



Cataraqui
conservation

Programs & Services Inventory

Version 1 - February 23, 2022



Document Versions / Adoption

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1 Cataraqui Conservation

Cataraqui Region Conservation Authority (Cataraqui Conservation) is a community-based environmental protection and advisory agency. The Authority was established in 1964 by the Province of Ontario at the request of municipalities within the Cataraqui Region watershed, to provide expertise and resources to aid in the protection of life and property from the growing risk of flooding and erosion of shorelines and waterways. Cataraqui Conservation's role is to provide programs and services with partner municipalities to further conservation, restoration, development, and management of natural resources in the Cataraqui Region watershed.

Cataraqui Conservation offers program and services on a watershed basis to support residents and municipalities with the overarching principle of conserving, preserving, protection and enhancing our natural environment. To learn more about Cataraqui Conservation programs and services visit www.cataraquiconservation.ca or view our 2022 Budget & Business Workplan Document.

2 Introduction

Ontario Regulation 687/21, Transition Plans and Agreements for Programs and Services under Section 21.1.2 of the *Conservation Authorities Act* (the Act), requires Conservation Authorities to develop and implement a Programs and Services Inventory (the Inventory).

The Inventory includes a high-level overview of all current programs and services offered on behalf of the eleven (11) participating municipalities in whole or in part within Cataraqui Conservation's watershed. With regard to the Cataraqui Source Protection Area requirements under the *Clean Water Act*, the Township of Frontenac Islands is also included. Participating Counties within the watershed include Frontenac County, Lennox & Addington County, and United Counties of Leeds and Grenville.

Township of Athens	Township of Leeds & the Thousand Islands
City of Brockville	Loyalist Township
Township of Elizabethtown-Kitley	Town of Greater Napanee
Township of Front of Yonge	Township of Rideau Lakes
Town of Gananoque	Township of South Frontenac
City of Kingston	

The first version of the Inventory is to be circulated to watershed municipalities and partners, shared on the Cataraqui Conservation website, and submitted to the Ministry of Environment, Conservation and Parks (MECP) by February 28, 2022. All identified cost-apportioning agreements with watershed municipalities are to be completed and negotiated over a transition period (October 1, 2021 – January 1, 2024) to support Category 2 and 3 programs and services.

Municipal consultation on the Inventory will include meetings with municipal staff, a half-day workshop, and Council presentations if requested. Any feedback received will be incorporated into updated quarterly reports across 2022-2024 for approval at the Full Authority Board and submission to MECP, per Cataraqui Conservation's Transition Plan circulated on December 08, 2021.

3 Definitions

“Category 1 - Mandatory” means the listed programs and services in the *Conservation Authorities Act* eligible to be funded through municipal levy to achieve the regulatory requirement.

“Category 2 – Municipal” refers to programs and services provided through agreement on behalf of a participating municipality by the Conservation Authority.

“Category 3 – Other Locally Supported Programs and Services” means programs and services that the Conservation Authority members find important to deliver to meet the overall direction of the Conservation Authorities Act and require a cost-apportioning agreement should municipal funding be required to support delivery.

“Cost-Apportioning Agreement” is an agreement with one or more partner municipalities that may be related to one or more programs or services provided by Cataraqui Conservation which specifies length of service, approval by all parties and periodic review timelines.

“Estimated Program Cost” means an annual estimate of the total operating delivery costs for a service provided by Cataraqui Conservation.

“Internal Recoveries” is an internal charge that is returned as revenue to the business unit providing the internal service (e.g., vehicle charge recovery).

“Memorandum of Understanding” refers to a service level agreement with one or more partner municipalities outlining the relationship between parties on how to manage, operate, or maintain a program or service including funding arrangement, timelines, and termination clauses.

“Municipal Levy” means a compulsory financial charge on participating municipalities to support a program or service. This includes both General and Special Levy contributions.

