



Rain Ready
Parés pour la pluie
Ottawa

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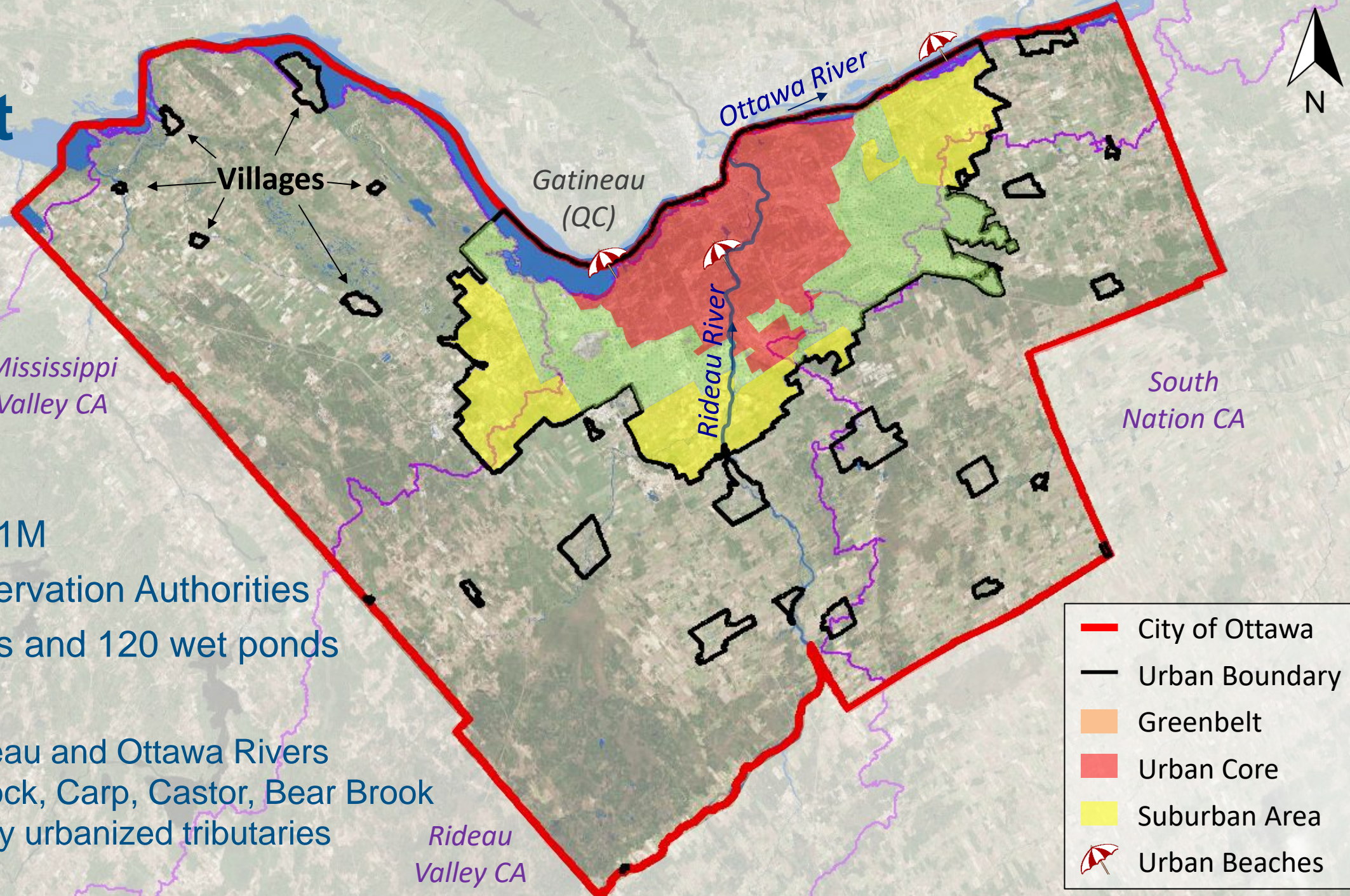


What's the problem with stormwater?

- Stormwater systems in older areas of Ottawa experience uncontrolled runoff and disperse untreated water into the watershed.
- Limited capacity to retrofit in the public right of way within highly urbanized subwatersheds, need for private action.
- Runoff from these areas negatively impacts subwatershed health, leads to downstream beach closures, and localized issues for residents.
- Problems are getting compounded by the increasing frequency of rain events that affect properties and the environment.









