



**GANARASKA REGION  
CONSERVATION AUTHORITY**

# **FINANCIAL BUDGET 2023**

*Clean Water, Healthy Land  
For Healthy Communities*

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# GANARASKA REGION CONSERVATION AUTHORITY

## Established 1946

The objects of an Authority are to provide, in the area over which it has jurisdiction, programs and services designed for the purpose of furthering the conservation, restoration, development and management of natural resources in watershed(s).

### Watershed Municipalities

Municipality of Clarington  
Township of Hamilton

Town of Cobourg  
Township of Alnwick/Haldimand  
Township of Cavan Monaghan

Municipality of Port Hope  
City of Kawartha Lakes

### 2023 Board of Directors

The Board of Directors usually meets the 3<sup>rd</sup> Thursday of every month or at the call of the Chair.

Township of Hamilton – Mark Lovshin\*

Municipality of Port Hope – Vicki Mink\*\*

Township of Alnwick/Haldimand – Joan Stover

Township of Cavan Monaghan – Lance Nachoff

Municipality of Clarington – Willie Woo

Municipality of Clarington – Margaret Zwart

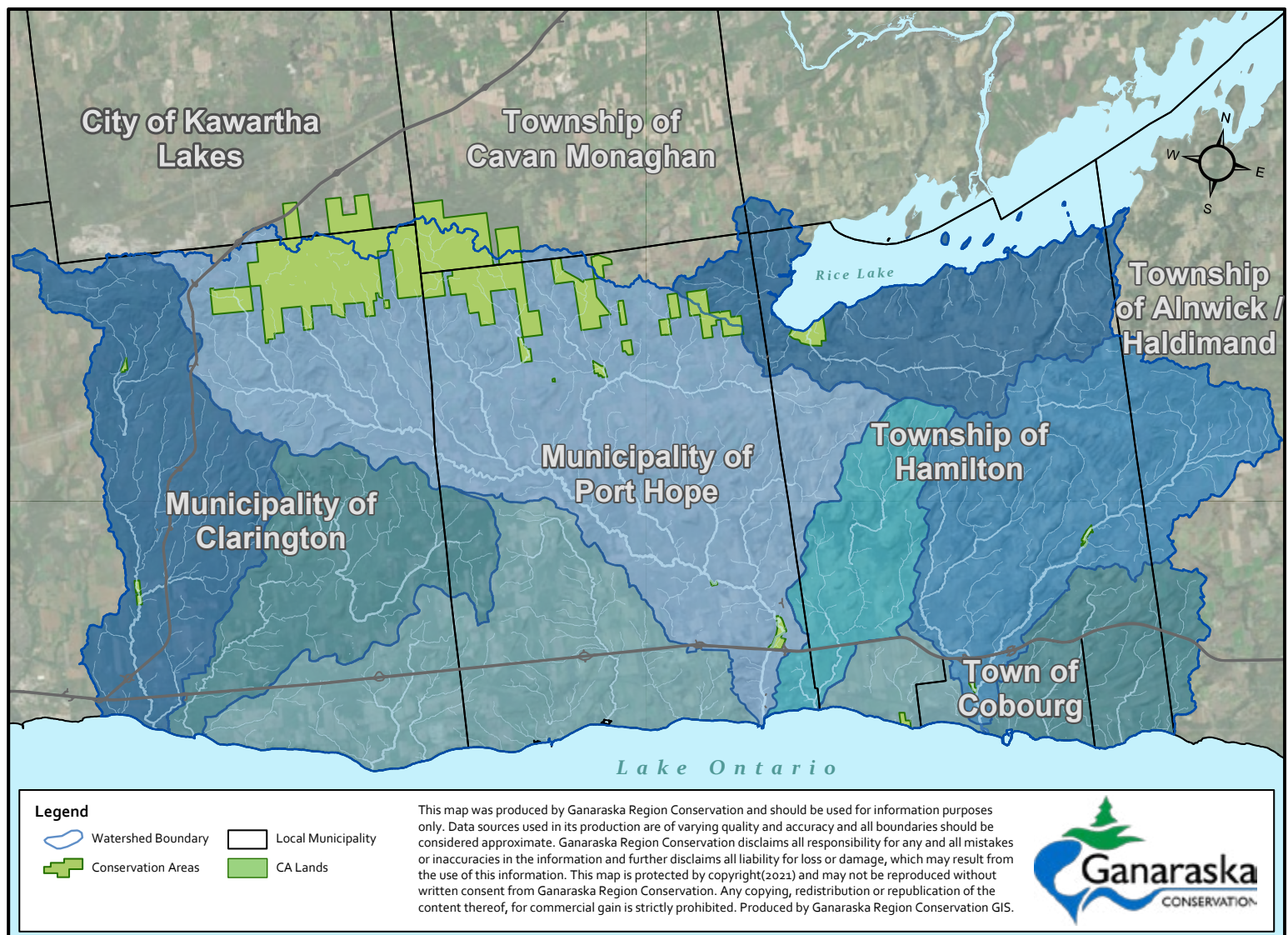
Town of Cobourg – Randy Barber

Town of Cobourg – Miriam Mutton

Municipality of Port Hope – Adam Pearson

City of Kawartha Lakes – Tracy Richardson

\* Denotes Chair \*\* Denotes Vice Chair





The Ganaraska Region Conservation Authority's Shared Vision:  
*Clean Water, Healthy Land For Healthy Communities*



The Ganaraska Region Conservation Authority's mission is to enhance and conserve across the Ganaraska Region Watershed by serving, educating, informing and engaging.

### **Our Shared Values**

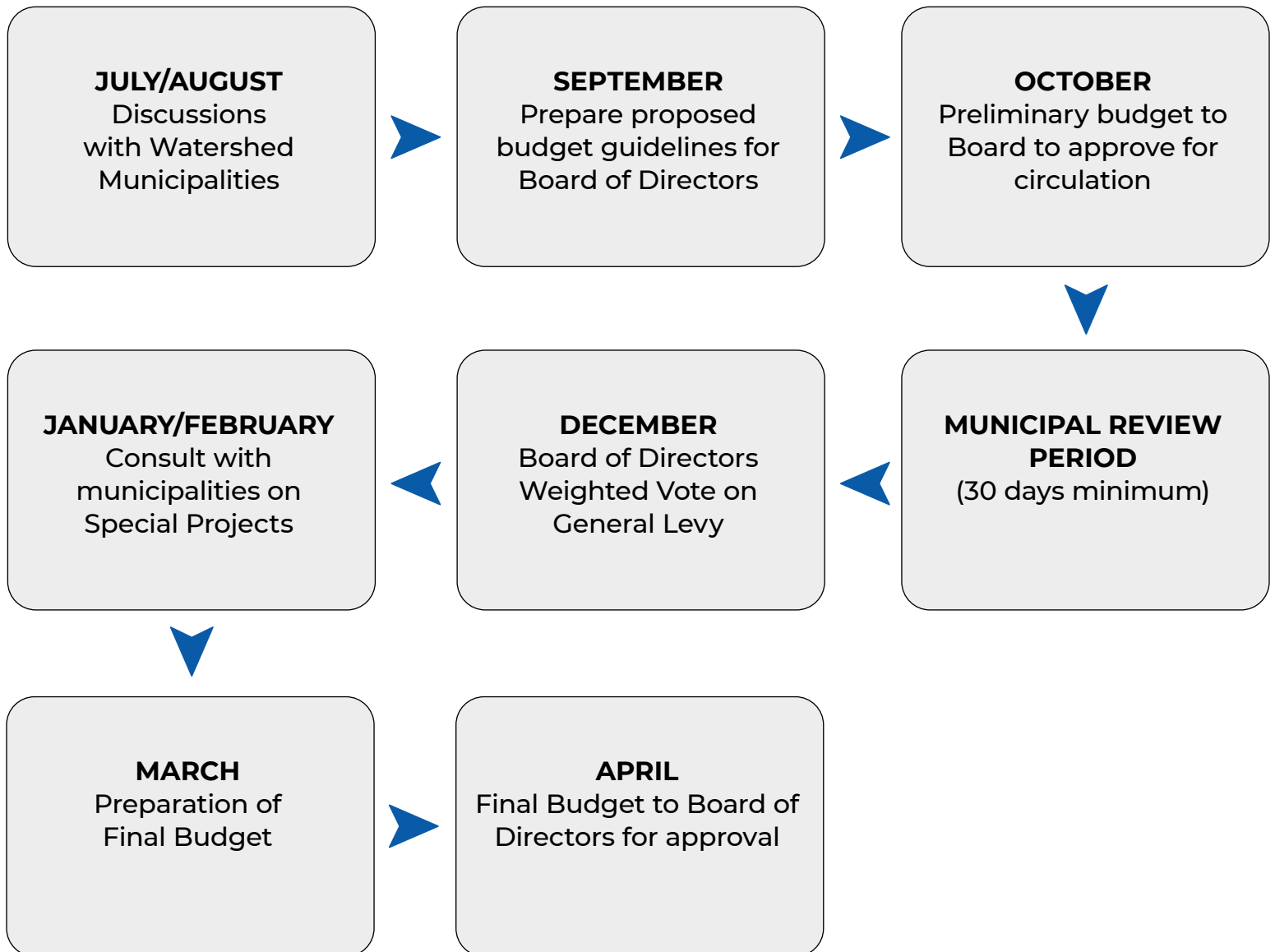
To Explore is to Value Knowledge  
To Learn is to Value Collaboration  
To Lead is to Value Excellence  
To Evolve is to Value Innovation

