

2019 Draft Budget

City of Hamilton
January 22, 2019



Photo: GRCA /B. Doherty

About the Grand River Watershed

Length

300 km

Area

6,800 km²

larger than Prince Edward Island

Flows into

Lake Erie at Port Maitland

Length of rivers and streams

11,000 km



About the Grand River Watershed

4 major tributaries

Speed, Eramosa, Nith and Conestogo

Population

Close to one million

Boundaries

39 municipalities and two First Nations

80% of people live in five cities:

Kitchener, Waterloo, Guelph, Cambridge, Brantford



About the Grand River Watershed

Farming

70% of watershed is agricultural land

Drinking water

73% wells
24 % river
3 % lake

Wastewater

30 sewage treatment plants



About the Grand River Watershed

**The Grand River watershed
faces important and
evolving challenges ...**

About the Grand River Watershed

Population Growth

- Need for water supplies, sewage treatment, groundwater recharge



About the Grand River Watershed

Extensive Agriculture

- impact on water quality and quantity
- erosion needs to be addressed to protect farmland and water quality



About the Grand River Watershed

Climate Change

- the issue of our time – presents new challenges including increased frequency of extreme events (floods, droughts, ice storms, etc.)



GRCA Strategic Plan 2019 - 2021

Our Vision

A healthy watershed where we live, work, play and prosper in balance with the natural environment.



GRCA Strategic Plan 2019 - 2021

Our Mission

We will work with local communities to reduce flood damage, provide access to outdoor spaces, share information about the natural environment, and make the watershed more resilient to climate change.



GRCA Strategic Plan 2019 - 2021

Strategic Priorities:

1. Protecting life and minimizing property damage from flooding and erosion.
2. Improving the health of the Grand River watershed.



GRCA Strategic Plan 2019 - 2021

Strategic Priorities:

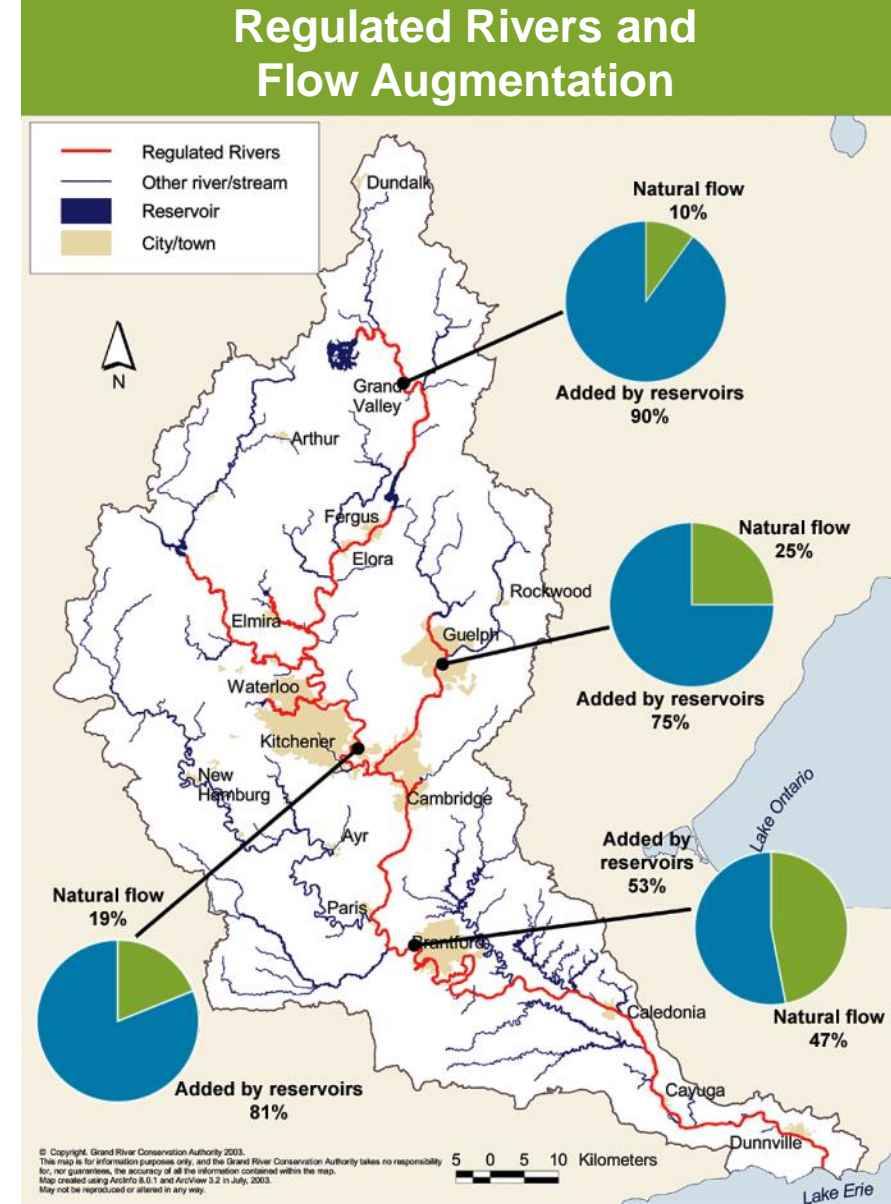
3. Connecting people to the environment through outdoor experiences.
4. Managing land holdings in a responsible and sustainable way.



Understanding and Responding

Protect life and minimize property damage

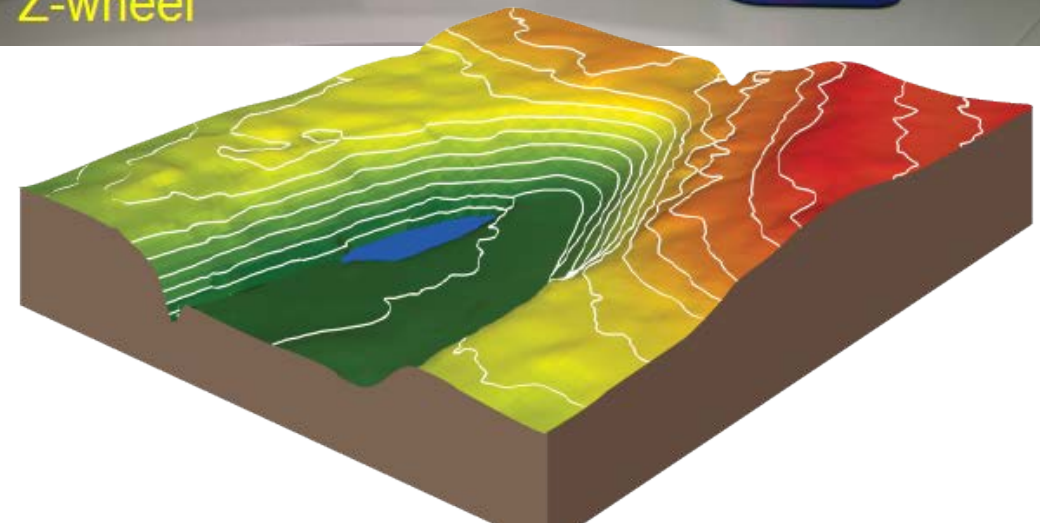
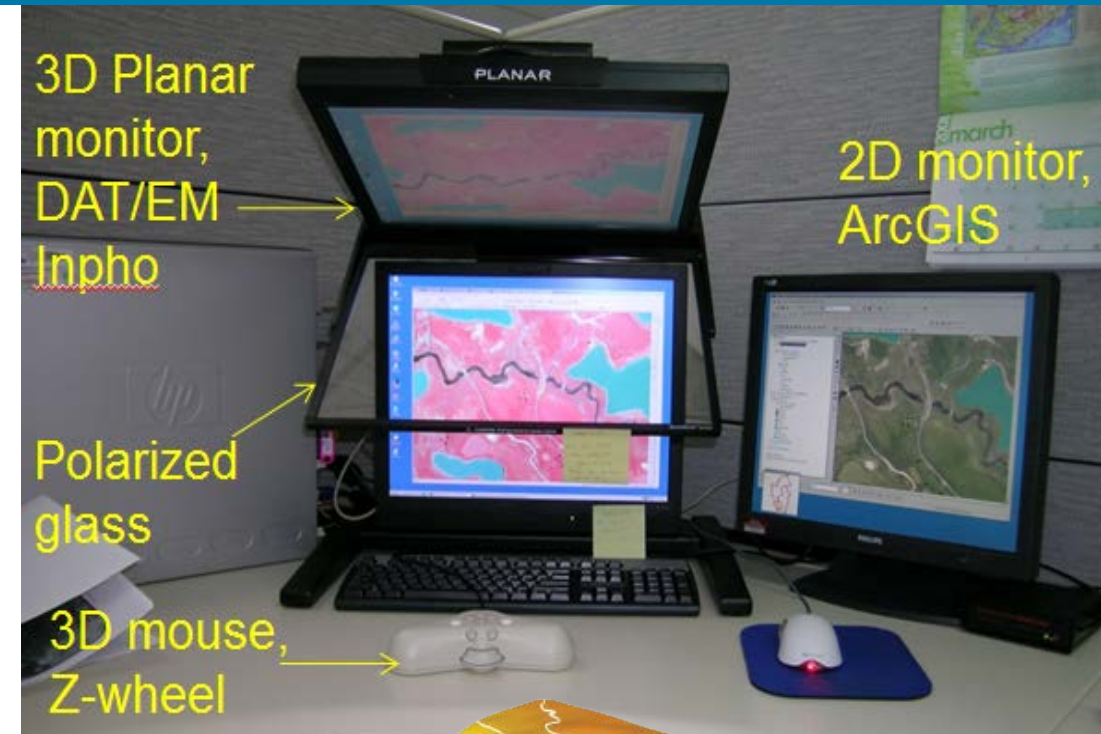
- Seven dams and reservoirs are actively managed to reduce flood damages and maintain flows