Local Context



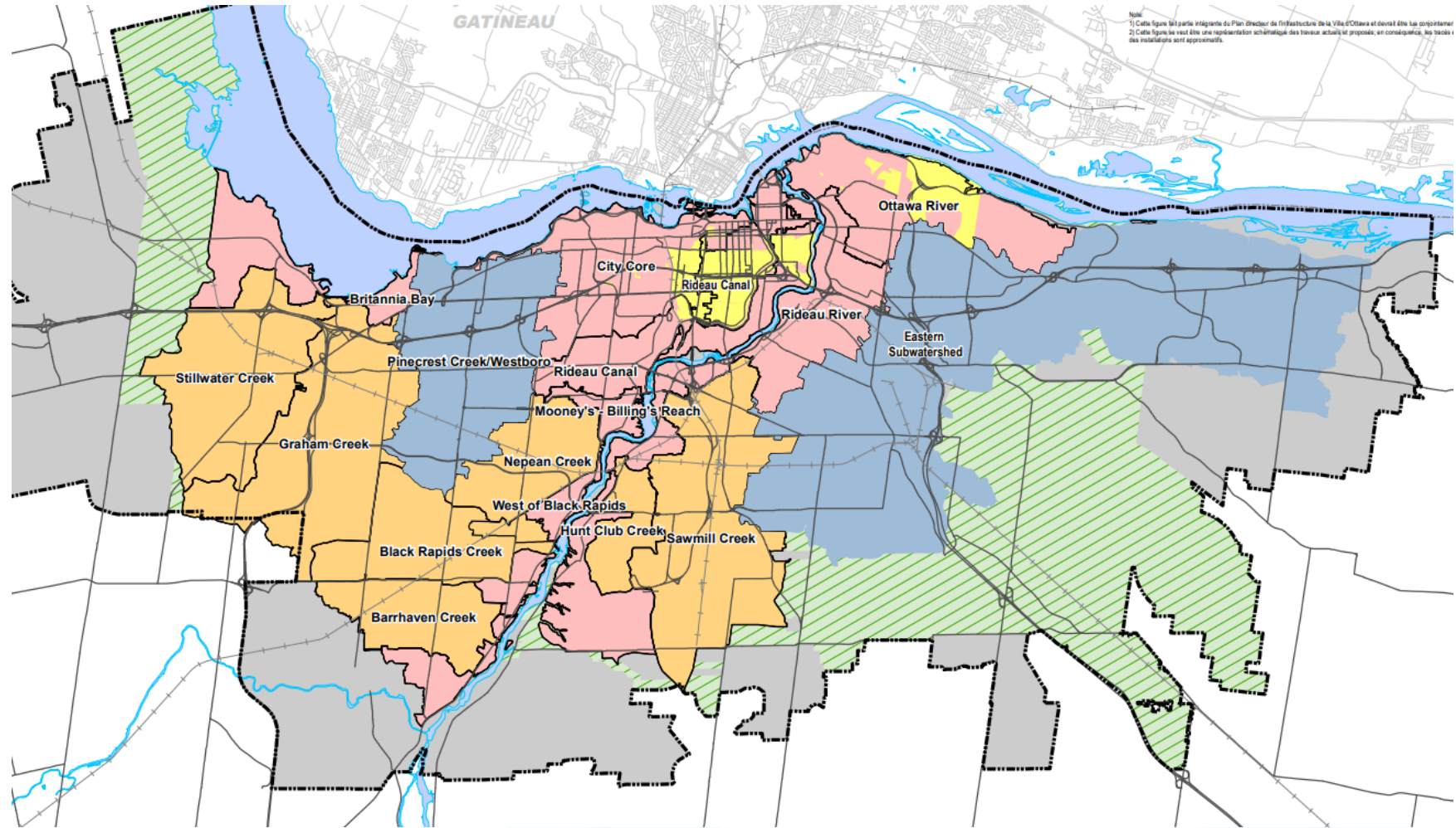
Key Facts:

- Population: 1M
- Three Conservation Authorities
- 70 dry ponds and 120 wet ponds
- Receivers:
 - Large: Rideau and Ottawa Rivers
 - Medium: Jock, Carp, Castor, Bear Brook
 - Small: many urbanized tributaries