### **GRCA 2023 Committees**

Ganaraska Forest Recreational Users Committee  
Mark Gardiner (Chair), Jim Pearson, Jennifer Jackman, Garry Niece, Randy Cunningham, Amber Panchyshyn, Pam Julian, Carolyn Richards, Peter Wood, Steve Brownell, Marven Whidden, Matthew Robbins, Lisa Thompson, Maureen McDonald, Lance Nachoff (Board Representation)



# THE BUDGET PROCESS



# 2023 BUDGET PRESENTATION FORMAT



The Ganaraska Region Conservation Authority (GRCA) has 5 program and services departments:

- Watershed Management and Health Monitoring
- Environmental Advisory Services
- Watershed Stewardship
- Conservation Lands Management
- Corporate Services

The departments are further reported in accordance with the categorization as required by the **Regulation 687/21** as explained below.

## Conservation Authorities Act (CA Act) Regulations

In October, 2021, the Province of Ontario released Phase 1 regulations designed to implement amendments to the CA Act.

- Ontario Regulation 686/21: Mandatory Programs and Services
- Ontario Regulation 687/21: Transition Plans and Agreements for Programs and Services
- Ontario Regulation 688/21: Rules of Conduct in Conservation Areas

The budget columns report on the dollar amounts for the previous budget figures and the actual amount reported at year end and the proposed budget figures for the current year.

As with previous budgets, the budget figures may have been adjusted throughout the year as a result to reflect unexpected decreases/increases in the funding revenues. In cases where the funding received for a capital project is not spent, those funds are carried forward as deferred revenue.

The Phase 2 Regulations were finalized under the Conservation Authorities Act in April 2022.

The programs of the GRCA are classified into 5 areas. In 2023, the budget format was revised to further identify the program areas into categories 1, 2 and 3. The Program and Services Inventory is attached at the end of the budget. This inventory is based on the draft inventory circulated in 2022 which will be revised and finalized by the end of 2023.

## Categorization of Programs and Services as per Regulation 687/21:

### 1. Mandatory programs and services

Defined in regulation; where municipal levy could be used without any agreement.

### 2. Municipal programs and services

Programs and services at the request of a municipality (with municipal funding through an MOU/agreement).

### 3. Other programs and services

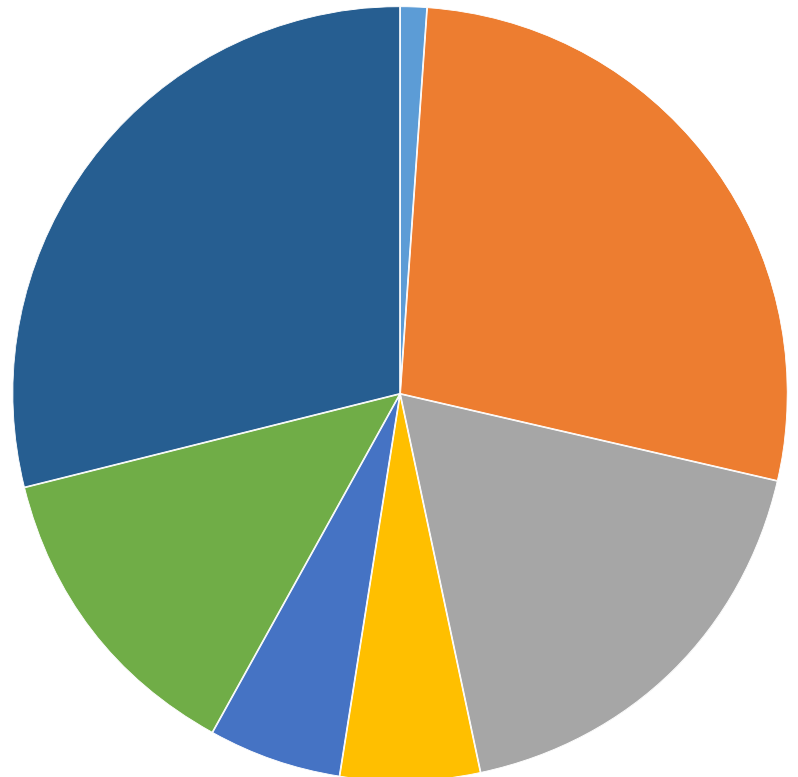
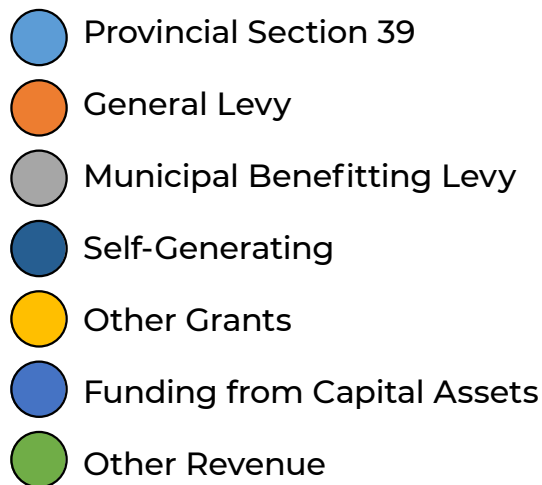
Programs and services an Authority determines are advisable (use of municipal levy requires an MOU/agreement with participating municipalities).

## 2023 BUDGET SUMMARY

Ganaraska Conservation's proposed budget for 2023 is \$4,488,052. The following pages provide context on the revenues and expenditures, a budget breakdown, and a break down of the levy for each watershed municipality.

### REVENUES

- Provincial Section 39 funding of \$51,863
- The general levy was increased 2.5%, includes a minimum levy of \$15,933.97 for a total general levy of \$1,238,969.
- Municipal benefitting levy totals \$808,685
- Self generating revenue totals \$1,296,075
- Other grants of \$260,200
- Funding from capital asset reserve of \$245,300
- Other revenue totals \$586,960
- Total Revenue \$4,488,052



# 2023 BUDGET SUMMARY

## SOURCES OF REVENUE

### **Provincial Section 39 Funding**

The Ontario Ministry of Natural Resources and Forestry provides funding to the Ganaraska Region Conservation Authority in the amount of \$51,863. This amount is approximately 50% of the funding that was provided for over the last 20 years and has remained at this reduced amount since 2019. This funding supports the mandated flood forecasting and warning programs.

