

RVCA Programs and Services Inventory

Version 1 – Preliminary Draft (February 22, 2022)

Program & Service

This column provides a list of RVCA's existing programs and services.

Description

This column provides a brief description of each program and service.

Category

This column indicates which “category” the program and service falls under within the new legislative framework:

- Category 1 – mandatory programs and services prescribed by the province through regulation
- Category 2 – programs and services provided on behalf of one or more municipalities through mutual agreement
- Category 3 – other programs and services that conserve, restore, develop and manage natural resources in the watershed
- Corporate Administrative Cost – costs to maintain the organization not directly related to the delivery of a program or service

Reference

This column provides a reference to the applicable section of O. Reg. 686/21 for category 1 mandatory programs.

This column provides the name and date an agreement was signed with a municipality for category 2 municipal programs.

Estimated Annual Cost

This column estimates the annual cost of providing each program and service based on RVCA's 2022 operations budget.

Source of Funding

This column estimates which revenue streams support the program and service based on RVCA's 2022 budget (except where program revenues fluctuate significantly from year-to-year, then it is based on a 5-year average which is denoted by an asterisk):

- Municipal Levy
- Municipal MOU / Agreement
- Provincial / Federal Funding
- Self-Generated (user fees, grants, fundraised)

This preliminary draft version of RVCA's programs and services inventory is based on our 2022 budget and will be circulated to all member municipalities and the province by February 28, 2022, as required by regulation. The RVCA will then work on improving and refining the inventory to better align with the categories and criteria outlined in amended legislation as the final phase of provincial regulations is released (anticipated in March/April). The RVCA will then circulate an improved draft version of the inventory to municipalities before beginning discussions with municipalities about future program and service needs and funding.

Watershed Science & Engineering Services

Program & Service		Brief Description	Category	Reference	Annual Cost	Source of Funding
1	Program Management	<ul style="list-style-type: none"> Provide oversight and management of all programs within the department 	Corporate Admin	<i>TBD</i>	\$64,568	13% provincial; 87% levy
2	Watershed Reporting	<ul style="list-style-type: none"> Report on the condition of the watershed and identify trends, concerns and priority actions to address natural hazard and natural resource issues, including the impacts of climate change Complete a watershed-based resource management strategy as prescribed in regulation 	1 & 3	Section 12 (4): watershed-based resource management strategy	\$165,160	100% levy
3	Drinking Water Source Protection	<ul style="list-style-type: none"> Administer the province's drinking water source protection program under the <i>Clean Water Act</i> to protect present and future sources of municipal drinking water from contamination and overuse 	1	Section 13: Source protection authority under the Clean Water Act, 2006	\$217,020	100% provincial
4	Surface Water Quality Monitoring	<ul style="list-style-type: none"> Measure and analyze water quality in lakes, rivers and streams to establish a baseline dataset and identify changes and concerns Program looks at both water chemistry and indicator invertebrates and involves volunteers in sampling 	1, 2 & 3	Section 12 (3): provincial stream monitoring program Ottawa MOU 2019	\$447,111	35% municipal agreement; 65% levy
5	Hydrometric Monitoring and Forecasting	<ul style="list-style-type: none"> Collect, analyze and disseminate climate, snow and streamflow data to monitor high and low water conditions across the watershed. Issue flood and drought advisories and warnings to municipalities, partners and the public. 	1	Section 2: Flood forecasting and warning Section 3: Drought or low water response	\$286,787	4% provincial; 1% self-generated; 95% levy