	City of Ottawa
	Urban Boundary
	Greenbelt
	Urban Core
	Suburban Area
	Urban Beaches

Drivers for Rain Ready Ottawa

- Ottawa River Action Plan
- Pinecrest Creek/ Westboro and Eastern Subwatershed Stormwater Retrofit Studies
- Infrastructure Master Plan



Retrofit Plan Goals

Residential SWM Practice	50-year Retrofit Target
Pinecrest Creek/Westboro Targets	
Downspout redirections	2,639 (70% of total roof area)
Rain barrels	9,425 (two barrels at 25% of homes)
Rain gardens	1,885 (10% of properties)
Permeable paving	16.2 ha (15% of driveways)
Soakaway Pits and Infiltration trenches	942 (5% of properties)
Eastern Subwatersheds Targets	
At least one of the above	14,700 (30% of properties)

What is Rain Ready Ottawa?

Rain Ready Ottawa is a City program designed to encourage and support lot-level stormwater retrofitting in Ottawa to improve conditions in local watercourses, and improve resiliency City-wide

This is being done by concentrating on four key objectives:

1. Build landscape industry capacity and normalize on-site stormwater management practices
2. Build community awareness and skills
3. Encourage action in priority stormwater retrofit areas
4. Reduce financial barriers for residents



Rain Ready Ottawa Components

Home Assessments



416 Homes Assessed

Landscape Industry Training



57 Trained Professionals

eLearning



630+ Users
1.6k+ Course Registrations

Community Engagement



1,700+ Residents
Engaged at 60+ events

Financial Incentives



166 Applications
275 Projects Completed or Underway
\$2.8 million total investment

Demonstration Sites



3 Rain Gardens Installed

Industry Training

- Rain Ready supports industry training in fusion landscaping.
- Fusion Landscaping combines multiple disciplines to help create beautiful landscapes, while optimizing storm water management on properties.
- Applies aspects of low impact development (LID) to residential landscapes.
- Fusion Landscape Professionals (FLPs) are trained and certified in the design, installation, and maintenance of these landscapes



Rebates

Max \$5,000 per household.

Rebate	Downspout Redirection	Rain Garden	Soakaway Pits	Permeable Pavements	Certified Landscape Design
Max Amount	\$750 per	\$2,500	\$2,500	\$5,000	\$500



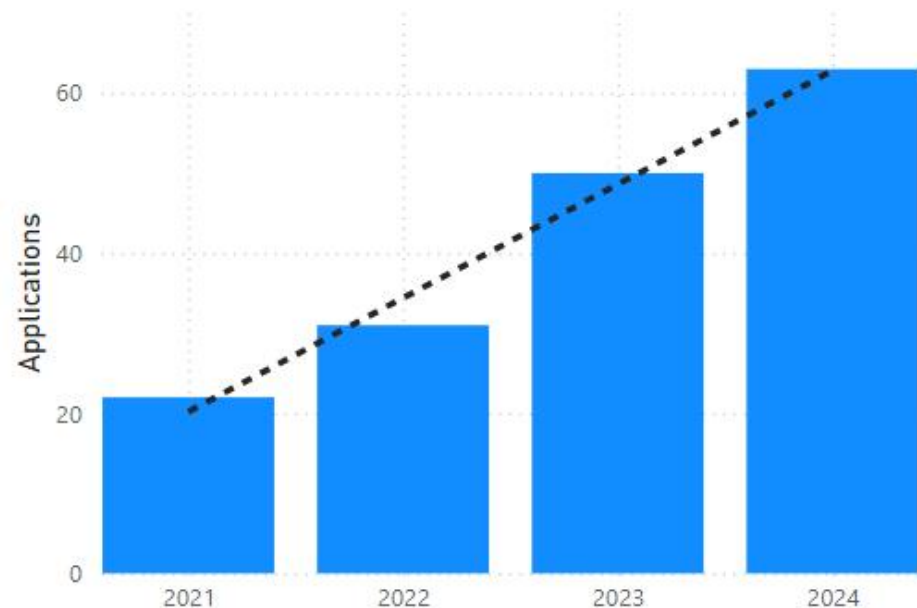
Homeowners must live in Priority Retrofit area.