### **Municipal General Levy**

The municipal general levy is funding provided by municipalities to support category 1 programs and services such as enabling services of corporate services, low water response, environmental monitoring and conservation land expenses for recreational uses.

### **Municipal Benefitting Levy**

Municipal benefitting levy is funding that supports benefitting or special projects which are projects that are carried out for specific watershed municipalities. Such projects are normally capital projects and may be shared by two or more municipalities within the conservation authority jurisdiction.

### **Self Generating Revenue**

Self generating revenue includes user fees for planning services and are set to recover but not exceed the costs associated with administering and delivering these services on a program basis including site inspections, legal inquiries.

Ganaraska Forest membership and day uses as well as bookings at the Forest Centre for education, weddings and camping. Special events, leasing lands and timber management are also included.

### **Other Grants**

Other grants include employment programs as well as grants from other agencies such as the Greenbelt Foundation.

### **Funding from Capital Assets Reserve**

Funding is set aside each year, \$178,002 in 2023, from the associated program areas and placed in a reserve that is to be utilized to fund the replacement of the physical assets of the GRCA.

### **Other Revenue**

Other revenue includes funding of projects that Ganaraska Conservation partners on with other conservation authorities, municipalities and counties that are outside of the GRCA jurisdiction. Administration fees which are fees charged for payroll costs and overhead against a program or project are also reported.



# 2023 BUDGET SUMMARY

## EXPENDITURES

- Watershed Management & Health Monitoring expenditures total \$1,342,630
- Environmental Advisory Services expenditures total \$335,888
- Watershed Stewardship expenditures total \$422,424

- Conservation Land Management expenditures total \$1,747,377
- Corporate Services expenditures total \$639,733



### Watershed Management and Health Monitoring

Costs required to develop the framework and management strategy to provide a rational approach to natural systems protection, restoration and use.

### Environmental Advisory Services

Costs associated with providing environmental review of development proposals submitted by municipalities, general public and developers.

### Watershed Stewardship

Costs associated with providing services and/or assistance to watershed residents and municipalities on sound environmental practices that will enhance, restore or protect properties.

### Conservation Land Management

Costs associated with land or buildings either owned or managed by the Authority and may have active programming on conservation lands.

### Corporate Services

Costs associated with the management and programs and services delivery.

### WATERSHED MANAGEMENT & HEALTH MONITORING

Watershed management and health monitoring program costs are those required to develop the framework and management strategy to provide a rational approach to natural systems protection, restoration and use. Programs within this area are in Category 1 and 2. Flood protection services fall

within this department, which include costs associated with providing watershed residents with an effective and efficient system that will reduce their exposure to the threat of flood damage and loss of life.

#### FLOOD PROTECTION SERVICES

##### Flood Forecasting and Warning – **Category 1:**

Procedures, undertaken by the Conservation Authority, required to reduce the risk of loss and property damage due to flooding through the forecasting of flood events and issuing of flood warnings, alerts and advisories to prepare those who must respond to the flood event. This is currently funded about 35% by the province and 65% by general levy.

##### Flood/Erosion Control Structures – **Category 1:**

Preventative maintenance to the flood and erosion control structures throughout the watershed.

**Floodplain Regulations – Category 1:** Includes costs associated with implementing the fill and floodplain regulations required ensuring the integrity of the watershed floodplain management system.

##### Flood Plain Mapping & Flood Mitigation Projects

– **Category 1:** Floodplain mapping improves flood management response and assists municipalities to understand their flood risk.

##### GIS Services & Remote Sensing – **Category 2:**

GRCA staff continue with these partnerships.

##### Resource Inventory and Environmental Monitoring

– **Category 1:** The groundwater program, funded by the Region of Durham, Municipality of Port Hope and the Township of Hamilton is also reflected under this area.

**Category 2:** The Municipality of Clarington, with Port Hope, Cobourg and Hamilton are funding watershed monitoring.

**Natural Heritage Mapping – Category 2:** A natural heritage mapping for the watershed is continuing using funds from the Municipality of Clarington.

##### Source Protection Planning – **Category 1:**

GRCA is part of the Trent Conservation Coalition (TCC) Source Protection Program, at protecting the sources of water (rivers, lakes, aquifers) used for municipal drinking water systems.

##### Watershed Plans & Strategies – **Category 2:**

Projects undertaken by the Conservation Authority to provide a broad understanding of ecosystem function and status and to make recommendations for appropriate environmental resource management, land use change, land management change, or redevelopment and restoration, on a watershed basis.



## WATERSHED MANAGEMENT & HEALTH MONITORING



### Revenues

Revenue Sources	2022 Budget	2022 Total	2023 Budget
Section 39 Provincial Funding	51,863	51,863	51,863
General Levy	202,652	202,652	176,446
Municipal Benefiting Levy	450,492	385,746	483,971
Self Generating Revenue	40,000	31,550	65,000
Other Grants	143,350	140,607	139,800
Funding From Capital Asset Reserve	77,000	0	9,000
Other Revenue	279,476	224,616	416,550
<b>Totals</b>	<b>1,244,833</b>	<b>1,037,034</b>	<b>1,342,630</b>

# WATERSHED MANAGEMENT & HEALTH MONITORING

## Expenditures

FLOOD PROTECTION SERVICES Category 1 - Mandatory Services	2022 Budget	2022 Total	2023 Budget
<b>Flood Forecasting &amp; Warning</b>			
Staffing	121,050	124,057	105,250
Expenses	22,100	37,470	32,000
Capital Asset Replacement	46,660	12,660	21,977
<b>TOTAL</b>	<b>189,810</b>	<b>174,187</b>	<b>159,227</b>
<b>Flood Control Structures</b>			
Staffing	9,800	17,545	9,900
Expenses	13,200	9,503	23,200
Capital Asset Replacement	3,500	3,500	3,588
<b>TOTAL</b>	<b>26,500</b>	<b>30,548</b>	<b>36,688</b>
<b>Erosion Control Structures</b>			
Staffing	1,000	1,437	1,000
Expenses	0	0	0
<b>TOTAL</b>	<b>1,000</b>	<b>1,437</b>	<b>1,000</b>
<b>Floodplain Regulations</b>			
Staffing	88,050	82,105	88,050
Expenses	3,800	1,778	3,800
Capital Asset Replacement	1,467	1,467	1,504
<b>TOTAL</b>	<b>93,317</b>	<b>85,350</b>	<b>93,354</b>
<b>Dam Safety</b>			
Capital Asset Replacement	7,088	7,063	7,240
<b>TOTAL</b>	<b>7,088</b>	<b>7,063</b>	<b>7,240</b>
<b>Natural Hazard Mapping: <i>Clarington Floodline Update</i></b>			
Staffing	15,500	9,349	15,512
Expenses	5,812	5,800	1,800
<b>TOTAL</b>	<b>21,312</b>	<b>15,149</b>	<b>17,312</b>



