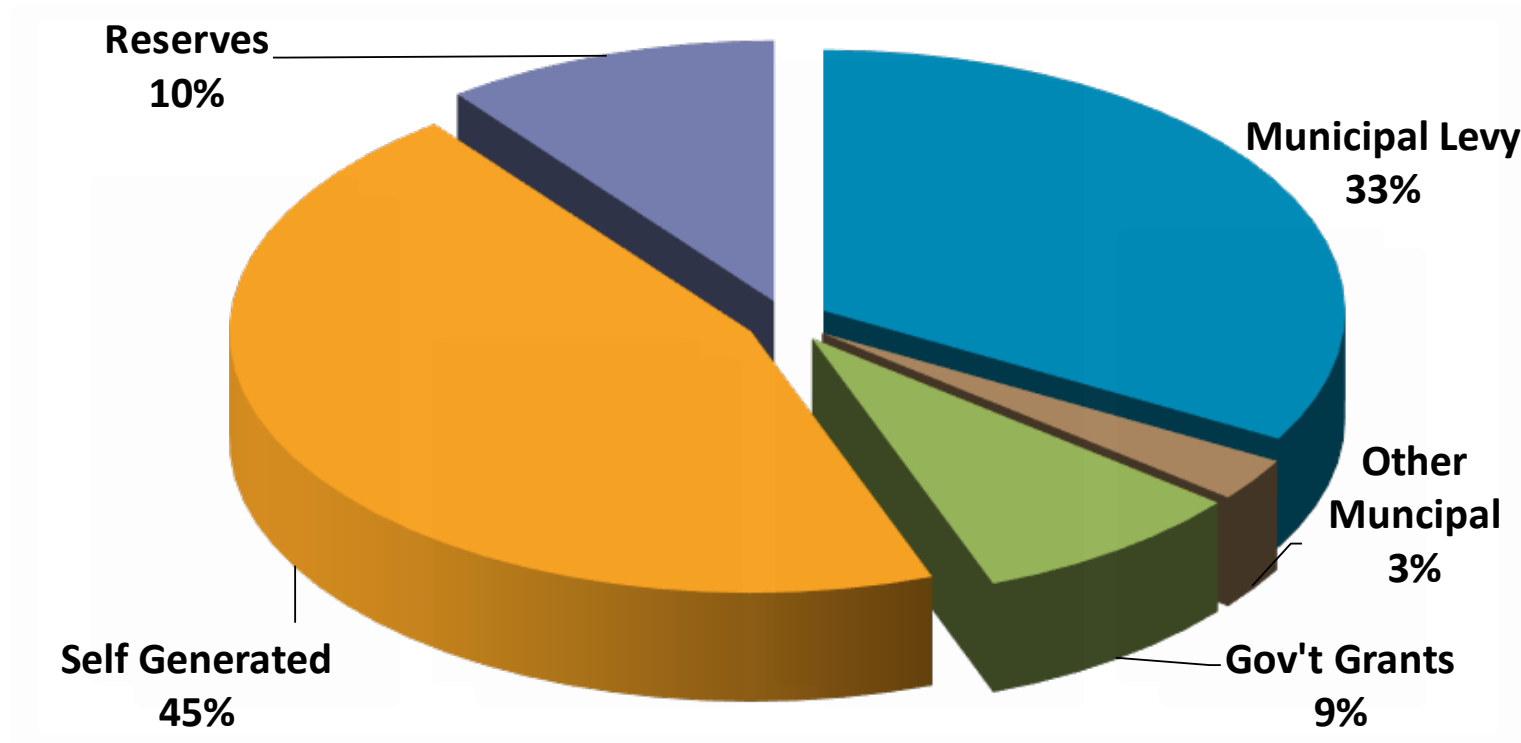
Revenue sources: Municipal levies and reserves.

BUDGET 2020 - Summary of Revenue and Expenditures

FUNDING		Actual 2019	Budget 2019	Budget 2020	Budget Incr/(decr)
Municipal General Levy Funding		11,636,000	11,636,000	11,927,000	291,000 2.50%
Other Government Grants		4,126,018	4,153,573	4,032,188	(121,385) -2.9%
Self-Generated Revenue		17,056,720	16,171,195	16,279,287	108,092 0.7%
Funding from Reserves		5,326,245	3,309,700	3,740,000	430,300 13.0%
TOTAL FUNDING		38,144,983	35,270,468	35,978,475	708,007 2.0%
EXPENDITURES		Actual 2019	Budget 2019	Budget 2020	Budget Incr/(decr)
Base Programs - Operating includes funding to reserves	SECTION A	27,637,633	27,051,768	26,996,475	(55,293) -0.20%
Base Programs - Capital	SECTION B	5,873,437	4,597,700	5,655,000	1,057,300 23.00%
Special Projects	SECTION C	4,256,626	3,621,000	3,327,000	(294,000) -8.1%
TOTAL EXPENDITURES		37,767,696	35,270,468	35,978,475	708,007 2.0%
NET RESULT		377,287	-	-	

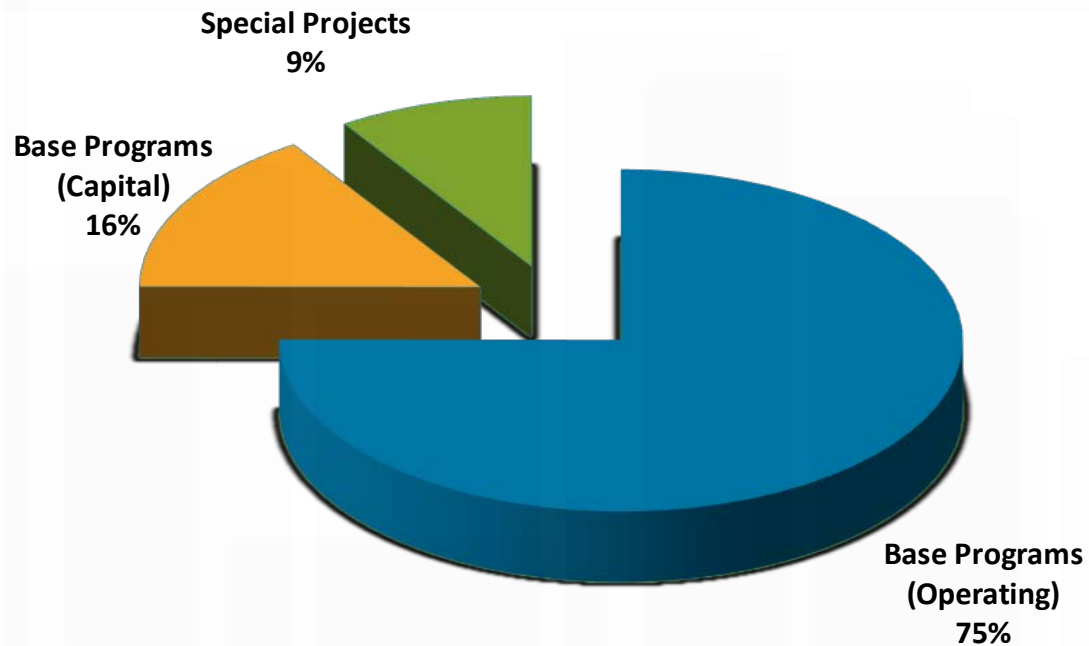
2020 Budget – Revenue by Source

Total 2020 Budget Revenue = \$36.0 Million (\$ 35.3 Million in 2019)