“Other Revenue” means revenue from donations, Cataraqui Conservation Foundation, or non-governmental grants to support the operation of a program or service.

“Participating (Watershed) Municipality” means any municipality located within the Cataraqui Conservation watershed/jurisdiction.

“Provincial or Federal Government” refers to revenue provided through Transfer Payment Agreements or successful grants to support the delivery of programs or services.

4 Programs & Services Inventory Notes

- All estimated costs for programs and services are based on approved 2022 Operating Budget requirements which consider a five-year trend where applicable and factor in capital reserve transfers to support asset management where needed.
- The Inventory indicates Governance and Administration costs are not Category 1 programs, rather mandatory requirements under Enabling Services to run the organization. This is further outlined in the Ministry of Environment, Conservation and Park’s Regulatory and Policy Proposal Consultation Guide (Phase 2, January 2022).
- Ice Management Plans under Natural Hazards and Watershed Management are not required within the Cataraqui Conservation watershed. Currently, municipalities maintain that responsibility through consultation with the Conservation Authority where applicable, and therefore are not listed.
- Most programs and services rely on an annually approved Capital Budget to support projects and asset management. The Capital Budget is reviewed as part of the budget development process based on the current asset management program and can be found at <http://cataraquiconservation.ca/pages/budget>. Annual reserve transfers within the Operating Budget are listed within each of the program or services funding notes, where applicable.
- This Inventory does not preclude any new partnerships, changes to programs or services, or grant opportunities from being explored to support the watershed community as needed. This is therefore a living document. As feedback is received, the Inventory may be amended.

5 Cataraqui Conservation Programs Overview

Program	Description	Total Estimated Cost
Governance & Administration	Support provided to all departments of the Conservation Authority, Board of Directors, member municipalities and the public to enable Cataraqui Conservation to meet legislated requirements and operate in an accountable, transparent, and effective manner.	\$1,480,213.00
Conservation Lands & Areas Management	Over 4700 ha of land including conservation areas, boat ramps and water access points, flood control structures, and conservation property. Conservation lands are essential to watershed management, climate change resilience, biodiversity, environmental protection, and passive recreation.	\$2,130,644.00
Natural Hazards & Watershed Management	Conservation Authorities are the lead agencies on natural hazard management to protect people and property from flooding, erosion, and to manage natural resources within watersheds across Ontario. The watershed-based programming includes a comprehensive list of services to support local stakeholder collaboration and on-the-ground knowledge. Projects reduce the risk to life and property from natural hazards, protect water quality and quantity, and support climate change resiliency.	\$1,148,513.00
Drinking Water Source Protection	The protection of existing and future municipal residential drinking water sources as prescribed in the <i>Clean Water Act</i> for the Cataraqui Source Protection Area.	\$152,000.00
Education & Public Programming	Implementation of programming for all ages to learn and understand a watershed and natural forms, and to educate, inspire, and promote discovery through our head, hearts, and hands for generations to come.	\$459,202.00