# WATERSHED MANAGEMENT & HEALTH MONITORING

## Expenditures

Category 2 - Municipal Services	2022 Budget	2022 Total	2023 Budget
<b>Flood Mapping - ORCA: Thompson Ck</b>			
Staffing	5,876	5,748	
Expenses	0	0	
<b>TOTAL</b>	<b>5,876</b>	<b>5,748</b>	
<b>Haliburton Floodplain Mapping</b>			
Staffing	180,300	142,445	205,550
Expenses	35,100	37,079	50,850
<b>TOTAL</b>	<b>215,400</b>	<b>179,524</b>	<b>256,400</b>
<b>Clarington NDMP Flood Plain Mapping Update:</b>			
<i>Graham Creek</i>			
Staffing	24,500	25,215	5,000
Expenses	1,602	2,690	0
<b>TOTAL</b>	<b>26,102</b>	<b>27,905</b>	<b>5,000</b>
<i>Wilmot Creek</i>			
Staffing	29,900	29,549	
Expenses	2,253	2,690	
<b>TOTAL</b>	<b>32,153</b>	<b>32,239</b>	
<b>Brook Creek Flood Mitigation</b>			
Staffing	20,000	3,401	21,500
Expense	5,000	0	100
<b>TOTAL</b>	<b>25,000</b>	<b>3,401</b>	<b>21,600</b>
<b>Durham Risk Assessment</b>			
Staffing	32,000	27,602	3,500
Expenses	2,000	2,368	0
<b>TOTAL</b>	<b>34,000</b>	<b>29,970</b>	<b>3,500</b>
<b>Durham Floodplain Mapping Updates (FHIMP)</b>			
Staffing			106,000
Expense			24,000
<b>TOTAL</b>			<b>130,000</b>
<b>ORCA Shared Projects</b>			
<i>Byersville Floodplain Mapping</i>			
Staffing			16,650
Expenses			63,000
<b>TOTAL</b>			<b>79,650</b>
<i>Jackson Creek</i>			
Staffing			25,000
<b>TOTAL</b>			<b>104,650</b>

# WATERSHED MANAGEMENT & HEALTH MONITORING

## Expenditures

GIS SERVICES & REMOTE SENSING			
Category 2 - Municipal Services	2022 Budget	2022 Total	2023 Budget
<b>Storm Sewer Asset Management</b>			
Staffing	32,059	21,735	30,500
Expenses	2,500	3,599	2,500
Capital Asset Replacement	941	0	0
<b>TOTAL</b>	<b>35,500</b>	<b>25,334</b>	<b>33,000</b>
<b>GIS SERVICES :</b>			
<i>Other CA's &amp; Partners</i>			
Staffing	22,325	25,215	22,325
Expenses	5,175	1,775	5,175
<b>TOTAL</b>	<b>27,500</b>	<b>26,990</b>	<b>27,500</b>
<b>Peterborough DEM</b>			
Staffing	8,100	2,441	4,500
Expenses	4,400	5,800	8,500
<b>TOTAL</b>	<b>12,500</b>	<b>8,241</b>	<b>13,000</b>
<b>Peterborough City DEM</b>			
Wages & Benefits	3,200	0	
Expenses	0	3,200	
<b>TOTAL</b>	<b>3,200</b>	<b>3,200</b>	
<b>Brighton Remote Sensing</b>			
Expenses	15,000	0	15,000
<b>TOTAL</b>	<b>15,000</b>	<b>0</b>	<b>15,000</b>
RESOURCE INVENTORY & ENVIRONMENTAL MONITORING			
Category 1 - Mandatory Services	2022 Budget	2022 Total	2023 Budget
<b>Groundwater</b>			
Staffing	63,950	67,303	55,270
Expenses	20,300	19,764	18,963
Capital Asset Replacement	675	675	692
<b>TOTAL</b>	<b>84,925</b>	<b>87,742</b>	<b>74,925</b>
<b>Water Quality Sampling (PWQMN)</b>			
Staffing	5,850	5,757	5,850
Expenses	50	0	50
<b>TOTAL</b>	<b>5,900</b>	<b>5,757</b>	<b>5,900</b>
<b>Low Water Response</b>			
Staffing	3,900	3,876	3,900
Expenses	0	0	0
<b>TOTAL</b>	<b>3,900</b>	<b>3,876</b>	<b>3,900</b>



# WATERSHED MANAGEMENT & HEALTH MONITORING



## Expenditures

RESOURCE INVENTORY & ENVIRONMENTAL MONITORING			
Category 2 - Muncipal Services	2022 Budget	2022 Total	2023 Budget
<b>Watershed Monitoring</b>			
Staffing	42,000	39,765	43,048
Expenses	36,007	44,631	38,550
Capital Asset Replacement	57,293	14,293	14,702
<b>TOTAL</b>	<b>135,300</b>	<b>98,689</b>	<b>96,300</b>
<b>Natural Heritage Mapping</b>			
Staffing	31,320	26,355	33,820
Expenses	1,680	1,680	2,314
<b>TOTAL</b>	<b>33,000</b>	<b>28,035</b>	<b>36,134</b>
<b>Soil Vulnerability Project</b>			
Staffing	23,000	14,551	
Expenses	28,850	17,849	
<b>TOTAL</b>	<b>51,850</b>	<b>32,400</b>	
SOURCE PROTECTION PLANNING			
Category 1 - Mandatory Services	2022 Budget	2022 Total	2023 Budget
<b>Source Protection Planning - TCC</b>			
Staffing	82,700	73,525	125,000
Expenses	1,000	3,732	1,000
<b>TOTAL</b>	<b>83,700</b>	<b>77,257</b>	<b>126,000</b>
Category 2 - Muncipal Services	2022 Budget	2022 Total	2023 Budget
<b>Hamilton Township RMO</b>			
Staffing	2,000	2,000	2,000
<b>TOTAL</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>

# WATERSHED MANAGEMENT & HEALTH MONITORING



## Expenditures

WATERSHED PLANS & STRATEGIES			
Category 2 - Municipal Services -			
Risks of Natural Hazards	2022 Budget	2022 Total	2023 Budget
Climate Change Strategy			
Staffing	41,000	27,884	35,000
Expenses	7,000	7,000	15,000
TOTAL	48,000	34,884	50,000
Watershed Report Card Update			
Staffing	19,900	6,318	18,800
Expenses	5,100	4,200	4,200
TOTAL	25,000	10,518	23,000
<b>TOTAL WATER MANAGEMENT &amp; HEALTH MONITORING</b>	<b>1,244,833</b>	<b>1,037,444</b>	<b>1,342,630</b>



## PROGRAMS & SERVICES



### ENVIRONMENTAL ADVISORY SERVICES

The environmental advisory services program costs are those associated with providing environmental review of development proposals submitted by

municipalities, general public and developers. General levy and plan review fees for stormwater management fund this service area.

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#### **Municipal/Public Plan Input & Review – Category 1:**

Includes municipal/public official plan review, comprehensive zoning bylaws, secondary plan review and general planning studies.

land division review, site plans and zoning bylaws and variances. Ganaraska Region Conservation Authority also provides engineering services to neighbouring conservation authorities on a fee for service basis.

#### **Development Plan Input & Review – Category 2:**

Includes development driven review of plans of subdivision and condos, official plan amendments,

**Watershed Ecology – Category 2:** Includes the ecological program of the Authority.



# ENVIRONMENTAL ADVISORY SERVICES

## Revenues

Revenue Sources	2022 Budget	2022 Total	2023 Budget
Section 39 Provincial Funding	0	0	0
General Levy	106,708	106,708	86,888
Municipal Benefiting Levy	46,000	42,000	50,000
Self Generating Revenue	111,000	144,750	156,000
Other Grants	0	0	0
Funding From Capital Asset Reserve	0	0	0
Other Revenue	43,000	43,000	43,000
<b>Totals</b>	<b>306,708</b>	<b>336,458</b>	<b>335,888</b>

## Expenditures

ENVIRONMENTAL ADVISORY SERVICES			
Category 1 - Mandatory Services	2022 Budget	2022 Total	2023 Budget
<b>Municipal/Public Plan Input &amp; Review</b>			
Staffing	82,300	78,073	76,400
Expenses	2,200	843	2,200
Capital Asset Replacement	2,004	2,004	2,053
<b>TOTAL</b>	<b>86,504</b>	<b>80,920</b>	<b>80,653</b>
Category 2 - Muncipal Services	2022 Budget	2022 Total	2023 Budget
<b>Development Plan Review</b>			
Staffing	116,100	110,626	133,282
Expenses	56,100	62,242	69,900
Capital Asset Replacement	2,004	2,004	2,053
<b>TOTAL</b>	<b>174,204</b>	<b>174,872</b>	<b>205,235</b>
<b>Watershed Ecology</b>			
Staffing	29,750	24,803	34,000
Expenses	16,100	15,386	16,000
Capital Asset Replacement	150	150	0
<b>TOTAL</b>	<b>46,000</b>	<b>40,339</b>	<b>50,000</b>
<b>TOTAL ENVIRONMENTAL ADVISORY SERVICES</b>	<b>306,708</b>	<b>296,131</b>	<b>335,888</b>

## PROGRAMS & SERVICES



### WATERSHED STEWARDSHIP

The watershed stewardship program costs are those associated with providing and/or assistance to watershed residents on sound environmental

practices that will enhance, restore or protect their properties. Watershed Stewardship is classified as Category 3 in the Programs and Services Inventory.