3 ways to apply: work with an FLP, complete a Home Assessment, or complete E-Learning

Examples of Rebate supported projects

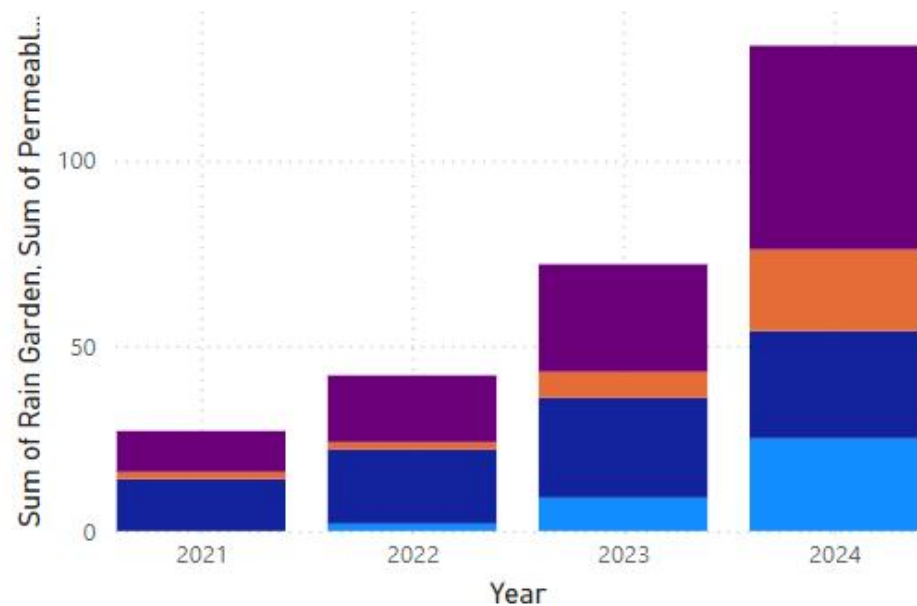


Applications by Year