6 Cataraqui Conservation Programs & Services Inventory - Summary

Cataraqui Conservation Programs & Services	Description	Funding Sources	Estimated Cost (\$)
		Municipal Levy Provincial or Federal Self-Generated Other (e.g., Donations) Internal Recoveries	
Enabling Services			
Governance and Administration			\$ 1,480,213.00
Corporate Services	Administration, Board of Director's governance, human resources, legislative compliance, strategic planning, document management, corporate policy and sustainability to support the delivery of all programs and services of the organization. Includes General Manager's Office, reception and customer service.	Municipal Levy (90%) Internal Recoveries (10%)	\$ 476,730.00
Information Management	Information, systems, and database management, asset management, mapping and GIS requirements, applications development, and the processing, collecting, and analysis of information to support programs and services across the watershed.	Municipal Levy (61%) Self-Generated (1%) Internal Recoveries (38%)	\$ 367,730.00
Finance	Accounting, payroll, financial reporting, budget and taxation management, contract administration, corporate financing, donations, fundraising and grants management to support all programs and services.	Municipal Levy (30%) Internal Recoveries (70%)	\$ 454,128.00
Communications	Media relations, online and marketing management, health & safety coordination, stakeholder, Foundation, and volunteer engagement, community outreach and corporate event coordination to support all programs and services.	Municipal Levy (62%) Internal Recoveries (38%)	\$ 181,625.00
Category 1 - Mandatory Programs & Services			
Conservation Lands & Areas Management			\$ 1,809,696.00
Conservation Lands & Operations	Natural heritage management, general operations, asset management (passive recreation included) of trails / owned land uses, and maintenance on owned properties. Includes ecological monitoring, and stewardship on owned lands as well as strategic planning for land management, acquisition and deposition as appropriate.	Municipal Levy (47%) Internal Recoveries (53%)	\$ 645,536.00
Conservation Areas	Includes facilities, maintenance of passive trails and property land uses, hazard tree and biodiversity management, conservation of natural spaces, and public education.	Municipal Levy (81%) Self-Generated (7%) Other (5%) Internal Recoveries (7%)	\$ 1,126,800.00
Section 29 Implementation	Conservation area enforcement, compliance, and permitting to protect owned lands as required under Minister's regulation.	Municipal Levy (62%) Self-Generated (38%)	\$ 37,360.00
Natural Hazards & Watershed Management			\$ 997,837.00
Section 28 Implementation	Permitting, enforcement, and compliance of Ontario Regulation 148/06 under the Ministry of Northern Development, Mines, Natural Resources & Forestry pursuant to Section 28 of the Conservation Authorities Act. This program also includes legal and public inquiries, database management, mapping and technical study updates to support mitigation of natural hazards and inform regulatory role.	Municipal Levy (56%) Self-Generated (44%)	\$ 387,963.00
Land Use Plan Review (Natural Hazards)	Review planning applications on behalf of the Province and Municipalities within the Cataraqui Region to identify potential natural hazards and natural resources such as floodplains, wetlands, sensitive habitat, and shorelines so as to protect the public from danger and property damage posed by natural hazards such as flooding and erosion.	Municipal Levy (53%) Self-Generated (47%)	\$ 122,854.00
Policy Plan Input (Natural Hazards)	Provide natural hazard (e.g. flooding and erosion) advice to municipalities for incorporation into municipal Official Plans and Zoning By-laws.	Municipal Levy (100%)	\$ 3,235.00
Engineering	Engineering services that include asset management and water management. Supports development review services, watershed planning technical studies, and project management.	Municipal Levy (49.5%) Internal Recoveries (50.5%)	\$ 173,830.00
Floodplain Mapping	To direct development away from flood and erosion-prone areas and wetlands, we develop floodplain mapping, which is used by staff when reviewing development applications. It is also used to support implementation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulations (Ontario Regulation 148/06).	Municipal Levy (100%)	\$ 10,000.00