### LAND STEWARDSHIP

#### Clean Water - Healthy Lands

The Clean Water-Healthy Lands program is a stewardship program funded by Durham Region, Trees Ontario, Oak Ridges Moraine Foundation and landowners.

For Durham Region landowners, this program is subsidized by the Region of Durham. This program is also offered by the Municipality of Port Hope and

the Township of Hamilton for the landowners, within the municipalities in partnership with the Conservation Authority.

**Partner Projects** includes the partnership with the Greater Golden Horseshoe Conservation Authorities Coalition (GGH CAC).



# WATERSHED STEWARDSHIP



## Revenues

Revenue Sources	2022 Budget	2022 Total	2023 Budget
Section 39 Provincial Funding	0	0	0
General Levy	10,435	10,435	0
Municipal Benefiting Levy	257,350	178,136	274,714
Self Generating Revenue	110,750	77,578	97,100
Other Grants	16,200	2,702	26,800
Funding From Capital Asset Reserve	0	0	0
Other Revenue	111,584	103,151	23,810
<b>Totals</b>	<b>506,319</b>	<b>372,002</b>	<b>422,424</b>

## Expenditures

LAND STEWARDSHIP			
Category 2 - Muncipal Services	2022 Budget	2022 Total	2023 Budget
<b>Durham Collaborative Tree Program</b>			
Staffing	33,000	25,909	20,000
Expenses	42,000	20,775	32,000
Other CA funds (transferred)	162,000	156,500	113,000
<b>TOTAL</b>	<b>237,000</b>	<b>203,184</b>	<b>165,000</b>
<b>Partner Projects</b>			
OPG Projects	11,277	9,171	15,510
Enbridge	1,307	53	0
GGH CAC	5,000	2,500	2,500
<b>TOTAL</b>	<b>17,584</b>	<b>11,724</b>	<b>18,010</b>



# WATERSHED STEWARDSHIP



## Expenditures

CLEAN WATER - HEALTHY LAND	2022 Budget	2022 Total	2023 Budget
<b>Financial Assistance Program</b>			
Expenses	12,000	12,779	12,000
Landowner Program Projects	95,850	47,856	95,214
<b>TOTAL</b>	<b>107,850</b>	<b>60,635</b>	<b>107,214</b>
Category 3 - Non-Mandatory Services	2022 Budget	2022 Total	2023 Budget
<b>Tree Plant</b>			
Staffing	20,000	17,520	13,500
Expenses	90,230	57,875	83,067
Capital Asset Replacement	520	520	533
	110,750	75,915	97,100
<b>TOTAL</b>	<b>218,600</b>	<b>136,550</b>	<b>204,314</b>
<b>OPG Projects</b>			
Staffing	0	2,632	0
Expenses	9,000	5	8,300
<b>TOTAL</b>	<b>9,000</b>	<b>2,637</b>	<b>8,300</b>
<b>Fisheries Review</b>			
Staffing	18,100	8,818	12,339
Expenses	5,600	1,761	14,015
Capital Asset Replacement	435	435	446
<b>TOTAL</b>	<b>24,135</b>	<b>11,014</b>	<b>26,800</b>
<b>TOTAL WATERSHED STEWARDSHIP</b>	<b>506,319</b>	<b>365,109</b>	<b>422,424</b>

## PROGRAMS & SERVICES



### CONSERVATION LAND MANAGEMENT

This program area includes all expenses associated with lands or buildings either owned or managed

by the Authority. This area is divided into passive recreation and programmed recreation.

**Passive Recreation – Category 1:** The costs associated with lands and buildings that do not have active programming. The expenses included are the costs for owning or managing the land.

**Programmed Recreation –** The direct costs associated with delivering active programming on Conservation Authority lands. This includes the Ganaraska Forest Centre and the Ganaraska Forest.

**Ganaraska Forest Centre – Category 3:** For over 40 years, the Ganaraska Region Conservation Authority has provided a unique outdoor education experience to elementary and secondary students at the Ganaraska Forest Centre.

The outdoor education facility offers both day and overnight education programming. Such programs offered are: map reading, orienteering, forest studies and stream and pond study. As well, the facility is rented out to Scouts and Girl Guides for weekend use. COVID-19 continues to impact the

Forest Centre revenue areas including but not limited to outdoor education programming, as well as wedding venue rentals.

**Ganaraska Forest – Category 1 and 3:** On April 1st, 1997, the Conservation Authority took back management of the Ganaraska Forest from the Ministry of Natural Resources. Revenue from the forest comes from the sale of timber and membership fees.

For 2023, the revenue from timber contracts are estimated at \$269,000.00. The membership revenue expected to be significantly decreased given that 2022 memberships will be extended as a result of the forest closure caused by the derecho storm of May 21, 2022.

It is anticipated that the damage caused by this storm will impact future forest timber management revenues. The partnership with Treetop Trekking continues and revenues are estimated at \$36,000.00.



## CONSERVATION LAND MANAGEMENT



### Revenues

Revenue Sources	2022 Budget	2022 Total	2023 Budget
Section 39 Provincial Funding	0	0	0
General Levy	380,718	380,718	502,502
Municipal Benefiting Levy	0	0	0
Self Generating Revenue	1,256,400	1,025,741	978,175
Other Grants	67,650	36,792	93,600
Funding From Capital Asset Reserve	165,000	0	151,300
Other Revenue	2,000	10,000	22,000
<b>Totals</b>	<b>1,871,768</b>	<b>1,453,251</b>	<b>1,747,377</b>



# CONSERVATION LAND MANAGEMENT



## Expenditures

PASSIVE RECREATION			
Category 1 - Mandatory Services	2022 Budget	2022 Total	2023 Budget
Staffing	175,500	176,555	201,348
Expenses	99,000	108,641	90,900
Capital Asset Replacement	54,896	14,771	25,140
<b>TOTAL</b>	<b>329,396</b>	<b>299,967</b>	<b>317,388</b>
GANARASKA FOREST			
Category 1 - Mandatory Services (Forest Recreation)			
Category 3 - Non-Mandatory Services (Timber Management)	2022 Budget	2022 Total	2023 Budget
Staffing	551,194	497,229	478,000
Expenses	366,636	236,887	322,150
Capital Asset Replacement	186,142	27,558	129,439
<b>TOTAL</b>	<b>1,103,972</b>	<b>761,674</b>	<b>929,589</b>
GANARASKA FOREST CENTRE			
Category 3 - Non-Mandatory Services	2022 Budget	2022 Total	2023 Budget
Staffing	238,640	229,912	249,440
Expenses	137,277	183,641	168,562
Capital Asset Replacement	62,483	38,833	82,398
<b>TOTAL</b>	<b>438,400</b>	<b>452,386</b>	<b>500,400</b>
<b>TOTAL CONSERVATION LAND MGMT</b>	<b>1,871,768</b>	<b>1,514,027</b>	<b>1,747,377</b>

## PROGRAMS & SERVICES



### CORPORATE SERVICES

This budget area provides the leadership and management in the delivery of all programs and services. It is composed of the wages and benefits of staff of the Conservation Authority, whose main function is to provide coordination, support and

services to all programs rather than specific programs. All expenses associated with the Board of Directors are directed to this area. As well, expenses associated with the operations of the administration building.

