

PARTNERSHIP IN ACTION



RVCA Work in PERTH

The strength and resiliency of our local communities rely on the Rideau River and its surrounding watershed. Without lakes, rivers, streams, forests, wetlands, floodplains, natural shorelines and groundwater aquifers we wouldn't have air to breathe, water to drink, places to boat, swim and fish, water and soil to support agriculture and industry or green spaces to explore and relax in. Simply put, natural areas sustain life. They also support economic development and property values, reduce flood, erosion and drought impacts and they are the best defense against climate change.

Since people and nature are interconnected and interdependent, the Rideau Valley Conservation Authority (RVCA) works closely with local municipalities, residents and other partners to deliver programs and services that protect, restore and enhance the Rideau watershed. RVCA's work also protects people and property from natural hazards like flooding and erosion.

Serving your Municipality

It's hard to find a municipal service that our programs don't support either directly or indirectly. RVCA supports informed municipal decision-making, provides cost-effective solutions, ensures consistent delivery and reduces municipal liability. Often we provide this support at a fraction of the cost as our staff are shared among our 18 watershed municipalities. We are here to help you achieve your environmental requirements and initiatives.

- **Source water protection** — develop and implement local policies to protect sources of municipal drinking water and regional groundwater
- **Flood protection and warning** — reduce the threat of loss of life and property damage, helping municipalities prepare and deal with potential flooding and flood emergencies
- **Low water response** — enable communication amongst water management agencies and water consumers and facilitate optimal management when resources are scarce
- **Development regulations** — regulate development on hazard lands (floodplains, steep slopes, unstable soil) and in environmentally sensitive areas (wetlands, shorelines and valley lands) under *Ontario Regulation 174/06 — Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation*
- **Environmental planning services** — provide professional, technical review of development proposals within or adjacent to natural areas for member municipalities regarding official plan amendments, zoning by-law amendments, plans of subdivision, site plans, consents/severances and minor variances
- **Septic approvals and re-inspections** — provide Part 8 approval and re-inspection services
- **Water quality monitoring** — collect data to better understand watershed health and pursue targeted remediation efforts for maximum benefit
- **Subwatershed and catchment reporting** — present municipalities with science-based information that allows for the adoption and implementation of policies and programs that ensure the health of watersheds and the achievement of long-term watershed management goals
- **Conservation lands** — manage 2,300 hectares of sensitive, natural land for strategic protection of vulnerable habitats and valuable local resources

What it means in Perth

- *Tay Valley Subwatershed Report* released in 2012 along with detailed reports for its 14 catchments. We reassessed this subwatershed's health in 2017 and will release an updated report in spring 2018. The report is a compilation of water quality, forest cover, wetland cover and riparian cover data shows the health of the subwatershed and if its health is improving or declining. Municipalities and RVCA use these reports to make policy and program decisions and to focus resource management and stewardship actions where they are needed most.
- *Middle Rideau Subwatershed Report* released in 2016 along with detailed reports for its ten catchments; this is the second reporting cycle for the Middle Rideau following the 2009 report.
- Policy interpretation, implementation tools and other support provided to municipal staff regarding the *Mississippi Rideau Source Protection Plan* which focuses on policies to protect municipal sources of drinking water and is required under the *Clean Water Act*. We provide a specially trained Risk Management Official and Inspectors that are required to enforce the *Clean Water Act* Part IV policies within the municipality. The municipality received provincial Source Protection Municipal Implementation Funding to cover most of the costs associated with source protection plan implementation.
- Haggart Island Dams decommissioned and replaced with rocky ramp structures in 2015 and 2017.
- 16 wells monitored watershed-wide as part of the Provincial Groundwater Monitoring Network collecting water quality and quantity data; samples are analysed for approximately 50 parameters. One of these wells is located near Perth.
- 7 headwater drainage feature sites were sampled in the spring and summer in the Town of Perth Catchment.
- 4.6 square kilometres of hazard mapping (floodplain, steep slopes, unstable soils, wetlands, shorelines and valley lands) completed in Perth.
- 3 sites tested as part of the RVCA's water quality base monitoring.
- 1 Official Plan amendment, 1 Permit to Take Water review, 1 zoning by-law amendment completed in 2017 under Conservation Authority *Planning Act* responsibilities.

Serving your Residents

RVCA works closely with your watershed residents to help them develop their property sustainability. RVCA looks to provide friendly, technical guidance and services that help your residents complete environmental projects on their property. We also support healthy, outdoor family experiences and look to educate and inspire the next generation of conservationists. By investing in our watershed — the land and the people — we are one step closer to a healthy, resilient community worth calling home.

- **Stewardship programs** — work with landowners to restore and improve our watershed through tree planting and shoreline naturalization projects; provide technical advice and assistance for on-the-ground efforts
- **Grant programs** — help landowners complete projects that improve water quality, wildlife habitat and overall ecosystem health
- **Education programs** — provide high quality curriculum-based environmental education programs to watershed children — building our future watershed guardians
- **Conservation areas** — offer 11 developed conservation areas for public use and enjoyment; inexpensive, recreational experiences including trails, boat launches, beaches, picnic shelters, education programs for schools and community groups and summer day camps
- **Property & environmental information and resources** — create and distribute environmental information; support real estate transactions with site-specific information regarding setbacks from natural hazards; provide peace-of-mind through septic approvals and re-inspections that systems are constructed and working properly

What it means in Perth

- Residents have access to outdoor recreation and education programs at nearby developed conservation areas including Perth Wildlife Reserve, Rideau Ferry and Foley Mountain.
- 40 butternut seedlings planted in Perth through the Butternut Recovery Program since 2007.
- 8 Shoreline Naturalization Program project completed since 2009 — 2,215 trees and shrubs planted totaling 564 metres of new buffer with a project value of \$31,470.
- 1 Rural Clean Water projects approved in Perth in 2017 — \$300 allocated to a project valued at \$900; 8 Rural Clean Water projects approved since 2002 — \$6,183 allocated to projects valued at \$28,162.
- 10 property inquiries, 7 files and 3 clearance letters processed regarding Section 28 of the *Conservation Authorities Act* in 2017.

Dollars and Cents

The RVCA's proposed 2018 budget is \$10.19 million. Levy request amounts to just over half of our revenue meaning another 4.5 million is coming from other sources such as fundraising, the province, grants and special levies.

At the RVCA, every \$1 from our member municipality translates into \$2 being invested into the Rideau watershed. The RVCA is able to maximize services through alternative funding sources. Impressive value-added efforts are being achieved — work that could not be achieved working alone. It is our creative

partnerships that make us stronger — finding creative ways to support valuable watershed programs and services.

Perth 2018 levy = \$49,013.15

Questions?

Contact Sommer Casgrain-Robertson, General Manager
Rideau Valley Conservation Authority
3889 Rideau Valley Drive, P.O. Box 599, Manotick, ON K4M 1A5
tel. 613-692-3571 | sommer.casgrain-robertson@rvca.ca