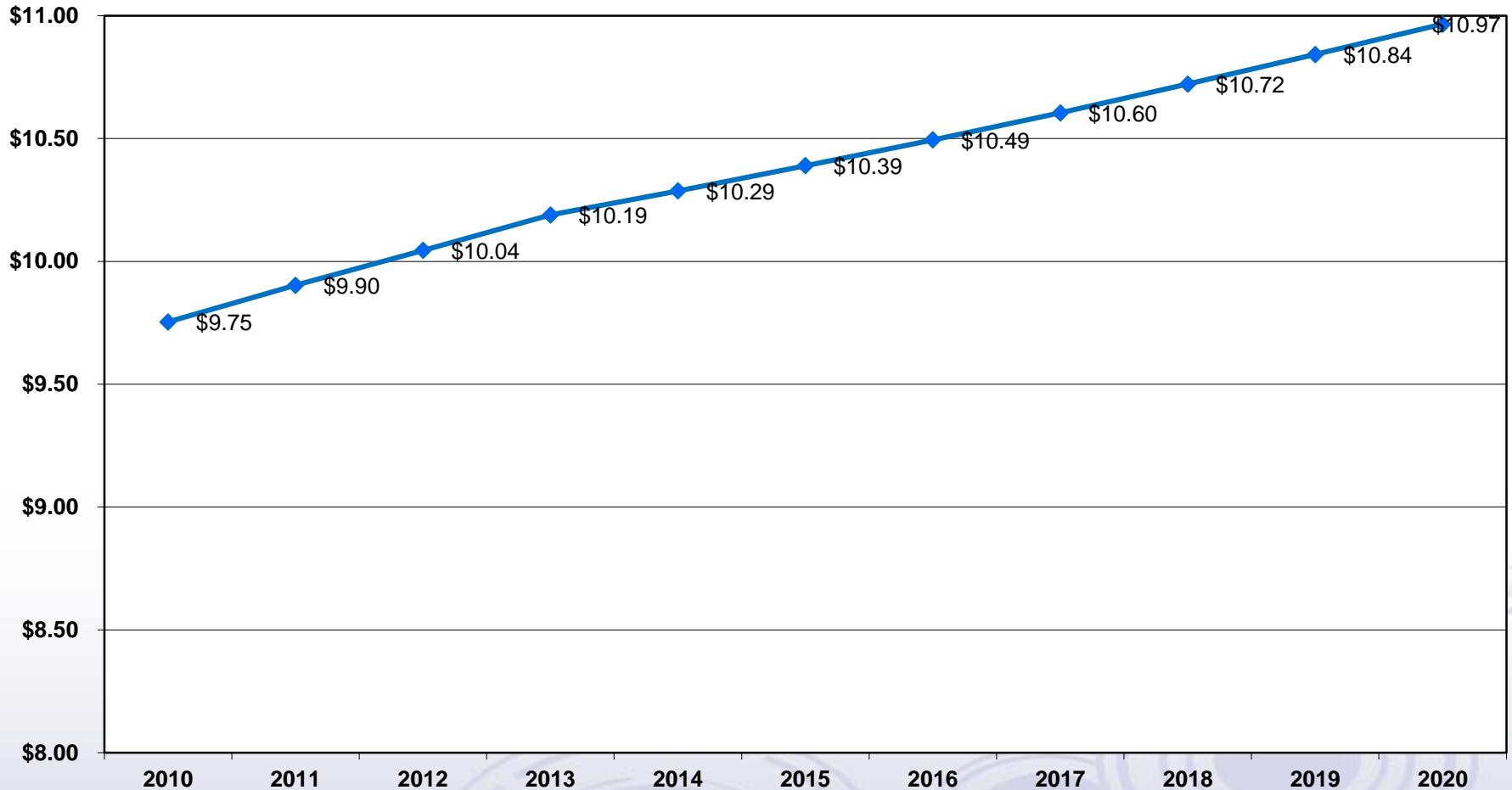


2020 Budget – Expenditures by Category

2020 Budget Expenditures = \$36.0 Million (\$ 35.3 Million in 2019)



Grand River Conservation Authority Per Capita General Levy (2010 to 2020)



Budget 2020 - Summary of Expenditures, Funding and Change in Municipal Levy

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Grand River Conservation Authority Summary of Municipal Levy - 2020 Budget

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Oxford County	37.5%	4,100,166,131	1,537,219,499	0.80%	3,618	84,688	7,642	95,948	92,876	3.3%
North Perth Twp	2.0%	2,050,788,963	41,015,779	0.02%	97	2,260	204	2,561	2,480	3.3%
Perth East Twp	40.0%	1,903,923,454	761,569,382	0.40%	1,792	41,956	3,786	47,534	45,247	5.1%
Waterloo Region	100.0%	97,165,516,725	97,165,516,725	50.85%	228,659	5,353,001	483,059	6,064,723	5,947,653	2.0%
Centre Wellington Twp	100.0%	4,825,004,290	4,825,004,290	2.53%	11,355	265,817	23,988	301,160	291,250	3.4%
Erin Twp	49.0%	2,434,448,511	1,192,879,770	0.62%	2,807	65,718	5,930	74,455	73,721	1.0%
Guelph City	100.0%	25,990,473,570	25,990,473,570	13.60%	61,164	1,431,856	129,213	1,622,233	1,576,986	2.9%
Guelph Eramosa Twp	100.0%	2,677,794,567	2,677,794,567	1.40%	6,302	147,524	13,313	167,139	163,892	2.0%
Mapleton Twp	95.0%	1,648,728,333	1,566,291,917	0.82%	3,686	86,289	7,787	97,762	94,062	3.9%
Wellington North Twp	51.0%	1,616,042,908	824,181,883	0.43%	1,940	45,405	4,097	51,442	50,151	2.6%
Puslinch Twp	75.0%	2,508,795,384	1,881,596,538	0.98%	4,428	103,660	9,354	117,442	115,793	1.4%
Total		317,779,466,008	191,087,518,099	100.00%	449,688	10,527,312	950,000	11,927,000	11,636,000	2.5%

*Capital Maintenance Levy represents levy allocated to maintenance of capital infrastructure, studies, and/or equipment.