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#### **Programs and Services Inventory:**

Corporate Services is classified as enabling services requiring levy support.

**Program Description:** Key assistance provided to all departments of the conservation authority, board of directors, member municipalities, and the general public to enable Ganaraska Conservation to operate in an accountable, transparent, efficient, and effective manner.

Specific items include:

**Corporate/Finance Management** - includes all administrative and financial staff wages, benefits and expenses, general membership expenses as well as corporate expenses for the Conservation Authority, which includes the levy to Conservation Ontario.

**Office Services** – includes all wages and benefits for IT staff as well as expenses, supplies, equipment, computer services, maintenance, and utilities for the main administrative building for the various program areas.

**Corporate Communications** – includes wages and benefits for staff working on communication projects as well as community and public relations expenses, website maintenance and any information costs.

All publications, advertising and Authority staff uniforms are included in this program area.

## CORPORATE SERVICES

### Revenues

Revenue Sources	2022 Budget	2022 Total	2023 Budget
Section 39 Provincial Funding	0	0	0
General Levy	508,237	508,237	473,133
Municipal Benefiting Levy	0	0	0
Self Generating Revenue	0	0	0
Other Grants	0	0	0
Funding From Capital Asset Reserve	43,000	0	85,000
Other Revenue	148,500	179,602	81,600
<b>Totals</b>	<b>699,737</b>	<b>687,839</b>	<b>639,733</b>

### Expenditures

Enabling Services	2022 Budget	2022 Total	2023 Budget
<b>CORPORATE/FINANCE MANAGEMENT</b>			
Staffing	264,600	260,034	263,600
Expenses	85,760	79,840	59,360
<b>TOTAL</b>	<b>350,360</b>	<b>339,874</b>	<b>322,960</b>
<b>OFFICE SERVICES</b>			
Staffing	24,000	25,884	26,500
Expenses	184,300	108,987	102,691
Capital Asset Replacement	69,077	44,077	121,077
<b>TOTAL</b>	<b>277,377</b>	<b>178,948</b>	<b>250,273</b>
<b>CORPORATE COMMUNICATIONS</b>			
Staffing	40,000	46,183	60,000
Expenses	31,600	23,972	6,100
Capital Asset Replacement	400	400	400
<b>TOTAL</b>	<b>72,000</b>	<b>70,555</b>	<b>66,500</b>
<b>TOTAL CORPORATE SERVICES</b>	<b>699,737</b>	<b>589,377</b>	<b>639,733</b>





## RESERVES AND OPERATING SURPLUS

The Ganaraska Region Conservation Authority has two reserves.

### Capital Asset Replacement Reserve

The Ganaraska Region Conservation Authority developed a Capital Asset Replacement plan in 2016. The goal of every capital asset management plan is to define the use of assets in order to streamline productivity and delivery with minimal loss of capital.

This reserve will replace the equipment reserve that had been previously established in 1992 and does not include any grant dollars. This reserve is allocated to major maintenance and replacement of the GRCA capital assets. This reserve is an essential part of GRCA's ongoing fiscal responsibility framework, as it guides the purchase, maintenance, and disposal of every asset GRCA needs in order to conduct business.

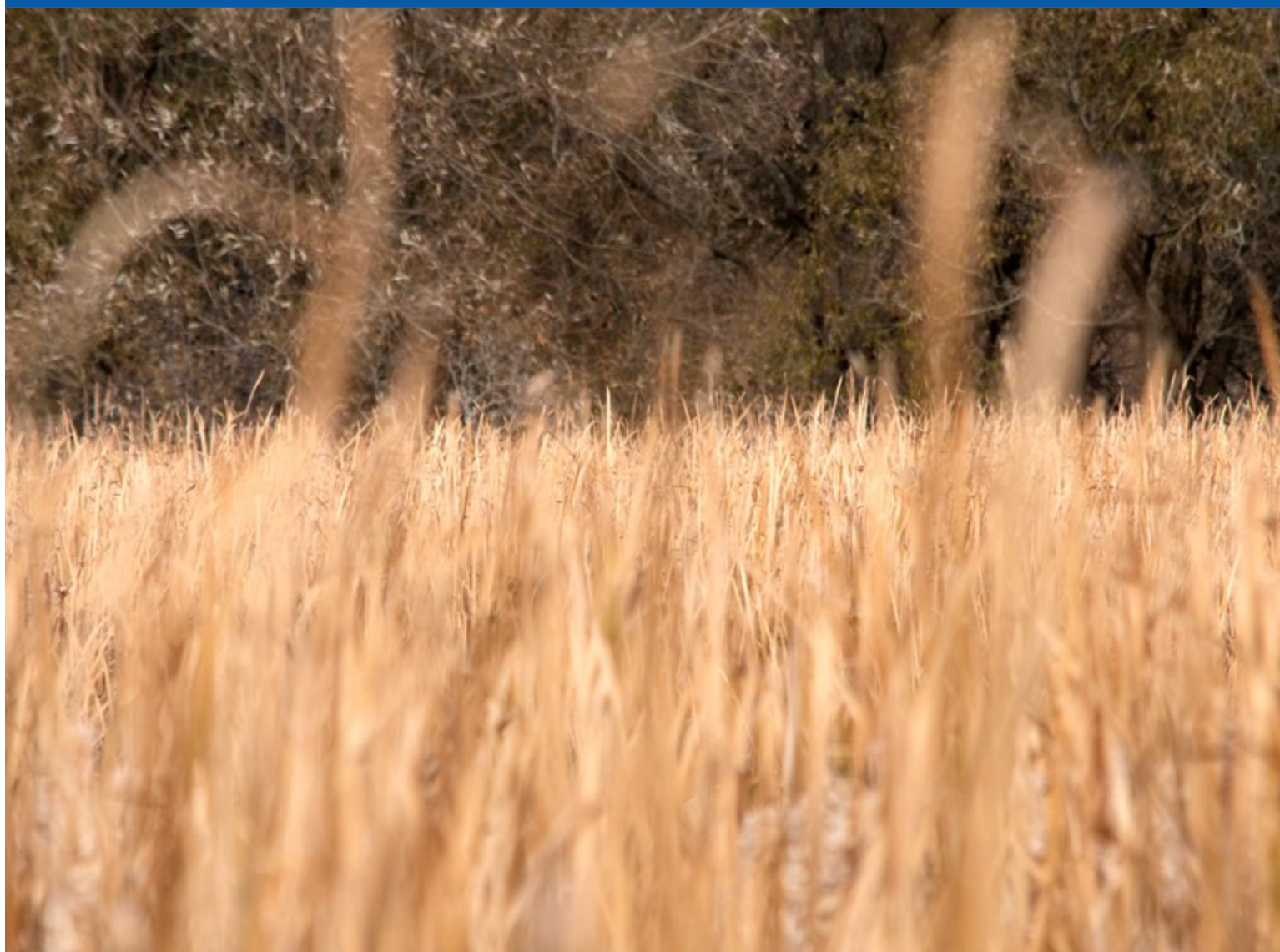
### Forest Purchase Reserve

This reserve was established in 2001 with a \$10,000.00 donation by the Township of Cavan Monaghan to be used for costs associated with a land purchase within the Peterborough County jurisdiction.

### Operating Surplus/Deficit

The Ganaraska Region Conservation Authority's operating surplus is attributable to the change in recording tangible capital assets at cost in accordance with the recent change in Public Sector Accounting Board (PSAB) rules.