6	Flood, Erosion and Drought Studies	<ul style="list-style-type: none"> • Study and map areas that are at risk from natural hazards such as floodplains, steep slopes and unstable soils. • Maintain and refine a hydrologic model of the watershed to support hazard mapping, flood and drought analysis, and land use and climate change analysis 	1	Section 1: Risk of certain natural hazards	\$418,562	3% provincial; 13% municipal agreement; 84% levy
7	Groundwater Monitoring	<ul style="list-style-type: none"> • Support the provincial groundwater monitoring program and develop tools that support watershed planning and development review and help create a conceptual understanding of hydrogeological conditions 	1 & 3	Section 12 (2): provincial groundwater monitoring program	\$156,461	100% levy
8	Aquatic and Terrestrial Habitat Monitoring	<ul style="list-style-type: none"> • Collect information about the physical and biological attributes of creeks and streams (temperature, habitat, fish) using volunteers in some areas • Assess headwater drainage features • Identify changes in land cover through GIS analysis • All information is used to assess the condition of the watershed and guide actions and restoration activities 	1 & 3	Section 12 (4): watershed-based resource management strategy	\$380,387	10% self-generated; 90% levy
9	Water Control Infrastructure Operations	<ul style="list-style-type: none"> • Operate and maintain water, flood and erosion control structures and support ice management activities undertaken by Ottawa to help protect communities from natural hazards • Work with municipalities interested in constructing new infrastructure to help alleviate flooding or erosion concerns 	1 & 2	Section 4: Ice Management Section 5: infrastructure Multiple Ottawa MOUs (1980s to 2017)	\$1,245,658	5% provincial; 93% municipal agreement; 2% levy

Planning Advisory and Regulatory Services

Program & Service		Brief Description	Category	Reference	Annual Cost	Source of Funding
10	Program Management	<ul style="list-style-type: none"> Provide oversight and management of all programs within the department 	Corporate Admin	<i>TBD</i>	\$138,997	100% levy
11	Site Specific Plan Review	<ul style="list-style-type: none"> Review planning applications and provide comments to municipalities regarding natural hazards like floodplains, steep slopes, unstable soils (on behalf of the province) and natural heritage like wetlands, woodlands and valley lands as well as stormwater management (on behalf of municipalities) Work closely with applicants and municipalities to identify concerns early in the process and identify alternatives where possible 	1 & 2	<p>Section 6: Comment re applications, proposals</p> <p>Section 7: Plan review, comments</p> <p>Ottawa MOU 2019; Lanark MOU 2009; Leeds Grenville MOU 2012</p>	\$649,265	82% self-generated*; 18% levy*
12	Non-Site Specific Plan Review	<ul style="list-style-type: none"> Provide input to municipalities on draft official plans, zoning bylaws, environmental assessments and other municipal studies regarding natural hazards, natural heritage and natural resource management Participate on technical advisory committees that oversee master servicing studies, community design plans, subwatershed studies and environmental management plans 	1 & 2	<p>Section 7: Plan review, comments</p> <p>Ottawa MOU 2019; Lanark MOU 2009; Leeds Grenville MOU 2012</p>	\$178,231	6% provincial, 94% levy
13	Section 28 Conservation Authorities Act	<ul style="list-style-type: none"> Regulate development, interference with wetlands and alterations to shorelines and watercourses as prescribed through regulation Work closely with applicants and municipalities to identify concerns 	1	Section 8: Administering and enforcing the Act	\$844,325	45% self-generated*; 55% levy*

		early in the process and identify alternatives where possible; program also includes policy development, pre-consultation, compliance monitoring and enforcement which collect no fees				
14	Part IV <i>Clean Water Act</i>	<ul style="list-style-type: none"> Administer Source Protection Plan policies near municipal wells and intakes on behalf of some municipalities under Part IV of the Clean Water Act (designated as their Risk Management Inspector and/or Official) 	2	MOUs with 12 municipalities (2017 to 2021)	\$44,880	100% self-generated / municipal agreement
15	Part 8 <i>Building Code Act</i>	<ul style="list-style-type: none"> Regulate sewage systems (including new, enlarged or replacement systems) on behalf of some municipalities under Part 8 of the Ontario Building Code (designated as their Principal Authority) 	2	Ottawa MOU 2016; Tay Valley MOU 2020	\$627,774	100% self-generated
16	Septic Reinspection Program	<ul style="list-style-type: none"> Inspect existing sewage systems in lake country on behalf of some municipalities under the Ontario Building Code (some programs are voluntary others are mandatory) 	2	MOUs with 4 municipalities in 2022, varies each year	\$69,906	100% municipal agreement / self-generated

Stewardship Services

Program & Service		Brief Description	Category	Reference	Annual Cost	Source of Funding
17	Program Management	<ul style="list-style-type: none"> Provide oversight and management of all programs within the department 	Corporate Admin	<i>TBD</i>	\$162,603	100% levy