Understanding and Responding

Protect life and minimize property damage

- Deliver value and innovation
- Improved flood forecasting and warning



Understanding and Responding

Protect life and minimize property damage



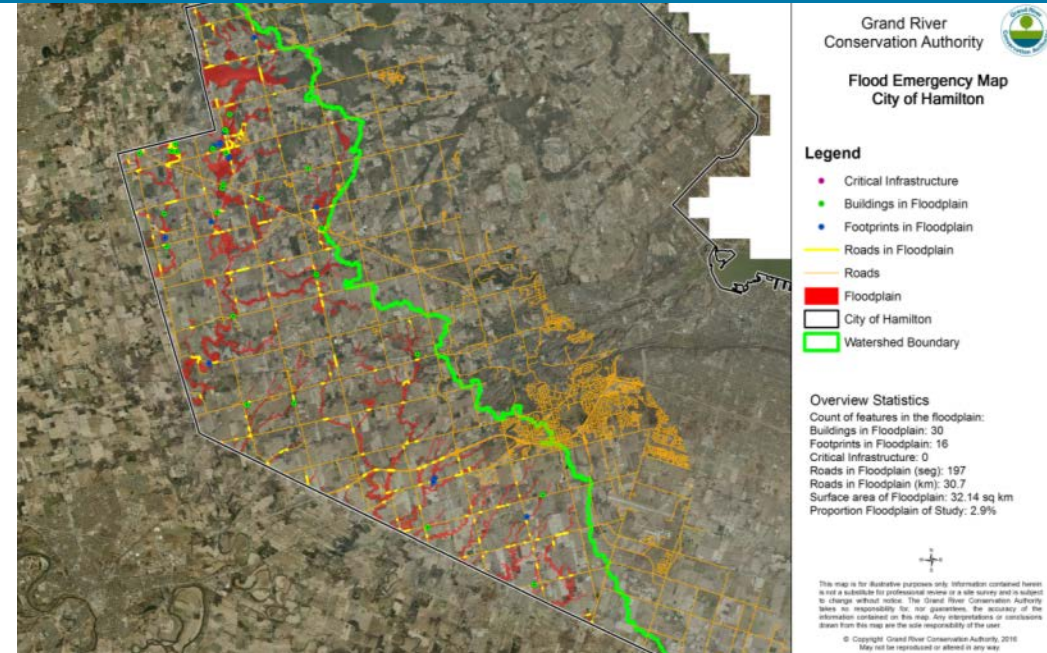
- Improved monitoring and preparedness
- Adapting to climate change



Understanding and Responding

Protect life and minimize property damage

- Working with senior levels of government to find innovative ways to **improve floodplain mapping**
- Ability to **regulate hazard areas** and prevent building in wetlands

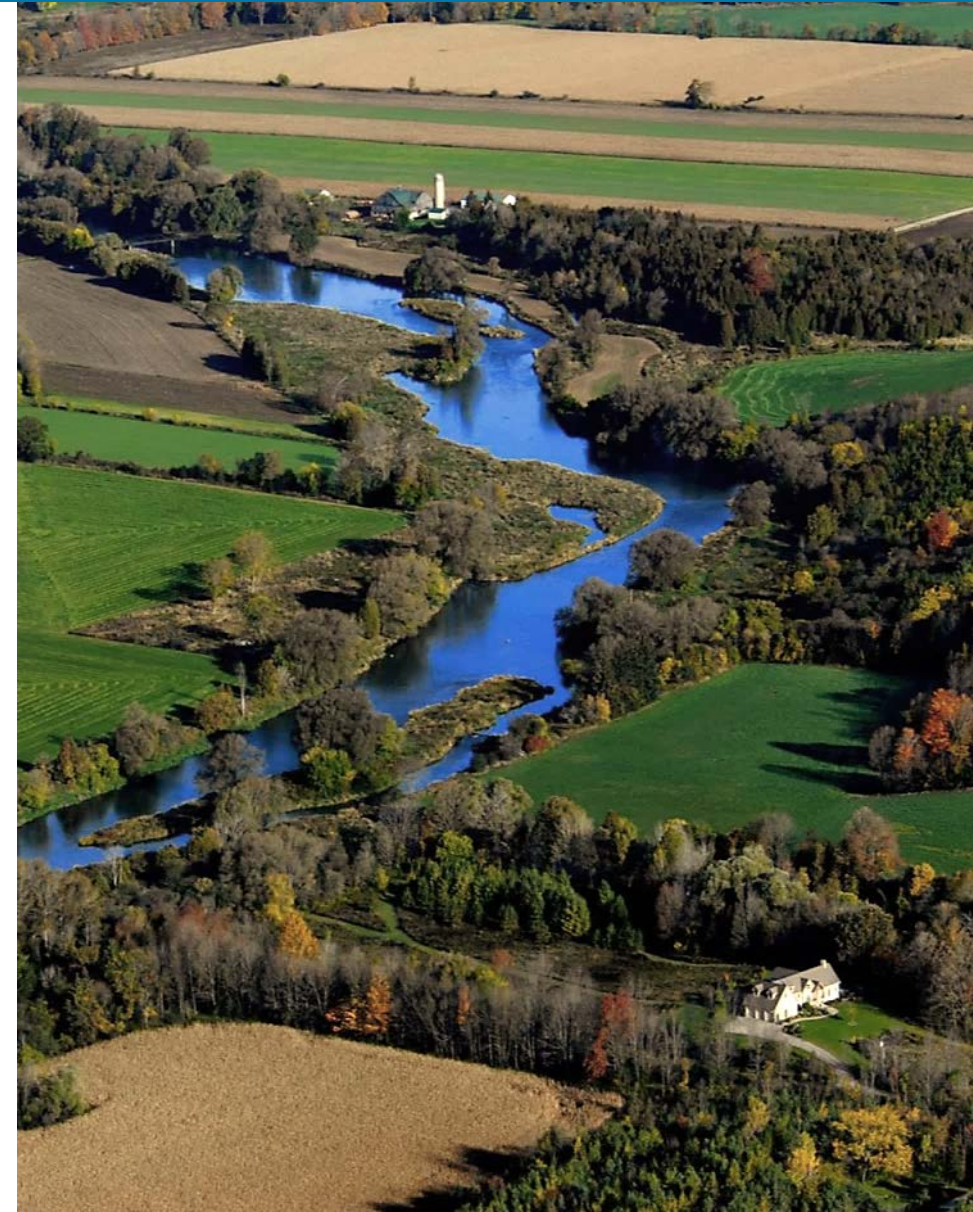


Understanding and Responding

**Protect life/property &
Improve watershed health**

Planning and Development

- Through a Memorandum of Agreement with the City, GRCA provides technical advice on Planning Act applications