Cataraqi Conservation Programs & Services	Description	Funding Sources	Estimated Cost (\$)
		Municipal Levy Provincial or Federal Self-Generated Other (e.g., Donations) Internal Recoveries	
Low Water Response	Includes implementation of provincial program to oversee drought conditions within the watershed, engage a Technical Advisory Committee, and designate levels for public and municipal awareness based on time-based precipitation averages across the watershed.	Municipal Levy (100%)	\$ 4,450.00
Flood Forecasting & Warning	Implementation of a provincial program to assess watershed conditions based on watershed models, waterbody characteristics, and climate forecasts. Includes communication notices to municipal and regional contacts to maintain awareness and assess risk. Incorporates management of hydrometric network (stream and rain gauges) and communication with regional water managers to mitigate natural hazards. Also supports climate change awareness.	Municipal Levy (29%) Provincial (71%)	\$ 79,840.00
Water/Erosion Control Structure Management	Management of 10 water control structures across the watershed including asset management, operations and safety oversight, completion of function assessments, and maintenance as required to manage water levels and flows. Three of the structures are owned by municipalities.	Municipal Levy (100%)	\$ 74,190.00
Water Quality & Quantity Monitoring (Watershed Science)	Includes provincial water quality and quantity monitoring through PWQMN and PGMN networks, stream and surface water monitoring, reporting, and morphology work to understand and characterize natural systems for responding to climate change and mitigating natural hazards. Critical to support the Core Watershed Resource Based Management Strategy, watershed studies, and Watershed Report Card.	Municipal Levy (82%) Internal Recoveries (18%) Other (0.2%)	\$ 141,475.00
Drinking Water Source Protection			\$ 152,000.00
Drinking Water Source Protection	Protection of municipal residential drinking water sources through governance of a Source Protection Committee and Authority, support for municipal risk management of local threats to drinking water sources, municipal plan input and review, Source Protection Plan implementation guidance, online education and communicating important messages to drinking water managers, and annual reporting as outlined under the Clean Water Act.	Provincial (100%)	\$ 152,000.00
Education & Public Programming			\$ 58,605.00
Watershed Education	Ongoing communications and graphic development to support stakeholder presentation on all programs and services within the watershed. Critical to ensure success of partner engagement, public understanding, and awareness of all watershed program and services.	Municipal Levy (97%) Self-Generated (3%)	\$ 58,605.00
Category 2 - Municipal Programs & Services			
Conservation Lands & Areas Management			\$ 5,000.00
Conservation Areas (Municipal Boat Ramps)	Includes municipal arrangements for maintenance of boat ramps to support recreation on the landscape.	Municipal Levy (100%)	\$ 5,000.00
Natural Hazards & Watershed Management			\$ 150,676.00
Land Use Plan Review (Stormwater Management)	Review planning applications on behalf of the Province and Municipalities within the Cataraqi Region provide water quality and water quantity advice (stormwater management review) across the watershed.	Municipal Levy (25%) Self-Generated (75%)	\$ 38,796.00
Land Use Plan Review (Ecological Advisement & Natural Heritage)	Review planning applications on behalf of the Province and Municipalities within the Cataraqi Region to identify potential natural heritage features such as wetlands, woodlands, sensitive habitat, and shorelines.	Municipal Levy (53%) Self-Generated (47%)	\$ 90,525.00
Policy Plan Input (Natural Heritage)	Provide natural heritage (e.g. Provincially Significant Wetlands, Significant Woodlands, ANSIs, etc) advice to municipalities for incorporation into municipal Official Plans and Zoning By-laws.	Municipal Levy (100%)	\$ 3,235.00
Water/Erosion Control Structure Management (Municipally-Owned)	Management of 10 water control structures across the watershed including asset management, operations and safety oversight, completion of function assessments, and maintenance as required to manage water levels and flows. Three of the structures are owned by municipalities.	Municipal Levy (100%)	\$ 18,120.00

