



CHART A
Programs & Services Inventory: Category, Description, Rationale for Category
 January 26, 2024

	Programs & Services Inventory	Category 1-Mandatory 2-Municipal P&S 3-Other	Applicable Section of the Act	Description	Category 1 Programs & Services-Applicable Section under Regulation 686/21 'Mandatory Programs and Services'
1	Watershed Management	1	<p>21.1 (1) para 1. (i): P&S related to risk of natural hazards</p> <p>21.1 (1) para 1. (iii): P&S related to duties as a source protection authority under the Clean Water Act.</p> <p>21.1 (1) para 1. (2): Other P&S prescribed by regulations.</p>	<p>Operate monitoring stations. Complete field sampling in support of the Provincial Water Quality Monitoring Network.</p> <p>Maintain Provincial Groundwater Monitoring Network (PGWN).</p> <p>Maintain water budget to support sustainable water use in the watershed.</p> <p>Operate a drought response program. Provide advice on water use permits to province. Report on emerging climate change impacts. NEW - Prepare Watershed-based Resource Management Strategy by Dec 31, 2024</p>	<p>Section 3 - Drought or low water response.</p> <p>Section 5 (2) (1) - Develop Operational Plan</p> <p>Section 5 (2) (2) - Develop Asset Management Plan</p> <p>Section 5 (4)</p> <p>Update operational or asset management plans</p> <p>Section 12 (1) 1. - Groundwater Monitoring Section 12 (1) 2. - Stream Monitoring</p> <p>Section 12 (1) 3. - Watershed-based Management Strategy</p> <p>Section 13 - Source Protection Authority under Clean Water Act</p>
2	Flood Forecasting & Warning (FFW) and Floodplain Mapping	1	<p>21.1 (1) para 1. (i): P&S related to risk of natural hazards</p> <p>21.1 (1) para 1. (iv): Services provided related to duties and functions under the Act.</p> <p>21.1 (1) para 2.: Other P&S not included in para 1.</p>	<p>Maintain computerized (Flood Forecasting and Warning) FFW system.</p> <p>Operate 24 hour on call/duty officer system to respond to flooding events.</p> <p>Maintain Communications and Emergency Response systems.</p> <p>Collect and maintain data from dams, streamflow gauges, rainfall gauges, and snow courses. Issue flood warnings</p> <p>Operate reservoirs to reduce flooding. Update and maintain flood line mapping. Develop natural hazards mapping.</p>	<p>Section 2-Flood forecasting and warning</p> <p>Section 12 (1)2, 12(1)3, 12(1)4</p> <p>Section 1 (3) (1) (i) Collect information and map areas of natural hazards</p>
3	Water Control Structures Flood Control, Small Dams & Ice Management	1	<p>21.1 (1) para 1. (i): P&S related to risk of natural hazards - Flood Control Structures & Ice Management</p> <p>21.1 (1) para 1. (ii): P&S related to management of lands owned by Authority-Small Dams</p>	<p>Flood Control Structures Operate and maintain 7 major flood control structures, 5 major dike systems. Perform dam safety reviews, inspections, monitoring, and capital maintenance and upgrade projects. Develop and implement public safety plans for structures.</p> <p>Small Dams Operate and maintain 22 small dams and surrounding lands.</p> <p>Ice Management Perform Ice Management Activities and respond to flooding from ice jams by issuing flood warnings and providing support to municipal emergency management personal</p> <p>NEW-Develop and Implement Operational Plan Natural Hazard Infrastructure by Dec 31, 2024 NEW-Develop Asset Management Plan Natural Hazard Infrastructure by Dec 31, 2024 NEW-Develop Ice Management Plan by Dec 31, 2024</p>	<p>Section 1 (1) (3)-Risk of flooding hazard</p> <p>Section 5 (1) (1)-Water control infrastructure</p> <p>Section 5 (1) (2)-Erosion control infrastructure</p> <p>Section 9 (2) (i), (ii), (iv)-Conservation lands-required component</p> <p>Section 4 - Ice management</p>