SECTION A

BASE PROGRAMS – OPERATING

SECTION A - Operating Budget

GRAND RIVER CONSERVATION AUTHORITY

Budget 2020 vs Budget 2019

	Actual 2019	Budget 2019	Budget 2020	Incr/(Decr)	%age change
EXPENDITURES					
OPERATING EXPENSES	27,637,633	27,051,768	26,996,475	(55,293)	-0.22%
Total Expenses	27,637,633	27,051,768	26,996,475	(55,293)	-0.22%
SOURCES OF FUNDING					
MUNICIPAL GENERAL LEVY (NOTE)	10,174,542	10,586,000	10,977,000	391,000	3.80%
MUNICIPAL SPECIAL LEVY	46,372	50,000	50,000	-	0.00%
OTHER GOVT FUNDING	528,169	938,573	517,188	(421,385)	-44.90%
SELF-GENERATED	15,406,254	14,350,500	14,743,000	392,500	2.84%
RESERVES	1,012,601	657,000	332,000	(325,000)	-186.78%
SURPLUS CARRYFORWARD	469,695	469,695	377,287	(92,408)	-22.41%
Total BASE Funding	27,637,633	27,051,768	26,996,475	(55,293)	-0.22%

NOTE: See "Summary of Revenue, Expenditures and Changes in Municipal Levy" for details of \$391,000 levy increase.

TABLE 1

(a) Watershed Studies

This category includes watershed and subwatershed studies. These studies provide the strategic framework for understanding water resources and ecosystem form, functions and linkages. These allow for assessment of the impacts of changes in watershed resources and land use. Watershed studies also identify activities and actions that are needed to minimize the adverse impacts of change. This program supports other plans and programs that promote healthy watersheds.

Specific Activities:

- Carry out or partner with municipalities and other stakeholders on integrated subwatershed plans for streams and tributaries. Subwatershed Plans are technical reports which provide comprehensive background on how surface water, groundwater, terrestrial and aquatic ecosystems function in a subwatershed. The plans recommend how planned changes such as urbanization can take place in a sustainable manner.

(b) Water Resources Planning and Environment and Support

This category includes the collection and analysis of environmental data and the development of management plans for protection and management of water resources and natural heritage systems. These programs assist with implementation of monitoring water and natural resources and assessment of changes in watershed health and priority management areas.

Specific Activities:

- operate 8 continuous river water quality monitoring stations, 73 stream flow monitoring stations, 27 groundwater monitoring stations, and 37 water quality monitoring stations in conjunction with MOE, apply state-of-the-art water quality assimilation model to determine optimum sewage treatment options in the central Grand, and provide technical input to municipal water quality issues
- analyze and report on water quality conditions in the Grand River watershed
- maintain a water budget to support sustainable water use in the watershed, and maintain a drought response program
- analyze water use data for the watershed and provide recommendations for water conservation approaches
- provide advice to Provincial Ministries regarding water use permits to ensure that significant environmental concerns are identified so that potential impacts can be addressed.

(c) Resource Management Division Support

Provides support services to the Engineering and Resource Management Divisions including support for Flood Forecasting and Warning and Water Control Structures.

Specific Spending:

- administrative services
- travel, communication, staff development and computer
- insurance

(d) Natural Heritage Management

The natural heritage management program includes those activities associated with providing service and/or assistance to municipalities, private and public landowners and community groups on sound environmental practices that will enhance, restore or protect the aquatic and terrestrial ecosystems. The program includes watershed scale natural heritage assessments and implements restoration activities on GRCA land..

Specific Activities:

- maintain and promote the ‘Grand River Fisheries Management Plan’.
- implement “best bets” for protection and enhancement of fisheries, work with outside agencies, non-government organizations and the public to improve fish habitat through stream rehabilitation projects including the implementation of the recommendations of the watershed studies.
- maintain and implement the Forest Management Plan for the Grand River watershed and develop and implement components of the watershed Emerald Ash Borer strategy
- carry out restoration and rehabilitation projects for aquatic and terrestrial ecosystems e.g. species at risk and ecological monitoring on GRCA lands, and prescribed burn activities and community events such as tree planting and stream restoration
- provide technical input and review services for applications that may affect the watershed ecosystems.

TABLE 1
GRAND RIVER CONSERVATION AUTHORITY
Water Resources Planning & Environment

OPERATING	Actual 2019	Budget 2019	Budget 2020	Budget Change
Expenses:				incr/(decr)
Salary and Benefits	1,604,949	1,615,500	1,664,000	48,500
Travel, Motor Pool, Expenses, Telephone, Training and Development, IT	274,940	319,300	289,300	-30,000
Insurance	96,848	113,300	107,300	-6,000
Other Operating Expenses	125,923	195,100	175,100	-20,000
Amount set aside to Reserves		-	-	
TOTAL EXPENSE	2,102,660	2,243,200	2,235,700	-7,500
Funding				(incr)/decr
Municipal Special/Other	40,204	50,000	50,000	0
MNR Grant	4,200	8,200	0	8,200
Prov & Federal Govt	6,505	37,500	37,500	0
Miscellaneous	2,500			
Funds taken from Reserves	-	10,000	10,000	0
TOTAL FUNDING	53,409	105,700	97,500	8,200.00
Net Funded by General Municipal Levy	2,049,251	2,137,500	2,138,200	
Net incr/(decr) to Municipal Levy				700

TABLE 2

Flood Forecasting and Warning

The flood warning system includes the direct costs associated with monitoring the streams, and rivers in order to effectively provide warnings and guidance to municipalities and watershed residents during flood emergencies.

Overall, flood protection services provide watershed residents with an effective and efficient system that will reduce their exposure to the threat of flood damage and loss of life. It is estimated that the existing flood protection in the Grand River watershed saves an average of over \$5.0 million annually in property damage.

Specific Activities:

- maintain a ‘state of the art’ computerized flood forecasting and warning system.
- operate a 24 hour, year-round, on-call duty officer system to respond to flooding matters.
- collect and manage data on rainfall, water quantity, reservoir conditions, water levels from 56 stream flow gauges, 24 rainfall gauges, and 12 snow courses.
- use data radio and Voice Alert system to continuously, monitor river conditions and detect warning levels, assist municipalities with emergency planning, and respond to thousands of inquiries each year.
- Assist municipalities with municipal emergency planning and participate in municipal emergency planning exercises when requested.

TABLE 2
GRAND RIVER CONSERVATION AUTHORITY
Flood Forecasting & Warning

OPERATING	Actual 2019	Budget 2019	Budget 2020	Budget change
Expenses:				incr/(decr)
Salary and Benefits	407,090	457,000	470,700	13,700
Travel, Motor Pool, Expenses, Telephone, Training and Development, IT	251,806	266,000	236,000	(30,000)
Other Operating Expenses	48,681	78,000	58,000	(20,000)
Amount set aside to Reserves	93,000			
TOTAL EXPENSE	800,577	801,000	764,700	(36,300)
Funding				(incr)/decr
MNR Grant	143,000	277,955	164,338	113,617
TOTAL FUNDING	143,000	277,955	164,338	113,617
Net Funded by General Municipal Levy	657,577	523,045	600,362	
Net incr/(decr) to Municipal Levy				77,317

TABLE 3

Water Control Structures

This category includes costs associated with the capital and maintenance of structures, the primary purpose of which is to provide protection to life and property. These structures include dams, dykes, berms and channels etc. Also included in this category are non-flood control dams and weirs, which maintain upstream water levels.

