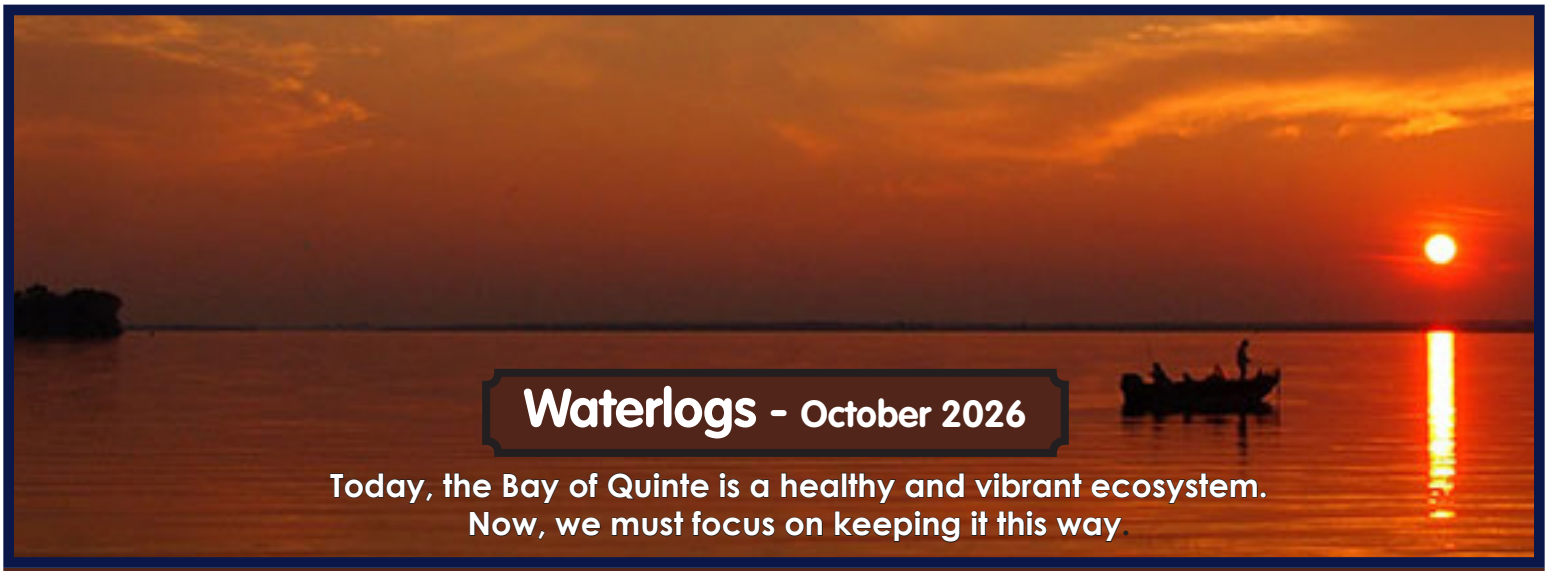
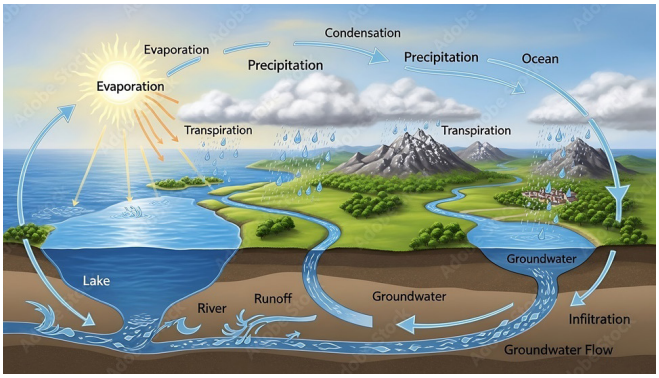


Waterlogs - October 2026

Today, the Bay of Quinte is a healthy and vibrant ecosystem.
Now, we must focus on keeping it this way.

A STRONG FOUNDATION



Hydrologic cycle

What's an "ology" - It's a science or other branch of knowledge.

Some examples relevant to the Bay of Quinte are: **limnology** - the freshwater science, is the study of inland waters. It covers the biological, chemical, physical, geological, and other attributes of all inland waters: **ornithology** - the branch of zoology that deals with the study of birds; **ichthyology** - the branch of zoology devoted to the study of fish; **hydrology** - the scientific study of the properties, distribution and effects of water on the earth's surface, in the soil, underlying rocks and atmosphere; **ecology** - the scientific study of the relations that living organisms have with respect to each other and their natural environment; **climatology** - the study of the climate

All these areas of scientific study have been used to ensure the Bay is meeting the goals set out in its Remedial Action Plan. Every year, different agencies are out on the Bay monitoring, researching, and analyzing various components of the ecosystem. Everything from fish populations and habitats, to underwater bugs, to phosphorus levels and its sources. All this information ensures the Bay is protected and maintained as a healthy and vibrant ecosystem, thereby enhancing everyone's enjoyment of the resource for the long-term.

The Bay of Quinte is fortunate to have one of the largest data sets in the Great Lakes system.

One of the main contributors to this was Project Quinte, a co-operative multi-agency research and monitoring project between the federal (Department of Fisheries and Oceans, Environment and Climate Change Canada) and provincial (Ministry of Natural Resources, Ministry of the Environment, Conservation, and Parks) governments. Launched over 40 years ago, it ran from 1972 - 2018. It was invaluable to the Remedial Action Plan, contributing long-term data that was used to produce comprehensive assessments of the status of several of the environmental challenges identified for the Bay.

However, Project Quinte is only one of many research and monitoring programs that have contributed to the scientific understanding of the Bay's diverse ecosystem. Over the years, numerous federal and provincial agencies, local conservation authorities, and academic institutions have all made valuable contribution to the Bay's data bank.

Essentially, the Bay of Quinte has been a living laboratory with on-going research and monitoring programs studying virtual every aspect of the ecosystem. Having this type of extensive data ensures when decisions are made about changing the status of the environmental challenges or when the times comes to remove the bay from the Areas of Concern list, it is done with a strong scientific knowledge and understanding of the ecosystem.

Today, monitoring continues to ensure the Bay remains a healthy and vibrant ecosystem.

PRAIRIE STRIPS



Here is a great idea to help with erosion and support pollinators.

Prairie strips reduce soil erosion and nutrient loss, while improving water quality and wildlife habitat. Farmers have many options as to where to plant them. Our funding criteria will support establishment along waterways, or where erosion is impacting water quality.

Prairie strips incorporate a mixture of native plants and grasses. They develop a phenomenal roots system that helps prevent erosion due to water runoff. As well as, providing food and habitat for pollinators.

Examples of native plants and grasses planted in the strips include black-eyed Susans, asters, goldenrod, Canada wild rye, big bluestem, switchgrass, milkweed, golden Alexander, bee balm, cup plant, butterfly weed, lupine and purple prairie clover.

Here are articles that detail the benefits of establishing prairie strips:
Prairie Strips

We have a grant that can help you establish these prairie strips.
Rural Stewardship

HEALTHY FARMS & HEALTHY ECOSYSTEMS GO TOGETHER



There's still time before freeze-up Now, is a great time to book your free site visit.

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Rural Stewardship Program