	Programs & Services Inventory	Category 1-Mandatory 2-Municipal P&S 3-Other	Applicable Section of the Act	Description	Category 1 Programs & Services-Applicable Section under Regulation 686/21 'Mandatory Programs and Services'
4	Resource Planning-Plan Input and Review, Permitting and Solicitor Enquiries	1	21.1 (1) para 1. (i): P&S related to risk of natural hazards	Process permits related to development, alteration or other activities in regulated areas. Review official plans, secondary and community plans, zoning bylaws, development applications and other proposals (i.e. environmental assessments) Enforce applicable regulations. Develop and maintain policies and guidelines to manage natural hazards. Provide advisory services to the province and municipalities.	Section 6 - comment on applications, proposals Section 7 - plan review, comments Section 8 - administering and enforcing the act
5	Conservation Lands Management	1	21.1 (1) para 1. (ii): P&S related to conservation and management of lands owned by Authority. 21.1 (1) para 1. (i): P&S related to risk of natural hazards	Maintain passive conservation areas. Maintain property integrity (i.e. encroachments) and security (unauthorized use) Develop and maintain trail networks on GRCA owned land. Manage GRCA wetlands and floodplain lands. Capital and operational support services provided to maintain the built infrastructure on GRCA owned land. Create and maintain Asset Management Plan for built infrastructure on GRCA owned land. Dispose of lands declared surplus and plan for disposition of other surplus lands. Acquire environmentally significant conservation lands (<i>greenspace management</i>). NEW- Prepare a conservation area strategy NEW - Prepare a land inventory by Dec 31, 2024 Operate hazard tree management program on GRCA owned land. Deliver forest management, tree planting, woodlot thinning, selective harvesting, and naturalization projects on GRCA owned land. Maintain the Managed Forest Tax Incentive Program. Invasive Species Management on GRCA owned land. Provide planning services/assistance to enhance, restore, rehabilitate, and protect aquatic and terrestrial ecosystems on GRCA owned lands.	Section 9 (1) (1) prepare a conservation area strategy by Dec 31, 2024. Section 9 (1) (2)Conservation lands-required component-objectives Section 9 (1) (3) prepare land inventory by Dec 31, 2024 Section 1 (1) (4)Risk of hazardous lands Section 9 (2) (iv) Conservation lands-required components
6	Source Protection Planning	1	21.1 (1) para 1. (iii): P&S related to duties as a source protection authority under the Clean Water Act.	Deliver the provincial source protection planning program under the Clean Water Act 2006 for the Lake Erie Source Protection Region made up of four watersheds.	Section 13 - Source Protection Authority under Clean Water Act
7	General Operating Expenses	General Operating Expenses	21.1 (1) para 1. (iv): Services provided related to duties and functions under the Act.	Provide the following administrative services that support mandatory program delivery: Office of the CAO Finance Human Resources/ Health & Safety Payroll Office Services Building Services Administrative expenses incurred: General membership Head office building Office supplies, postage, bank fees	Regulation 402/22 'Budget and Apportionment' Section 1 (definitions) – 'general operating expense'

	Programs & Services Inventory	Category 1-Mandatory 2-Municipal P&S 3-Other	Applicable Section of the Act	Description	Category 1 Programs & Services-Applicable Section under Regulation 686/21 'Mandatory Programs and Services'
7	General Operating Expenses (continued)	General Operating Expenses	21.1 (1) para 1. (iv): Services provided related to duties and functions under the Act	Head office communication system Insurance Audit Fees Consulting, legal, labour relations H&S Equipment, inspections, training Conservation Ontario Fees Corporate Professional Development Unallocated Motor Pool and Information Systems and Technology expenses Uninsured losses, damage to GRCA assets Media Relations Public Relations and awareness building Website management Social media management Community engagement and public consultation Corporate brand management	Regulation 402/22 'Budget and Apportionment' Section 1 (definitions) – 'general operating expense'
8	Watershed Services	2	21.1.1: P&S provided on behalf of a municipality under an MOU	Subwatershed Planning Partner with municipalities to provide input and review for subwatershed and other plans for streams and tributaries, which provide background on surface water, ground water, natural heritage ecosystems and recommend sustainable solutions to urban growth Conservation Services: Coordinate the grant program delivered to private landowners to encourage adoption of agricultural and rural landowner best management practices and projects to improve and protect water quality, soil health and related initiatives. Participate in and deliver community outreach, and agricultural/landowner workshops to promote landowner environmental stewardship action. Water Quality: wastewater optimization, surface water quality monitoring, modelling, analysis and reporting, and groundwater quality analysis and reporting Watershed sciences and collaborative planning: watershed and landscape science, reporting, plans and working groups	Not applicable. See CHART C for information required to be provided under Regulation Section 6 Subsection (5).
9	Burford Tree Nursery and Planting Operations	3	21.1.2: P&S that the authority determines to provide within its area of jurisdiction to further the purpose of this Act.	Provide services to private and public landowners and community groups to engage in tree planting activities. Operate the Burford Tree Nursery.	Not applicable. See CHART D for information required to be provided under Regulation Section 6 Subsection (6).
10	Conservation Services (special projects)	3	21.1.2: P&S that the authority determines to provide within its area of jurisdiction to further the purpose of this Act.	Deliver special projects that study and/or provide awareness and education related to improving and protecting water quality and related initiatives. This may include special events such as water festivals. Develop and deliver GRCA volunteer activities to enable public participation in GRCA environmental activities. The delivery model for this program is under review.	Not applicable. See CHART D for information required to be provided under Regulation Section 6 Subsection (6).