Overall, flood protection services provide watershed residents with an effective and efficient system that will reduce their exposure to the threat of flood damage and loss of life. It is estimated that the existing flood protection in the Grand River watershed saves an average of over \$5.0 million annually in property damage.

Specific Activities:

- operate and maintain 7 major multi-purpose reservoirs, which provide flood protection and flow augmentation, and 25 kilometres of dykes in 5 major dyke systems (Kitchener-Bridgeport, Cambridge-Galt, Brantford, Drayton and New Hamburg)
- ensure structural integrity of flood protection infrastructure through dam safety reviews, inspections and monitoring, reconstruction of deteriorating sections of floodwalls and refurbishing of major components of dams
- carry out capital upgrades to the flood control structures in order to meet Provincial standards
- operate and maintain 22 non-flood control dams, which are primarily for aesthetic, recreational, or municipal water supply intake purposes
- develop and implement plans to decommission failing or obsolete dams
- ice management activities to prevent or respond to flooding resulting from ice jams
- develop and implement public safety plans for structures

TABLE 3
GRAND RIVER CONSERVATION AUTHORITY
Water Control Structures

OPERATING	Actual 2019	Budget 2019	Budget 2020	Budget change
<u>Expenses:</u>				incr/(decr)
Salary and Benefits	1,168,065	1,170,200	1,205,000	34,800
Travel, Motor Pool, Expenses, Telephone, Training and Development, IT	16,910	29,200	29,200	-
Property Taxes	161,219	179,700	170,700	(9,000)
Other Operating Expenses	335,942	344,800	344,800	-
Amount set aside to Reserves	41,000	-	-	-
TOTAL EXPENSE	1,723,136	1,723,900	1,749,700	25,800
<u>Funding</u>				(incr)/decr
MNR Grant	207,000	400,350	285,350	(115,000)
TOTAL FUNDING	207,000	400,350	285,350	(115,000)
Net Funded by General Municipal Levy	1,516,136	1,323,550	1,464,350	
Net incr/(decr) to Municipal Levy				140,800

TABLE 4

(a) PLANNING - Regulations

This category includes costs and revenues associated with administering the *Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation* made under the *Conservation Authorities Act*. This includes permit review, inspections, permit issuance, enforcement and follow-up, which may include defending appeals.

Specific Activities:

- Process over 800 permits each year related to development, alteration or activities that may interfere with the following types of lands:
 - ravines, valleys, steep slopes
 - wetlands including swamps, marshes, bogs, and fens
 - any watercourse, river, creek, floodplain or valley land
 - the Lake Erie shoreline
- The regulation applies to the development activities listed below in the areas listed above:
 - the construction, reconstruction, erection or placing of a building or structure of any kind,
 - any change to a building or structure that would have the effect of altering the use or potential use of the building or structure, increasing the size of the building or structure or increasing the number of dwelling units in the building or structure
 - site grading
 - the temporary or permanent placing, dumping or removal of any material originating on the site or elsewhere.
- maintain policies and guidelines to assist in the protection of sensitive environmental lands (i.e. Policies for the Administration of the Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation)
- enforcement of the Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation and maintain compliance policies and procedures
- update and maintain flood line mapping; develop natural hazards mapping in digital format to be integrated into municipal planning documents and Geographic Information Systems

(b) PLANNING - Municipal Plan Input and Review

This program includes costs and revenues associated with reviewing Official Plans, Secondary and Community Plans, Zoning Bylaws, Environmental Assessments, development applications and other proposals, in accordance with Conservation Authority and provincial or municipal agreements. It also includes watershed management consulting outside of the Grand River watershed, which is done from time-to-time on a fee-for-service basis.

Specific Activities:

- review municipal planning and master plan documents and recommend environmental policies and designations for floodplains, wetlands, natural heritage areas, fisheries habitat, hazard lands and shorelines, which support GRCA regulations and complement provincial policies and federal regulations
- provide advice to municipalities regarding environmental assessments, and other proposals such as aggregate and municipal drain applications to ensure that all environmental concerns are adequately identified and that any adverse impacts are minimized or mitigated
- provide information and technical advice to Municipal Councils and Committees and Land Division Committees regarding development applications to assist in making wise land use decisions regarding protection of people and property from natural hazard areas such as flood plains and erosion areas and protection and enhancement of wetlands, fish and wildlife habitat and natural heritage systems

TABLE 4
GRAND RIVER CONSERVATION AUTHORITY
Resource Planning

OPERATING	Actual 2019	Budget 2019	Budget 2020	Budget change
Expenses:				incr/(decr)
Salary and Benefits	1,543,228	1,807,400	1,786,600	(20,800)
Travel, Motor Pool, Expenses, Telephone, Training and Development, IT	198,359	222,500	222,500	-
Other Operating Expenses	89,535	54,700	54,700	-
TOTAL EXPENSE	1,831,122	2,084,600	2,063,800	(20,800)
Funding				(incr)/decr
Provincial	-	-	-	-
MNR Grant	58,988	114,568	-	114,568
Self Generated	892,200	919,000	894,000	25,000
TOTAL FUNDING	951,188	1,033,568	894,000	139,568
Net Funded by General Municipal Levy	879,934	1,051,032	1,169,800	
Net incr/(decr) to Municipal Levy				118,768

TABLE 5

Forestry & Property Taxes

The forestry program includes those activities associated with providing service and/or assistance to private and public landowners and community groups on sound environmental practices that will enhance, restore or protect their properties.

This category includes direct delivery of remediation programs including tree planting/reforestation.

General Municipal Levy funds the property tax for GRCA owned natural areas/passive lands.

Specific Activities:

- plant trees on private lands (cost recovery from landowner)
- operate Burford Tree Nursery to grow and supply native and threatened species
- carry out tree planting and other forest management programs on over 7,000 hectares of managed forests on GRCA owned lands
- manage Emerald Ash Borer infestation

TABLE 5
GRAND RIVER CONSERVATION AUTHORITY
Forestry & Conservation Land Taxes

OPERATING	Actual 2019	Budget 2019	Budget 2020	Budget change
Expenses:				incr/(decr)
Salary and Benefits	573,407	601,000	619,000	18,000
Travel, Motor Pool, Expenses, Telephone, Training and Development, IT	47,793	54,300	54,300	0
Property Taxes	161,047	183,200	183,200	0
Other Operating Expenses	567,415	572,900	590,000	17,100
Amount set aside to Reserves				0
TOTAL EXPENSE	1,349,662	1,411,400	1,446,500	35,100
Funding				(incr)/decr
Provincial	7,324			
Donations	46,568	57,000	57,000	-
Self Generated	646,075	650,000	650,000	-
TOTAL FUNDING	699,967	707,000	707,000	0
Net Funded by General Municipal Levy	649,695	704,400	739,500	
Net incr/(decr) to Municipal Levy				35,100

TABLE 6

Conservation Services

The conservation service program includes those activities associated with providing service and/or assistance to private and public landowners and community groups on sound environmental practices that will enhance, restore or protect their properties.