Understanding and Responding

Improve watershed health

- Update to **Grand River Source Protection Plan** in progress
- Plan update includes new well FDL-03 and updated wellhead protection areas for the community of Lynden

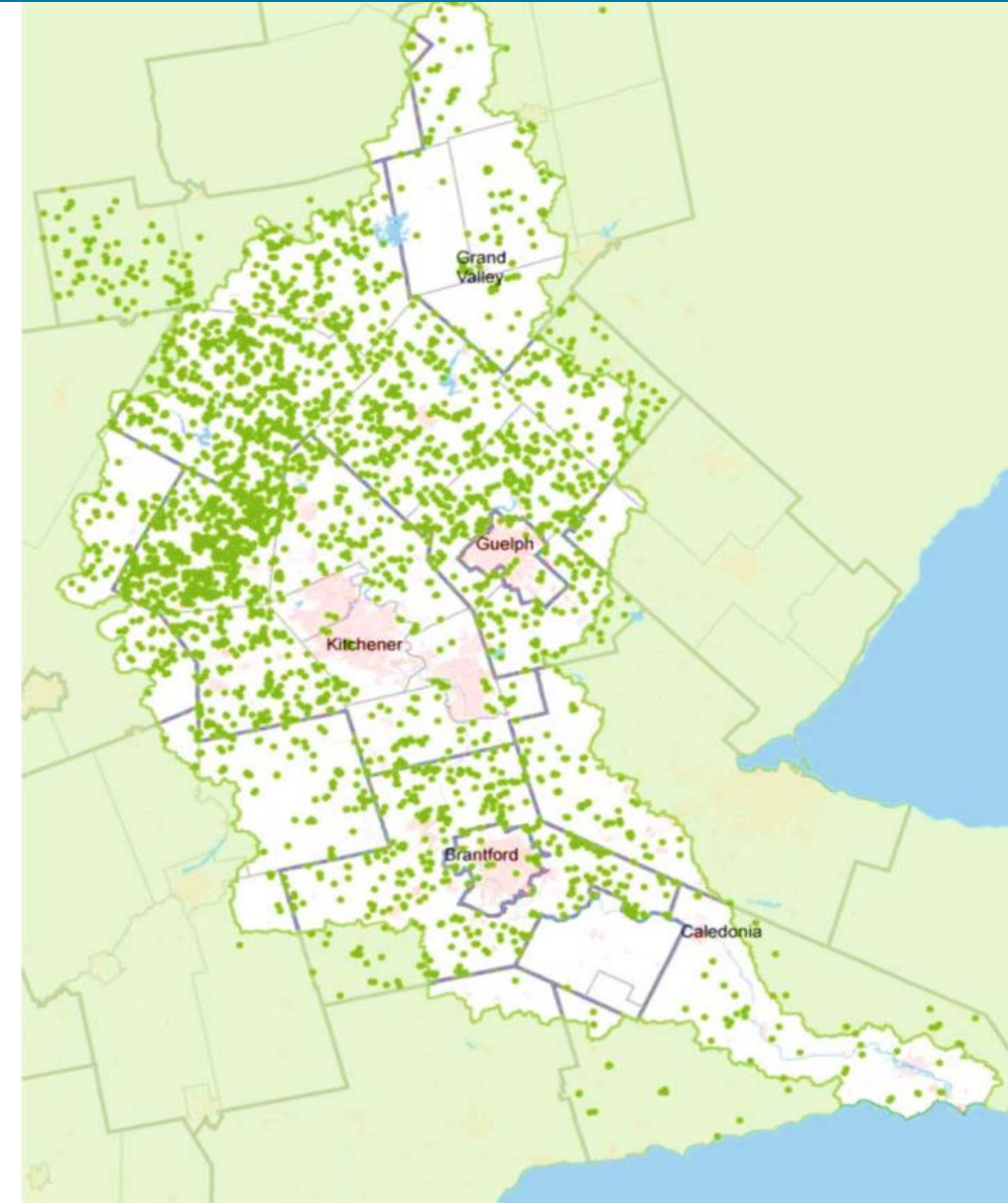


Understanding and Responding

Improve watershed health

Rural Water Quality Program (RWQP) Watershed-wide success since 1998:

- More than 6,000 projects completed

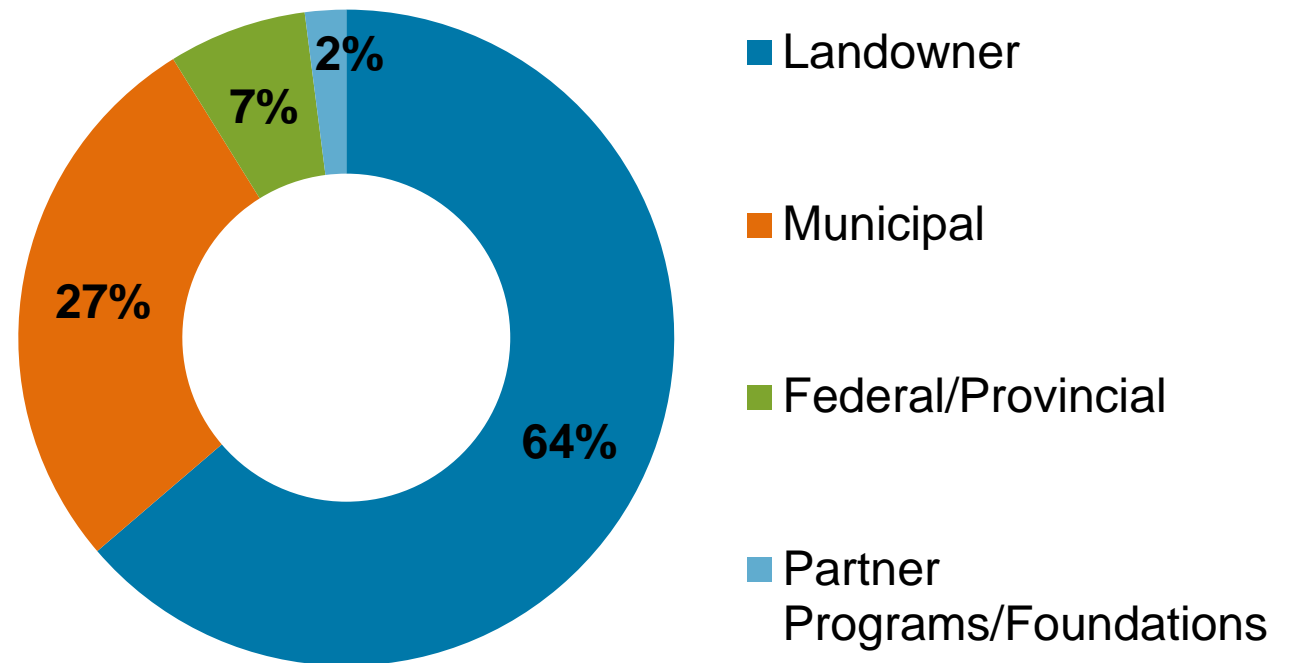


Understanding and Responding

Improve watershed health

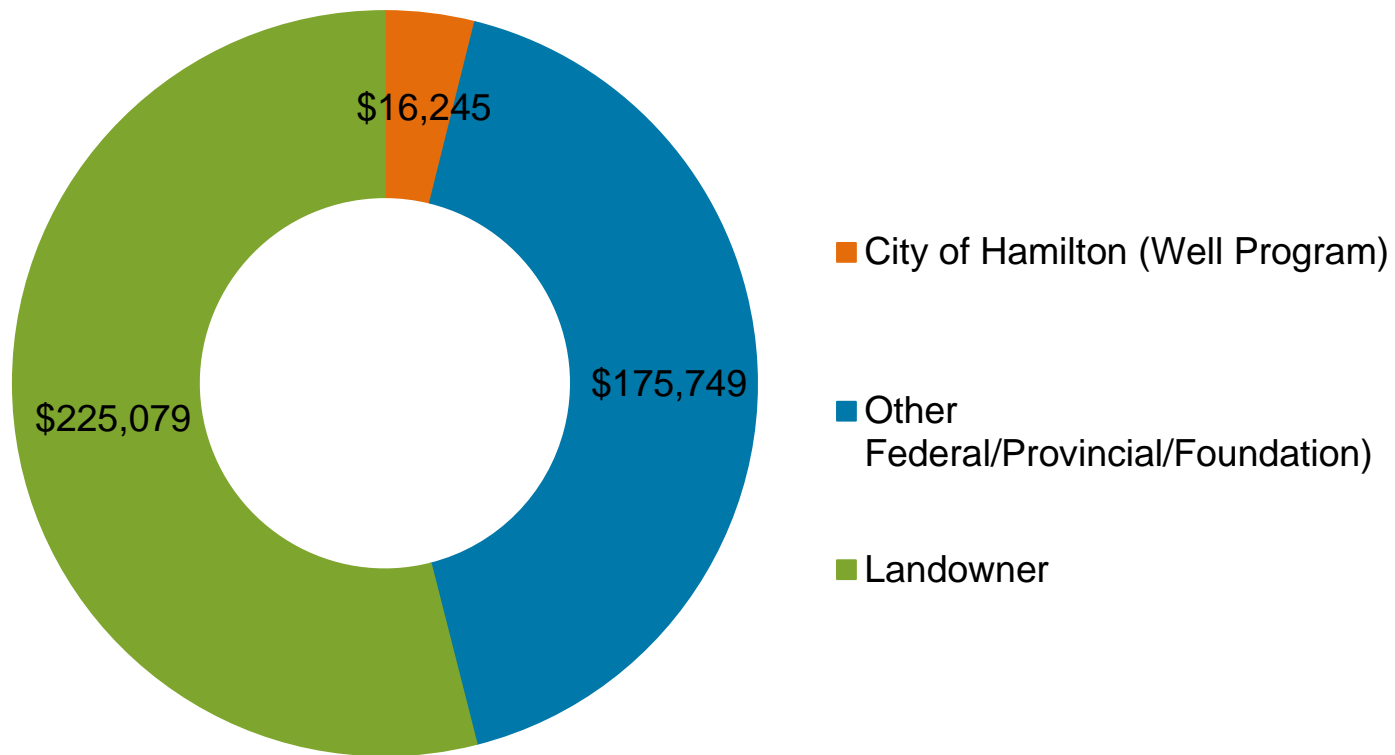
- More than \$18.3 million in grants
- More than \$50 million invested

RWQP Investment by Funding Source 1998 - 2017



Understanding and Responding

Improve watershed health



RWQP in Hamilton since 2002:

- 118 completed projects
- \$191,994 in grants
- Landowner contribution \$225,079
- Total investment in water quality \$417,073

Understanding and Responding



Improve watershed health

Hamilton RWQP Project Highlights since 2002:

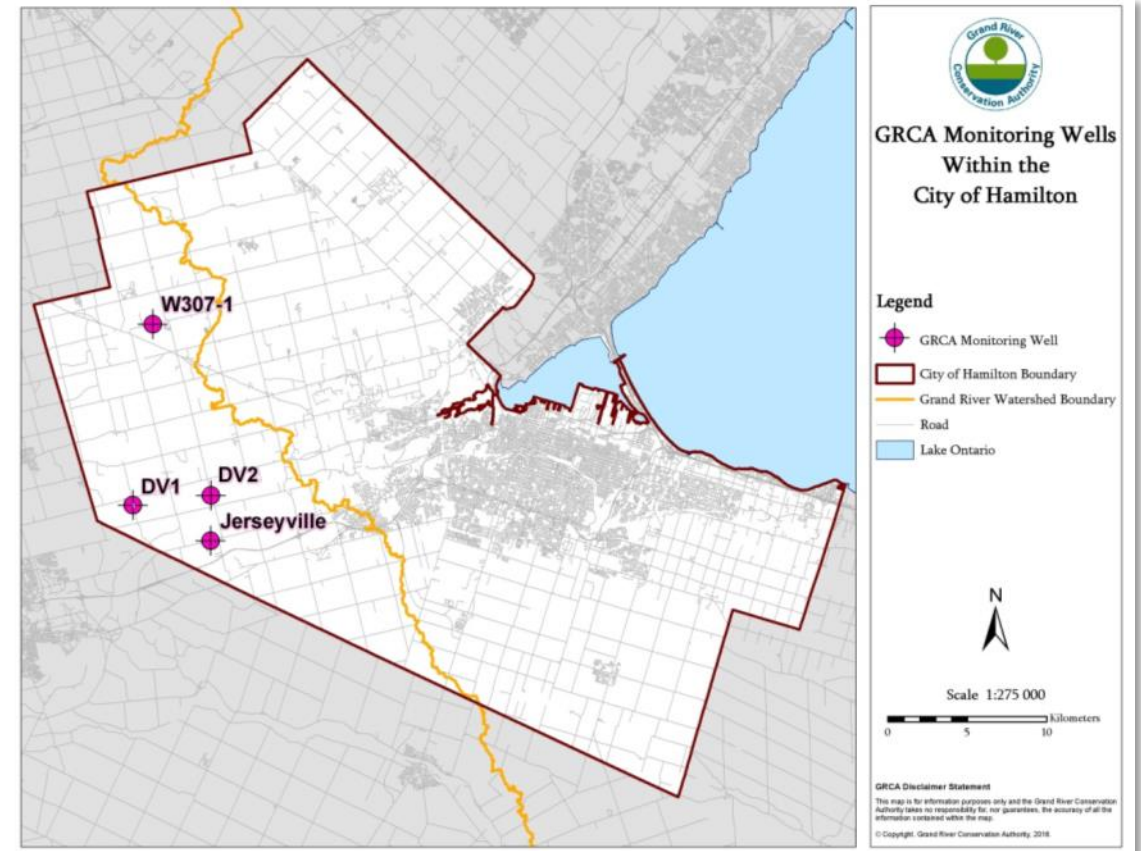
- 6 Erosion Control structures built
- 11 fencing projects to restrict livestock from 4 km of watercourse
- 50 hectares of fragile agricultural land retired and planted to trees
- 18 wells decommissioned