	Programs & Services Inventory	Category 1-Mandatory 2-Municipal P&S 3-Other	Applicable Section of the Act	Description	Category 1 Programs & Services-Applicable Section under Regulation 686/21 'Mandatory Programs and Services'
11	Environmental Education	3	21.1.2: P&S that the authority determines to provide within its area of jurisdiction to further the purpose of this Act.	Deliver outdoor education sessions: school classes day-camp program community groups private groups Operate six outdoor education centres-Apps, Laurel Creek, Shades Mills, Guelph, Taquanyah, Rockwood.	Not applicable. See CHART D for information required to be provided under Regulation Section 6 Subsection (6).
12	Property Rentals	3	21.1.2: P&S that the authority determines to provide within its area of jurisdiction to further the purpose of this Act.	Rent 733 cottage lots at Belwood Lake and Conestogo Lake. Lease agricultural lands. Lease 8 residential units. Over 50 miscellaneous commercial agreements for use of GRCA lands.	Not applicable. See CHART D for information required to be provided under Regulation Section 6 Subsection (6).
13	Hydro Production	3	21.1.2: P&S that the authority determines to provide within its area of jurisdiction to further the purpose of this Act.	Generate hydro revenue from turbines at four dams (Shand, Connestogo, Guelph and Drimmie).	Not applicable. See CHART D for information required to be provided under Regulation Section 6 Subsection (6).
14	Conservation Areas	3	21.1.2: P&S that the authority determines to provide within its area of jurisdiction to further the purpose of this Act.	Operate 11 active Conservation Areas (8 camping and 3 day-use only). Operate Luther Conservation Area Offer hunting on some GRCA Lands	Not applicable. See CHART D for information required to be provided under Regulation Section 6 Subsection (6).
15	Administrative Support	3	21.1.2: P&S that the authority determines to provide within its area of jurisdiction to further the purpose of this Act.	Allocate administrative services and expenses that are incremental to delivering non-mandatory programs: Finance Office supplies, postage, bank fees Head office communication system Insurance Audit Fees Consulting, legal, labour relations H&S Equipment, inspections, training Conservation Ontario Fees Corporate Professional Development Media Relations Public Relations and awareness building Website management Social media management General	Not applicable. See CHART D for information required to be provided under Regulation Section 6 Subsection (6).



CHART B
Programs & Services Inventory: Cost & Funding Sources (Note 1)
 January 26, 2024