This category includes the Rural Quality program and Forestry extension services.

Specific Activities:

- Co-ordinate the Rural Water Quality Program. This involves landowner contact, promotion/education and providing grants to assist farmers with capital improvements to address manure containment, livestock fencing, soil conservation, and other rural non-point sources of river water pollution. Funding for this important initiative comes from watershed municipalities and other government grants.
- Carry out tree planting, restoration and rehabilitation projects with private landowners
- Co-ordinate community events e.g. children's water festivals and agricultural and rural landowner workshops to promote water and environmental initiatives
- Co-ordinate GRCA Volunteer Program to enable public participation in community and GRCA environmental activities

TABLE 6
GRAND RIVER CONSERVATION AUTHORITY
Conservation Services

OPERATING	Actual 2019	Budget 2019	Budget 2020	Budget change
Expenses:				incr/(decr)
Salary and Benefits	719,469	733,000	715,000	(18,000)
Travel, Motor Pool, Expenses, Telephone, Training and Development, IT	91,263	100,200	100,200	-
Other Operating Expenses	12,322	52,000	52,000	-
Amount set aside to Reserves				
TOTAL EXPENSE	823,054	885,200	867,200	(18,000)
Funding				(incr)/decr
Prov & Federal Govt	6,168	30,000	30,000	-
Donations/Other	79,632	87,000	47,000	40,000
Funds taken from Reserves	687	31,000	31,000	-
TOTAL FUNDING	86,487	148,000	108,000	40,000
Net Funded by General Municipal Levy	736,567	737,200	759,200	
Net incr/(decr) to Municipal Levy				22,000

TABLE 7

Communications & Foundation

The Communications department provides a wide range of services and support for the GRCA, the Grand River Conservation Foundation, as well as Lake Erie Region Source Protection Program. This category includes watershed-wide communication and promotion of conservation issues to watershed residents, municipalities and other agencies.

The Grand River Conservation Foundation provides private sector funding for GRCA projects with limited or no other sources of revenue. This category includes operational costs related to fundraising.

Communications - Specific Activities:

- Media relations
- Public relations and awareness building
- Online communications
- Issues management and crisis communications
- Community engagement and public consultation
- Corporate brand management

Foundation - Specific Activities:

- Solicit donors for financial support
- Orient and train volunteers to assist with fundraising
- Provide site tours and other events to stakeholders

TABLE 7
GRAND RIVER CONSERVATION AUTHORITY
Communications & Foundation

OPERATING	Actual 2019	Budget 2019	Budget 2020	Budget change
Expenses:				incr/(decr)
Salary and Benefits	485,367	583,400	601,000	17,600
Travel, Motor Pool, Expenses, Telephone, Training and Development, IT	69,781	77,000	77,000	-
Other Operating Expenses	56	73,500	23,500	(50,000)
Amount set aside to Reserves	50,000	-	-	-
TOTAL EXPENSE	605,204	733,900	701,500	(32,400)
Funding				
Net Funded by General Municipal Levy	605,204	733,900	701,500	
Net incr/(decr) to Municipal Levy				(32,400)

TABLE 8

Environmental Education

This category includes costs and revenues associated with outdoor education facilities, which provide education and information about conservation, the environment and the Conservation Authority's programs to 50,000 students in 6 school boards and 16,000 members of the general public annually. The majority of funding for this program comes from school boards, the Grand River Conservation Foundation and public program fees.

Specific Activities:

- operate 6 outdoor education centres under contract with watershed school boards, providing hands-on, curriculum-based, outdoor education (App's Mills near Brantford, Taquanyah near Cayuga, Guelph Lake, Laurel Creek in Waterloo, Shade's Mills in Cambridge and Rockwood)
- offer curriculum support materials and workshops to watershed school boards
- offer conservation day camps to watershed children and interpretive community programs to the public (user fees apply)

TABLE 8
GRAND RIVER CONSERVATION AUTHORITY
Environmental Education

OPERATING	Actual 2019	Budget 2019	Budget 2020	Budget change
Expenses:				incr/(decr)
Salary and Benefits	972,399	1,000,000	980,000	(20,000)
Travel, Motor Pool, Expenses, Telephone, Training and Development, IT	88,021	85,800	85,800	0
Insurance	11,114	10,300	12,800	2,500
Property Taxes	12,002	11,000	14,000	3,000
Other Operating Expenses	264,726	275,300	284,000	8,700
Amount set aside to Reserves	111,000			0
TOTAL EXPENSE	1,459,262	1,382,400	1,376,600	(5,800)
Funding				(incr)/decr
Provincial & Federal Grants	64,652	-	-	-
Donations	46,130	50,000	50,000	-
Self Generated	1,017,236	1,000,500	1,018,000	(17,500)
TOTAL FUNDING	1,128,018	1,050,500	1,068,000	(17,500)
Net Funded by General Municipal Levy	331,244	331,900	308,600	
Net incr/(decr) to Municipal Levy				(23,300)

TABLE 9

CORPORATE SERVICES

This category includes the costs for goods and services, as listed below, that are provided corporately. A small portion of these costs is recovered from provincial grants, namely from source protection program funding and from the MNR operating grant.

Specific Activities:

This category includes the following departments:

- Office of the Chief Administrative Officer and the Assistant Chief Administrative Officer/Secretary-Treasurer
- Finance
- Human Resources
- Payroll
- Health & Safety
- Office Services

In addition, this category includes expenses relating to:

- The General Membership
- Head Office Building
- Office Supplies, Postage, Bank fees
- Head Office Communication systems
- Insurance
- Audit fees
- Consulting, Legal, Labour Relations fees
- Health and Safety Equipment, Inspections, Training
- Conservation Ontario fees
- Corporate Professional Development
- General expenses