Cataraqi Conservation Programs & Services	Description	Funding Sources	Estimated Cost (\$)
		Municipal Levy Provincial or Federal Self-Generated Other (e.g., Donations) Internal Recoveries	
Category 3 - Other Locally-Supported Programs & Services			
Conservation Lands & Areas Management			\$ 315,948.00
Conservation Areas (Recreation Facilities)	Includes Cataraqi Conservation owned facilities at Conservation Areas used to support active recreation and education programming.	Municipal Levy (7%) Self-Generated (45%) Internal Recoveries (48%)	\$ 36,668.00
Stewardship	Afforestation and reforestation to support private landowner and community plantings, nurseries management at conservation areas, and environmental restoration programs to support watershed conservation and climate change resilience.	Provincial and Federal (14%) Self-Generated (80%) Other (6%)	\$ 279,280.00
Education & Public Programming			\$ 400,597.00
Curriculum-based School Programs	Deliver quality curriculum enriched outdoor and environmental education programs that promote and instill conservation and stewardship values. Create engaging outdoor classrooms and adaptive experiences to be inclusive to all learning styles, abilities and ages. Partner with school boards, teachers and Cataraqi Conservation staff to enhance classroom learning and core conservation topics. Offer curated conservation focused and curriculum enriched programs virtually, in the school yard and nearby greenspaces, and conservation areas to connect students and teachers to the flora and fauna in all seasons.	Municipal Levy (42%) Self-Generated (42%) Other (17%)	\$ 141,220.00
Forest Therapy	Continue to be an innovator and provincial leader in the healing and connective practice of Forest Bathing via in-person sessions for the public, private groups, and retreats. Online sessions available to be inclusive to all members of the watershed community.	Municipal Levy (86%) Self-Generated (14%)	\$ 17,160.00
Forest School	Deliver weekly seasonally focused outdoor forest school learning modules for early learners, home school learners and their caregivers.	Municipal Levy (88%) Self-Generated (12%)	\$ 24,897.00
Nature Explorers Summer Camp	Each summer deliver nature in a safe, fun, hands-on manner, Cataraqi Conservation's Nature Explorers Summer Day Camp at Little Cataraqi Creek Conservation Area.	Municipal Levy (9%) Self-Generated (91%)	\$ 49,400.00
Public Programming	Throughout fall, winter and spring, deliver weekend public programs which include hands-on experiences with various flora and fauna such as tree planting, speaker series, workshops, connecting with watershed residents to offer conservation themed talks to community groups and businesses. Fosters public awareness and understanding of our watershed programs & services.	Municipal Levy (77%) Self-Generated (23%)	\$ 30,590.00
Maple Madness	Maple syrup community festival run annually for over 30+ years to promote Indigenous teachings, watershed knowledge, and public education on maple syrup run through the month of March including March Break. Program runs at Little Cataraqi Creek Conservation Area and employs contract student staff and opportunities for community/student volunteers. Supports municipal tourism.	Municipal Levy (7%) Self-Generated (93%)	\$ 105,940.00
Winter Recreation	Maintain groomed and track-set cross country ski trails and winter equipment rentals and lessons at the Little Cataraqi Creek Conservation Area from January to February annually. Program run out of the Outdoor Centre and supports municipal tourism.	Municipal Levy (65%) Self-Generated (35%)	\$ 31,390.00