## GRCA GENERAL LEVY



Municipal Partner	2022 Levy	2023 Levy
Municipality of Clarington	617,833.23	635,528.22
Town of Cobourg	244,671.37	251,353.43
Municipality of Port Hope	195,856.40	199,414.81
Township of Alnwick/Haldimand	13,459.55	13,824.17
Township of Hamilton	129,203.99	130,803.78
Township of Cavan Monaghan	4,559.44	4,708.90
City of Kawartha Lakes	3,166.02	3,336.65



## PROGRAMS & SERVICES

Program Area	Program/Service & Sub-services	Description	Category (1,2,3)
<b>Enabling Services</b> <i>Program Description: Key assistance provided to all departments of the conservation authority, board of directors, member municipalities and the general public to enable Ganaraska Conservation to operate in an accountable, transparent, efficient and effective manner.</i>			
CS	Corporate Services	Administrative, human resources, operating and capital costs which are not directly related to the delivery of any specific program or service, but are the overhead and support costs of a conservation authority. Includes health and safety program, overseeing programs and policies.	Enabling
CS	Financial Management	Annual budget, accounts payable and receivable, payroll, financial analysis, financial audit, administration of reserves and investments, financial reports for funding agencies, preparing and submitting reports to CRA, benefits program administration.	Enabling
CS	Legal Expenses	Costs related to agreements/contracts, HR, etc.	Enabling
CS	Governance	Supporting CA Boards, Advisory Committees, Office of CAO/ST	Enabling
CS	Communications & Outreach	Public awareness-natural hazards, flood forecasting and warning, permitting requirements, natural hazard identification, mitigation, readiness and response, governance, policy, municipal and public relations and engagement, conservation lands.	Enabling
CS	Administration Buildings	Administrative office and millennium building used to support staff, programs, and services. Includes utilities, routine and major maintenance, property taxes. Included is a charge out for capital asset replacement.	Enabling
CS	Information Technology Management/ GIS	Data management, records retention. Development and use of systems to collect and store data and to provide spatial geographical representations of data. Included is a charge out for capital asset replacement.	Enabling



## PROGRAMS & SERVICES

Program Area	Program/Service & Sub-services	Description	Category (1,2,3)
<b>Natural Hazard Management Program</b> <i>Program Description: Conservation Authorities (CAs) are the lead provincial agencies on Natural Hazard issues. The goal is to protect life and property from flooding and erosion. This watershed-wide, comprehensive program includes development applications and permits, municipal plan input and review, environmental planning and policy, flood forecast and warning, flood and erosion control infrastructure, technical studies, ice management, education, and public awareness.</i>			
WMHM	Section 28 Permit Administration	Reviewing and processing permit applications, associated technical reports, site inspections, communication with applicants, agents, and consultants and legal costs.	1
EAS	Municipal Plan Input & Review	Technical information and advice to municipalities on circulated municipal land use planning applications (Official Plan and Zoning By-law Amendments, Subdivisions, Consents, Minor Variances). Input to municipal land-use planning documents (OP, Comprehensive ZB, Secondary plans) related to natural hazards, on behalf of Ministry of Northern Development, Mines, Natural Resources and Forestry (MNDMNR), delegated to CAs (1983). Input to the review, approval processes under other applicable law, with comments related to natural hazards, wetlands, watercourses, and Sec. 28 permit requirements.	1
WMHM	Flood Forecasting & Warning	Daily data collection and monitoring of weather forecasts, provincial and local water level forecasts, watershed conditions, snow surveys, flood event forecasting, flood warning, communications and response and equipment maintenance.	1
WMHM	Flood & Erosion Control Infrastructure Operation & Management	Water and erosion control infrastructure operations and management. Includes all water management structures (flood control, dams and channels, berms, erosion control, etc.) that are annually inspected, and routine maintenance work completed. Included is a charge out for capital asset replacement.	1

## PROGRAMS & SERVICES

Program Area	Program/Service & Sub-services	Description	Category (1,2,3)
<b>Natural Hazard Management Program</b>			
WMHM	Flood & Erosion Control Infrastructure Operation & Management	Major maintenance on flood and erosion control structures as required. Projects are dependent on Water and Erosion Control Infrastructure (WECI) funding from the province and support from our municipal partners.	1
WMHM	Flood & Erosion Control Infrastructure Operation & Management	Major maintenance on flood and erosion control structures as required. Projects are dependent on Water and Erosion Control Infrastructure (WECI) funding from the province and support from our municipal partners.	1
WMHM	Low Water Response	Conditions monitoring and analysis. Technical and administrative support to the Water Response Team representing major water users and decision makers, who recommend drought response actions.	1
WMHM	Information Management	Data collection, mapping, data sets, watershed photography. Development and use of systems to collect and store data and to provide spatial geographical representations of data. This includes our geographical information systems and support.	1
WMHM	Technical Studies & Policy Review	Studies and projects to inform natural hazards management programs including floodplain management, watershed hydrology, regulations areas mapping update, flood forecasting system assessment, floodplain policy, Lake Ontario shoreline management. These projects often for a specific number of years and are distributed over time as human resources and funding is available.	1
CL	Natural Hazards Communications, Outreach & Education	Promoting public awareness of natural hazards including flooding, drought, and erosion. Attending public events, supplying materials. Social media services. Media relations. Educate elementary school students through the Spring Water Awareness program about the danger of floodwaters, dangers of dams, etc.	1

## PROGRAMS & SERVICES



Program Area	Program/Service & Sub-services	Description	Category (1,2,3)
<b>Provincial Water Quality &amp; Quantity Monitoring</b> <i>Program Description: Ganaraska Conservation, in partnership with Ministry of Environment, Climate Change and Parks (MECP), has established long term sites to monitor surface and ground water conditions as well as an investment into long-term monitoring of climate change trends.</i>			
WMHM	Provincial Water Quality Monitoring Network (PWQMN)	CA/MECP partnership for stream water quality monitoring at 9 sites. Staff take water samples and MECP does lab analysis and data management. Information is used for watershed report cards and stewardship project prioritization.	1
WMHM	Provincial Groundwater Monitoring Network (PGMN)	A long-standing CA/MECP partnership for groundwater level and quality monitoring at 17 stations. Costs include sampling, data collection, analysis, data management and reporting. MECP funded network installation and continues to fund equipment replacements. Data collected supports groundwater monitoring, low water response, and water quality monitoring.	1
<b>Local Water Quality Monitoring</b> <i>Program Description: Ganaraska Conservation, in partnership with community organizations, municipalities, and federal and provincial agencies has established sites to monitor surface water quality and quantity as well as many other parameters to support a healthy ecosystem.</i>			
WMHM	Surface Water Quality Monitoring Program	Surface water quality monitoring at 18 surface water sites, (in addition to PWQMN), water quantity measurements at 80 baseflow sites and water quality samples collect at 4 auto sampler sites supporting Lake Ontario nearshore water monitoring. Costs include sampling, analysis, equipment maintenance and reporting.	2