Understanding and Responding

Improve watershed health

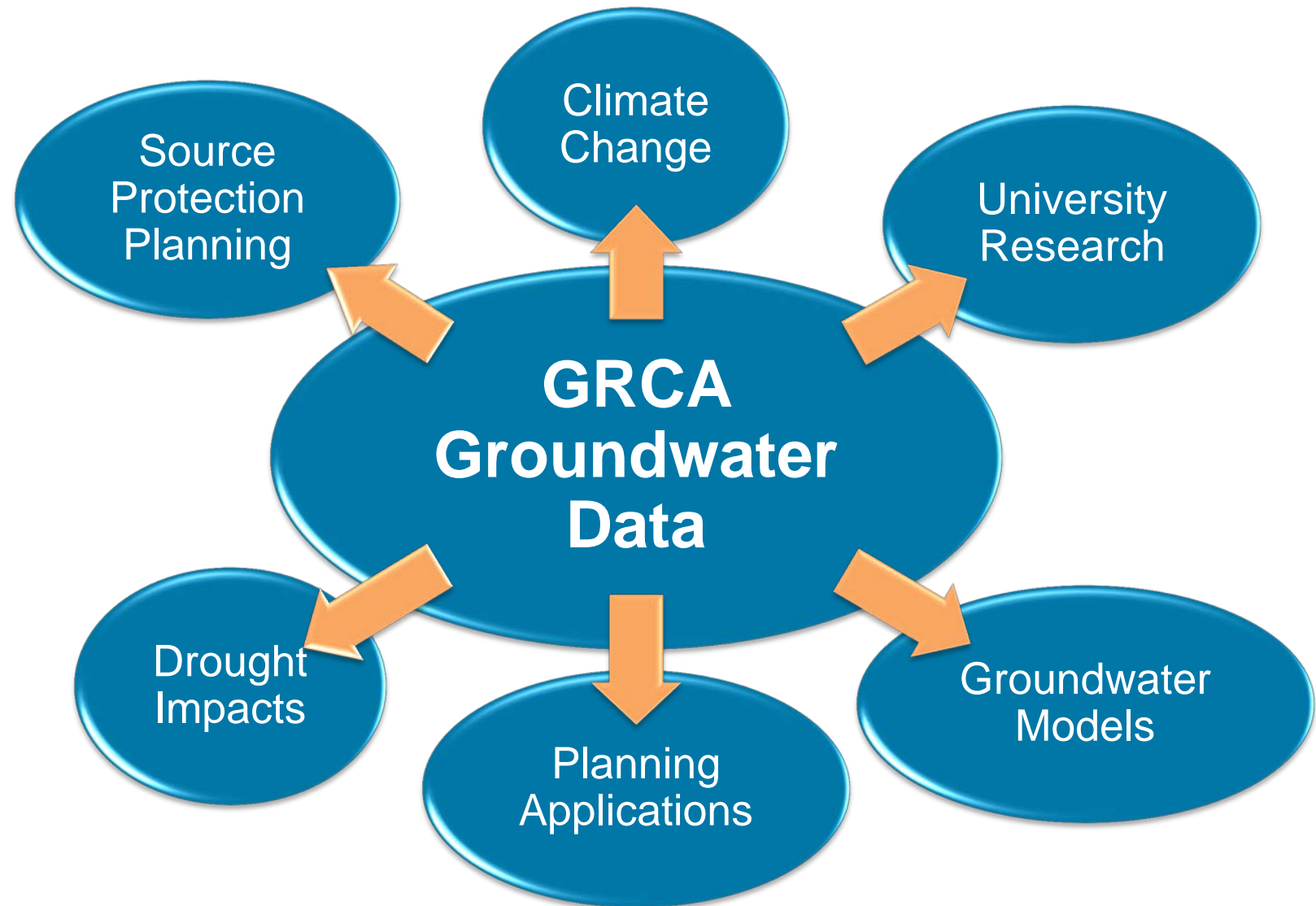
Groundwater Monitoring

- 57 long-term monitoring wells across the watershed
- 4 located in the City of Hamilton
- Wells are equipped to measure hourly groundwater levels, temperature and are sampled annually for chemistry analysis



Understanding and Responding

Improve
watershed
health

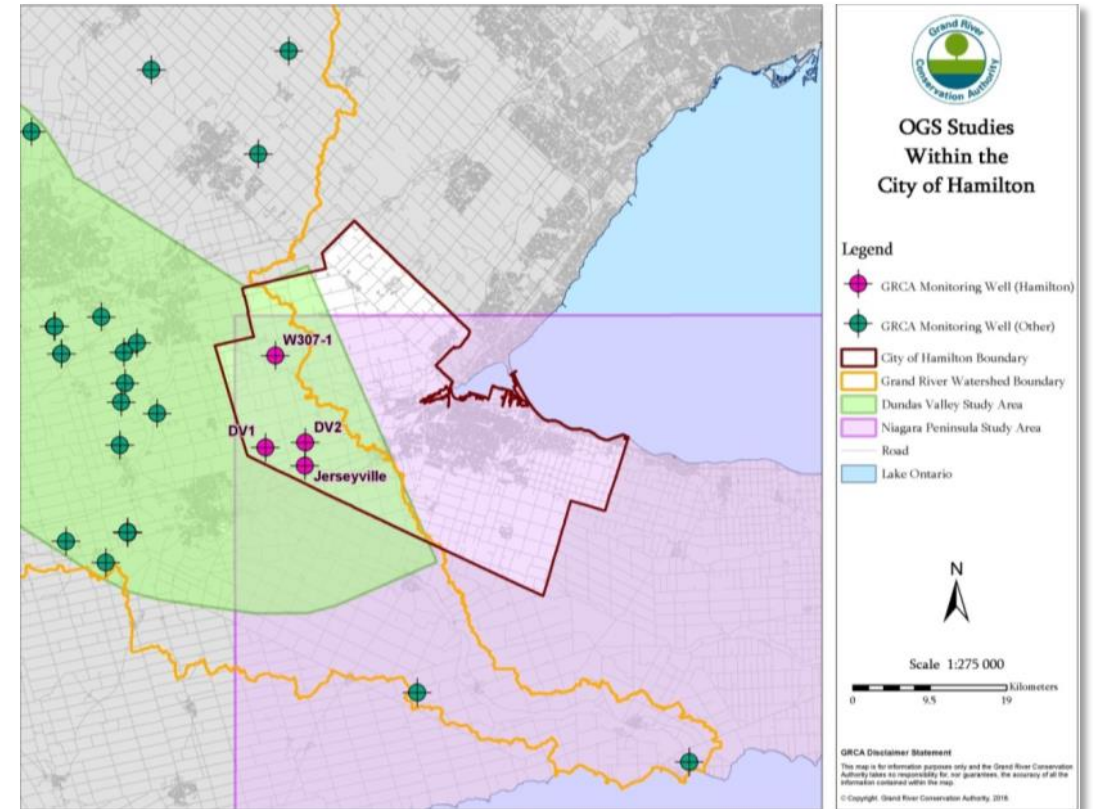


Understanding and Responding

Improve watershed health

Ontario Geological Survey

- High quality geological mapping/models across Ontario
- Over \$1 million invested in geological mapping in Hamilton
- Dundas Valley project (2012) to map buried Dundas Valley feature
- Niagara Region mapping project (current)



Understanding and Responding

Outdoor Education

- More than 40,000 students participate in GRCA outdoor education programs annually
- More than 1,400 day campers in the summer of 2018
- Programming provided for more than 10,000 children and families through various community programs



**Connect people
with the
environment**

Understanding and Responding



Connect people with the environment

GRCA Conservation Areas

- Weather dependent
- Revenue forecasts are prone to significant fluctuations
- Balancing revenue and visitor needs with conserving natural resources