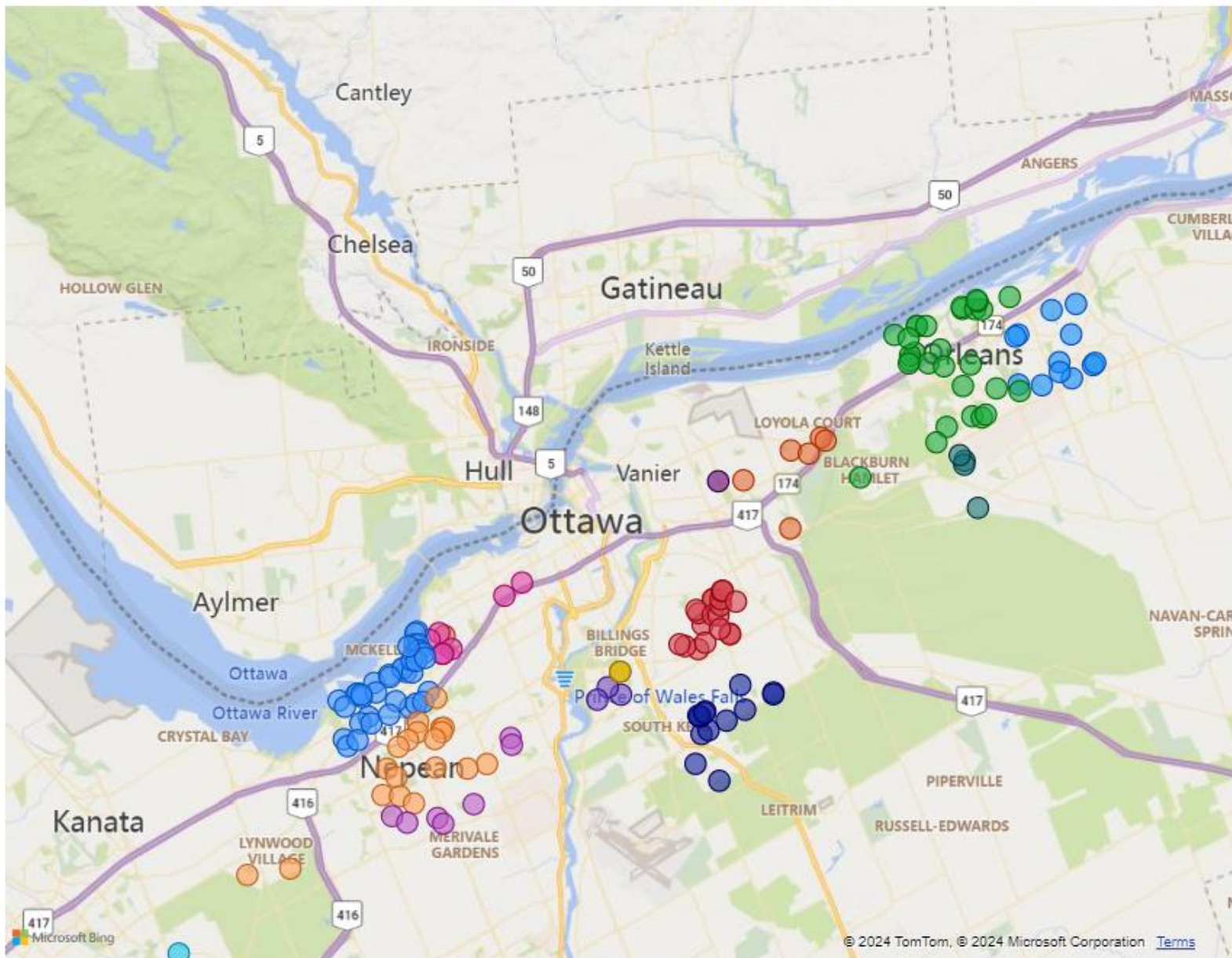
Number of Projects and Types Annually

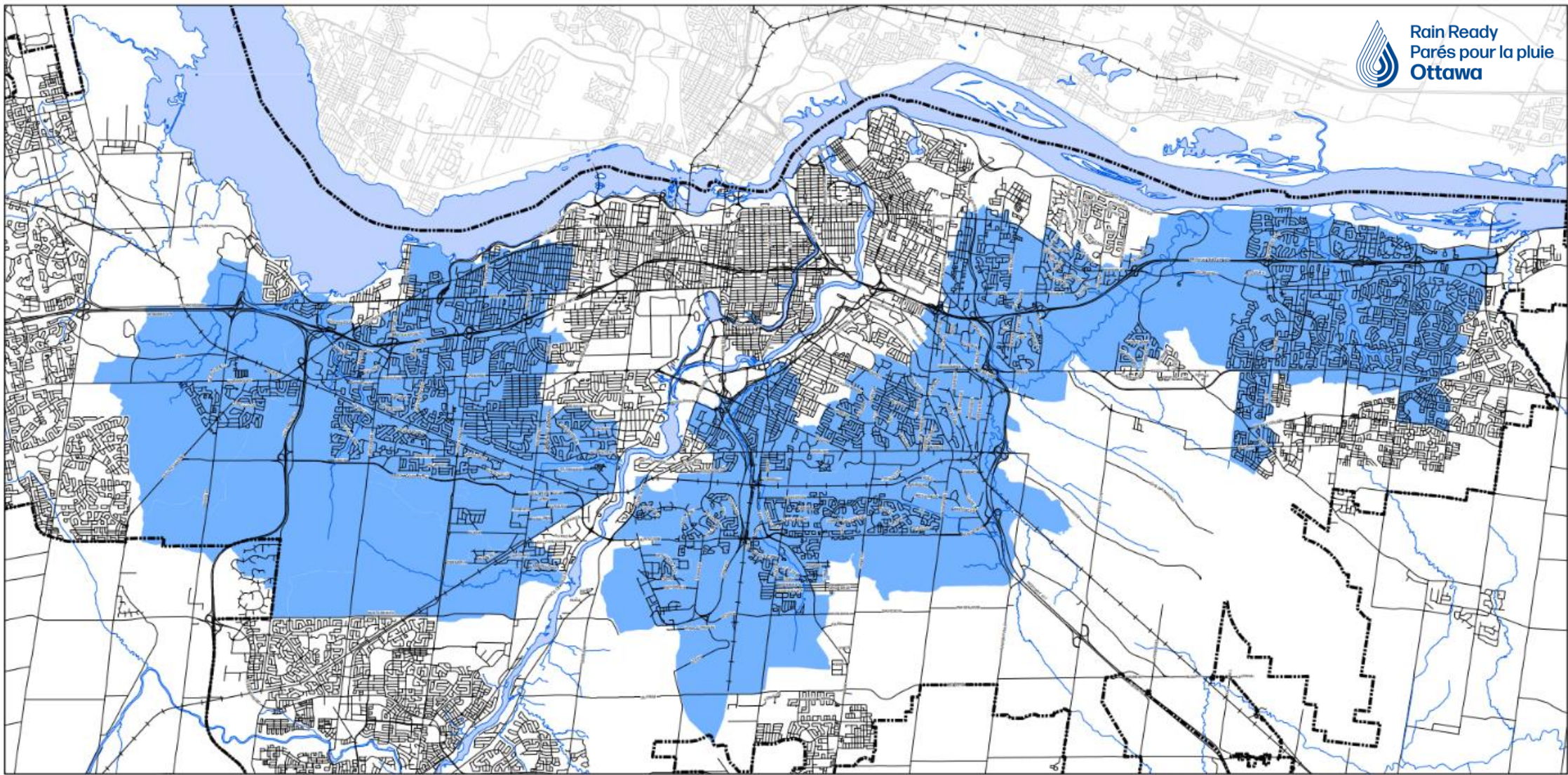
● Sum of Rain Gar...
 ● Sum of Perme...
 ● Sum of Soak...
 ● Sum of Do...