TABLE 9
GRAND RIVER CONSERVATION AUTHORITY
Corporate Services

Budget 2020			Surplus available to offset Municipal Levy Increase
Expenses:			
Salary and Benefits	1,904,000		
Travel, Motor Pool, Expenses, Telephone, Training and Development, IT	359,000		
Insurance	59,000		
Other Operating Expenses	1,343,675		
Amount set aside to Reserves			
TOTAL EXPENSE	3,665,675		
Funding			
MNR Grant	-		
Recoverable Corporate Services Expenses	70,000		
Funds taken from Reserves	140,000		
TOTAL FUNDING	210,000		
Net Result before surplus adjustments	3,455,675		
Deficit from Other Programs offset by 2018 Surplus Carryforward		(17,100)	
2019 Surplus Carried Forward to 2020 used to reduce Levy		377,287	
Net Funded by General Municipal Levy	3,455,675	360,187	
Budget 2019			Surplus available to offset Municipal Levy Increase
Expenses:			
Salary and Benefits	1,897,000		
Travel, Motor Pool, Expenses, Telephone, Training and Development, IT	369,000		
Insurance	57,000		
Property Taxes	-		
Other Operating Expenses	1,544,768		
Amount set aside to Reserves			
TOTAL EXPENSE	3,867,768		
Funding			
Municipal Other			
Recoverable Corporate Services Expenses	70,000		
Funds taken from Reserves	465,000		
TOTAL FUNDING	605,000		
Net Result before surplus adjustments	3,262,768		
Deficit from Other Programs offset by 2018 Surplus Carryforward		(250,400)	
2018 Surplus Carried Forward to 2019 used to reduce Levy		469,695	
Net Funded by General Municipal Levy	3,262,768	219,295	
ACTUAL 2019			Surplus available to offset Municipal Levy
Expenses:			
Salary and Benefits	1,833,313		
Travel, Motor Pool, Expenses, Telephone, Training and Development, IT	290,695		
Insurance	53,968		
Other Operating Expenses	1,762,628		
Amount set aside to Reserves	135,000		
TOTAL EXPENSE	4,075,604		
Funding			
MNR Grant	36,500		
Donations/Other	108		
Recoverable Corporate Services Expenses	67,728		
Funds taken from Reserves	730,000		
TOTAL FUNDING	834,336		
Net Result before surplus/(deficit) adjustments	3,241,268		
2019 Surplus from Other Programs used to reduce Levy		22,639	
2018 Surplus Carried Forward to 2019 used to reduce Levy		469,695	
Net Funded by General Municipal Levy	3,241,268	492,334	

TABLE 10 (a)

Conservation Lands, Rental Properties, Forestry & Misc

The Conservation Land Management Program includes all expenses and revenues associated with acquisition and management of land owned/managed by the Authority. This includes protection of *Provincially Significant Conservation Lands*, woodlot management, rental/lease agreements and other revenues generated from managing lands and facilities. These expenses do not include those associated with recreation and education programs on GRCA lands.

Specific Activities:

- acquire and manage significant wetlands and floodplain lands, e.g. the Luther Marsh Wildlife Management Area, the Keldon Source Area, the Bannister-Wrigley Complex, and the Dunnville Marsh
- operate “passive” conservation areas in order to conserve forests and wildlife habitat. Some are managed by municipalities or private organizations (Chicopee Ski Club in Kitchener, Scott Park in New Hamburg, etc.)
- develop and maintain extensive trail network on former rail lines owned by GRCA and municipalities (much of this is part of the Trans-Canada Trail network). Necessary funding is raised by The Grand River Conservation Foundation
- rent 733 cottage lots at Belwood Lake and Conestogo Lake; hold leases on over 1200 hectares of agricultural land and 11 residential units, and over 50 other agreements for use of GRCA lands. Income from these rentals aids in the financing of other GRCA programs
- host controlled hunts at various locations including Luther Marsh Wildlife Management Area and Conestogo Lake
- carry out forestry disease control, woodlot thinning and selective harvesting on GRCA lands in accordance with the Forest Management Plan while generating income from sale of timber. Income generated helps pay for future forest management activities
- where appropriate, dispose of lands that have been declared surplus and continue to identify and plan for disposition of other surplus lands. Proceeds from future dispositions will be used for acquisition of “Environmentally Significant Conservation Lands” and for other core programs
- payment of non-insured losses and deductibles for vandalism, loss or theft; miscellaneous amounts recovered from insurance settlements

- investment income arising from reserves and funds received in advance of program expenses

TABLE 10 (b)

HYDRO PRODUCTION

This program generates revenue from ‘hydro production’.

Specific Activities:

- generate hydro from turbines in 2 large dams, Shand and Conestogo; the income is used to fund GRCA programs and repay reserves accordingly for the cost of building/repairing turbines.

TABLE 10 (c)

CONSERVATION AREAS

These programs include costs and revenues associated with delivering recreational programs on GRCA lands and include the costs and revenues associated with day-use, camping, concessions and other activities at GRCA active Conservation Areas.

Specific Activities:

- operate 11 “active” Conservation Areas (8 camping and 3 exclusively day-use) that are enjoyed by over 1.7 million visitors annually. It is estimated that these visitors also help generate significant revenues for the local tourism industry
- offer camping, hiking, fishing, swimming, boating, picnicking, skiing and related facilities
- provide 2,200 campsites – second only to the provincial park system as a provider of camping accommodation in Ontario