Understanding and Responding



Connect people with the environment & Responsible land management

Natural Areas

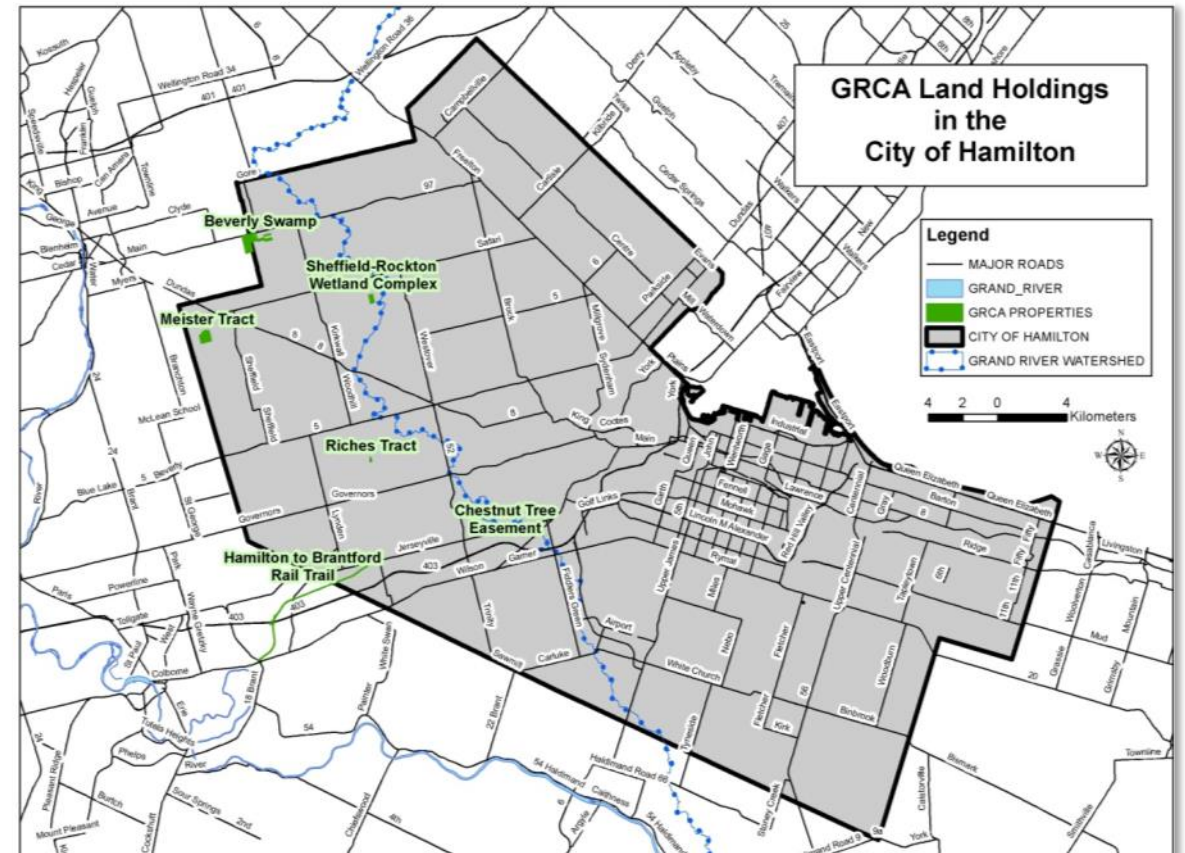
- Increasing management and cost pressures due to population growth and changing demographics

Understanding and Responding

GRCA Landholdings

- More than 48,000 acres of recreational and natural land
- Current initiatives include wind-down of residential tenancy program, evaluation of other program areas and hazard tree management

Responsible & sustainable land management



2019 Draft Budget

Timetable

September 28, 2018	→ Draft #1 to General Meeting
January 21, 2019	→ Municipalities advised of Meeting Date for Budget
January 25, 2019	→ Draft #2 to General Meeting
February 22, 2019	→ Board Approval, 2019 Budget & Levy (AGM)

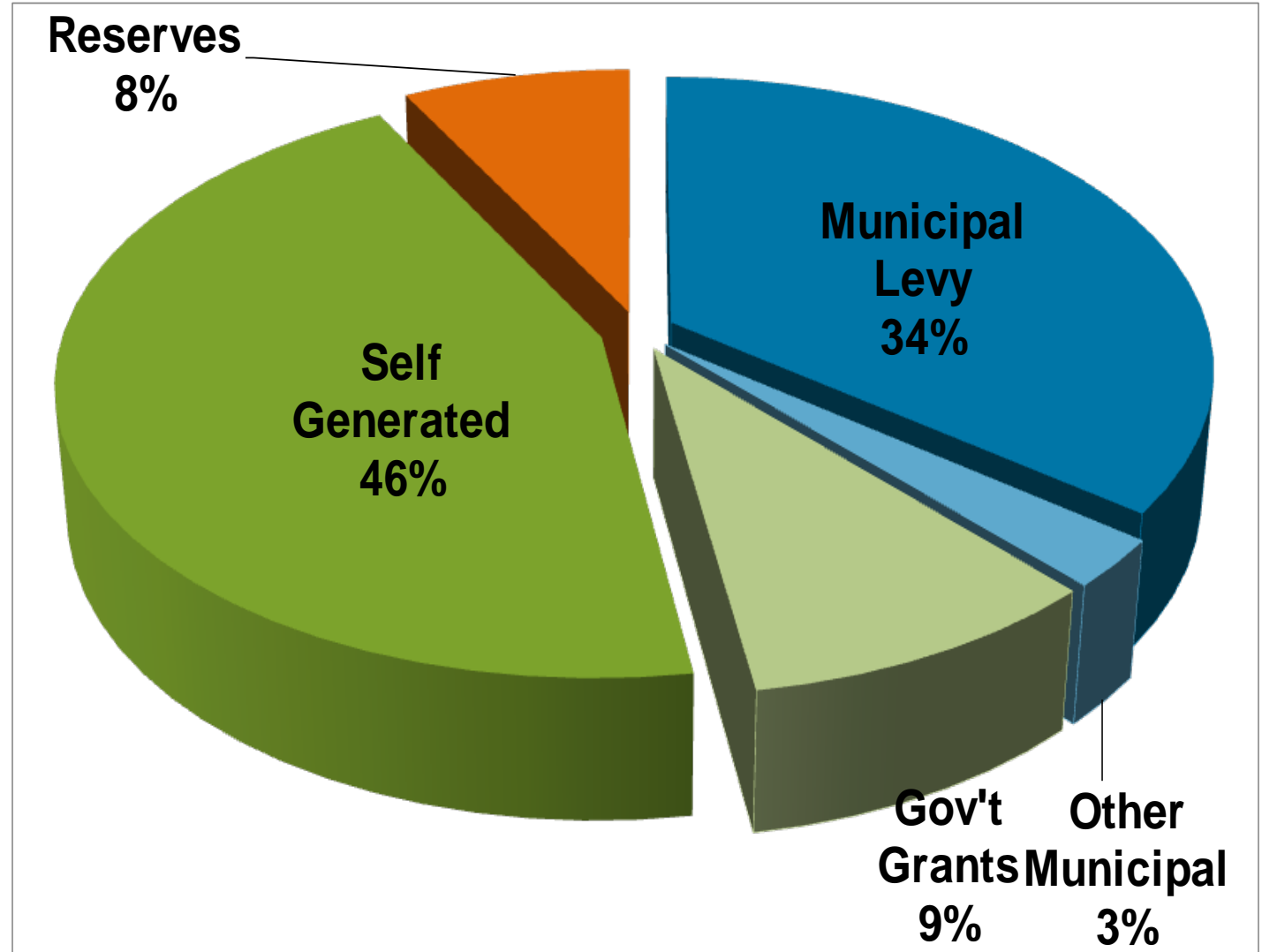
(Presentations to municipal councils between December 2018 and February 2019 as required)

2019 Draft Budget

Revenue by Category

2019 Budget: \$34 million

(2018: \$34.4 million)