Ref #	P&S Inventory Name	Category	TOTAL EXPENSES (Source: draft 2024 Budget)	TOTAL EXPENSES (Source: draft 2023 Budget)	Annual EXPENSES Five Year Average 2017-2021	Municipal Levy	Municipal MOUs/ Agreements	Provincial/ Federal / Other Municipal	Self- Generated- Program Revenue	Self- Generated- Other Revenue (Note 2)	Reserves	Comment
1	Watershed Management	1	\$1,416,100	\$1,386,000	\$1,684,000	92%			3%		5%	
2	Flood Forecasting & Warning (FFW) and Floodplain Mapping	1	\$1,101,000	\$1,085,000	\$1,438,000	83%		15%			2%	Provincial Section 39 Funding
3	Water Control Structures-Flood Control, Small Dams, Ice Management	1	\$3,696,800	\$3,643,200	\$3,413,000	72%		27%			1%	Provincial Section 39 Funding and WECl Funding
4	Resource Planning-Plan Input and Review, Permitting and Solicitor Enquiries	1	\$2,609,600	\$2,591,800	\$1,925,000	58%		2%	40%			Permit, Plan Review & Solicitor Enquiry Fee Revenue Federal-Species at Risk
5	Conservation Lands Management	1	\$2,871,900	\$3,144,600	\$3,452,000	92%			1%		7%	Timber Revenue
6	Source Protection Planning	1	\$640,000	\$640,000	\$1,058,000			100%				Provincial Funding
7	General Operating Expenses	General Operating Expenses	\$4,449,188	\$3,679,788	\$3,611,000	74%			6%	5%	15%	Provincial SPP funding, Interest Income and allocation of Category 3 revenue.
8	Watershed Services	2	\$1,868,000	\$1,843,000	\$1,813,000		54%	46%				Provincial Funding & Other Municipal agreements
9	Burford Tree Nursery and Planting Operations	3	\$892,900	\$867,300	\$777,000				65%	35%		Fee revenue and allocation of Category 3 Fee Revenue
10	Conservation Services (special projects)	3	\$82,200	\$81,200	\$97,000			36%		64%		Provincial Funding and allocation of Category 3 Fee Revenue
11	Environmental Education	3	\$912,000	\$775,100	\$1,072,000				66%		34%	Fee Revenue
12	Property Rentals	3	\$1,109,200	\$1,095,200	\$1,144,000				100%			Fee Revenue
13	Hydro Production	3	\$212,000	\$212,000	\$384,000				100%			Fee Revenue
14	Conservation Areas	3	\$11,432,000	\$11,037,000	\$9,750,000				92%	4%	3%	Fee Revenue
15	Administrative Support	3	\$1,217,400	\$1,198,000	\$966,000					100%		Allocation of Category 3 Fee Revenue

Note 1-Revenue percentages represent estimated revenue distribution of draft 2024 budget expenses under the new regulations.

Note 2-Self generated-Other Revenue represents surplus revenue from category 3 programs (Property Rentals, Hydro Production) and interest income.



CHART C
Programs & Services Inventory: Category 2 - Details of Municipal Agreements
 January 26, 2024

Extract:

Ontario Regulations 687/21 Transition Plans and Agreements for Programs and Services Under Section 21.1.2 of the Act
 Section 6 Subsection 5 requirements

- (5) For each Category 2 program or service listed in the inventory under clause (2) (a), the authority shall include the following information:
1. The name of the municipality on behalf of which the program or service is provided.
 2. The date on which the authority and the municipality entered into a memorandum of understanding or another agreement with respect to the provision of the program or service.

Programs & Services Inventory	Category 1Mandatory 2Municipal P&S 3Other	Applicable Section of the Act	Description	Memorandum of Understanding (MOU)/Agreement Status
Watershed Services	2	21.1.1: P&S provided on behalf of a municipality under an MOU	<p><u>Subwatershed Services</u> Identify and recommend where subwatershed or watershed studies are needed Review and provide input to subwatershed studies or other regionalscale technical studies Undertake subwatershed monitoring to support municipal studies</p> <p><u>Conservation Services</u> Deliver municipal and partnership costshare programs to support private land stewardship action Facilitate private land, municipal and community partner tree planting Coordinate education and outreach activities to promote watershed health</p> <p><u>Water Quality Programs</u> Support optimization of wastewater treatment plant operations through workshops, handson training, technical advice, and recognition awards Provide technical support for municipal assimilative capacity studies and water/wastewater services Surface water quality monitoring, modelling, analysis and reporting, groundwater quality analysis and reporting</p> <p><u>Watershed Sciences & Collaborative Planning</u> Watershed and landscape scale science and reporting Support crossdisciplinary integration and inform municipal watershed planning and water, wastewater, and stormwater master planning through the Grand River Water Management Plan and Water Managers Working Group</p> <p><u>Liaise with provincial, federal agencies, NGOs</u></p>	<p>Entered into Memorandums of Understanding with all participating municipalities effective January 1, 2024 for a period of 5 years.</p> <p>Agreements with the following municipalities for the distribution of costshare grants related to the Rural Water Quality Program and anticipated to be in place by March 2024:</p> <p>County of Wellington Region of Waterloo County of Brant Haldimand County Dufferin County</p>



CHART D
Programs & Services Inventory: Category 3 - Information Requirements
 January 26, 2024

Extract:
 Ontario Regulations 687/21 - Transition Plans and Agreements for Programs and Services Under Section 21.1.2 of the Act
 Section 6 Subsection 6 requirements

For each Category 3 program or service listed in the inventory under clause (2) (a), the authority shall include the following information:

1. Whether or not the program or service was financed, in whole or in part, through municipal levies collected from participating municipalities.
2. Whether or not the authority intends to seek to enter into a cost apportioning agreement with one or more participating municipalities to ensure all or part of the financing of the program or service after the transition date.