Address and Ward

● Ward 1
 ● Ward 10
 ● Ward 11
 ● Ward 13
 ● Ward 15
 ● Ward 16
 ● Ward 17
 ● Ward 18
 ● Ward 19
 ● Ward 2





Rebate Eligible Area/
Zone admissible au rabais

Urban Boundary /
Périmètre d'urbanisation

Rain Ready Ottawa - Rebate Eligible Area/
Parés pour la pluie Ottawa - zone admissible au rabais

Manordale Park Rain Garden





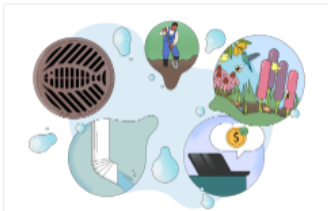
Rain Ready Parés pour la pluie Ottawa

Learn more about Rain Ready Ottawa

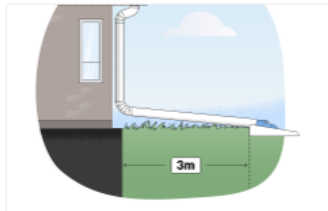


Enroll in our eLearning courses on Rainwater Management

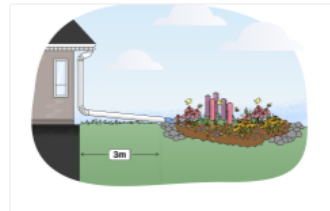
With these courses you can learn more about stormwater management issues and the actions you can take at home to better protect your property, protect the Ottawa River, and help make Ottawa a rain ready city.



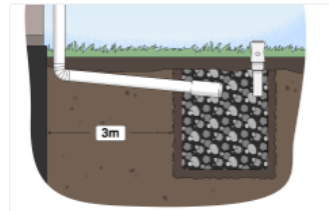
Introduction and ... (RR0-001)



Downspout Redirec... (RR0-002)



Rain Gardens (RR0-003)



Soakaway Pits and... (RR0-004)

eLearning program

Free, online, bilingual courses where residents can learn all about rainfall management and projects you can do at home to become more rain ready.

Four courses focusing on:

- Stormwater in Ottawa.
- How to redirect your downspout.
- How to create a great rain garden.
- How to install a soakaway pit.

Sign up now at:

<https://rain-rainreadyottawa.talentlms.com/>

Key Lessons

- Utilizing a multi-faceted approach can lead to private action on SWM.
- Building industry relations creates buy-in and effective leveraging of third-party resources.
- Residents are interested in and willing to retrofit onsite SWM. Rebates are succeeding in incentivizing installations.
- Outreach activities are a key part of reaching residents and driving engagement with RRO resources.
- Demonstration projects build community awareness and contribute to public property retrofits.



Questions?

For more information on Rain Ready Ottawa and rebates visit: ottawa.ca/rain.

Contacts

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