2019 Draft Budget

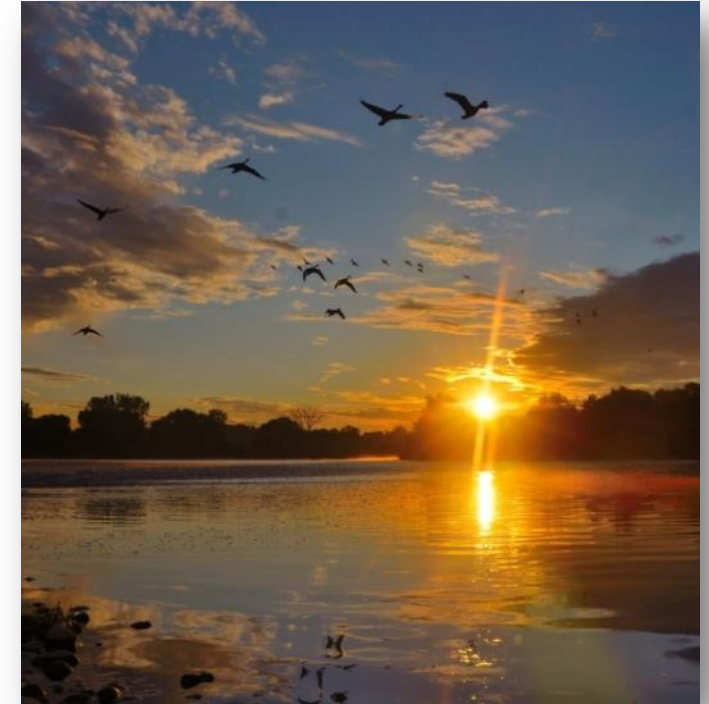
Revenue

General Municipal Levy:

- Increasing by 2.5% to \$11,636,000 in 2019
- Operating Levy increasing 2.8% or \$284,000
- Capital Levy held constant at \$1,050,000

Special Projects:

- Expenses are offset 100% by special funding sources
- Do not use general municipal levy to fund these projects

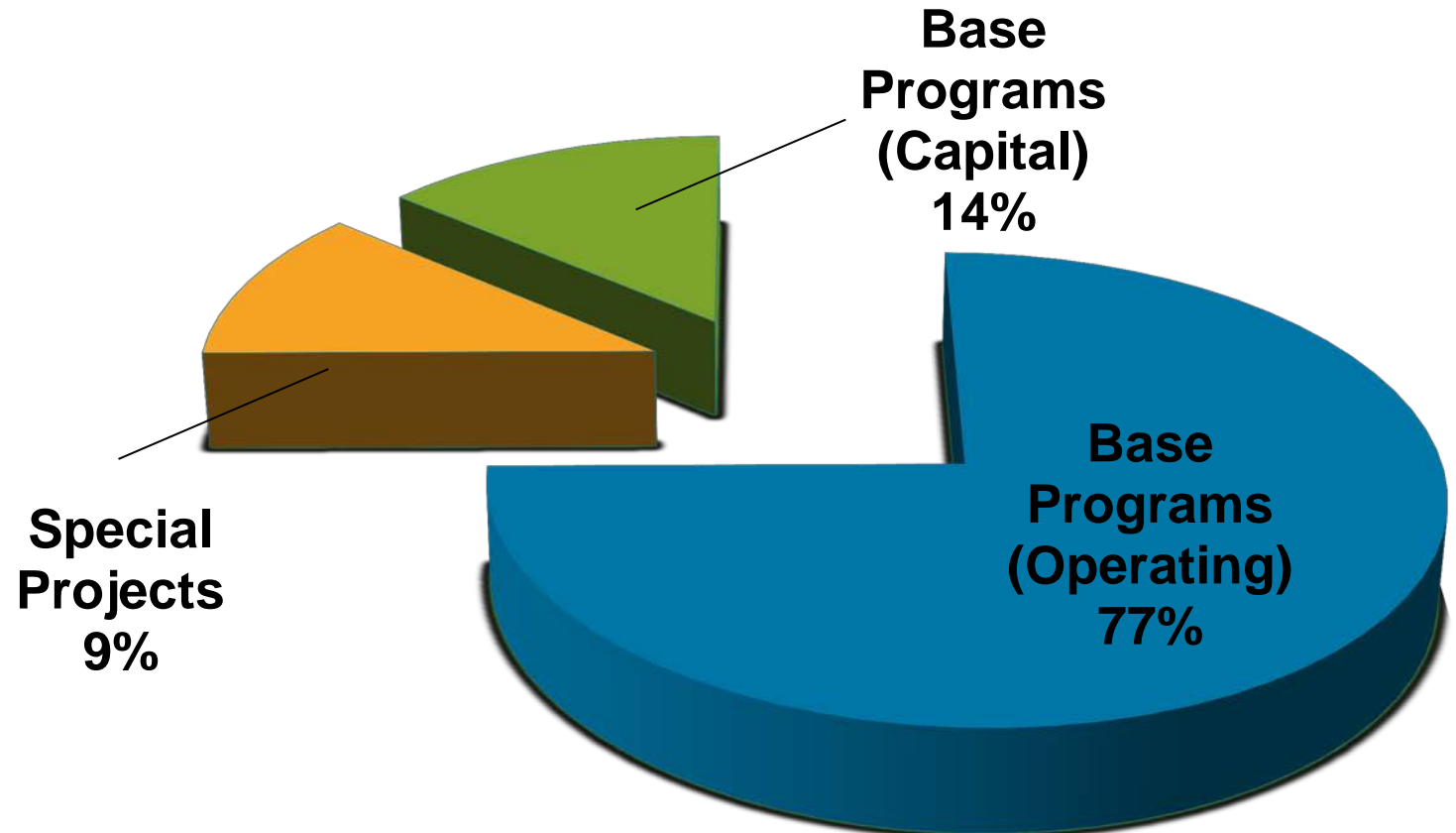


2019 Draft Budget

Expenditures by Category

2019 Budget: \$34 million

(2018: \$34.4 million)



2019 Draft Budget

Expenditures

Operating Budget (\$26.2 Million)

- Watershed Management (dams, flood forecasting, planning, lands)
- Conservation Areas
- Corporate Services and Communication



2019 Draft Budget

Expenditures

Capital Budget (\$4.6 Million)