7 Category 1 Programs & Services Rationale

Service	Category Rationale	Estimated Cost (\$)	Funding Notes
Conservation Lands and Areas Management			
Conservation Lands & Operations	O.Reg 686/21, Section 9 to support the management and conservation of owned properties while providing natural mitigation to climate change and local impacts. As outlined in O.Reg 686/21, Section 10 and 11, this service supports the development of a land inventory and strategy for managing conservation authority owned property.	\$ 645,536.00	Within the operating funding, an annual reserve transfer of \$15,000 support capital asset management requirements for ongoing operations.
Conservation Areas	O.Reg 686/21, Section 9 to support the management and conservation of owned properties	\$ 1,126,800.00	Within the operating funds, an annual total reserve transfer of \$90,135 supports capital asset management across the owned Conservation Areas, boat ramps, water access points, and docks and includes facilities and fleet maintenance. This includes a Municipal (Special) Levy for Lemoine Point, Parrott's Bay, and Owl Woods Conservation Areas.
Section 29 Implementation	Section 29 of the Conservation Authorities Act and O.Reg 686/21, Section 9 to protect and conserve owned lands.	\$ 37,360.00	Costs are based on a contracted service to support security across the conservation areas as well as on-site security for Little Cataraqui Creek Conservation Area.
Natural Hazards and Watershed Management			
Section 28 Implementation	O.Reg 148/06 within the Cataraqui Conservation watershed and O.Reg 686/21, Sections 1 and 8.	\$ 387,963.00	Funding for this service accounts for approximately 60% of development review efforts within the watershed to support municipalities.
Land Use Plan Review (Natural Hazards)	O.Reg 686/21, Sections 6 and 7 to support municipal Planning Act and Provincial Policy Statement requirements	\$ 122,854.00	Funding for this service accounts for approximately 19% of development review efforts within the watershed to support municipalities. Included is an annual reserve transfer of \$6,380 support capital data acquisition for the program (e.g., LiDAR).
Policy Plan Input (Natural Hazards)	O.Reg 686/21, Sections 6 and 7 to support municipal Planning Act and Provincial Policy Statement requirements	\$ 3,235.00	Funding for this service accounts for approximately 0.5% of development review efforts within the watershed to support municipalities.
Engineering	O.Reg 686/21, Sections 1, 3 and 5 to support the management of risk from natural hazards across the watershed and climate change resiliency.	\$ 173,830.00	Funding is based on the oversight, management, and analysis of hydrologic models, stormwater management, flood duty officer roles and managing water level resources within the watershed.
Floodplain Mapping	O.Reg 686/21, Section 8 to support the management of risk from natural hazards across the watershed.	\$ 10,000.00	Annual reserve contribution of \$10,000 to support future projects. This service is managed through capital projects and dependent on a long-term funding strategy based on a Floodplain Mapping Strategy (2020) completed for the jurisdiction. Projects rely on municipal partnerships, provincial and national grants. Should external funding no longer be available, municipalities are responsible for supporting the cost of required projects. On average, ~\$150,000 has been spent in the last five years through the capital program.
Low Water Response	O.Reg 686/21, Sections 1 and 3 to support the management of risk from natural hazards across the watershed.	\$ 4,450.00	Funding is calculated based on staff time, materials, and resources to run regional meetings, collect data, and run the program and is primarily supported by Municipal Levy.
Flood Forecasting & Warning	O.Reg 686/21, Sections 1 and 2 to support the management of risk from natural hazards across the watershed.	\$ 79,840.00	Funding is based on a reduced provincial payment through Section 39 grant and staffing requirements for the service. Should future funding reduce, municipalities are responsible for supporting this program.
Water/Erosion Control Structure Management	O.Reg 686/21, Sections 2 and 5 to support the management of water control structures on owned lands across the watershed.	\$ 74,190.00	Funding is based on 2022 Special Levy arrangement approved through the local budget process which includes inflation to account for uncontrollable costs for seven (7) owned structures. These assets also rely on capital asset management works funded through reserves (annual reserve transfer of approximately \$33,500).
Water Quality & Quantity Monitoring	O.Reg 686/21, Sections 1, 7, 8 and 12 to support provincial monitoring of stream networks and waterbodies for understanding the health and management of natural resources / hazards within the Cataraqui watershed.	\$ 141,475.00	Funding is based on 2022 budget requirements as this program area has changed in the past few years to incorporate natural hazard requirements, provincial monitoring, snow surveys, and ecological monitoring.

Drinking Water Source Protection			
Drinking Water Source Protection	O.Reg 686/21, Section 13 and Clean Water Act legislation to protect municipal drinking water sources.	\$ 152,000.00	Provincially funded and agreed upon through a Transfer Funding Agreement negotiated annually. This cost reflects the minimum need to sustain the program and based on 2022 proposed requirements.
Education and Public Programming			
Watershed Education	O.Reg 686/21, Section 1(2) and 1(3) to support communicating core programming across the watershed	\$ 58,605.00	Total program cost is based on 20% of staff time to educate watershed communities on core programs such as natural hazards, conservation land management, and watershed management efforts.