18	Private Land Forestry Assistance	<ul style="list-style-type: none"> • Full-service tree planting program for private and public landowners (woodlot advice, planting plans, site prep, tree planting, tending, funding) • Also have a program dedicated to recovering disease-tolerant butternut 	2 & 3	Ottawa MOU 2011	\$739,158	22% municipal agreement; 62% self-generated; 16% levy
19	Clean Water Program	<ul style="list-style-type: none"> • Technical assistance and grants for farmers and rural property owners to undertake projects on their property that protect or improve water quality 	2 & 3	Ottawa MOU 2021	\$458,145	45% municipal agreement; 55% levy
20	Shoreline Stewardship Program	<ul style="list-style-type: none"> • Full-service shoreline naturalization program for private and public landowners (technical advice, planting plans, site prep, planting) • Also work with lake associations and other groups to support plant sales 	3		\$217,289	25% self-generated; 75% levy
21	Beaver Management	<ul style="list-style-type: none"> • Track nuisance beaver calls, provide technical advice and work with municipalities and property owners to help address beaver activity in certain circumstances 	2	Agreements are entered into as needed	\$6,421	100% levy
22	Ontario Rural Wastewater Centre	<ul style="list-style-type: none"> • Develop and teach courses for septic installers, designers and regulators to advance their knowledge of design, construction, repair and inspection regarding sewage systems • Maintain a demonstration site at Baxter Conservation Area that displays a wide variety of sewage system technologies 	3		\$68,298	100% self-generated

Conservation Land Management Services

Program & Service		Brief Description	Category	Reference	Annual Cost	Source of Funding
23	Program Management	<ul style="list-style-type: none"> Provide oversight and management of all programs within the department 	Corporate Admin		\$86,847	100% levy
24	Land Donations / Acquisitions	<ul style="list-style-type: none"> Accept donations of ecologically sensitive land (such as wetland, shoreline, forest cover) and protect it in perpetuity so natural features can provide lasting ecological benefits 	3		\$15,000	100% self-generated
25	Conservation Lands	<ul style="list-style-type: none"> Manage 63 properties (7,500+ acres) of ecologically sensitive land. Develop management plans for each property to ensure good land use planning and long-term health 	1	Section 9, 10 & 11: conservation and management of lands	\$252,508	3% self-generated; 97% levy
26	Conservation Areas	<ul style="list-style-type: none"> Manage 11 conservation areas that welcome 300,000 visitors / year Provide amenities such as trails, boardwalks, lookouts, beaches, boat launches, picnic shelters and interpretive centres 	1	Section 9, 10 & 11: conservation and management of lands	\$846,452	20% self-generated; 80% levy
27	Outdoor Education	<ul style="list-style-type: none"> Deliver curriculum-based school programs, forest school, summer day camps and group programs that promote conservation and environmental stewardship 	3		\$169,338	85% self-generated; 15% levy
28	Lease and Management Agreements	<ul style="list-style-type: none"> Provide limited land management services (grass cutting, trail maintenance) on some municipally owned properties 	2	Ottawa MOU 1984	\$32,000	100% municipal agreement

Corporate Services

Program & Service		Brief Description	Category	Reference	Annual Cost	Source of Funding
29	Management and Members	<ul style="list-style-type: none"> Overall management and governance of the RVCA including strategic planning, municipal and government relations, work planning, policy and program development, issues management and partnership development. 	Corporate Admin	<i>TBD</i>	\$331,170	100% levy
30	Finance and Administration	<ul style="list-style-type: none"> Finance and human resources support including budgeting, accounting, financial reporting, payroll, employee recruitment, training, employee management and joint health and safety 	Corporate Admin	<i>TBD</i>	\$546,910	10% self-generated; 90% levy
31	Communications	<ul style="list-style-type: none"> Communications support including website development, social media, project planning, outreach (media releases, blog, newsletter, videos), drafting of reports and messaging 	Corporate Admin	<i>TBD</i>	\$294,868	100% levy
32	Foundation	<ul style="list-style-type: none"> Fundraising support including partnership development, grant writing, fundraising campaigns, and management of endowment funds 	Corporate Admin	<i>TBD</i>	\$98,598	100% levy
33	GIS	<ul style="list-style-type: none"> GIS support including data and information management and the creation and management of internal and public facing databases, geoportals, technical mapping and field apps 	Corporate Admin	<i>TBD</i>	\$245,690	100% levy