- Water Control Structures
- Conservation Areas



Photo: GRCA /B. LaSalle

2019 Draft Budget

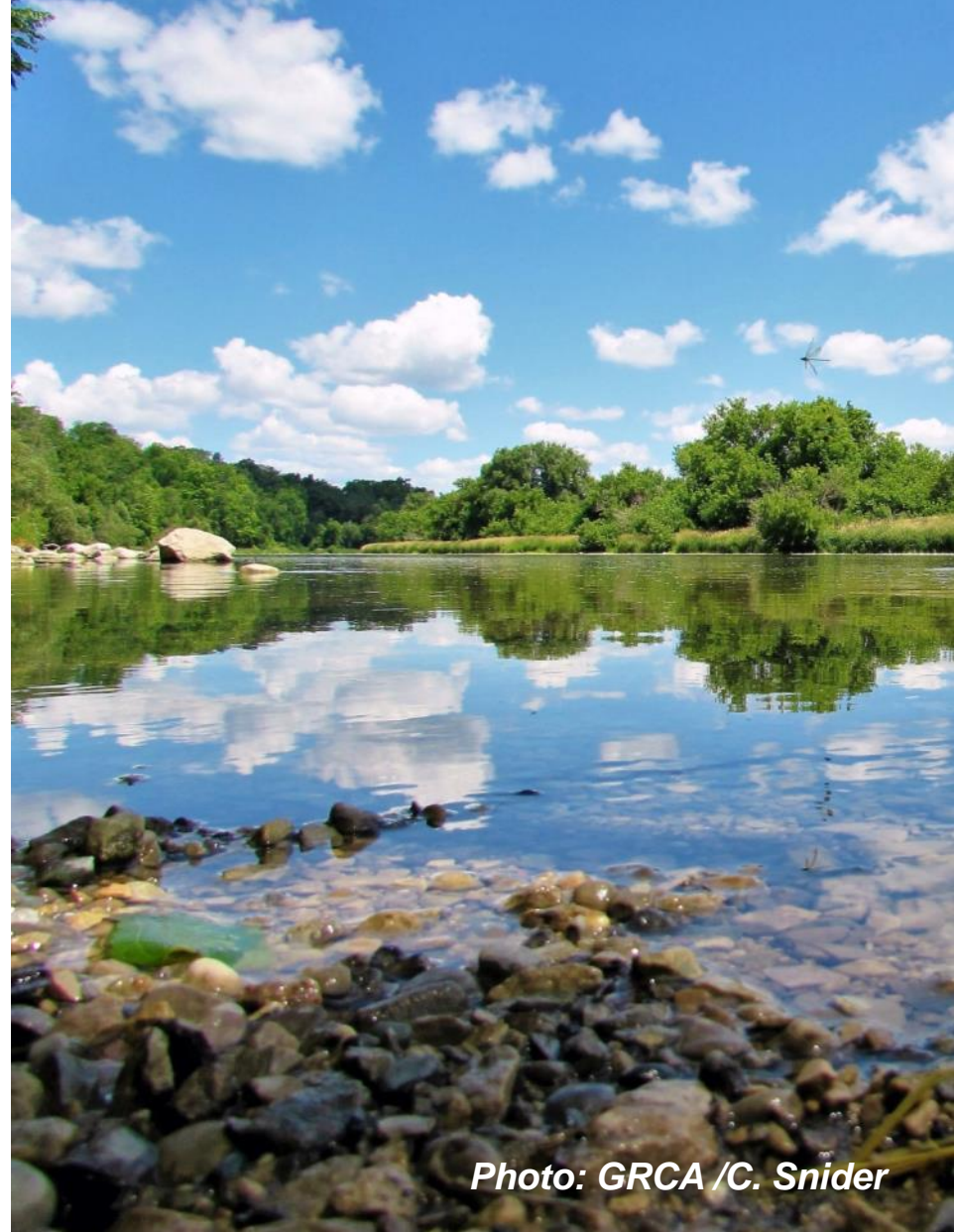
2019 Proposed Capital Projects:

Water Management Capital (\$1.5 million)

- Maintenance and repairs to dikes and dams

Conservation Areas (\$2.6 million)

- Elora Gorge Campground Expansion (50 fully serviced sites)
- Elora Gorge Bridge Repairs



2019 Draft Budget

Expenditures

Special Projects (\$3.2 Million)

- Rural Water Quality Program
- Source Protection Program
- Emerald Ash Borer
- Children's Water Festivals
- Floodplain Mapping
- Water Management Plan
- Mill Creek Rangers



2019 Draft Budget

Grand River Conservation Authority Summary of Municipal Levy - 2019 Budget

DRAFT-October 26, 2018

	% CVA in	2018 CVA	CVA-Based	2018 Budget	2019 Budget	2019 Budget	2019 Budget	Actual		
	Watershed	(Modified)	CVA in Watershed	Apportionment	Matching Maintenance Levy	Admin & Non Matching Maintenance Levy	Capital Levy	Total Levy	2018 Levy	% Change
Brant County	82.9%	5,955,826,066	4,937,379,809	2.75%	23,970	267,336	28,894	320,200	326,904	-2.1%
Brantford C	100.0%	13,253,620,186	13,253,620,186	7.39%	64,343	717,622	77,561	859,526	820,175	4.8%
Amaranth Twp	82.0%	692,356,801	567,732,577	0.32%	2,756	30,740	3,322	36,818	35,971	2.4%
East Garafraxa Twp	80.0%	533,804,174	427,043,339	0.24%	2,073	23,122	2,499	27,694	26,838	3.2%
Town of Grand Valley	100.0%	429,279,822	429,279,822	0.24%	2,084	23,244	2,512	27,840	26,727	4.2%
Melancthon Twp	56.0%	507,262,719	284,067,123	0.16%	1,379	15,381	1,662	18,422	18,160	1.4%
Southgate Twp	6.0%	883,428,392	53,005,703	0.03%	257	2,870	310	3,437	3,294	4.3%
Haldimand County	41.0%	6,276,148,294	2,573,220,801	1.43%	12,492	139,328	15,059	166,879	162,607	2.6%
Norfolk County	5.0%	8,618,652,073	430,932,604	0.24%	2,092	23,333	2,522	27,947	27,566	1.4%
Halton Region	10.4%	39,536,197,403	4,121,457,995	2.30%	20,009	223,158	24,119	267,286	253,594	5.4%
Hamilton City	26.7%	82,190,675,574	21,986,005,716	12.25%	106,736	1,190,440	128,664	1,425,840	1,389,640	2.6%
Oxford County	37.3%	3,842,021,887	1,432,116,305	0.80%	6,953	77,542	8,381	92,876	90,099	3.1%
North Perth T	2.0%	1,911,183,097	38,223,662	0.02%	186	2,070	224	2,480	2,385	4.0%
Perth East Twp	40.0%	1,744,223,194	697,689,278	0.39%	3,387	37,777	4,083	45,247	43,127	4.9%
Waterloo Region	100.0%	91,711,011,599	91,711,011,599	51.11%	445,232	4,965,722	536,699	5,947,653	5,816,764	2.3%
Centre Wellington Twp	100.0%	4,490,977,731	4,490,977,731	2.50%	21,802	243,166	26,282	291,250	285,969	1.8%
Erin T	49.0%	2,319,917,492	1,136,759,571	0.63%	5,519	61,550	6,652	73,721	73,360	0.5%
Guelph C	100.0%	24,316,625,767	24,316,625,767	13.55%	118,051	1,316,632	142,303	1,576,986	1,537,580	2.6%
Guelph Eramosa Twp	100.0%	2,527,154,919	2,527,154,919	1.41%	12,269	136,834	14,789	163,892	159,913	2.5%
Mapleton Twp	95.0%	1,526,746,159	1,450,407,901	0.81%	7,041	78,533	8,488	94,062	90,132	4.4%
Wellington North Twp	51.0%	1,516,305,544	773,315,828	0.43%	3,754	41,871	4,526	50,151	49,212	1.9%
Puslinch Twp	75.0%	2,380,647,827	1,785,485,870	1.00%	8,668	96,676	10,449	115,793	111,983	3.4%
Total		297,164,066,719	179,423,514,108	100.00%	871.053	9,714,947	1,050,000	11,636,000	11,352,000	2.5%

Levy Apportionment in 2018

Mining and Lands Commissioner Decision, Dec. 21, 2017:

Background

- 26.75% of the geographic area of Hamilton is in the Grand River Watershed
 - Hamilton would pay approximately 12.2% of GRCA's levy
- 5% of the assessment of Hamilton is in the Grand River Watershed
 - Hamilton would pay approximately 2.4% of GRCA's levy

2001/2004 Agreement

- City, GRCA, NPCA, Conservation Hamilton and Conservation Halton agreed to use estimated assessment instead of geographic area
- Formalized by Resolution of the City and its four Conservation Authorities
- Agreement was abandoned by NPCA in 2015. City of Hamilton appealed.

December 21, 2017 Ruling

- The agreement is invalid because:
 - There was no written agreement, and,
 - Resolutions of support were not passed by all other participating municipalities
- Conservation Authorities must use the CVA formula outlined in Regulation 670/00
- GRCA has requested MNRF clarify and update regulations asap

Levy Apportionment in 2019

March 8, 2018:

- City of Hamilton files a “Notice of Appeal of GRCA 2018 Levy Apportionment”

February 2019:

- Hearing date to consider Hamilton’s application for a judicial review of the Mining and Lands Commissioner December 2017 ruling.
- If successful, the next step will be for the judicial review to proceed.

2019 Levy Apportionment

(based on Mining and Lands December 21, 2017 Ruling)

\$1,425,840

Difference

(potential adjustment if Judicial review rules in favour of City of Hamilton and appeal successful)

\$1,100,000 levy decrease (approximate)

Questions?



Photo: GRCA / T. Osborne