8 Category 2 Programs & Services Rationale & Agreement Requirements

Service	Agreement Required	Category Rationale	Partnering Municipality	Agreement Date	Estimated Costs (\$)	Funding Notes
Conservation Lands and Areas Management						
Conservation Areas (Municipal Boat Ramps)	Yes	Lyndhurst and Hentry Street Boat Ramp are municipal-owned assets currently managed and maintained by Cataraqui Conservation on behalf of the respective Townships. Per O.Reg 687/21, Section 6(5), an agreement is required to continue the service.	Township of Leeds and the Thousand Islands (TLTI) (Lyndhurst) City of Brockville (Henry Street)	To Be Reviewed & Negotiated	\$ 5,000.00	TLTI currently provides a 100% Municipal (Special) Levy to support the operation, maintenance, and management of Lyndhurst Boat Ramp on municipal owned land. An annual reserve contribution of \$2,538 supports capital asset management. City of Brockville has assumed maintenance over the past number of years of Henry Stree Boat Ramp. There is a need to assess the agreement. Cataraqui Conservation has contributed to capital works in the last 5 years (\$16,600) and had staff on-site periodically until 2019. Currently operations are conducted on an as-needed basis.
Natural Hazards and Watershed Management						
Land Use Plan Review (Stormwater Management)	Yes	All eleven (11) municipalities, two Counties and the Township of Frontenac Islands individually request Cataraqui Conservation to carry out these services with planning service level agreements approved through local Council. Per O.Reg 687/21, Section 6(5), service level agreements are required to continue the services. Current service level agreements include all three areas and are to be updated per regulatory requirements.	Township of Athens	01-Jan-19	\$ 38,796.00	Stormwater management accounts for approximately 6% of development review efforts to support municipalities. Ecological advisement and natural heritage review as part of land use plan review for municipalities accounts for approximately 14% of development review services.
Land Use Plan Review (Ecological Advisement & Natural Heritage)	Yes		City of Brockville	29-Apr-19		
			Township of Elizabethtown-Kitle	22-Jul-11		
			Township of Front of Yonge	02-May-19		
			Town of Gananoque	22-Jul-11		
			Town of Greater Napanee	09-Apr-19		
			City of Kingston	01-Jun-21		
			Township of Leeds and the Thousand Islands	25-Jun-19		
			Loyalist Township	25-Jul-11		
			Township of Rideau Lakes	04-Jul-11		
			South Frontenac Township	07-Jun-19		
			Township of Frontenac Islands	01-Jan-21		
Policy Plan Input (Natural Heritage)	Yes	United Counties of Leeds & Grenville	22-Jul-11	\$ 3,235.00	Natural heritage as part of policy plan input accounts for 0.5% of all development review services to support municipalities.	
Water/Erosion Control Structures	Yes	Three structures: Highgate Creek, Booths Falls Diversion Channel, and Buells Creek Detention Basin are currently managed and maintained by Cataraqui Conservation on behalf of the municipality. Per O.Reg 687/21, Section 6(5), an agreement is required to continue the services at each of the structures.	City of Kingston (Highgate Creek) City og Brockville (Booths Falls Diversion and Buells Creek Detention Basin)	To Be Negotiated	\$ 18,120.00	Funding is based on 2022 Municipal (Special) Levy arrangement approved through the local budget process which includes inflation to account for uncontrollable costs for three (3) municipally-owned structures. These assets also rely on annual reserve transfers (~\$8,470 total) to support capital asset management at the three structures.