## PROGRAMS & SERVICES

Program Area	Program/Service & Sub-services	Description	Category (1,2,3)
<b>Drinking Water Source Protection</b> <i>Program Description: The protection of municipal drinking water supplies in the Trent Conservation Coalition (TCC) Region and the Ganaraska Region Source Protection Area through the development and implementation of TCC Source Protection Plans. Ganaraska Conservation is a member of the TCC which is a complex regional grouping of five Source Protection Areas including Ganaraska, Crowe, Otonabee, Kawartha and Lower Trent Authorities</i>			
WMHM	Local Source Protection Area DWSP	Source Protection Authority reports, meetings and governance. Delivery of the activities required by the Clean Water Act and regulations as per Clean Water Act.	1
WMHM	DWSP Risk Management Official	Carrying out Part IV duties of the Clean Water Act on behalf of municipalities through service agreements.	2
<b>Core Watershed-based Resource Management Strategy</b> <i>Program Description: The purpose of a watershed plan is to understand the current conditions of the watershed, and identify measures to protect, enhance, and restore the health of the watershed. Watershed strategies provide a management framework to provide recommendations which consists of goals, objectives, indicators, and management recommendations. This addresses existing issues in the watershed and mitigate impacts from potential future land uses, while recommending appropriate actions to protect, enhance, and restore the watershed.</i>			
NEW	Strategy Development	<b>New Project:</b> Collate/compile existing resource management plans, watershed plans, studies, and data. Strategy development, implementation, and annual reporting. This project builds on previous Watershed Management Strategies. To be completed on or before December 31, 2024 per requirements of Regulation.	1
<b>Sub-watershed Plans and Projects</b> <i>Program Description: Watershed strategies provide a management framework to provide recommendations which consists of goals, objectives, indicators, and recommendations. This addresses existing issues in the watershed and mitigate impacts from potential future land uses, while recommending appropriate actions to protect, enhance, and restore the watershed.</i>			
WMHM	Natural Heritage Mapping	Ganaraska Conservation incorporates natural heritage information particularly around wetlands to develop planning and regulatory strategies to mitigate downstream natural hazards	2
EAS	Watershed Ecology	Ganaraska Conservation provides watershed ecology services to specific watershed municipalities.	2

## PROGRAMS & SERVICES

Program Area	Program/Service & Sub-services	Description	Category (1,2,3)
<b>Conservation Authority Lands and Conservation Areas</b> <i>Program Description: Ganaraska Conservation owns over 11,000 acres of land which includes conservation areas, the Ganaraska Forest, significant wetlands and flood control structures and surrounding land. Ganaraska Conservation property is essential to watershed management, environmental protection, helps implement the Watershed Management Strategy and provides areas for passive recreation.</i>			
CL	Ganaraska Forest	<p>Ganaraska Conservation owns and maintains the 11,000 acre Ganaraska Forest. The forest has 100's of kilometers of multi-use trails that require maintenance year round. This Includes recreation, forest management, risk management program, hazard tree management, gates, fencing, signage, communications, pedestrian bridges, trails, parking lots, picnic shelters, road, restoration, ecological monitoring, carrying costs such as taxes and insurance. The Ganaraska Forest Management Plan guides the management of the forest. The plan's primary goal is "to conserve, enhance and where feasible restore the forest ecosystem to reflect the native biodiversity of the Ganaraska Forest while at the same time embracing recreational, education and social activities that support the health and sustainability of the forest."</p> <p>Category 3 – GRCA also does timber management within the forest. The Forest Management Plan lists principles by which the forest is managed and the last principle states that "the Ganaraska Forest provides a sustainable economic benefit to the GRCA, without compromising the ecological health of the Ganaraska Forest." The revenues vary from year to year based on the plan. Expenses are matched with those revenues.</p>	1, 3
CL	Conservation Areas	GRCA is responsible for the management and maintenance of 9 conservation areas, as well as other lands that are not formal conservation areas. This Includes passive recreation, forest management, risk management program, hazard tree management, gates, fencing, signage, communications, pedestrian bridges, trails, parking lots, picnic shelters, road, restoration, ecological monitoring, carrying costs such as taxes, insurance and capital asset replacement.	1

## PROGRAMS & SERVICES

Program Area	Program/Service & Sub-services	Description	Category (1,2,3)
<b>Conservation Authority Lands and Conservation Areas</b>			
CL	Conservation Area Major Maintenance	Major maintenance and capital improvements to support public access, safety, and environmental protection such as pedestrian bridges, boardwalks, pavilions, trails. These expenses are covered by the capital asset reserve in most cases.	1
CL	Land Acquisition	Strategic acquisition of environmentally significant properties.	2, 3
NEW	Inventory of Conservation Authority Lands	<p><b>New Project:</b> The land inventory will include the following information: location, date obtained, method and purpose of acquisition, land use. Project updates as inventory changes.</p> <p>To be completed on or before December 31, 2024 per requirements of Regulation.</p>	1
NEW	Strategy for CA owned or controlled lands and management plans	<p><b>New Project:</b> A strategy to guide the management and use of CA-owned or controlled properties including guiding principles, objectives, land use, natural heritage, classifications of lands, mapping, identification of programs and services on the lands, public consultation, publish on website. Updates of existing conservation area management plans.</p> <p>To be completed on or before December 31, 2024 per requirements of Regulation.</p>	1
NEW	Land Acquisition and Disposition Strategy	<p>Update current policy to guide the acquisition and disposition of land to fulfill the objects of the authority.</p> <p>To be completed on or before December 31, 2024 per requirements of Regulation.</p>	1



## PROGRAMS & SERVICES

Program Area	Program/Service & Sub-services	Description	Category (1,2,3)
<b>Watershed Stewardship</b> <i>Program Description: The watershed stewardship program includes a fisheries component, a program funded by municipalities which provides funding for landowners for projects and the landowner tree planting program.</i>			
WS	Private Landowner Stewardship Program	<b>Clean Water-Healthy Land – Financial Assistance Program:</b> In partnership with some of the watershed municipalities, Ganaraska Conservation offers environmental technical and financial assistance, tools and information to any resident, business, school or service club within its jurisdiction and within the participating municipality.	2
WS	Tree Planting Services	<b>Clean Water-Healthy Land – Tree Planting</b> GRCA Tree Seedling Program allows property owners to purchase bare root native tree and shrub seedlings at a minimal cost. GRCA also provides full service tree planting to landowners.	3
WS	Fisheries Services	In partnership with Fisheries and Oceans Canada, Ganaraska Conservation staff are responsible for the sea lamprey monitoring program on Cobourg Creek which captures and samples many difference species and record the results and submit data. Fish surveys are also done with other partners, such as OPG and Hydro One through agreements.	3
WS	Stewardship Partner Projects	Ganaraska Conservation's stewardship program partners with various organizations to deliver environmental programs and projects. These programs are for a limited time period. Example include the Highway of Heroes Tree Campaign tree planting partnership, Forests Ontario and the Durham Collaborative Tree Program.	3

## PROGRAMS & SERVICES



Program Area	Program/Service & Sub-services	Description	Category (1,2,3)
<b>Other Program Areas</b> <i>Program Description: Ganaraska Conservation delivers other programs that are not part of the mandatory programs and services as outlined in O. Reg. 686/21. All of these programs are funded without municipal general levy. All of the programs influence and enhance the health and watershed management of the GRCA and are part of a larger integrated watershed management model.</i>			
CL	Outdoor Education	The Ganaraska Forest Centre, located in the heart of the Ganaraska Forest, is home to the outdoor education program of the GRCA where thousands of students visit for a day or overnight to learn about their environmental footprint and become familiar with the natural world around them. Taught by Ontario –certified teaching staff, the GFC offers curriculum-based education programs for elementary and secondary students. These programs focus on local watersheds, ecosystems, and environmental issues. Programs take can also take place at schools (indoors and outdoors) or through online learning.	3
NEW	Other	Opportunities for new projects or programs that benefit the watershed and its municipal partners can occur anytime and can have varying durations. These projects may require matching funding or be self-sustaining. New projects may require municipal participation and/or funding.	3

## LANDS ACKNOWLEDGEMENT STATEMENT

*The Ganaraska Region Conservation Authority respectfully acknowledges the land on which we gather is situated within the traditional and treaty territory of the Mississaugas and Chippewas of the Anishinabek, known today as the Williams Treaties First Nations. Our work on these lands acknowledges their resilience and their longstanding contributions to the area. We are thankful for the opportunity to live, learn and share with mutual respect and appreciation.*



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