TABLE 10
GRAND RIVER CONSERVATION AUTHORITY
OTHER PROGRAMS - OPERATING - SUMMARY of Results

	Conservation Lands	Property Rentals	MISC	(a) Cons Lands, Rental, Misc	(b) Hydro Production	(c) Conservation Areas	TOTAL Other Programs
Budget 2020 - OPERATING							
Expenses:							
Salary and Benefits	1,129,000	573,000	-	1,702,000	64,500	4,480,000	
Travel, Motor Pool, Expenses, Telephone, Training and Development, IT	159,600	74,500	-	234,100	-	216,000	
Insurance	147,300	18,000	-	165,300	-	-	
Property Taxes	-	88,000	-	88,000	-	68,000	
Other Operating Expenses (consulting etc)	576,000	809,700	70,000	1,455,700	25,500	3,221,000	
Amount set aside to Reserves	-	-	-	-	105,000	300,000	
TOTAL EXPENSE	2,011,900	1,563,200	70,000	3,645,100	195,000	8,285,000	12,125,100
Funding							
Donations	50,000	-	-	50,000	-	-	
Self Generated	86,000	2,873,000	148,000	3,107,000	515,000	8,285,000	
Funds taken from Reserves	1,000	150,000	-	151,000	-	-	
TOTAL FUNDING	137,000	3,023,000	148,000	3,308,000	515,000	8,285,000	12,108,000
NET Surplus/(Deficit) for programs not funded by general levy	(1,874,900)	1,459,800	78,000	(337,100)	320,000	-	(17,100)
Budget 2019 - OPERATING							
Expenses:							
Salary and Benefits	1,144,800	576,000	-	1,720,800	43,500	4,502,000	
Travel, Motor Pool, Expenses, Telephone, Training and Development, IT	149,600	74,500	-	224,100	-	177,000	
Insurance	147,300	16,500	-	163,800	-	-	
Property Taxes	-	101,000	-	101,000	-	62,000	
Other Operating Expenses (consulting etc)	654,000	826,700	70,000	1,550,700	89,500	2,844,000	
Amount set aside to Reserves	70,000	-	-	70,000	70,000	300,000	
TOTAL EXPENSE	2,165,700	1,594,700	70,000	3,830,400	203,000	7,885,000	11,918,400
Funding							
Provincial Funding	-	-	-	-	-	-	
Donations	50,000	-	-	50,000	-	-	
Self Generated	86,000	2,875,000	148,000	3,109,000	473,000	7,885,000	
Funds taken from Reserves	1,000	150,000	-	151,000	-	-	
Municipal General Levy Funding	-	-	-	-	-	-	
TOTAL FUNDING	137,000	3,025,000	148,000	3,310,000	473,000	7,885,000	11,668,000
NET Surplus/(Deficit) for programs not funded by general levy	(2,028,700)	1,430,300	78,000	(520,400)	270,000	-	(250,400)
Actual 2019 - OPERATING							
Expenses:							
Salary and Benefits	1,156,641	536,530	-	1,693,171	50,363	4,337,734	
Travel, Motor Pool, Expenses, Telephone, Training and Development, IT	110,343	72,337	-	182,680	-	231,797	
Insurance	131,963	16,796	-	148,759	-	-	
Property Taxes	-	89,535	-	89,535	-	54,307	
Other Expenses	413,177	876,336	68,658	1,358,171	110,716	3,072,795	
Amount set aside to Reserves	232,324	193,000	-	425,324	135,000	977,000	
TOTAL EXPENSE	2,044,448	1,784,534	68,658	3,897,640	296,079	8,673,633	12,867,352
Funding							
Donations	90,463	-	500	90,963	-	6,413	
Self Generated	176,633	2,898,664	200,717	3,276,014	566,791	8,667,896	
Funds taken from Reserves	-	281,914	-	281,914	-	-	
TOTAL FUNDING	267,096	3,180,578	201,217	3,648,891	566,791	8,674,309	12,889,991
NET Surplus/(Deficit) for programs not funded by general levy	(1,777,352)	1,396,044	132,559	(248,749)	270,712	676	22,639

OTHER INFORMATION

1. INFORMATION SYSTEMS & TECHNOLOGY - COMPUTER CHARGES

The work of the IS&T Group including wages, capital purchases and ongoing maintenance and operations is funded through the Information Systems and Technology Reserve. The IS&T Reserve is sustained through a charge back framework. A “Computer Charge” is allocated to the individual programs based on the number of users and the nature of system usage or degree of reliance on IS&T activities and services.

The *Information Systems and Technology* (IS&T) group leads GRCA’s information management activities; develops and acquires business solutions; and oversees investment in information and communications technology as detailed below:

Specific Activities:

- Develop and implement GRCA's long-term information management, information technology and communications plans.
- Assess business needs and develop tools to address requirements, constraints and opportunities. Acquire and implement business and scientific applications for use at GRCA. Manage information technology and business solutions implementation projects on behalf of GRCA, GRCF and the Lake Erie Source Protection Region.
- Develop, and implement GRCA’s Geographic Information Systems (GIS) technology and spatial data infrastructure. Manage GRCA’s water-related data. Create and maintain standards for the development, use and sharing of corporate data. Develop policies and implement tools to secure GRCA’s data and IT and communications infrastructure.
- Acquire, manage and support GRCA’s server, storage, network and personal computer infrastructure to support geographic information systems (GIS); flood forecasting and warning, including real-time data collection; database and applications development; website hosting; electronic mail; internet access; personal computing applications; and administration systems, including finance, property and human resources.
- Develop and operate a wide area network connecting 14 sites and campus style wireless point-to-multipoint networks at Head Office, Conservation Areas, Nature Centres and Flood Control Structures. Develop and operate an integrated Voice over IP Telephone network covering nine sites and 220 handsets. Support and manage mobile phones, smart phones and pagers. Develop, implement and maintain GRCA’s IS&T disaster recovery plan.
- Operate on-line campsite reservation and day-use systems with computers in 10 Conservation Areas. Provide computers and phone systems for use at outdoor education centres.
- Build and maintain working relationships with all other departments within GRCA. Develop and maintain partnerships and business relationships with all levels of government, Conservation Ontario, private industry and watershed communities with respect to information technology, information management, business solutions and data sharing.

2. VEHICLE, EQUIPMENT – MOTOR POOL CHARGES

Motor Pool charges are allocated to the individual sections based on usage of motor pool equipment. Effectively, motor pool charges are included with administrative costs or other operating expenses, as applicable, on Tables 1 to 10.

Specific Activities:

- Maintain a fleet of vehicles and equipment to support all GRCA programs.
- Purchases of new vehicles and/or equipment.
- Disposal of used equipment.
- Lease certain equipment.

SECTION B

BASE PROGRAMS – CAPITAL

SECTION B – CAPITAL BUDGET

Capital maintenance spending in 2020 includes spending in the following program areas:

- Water Resources Planning
- Flood Forecasting and Warning
- Water Control Structures
- Conservation Areas
- Corporate Services

Water Resources Planning expenditures will be for water quality monitoring equipment.

Flood forecasting and warning expenditures will be for software systems and gauge equipment.

Water Control Structures major maintenance expenditures on dams and dikes.

Conservation Area capital spending includes expenditures as part of the regular maintenance program as well as spending on major repairs and new construction. In 2020, major capital projects within the Conservation Areas will include:

- Completion of the Elora Gorge Upper Pines seasonal campground
- Expansion of the north side gate house at the Elora Gorge CA.
- New workshop at Brant Park.
- Playground replacements at Brant Park and Laurel Creek respectively.
- Perimeter fencing at the Elora Quarry

Corporate Services capital spending represents the portion of overall Information Services and Motor Pool expenses that are funded by the Information Technology (IT) and Motor Pool (MP) reserve. See “Other Information” above for spending descriptions for IT and MP.