Programs & Services Inventory	Category 1-Mandatory 2-Municipal P&S 3-Other	Applicable Section of the Act	Description	Section 6 (6) Info Requirements
Conservation Services (special projects)	3	21.1.2: P&S that the authority determines to provide within its area of jurisdiction to further the purpose of this Act.	Deliver special projects that study and/or provide awareness and education related to improving and protecting water quality and related initiatives. This may include special events such as water festivals. Develop and deliver GRCA volunteer activities to enable public participation in GRCA environmental activities. The delivery model for this program is under review.	This program and service was financed in part through municipal levies prior to 2024. The GRCA is currently funding the program from self-generated revenue and the allocation of surplus from other Category 3 programs. The GRCA did not enter into any cost apportioning agreements with participating municipalities to fund this program.
Burford Tree Nursery and Planting Operations	3	21.1.2: P&S that the authority determines to provide within its area of jurisdiction to further the purpose of this Act.	Provide services to private and public landowners and community groups to engage in tree planting activities. Operate the Burford Tree Nursery.	This program and service was financed in part through municipal levies prior to 2024. The GRCA is currently funding the program from self-generated revenue and the allocation of surplus from other Category 3 programs. The GRCA did not enter into any cost apportioning agreements with participating municipalities to fund this program. <i>Note: Overhead costs related to this program included Administrative Support-Category 3.</i>
Outdoor Environmental Education	3	21.1.2: P&S that the authority determines to provide within its area of jurisdiction to further the purpose of this Act.	Deliver outdoor education sessions: school classes day-camp program community groups private groups Operate six outdoor education centres-Apps, Laurel Creek, Shades Mills, Guelph, Taquanyah, and Rockwood.	This program and service was financed in part through municipal levies prior to 2024. The GRCA is currently funding the program from self-generated revenue and the use of reserves. The GRCA did not enter into any cost apportioning agreements with participating municipalities to fund this program. <i>Note: Overhead costs related to this program included Administrative Support-Category 3.</i>

Programs & Services Inventory	Category 1-Mandatory 2-Municipal P&S 3-Other	Applicable Section of the Act	Description	Section 6 (6) Info Requirements
Property Rentals	3	21.1.2: P&S that the authority determines to provide within its area of jurisdiction to further the purpose of this Act.	Rent 733 cottage lots at Belwood Lake and Conestogo Lake. Lease agricultural lands Lease 8 residential units Over 50 miscellaneous commercial agreements for use of GRCA lands.	This program was not financed through municipal levies prior to 2024. The GRCA is currently funding the program from self-generated revenue and the use of reserves. <i>Note: Overhead costs related to this program included Administrative Support-Category 3</i>
Hydro Production	3	21.1.2: P&S that the authority determines to provide within its area of	Hydro generating revenue earned at four dam locations (Shand, Connestogo, Guelph and Drimmie).	This program was not financed through municipal levies prior to 2024. The GRCA is currently funding the program from self-generated revenue and the use of reserves.
Conservation Areas	3	21.1.2: P&S that the authority determines to provide within its area of jurisdiction to further the	Operate 11 active Conservation Areas (8 camping and 3 day-use only). Operate Luther Conservation Area Offer hunting on some GRCA Lands	This program was not financed through municipal levies prior to 2024. The GRCA is currently funding the program from self-generated revenue and the use of reserves. <i>Note: Overhead costs related to this program included Administrative Support-Category 3</i>
Administrative Support	3	21.1.2: P&S that the authority determines to provide within its area of jurisdiction to further the purpose of this Act.	Allocate administrative services and expenses that are incremental to delivering non-mandatory programs: Finance Office supplies, postage, bank fees Head office communication system Insurance Audit Fees Consulting, legal, labour relations H&S Equipment, inspections, training Conservation Ontario Fees Corporate Professional Development General Allocate communications expenses related to: Media Relations Public Relations and awareness building Website management Social media management	This program and service was financed in part through municipal levies prior to 2024. The GRCA is currently funding the program from investment income and the allocation of surplus from other Category 3 programs.