9 Category 3 Programs & Services Rationale & Agreement Requirements

Services	Agreement Required	Category Rationale	Partnering Municipality	Agreement Date	Estimated Costs (\$)	Funding Notes
Conservation Lands & Areas Management						
Conservation Areas (Recreation Facilities)	Yes	Little Cataraqi Creek Conservation Area Outdoor Centre is an asset that provides opportunity for active recreation (facility rentals, small events, etc.) per O.Reg 687/21, Section 6(6). Approximately 60% of the facilities usage supports passive recreation for the property.	11 Participating Municipalities	To Be Negotiated	\$ 30,628.00	Approximately 40% of this facility's usage is for active recreation programs that are funded through Self-Generating user fees (e.g., meeting & event rentals, concessions, education and nature camp room rentals). The remainder is considered passive use by the public and community to support the asset. Should the current funding model change, the future operation of the Outdoor Centre will need to be discussed.
	Yes	Mac Johnson Wildlife Area Nature Centre is a facility on a Conservation Area used primarily for active recreation. The facility is shared usage with local partners in the community. Per O.Reg 687/21, Section 6(6), this facility is considered a local effort requiring agreement support.	11 Participating Municipalities	To Be Negotiated	\$ 5,690.00	Funding is based on utilities, uncontrollable costs and maintenance of the structure. 100% supported by Municipal Levy. The facility is used by the community, volunteers and school programs.
	Yes	Gould Lake Conservation Area Barn is a structure on a Conservation Area used to storage to support a schoolboard partnership (active recreation per O.Reg 687/21, Section 6(6)).	Limestone District Schoolboard	2021 (Reviewed annually)	\$ 350.00	Leased facility through partnership with the Limestone District Schoolboard for storage. Funding to support minor maintenance and insurance is currently 100% Municipal Levy. Condition assessment completed in 2019 outlined the building is no longer safe for use. Capital costs to be determined for future of the building (e.g., retrofit or demolition).
Stewardship	No	Stewardship Program offered across watershed on non-Cataraqi Conservation owned properties (Federal, Provincial, Municipal and Private). Per O.Reg 687/21, Section 6(6), stewardship conducted on property not owned by the Conservation Authority is considered active recreation.	11 Participating Municipalities	N/A	\$ 279,280.00	Funding provided by Forests Ontario and provincial and federal tree planting programs through landowner subsidies. Tree sales occur on nurseries that all support the program. An annual reserve transfer of \$9,350 support capital asset management of the program.
Education & Public Programming						
Curriculum-based School Programs	Yes	Per O.Reg 686/21, Section 9 and O.Reg 687/21 Section 6(6), these program & services are considered active recreation and/or deemed advisable locally to support the watershed. These programs and services have long standing support from the Board, municipalities and the community.	11 Participating Municipalities	To Be Negotiated	\$ 141,220.00	Two school boards contribute \$3 per student to help subsidise the cost to their students. Schoolboards are unable to subsidise program operations. Funding is based on user fees and Municipal Levy. The program is not self-sufficient and capacity is limited to run without further financial support. Cataraqi Conservation Foundation supports the program each year donating between \$10-\$20,000.
Forest School	Yes		11 Participating Municipalities	To Be Negotiated	\$ 24,897.00	Funded through Municipal Levy and user fees. Program is not cost recovery.
Forest Therapy	Yes		11 Participating Municipalities	To Be Negotiated	\$ 17,160.00	Funded through Municipal Levy and user fees. Program is not cost recovery.
Winter Recreation	Yes		11 Participating Municipalities	To Be Negotiated	\$ 31,390.00	Funded through user fees such as the entrance gate fee, equipment rentals and ski lessons, and Municipal Levy. Program is not cost recovery and limited internally to run without further financial support.
Maple Madness	Yes		11 Participating Municipalities	To Be Negotiated	\$ 105,940.00	Mostly funded by entrance gate fees, concession sales, and maple product sales. Municipal Levy funds all required staff time. Most of the program is cost recovery.
Public Programming	Yes		11 Participating Municipalities	To Be Negotiated	\$ 30,590.00	Funded through entrance gate fees, program registration, concession revenue and Municipal Levy. Program is not cost-recovery and limited internally to run without further financial support.
Nature Explorers Camp	Yes		11 Participating Municipalities	To Be Negotiated	\$ 49,400.00	Currently funded by user fees with minimal Municipal Levy for full time staff training and oversight.