SECTION B - Capital Budget

GRAND RIVER CONSERVATION AUTHORITY

Budget 2020

	Water Resources Planning & Environment	FFW	Flood Control Expenses	Conservation Land Management (Sch 4)	Conservation Areas	Corporate Services	BUDGET TOTAL
Expenses:							
WQ Monitoring Equipment & Instruments	110,000						110,000
Flood Forecasting Warning Hardware and Gauges		190,000					190,000
Flood Control Structures-Major Maintenance			2,700,000				2,700,000
Conservation Areas Capital Projects					2,150,000		2,150,000
Net IT/MP Capital Spending not allocated to Departments						505,000	505,000
TOTAL EXPENSE	110,000	190,000	2,700,000	-	2,150,000	505,000	5,655,000
Funding							
Prov & Federal Govt			1,180,000				1,180,000
Self Generated					825,000		825,000
Funding from Reserves	75,000	25,000	770,000		1,325,000	505,000	2,700,000
TOTAL FUNDING	75,000	25,000	1,950,000	-	2,150,000	505,000	4,705,000
Net Funded by General CAPITAL Levy	35,000	165,000	750,000	-	-	-	950,000

Budget 2019

	Water Resources Planning & Environment	FFW	Flood Control Expenses	Conservation Land Management (Sch 4)	Conservation Areas	Corporate Services	BUDGET TOTAL
Expenses:							
WQ Monitoring Equipment & Instruments	110,000						110,000
Flood Forecasting Warning Hardware and Gauges		190,000					190,000
Flood Control Structures-Major Maintenance			1,500,000				1,500,000
Conservation Areas Capital Projects					2,590,000		2,590,000
PSAB Project							-
Building Major Maintenance							-
Net IT/MP Capital Spending not allocated to Departments						207,700	207,700
TOTAL EXPENSE	110,000	190,000	1,500,000	-	2,590,000	207,700	4,597,700
Funding							
Municipal Special Levy							-
Prov & Federal Govt			700,000				700,000
Self Generated					965,000		965,000
Funding from Reserves	50,000				1,625,000	207,700	1,882,700
TOTAL FUNDING	50,000	-	700,000	-	2,590,000	207,700	3,547,700
Net Funded by General CAPITAL Levy	60,000	190,000	800,000	-	-	-	1,050,000

ACTUAL 2019 - CAPITAL

	Water Resources Planning & Environment	FFW	Flood Control Expenses	Conservation Land Management (Sch 4)	Conservation Areas	Corporate Services	ACTUAL TOTAL
Expenses:							
WQ Monitoring Equipment & Instruments	91,334						91,334
Flood Forecasting Warning Hardware and Gauges		132,046					132,046
Flood Control Structures-Major Maintenance			2,468,201				2,468,201
Conservation Areas Capital Projects					3,095,027		3,095,027
Funding to Reserves		112,000					112,000
Net IT/MP Expenses in excess of chargebacks						(25,171)	(25,171)
TOTAL EXPENSE	91,334	244,046	2,468,201	-	3,095,027	(25,171)	5,873,437
Funding							
Prov & Federal Govt			1,028,240			4,090	1,032,330
Self Generated		54,170			895,027		949,197
Funding from Reserves			637,000	-	2,200,000	(29,261)	2,807,739
TOTAL FUNDING	-	54,170	1,665,240	-	3,095,027	(25,171)	4,789,266
Net Funded by General CAPITAL Levy	91,334	189,876	802,961	-	-	-	1,084,171

SECTION C

SPECIAL PROJECTS

SECTION C – SPECIAL PROJECTS

This category of activity represents projects that the GRCA undertakes where special one time and/or multi-year funding is applicable. The duration of these projects is typically one year although in some instances projects may extend over a number years, such as Source Protection Planning. External funding is received to undertake these projects.

The main project in this category is the provincial Source Protection Planning program under the *Clean Water Act, 2006*. Plan development work commenced in 2004, with plan implementation starting in 2015. Work includes research and studies related to the development and updates of a Drinking Water Source Protection Plan for each of the four watersheds in the Lake Erie Source Protection Region. The focus in 2020 continues on completing updates to the Grand River Source Protection Plan, including development of water quantity policies, updating water quality vulnerability assessments, and the development of the annual progress report for the Grand River Source Protection Plan.

Other special projects in the area of watershed stewardship include the “Rural Water Quality Program” grants, Emerald Ash borer infestation management, floodplain mapping projects, Upper Blair subwatershed study, waste water optimization project, water festivals, trail development, the Mill Creek Ranger stream restoration project and numerous ecological restoration projects on both GRCA lands and private lands in the watershed.

SECTION C - Special Projects Budget

GRAND RIVER CONSERVATION AUTHORITY

Budget 2020

EXPENDITURES	ACTUAL 2019	BUDGET 2019	BUDGET 2020
Grand River Management Plan	21,986	70,000	-
Subwatershed Plans - City of Kitchener	80,097	100,000	100,000
Dunnville Fishway Study	18,632	30,000	-
Waste Water Optimization Program	106,192	140,000	140,000
Floodplain Mapping	486,193	560,000	516,000
RWQP - Capital Grants	853,294	800,000	800,000
Brant/Brantford Children's Water Festival	31,117	26,000	26,000
Haldimand Children's Water Festival	15,721	25,000	20,000
Species at Risk	72,688	70,000	40,000
Ecological Restoration	149,638	130,000	100,000
AGGP-UofG Research Buffers	24,908	-	30,000
Great Lakes Agricultural Stewardship Initiative	3,077	-	-
Trails Capital Maintenance	20,725	150,000	150,000
Emerald Ash Borer	398,748	600,000	600,000
Lands Mgmt - Land Purchases/Land Sale Expenses	858,302	-	-
Lands Mgmt - Development Costs	-	50,000	-
Guelph Lake Nature Centre	-	-	50,000
Mill Creek Rangers	32,213	35,000	35,000
Total SPECIAL Projects 'Other'	3,173,531	2,786,000	2,607,000
Source Protection Program	1,083,095	835,000	720,000
Total SPECIAL Projects Expenditures	4,256,626	3,621,000	3,327,000
SOURCES OF FUNDING			
Provincial Grants for Source Protection Program	1,083,095	835,000	720,000
OTHER GOVT FUNDING	1,440,094	1,630,000	1,518,000
SELF-GENERATED	227,532	386,000	381,000
FUNDING FROM/(TO) RESERVES	1,505,905	770,000	708,000
Total SPECIAL Funding	4,256,626	3,621,000	3,327,000

APPENDIX A

GRAND RIVER CONSERVATION AUTHORITY MEMBERS (2020)

Region of Waterloo (including Cities of Kitchener, Waterloo, Cambridge and Townships of North Dumfries, Wellesley, Wilmot and Woolwich)

Les Armstrong (Wilmot), Jim Erb (Waterloo), Sue Foxton (North Dumfries), Michael Harris (Kitchener), Helen Jowett (Cambridge), Geoff Lorentz (Kitchener), Kathryn McGarry (Cambridge), Jane Mitchell (citizen appointment), Joe Nowak (Wellesley), and Warren Stauch (citizen appointment)

Regional Municipality of Halton

John Challinor II

Haldimand and Norfolk Counties

Bernie Corbett and Dan Lawrence

City of Hamilton

Marcus Adili

County of Oxford

Bruce Banbury

City of Brantford

Richard Carpenter and Kevin Davis

City of Guelph

Bob Bell and Rodrigo Goller

Townships of Amaranth, East Garafraxa, Southgate and Melancthon and Town of Grand Valley

Guy Gardhouse

Townships of Mapleton and Wellington North

Bruce Whale

Municipality of North Perth and Township of Perth East

Don Brunk

Township of Centre Wellington

Ian MacRae

Town of Erin, Townships of Guelph-Eramosa and Puslinch

Chris White

County of Brant

Brian Coleman and Joan Gatward