



Waterlogs - September 2022

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

HOW WILL WE GET THERE?

This month's newsletter continues to outline important aspects of the Phosphorus Management Plan for the Bay of Quinte.

The Long-term Phosphorus Management Plan will guide actions to achieve the desired water quality in the Bay and protect it for future generations. The goal is to restore and maintain the Bay to a healthy and sustainable condition for the long term by reducing the risk of harmful algae blooms, while maintaining the sustainable fisheries in the Bay. The plan is to be based on (a) best available science and modelling studies, and (b) the best available technology for wastewater and stormwater treatment, (c) a watershed based adaptive management approach (d) review and update of the plan will be based on advances in Best Management Practices, science, and technology, and (e) the adoption of long-term targeted stewardship initiatives.



The appropriate provincial and federal agencies should review their current legislation to better protect water quality e.g., inspections for septic systems, fish habitat, winter manure spreading.

Adaptive Management

The plan will rely on a watershed based adaptive management approach with regular review and update based on advances in Best Management Practices, science, and technology.

Adaptive management is a formal, systematic, and rigorous approach to learning from the outcomes of management actions, accommodating change and improving management. It involves synthesizing existing knowledge, exploring alternative actions and making explicit forecasts about their outcomes. Management actions and monitoring programs

will be carefully designed to generate reliable feedback and clarify the reasons underlying outcomes. Actions and objectives will then be adjusted based on this feedback and improved understanding. In addition, decisions, actions, and outcomes will be carefully documented and communicated to others. To be effective, adaptive management requires a commitment to learn and adjust, assign adequate resources (e.g., for monitoring and data analysis), and access to necessary expertise.

Long-Term Implementation Framework

A Long-Term Phosphorus Management Plan for the Bay of Quinte relies on a tiered approach to management actions, an ongoing commitment to education/outreach, and voluntary stewardship initiatives. The plan also relies on long-term research, innovation, and monitoring for its updates.

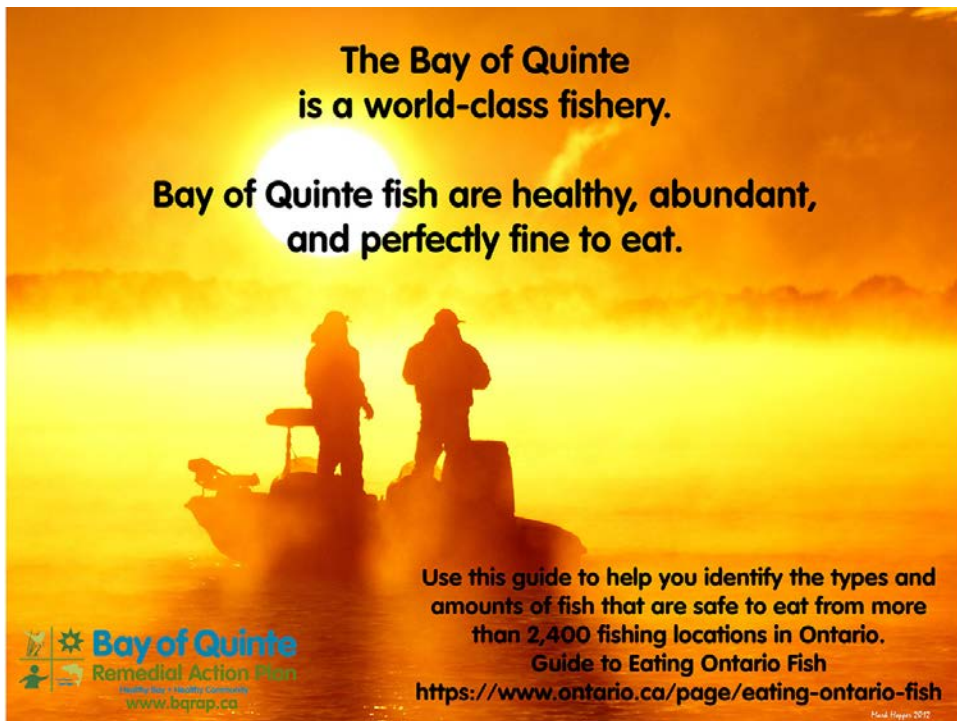
[Draft discussion paper](#)

www.bqrap.ca

In partnership locally with Lower Trent Conservation and Quinte Conservation

GUIDE TO EATING ONTARIO FISH

You can use this guide and the interactive map to help you identify the types and amounts of fish that are safe to eat from more than 2,400 fishing locations in Ontario including the Bay of Quinte.



**The Bay of Quinte
is a world-class fishery.**

**Bay of Quinte fish are healthy, abundant,
and perfectly fine to eat.**

Use this guide to help you identify the types and
amounts of fish that are safe to eat from more
than 2,400 fishing locations in Ontario.
Guide to Eating Ontario Fish
<https://www.ontario.ca/page/eating-ontario-fish>

**Bay of Quinte
Remedial Action Plan**
Healthy Bay - Healthy Community
www.bqrap.ca

Mark Papp 2012

Learn how to choose and prepare fish to reduce contaminants. Fish can be an important part of a balanced diet. They are a great source of high-quality protein, beneficial omega-3 fats, and other nutrients. At the same time, there is a risk of exposing ourselves and our families to harmful contaminants in fish, such as mercury. Based on their size, type, and location, certain fish may be more suitable to eat than others.

The Guide to Eating Ontario Fish provides easy-to-use information to help choose fish caught from Ontario lakes and rivers to minimize exposure to toxins. Consumption advice in the guide is based on guidelines provided by Health Canada.

Guide to Eating Ontario Fish
<https://www.ontario.ca/page/eating-ontario-fish>

SEVERAL SIGHTINGS HAVE BEEN REPORTED OVER THE PAST MONTH.



Water Soldier is spreading in the Bay of Quinte. Since, last month there have been several reported sightings. This invasive species will have devastating consequence for the Bay's ecosystem, fishery, and recreational activities. Potentially, causing hefty financial implications for municipalities and tourism operators.

What can you do to help stop the spread? Fishermen, recreational boaters and shoreline property owners can learn to identify the plants and report any sightings. When out on the water, fishermen and boaters should avoid infested areas, reduce boat speeds so the wake doesn't dislodge plants and offsets, and inspect their boat, trailer, and equipment to ensure they don't move the plant to another waterbody.



Everyone is asked to report any sightings of Water Soldier to **1-800-563-7711** or visit **EDDMaps Ontario**, or search for the 'Invasive Species in Ontario' project on **iNaturalist.org** to report a sighting.

You can find out more about water soldier at <http://www.invadingspecies.com/invaders/aquatic-plants/water-soldier/>.

BEFORE THE SNOW FLIES

This is a great time of year to complete all those summer projects you just haven't had time for.

Septic - Before freeze up, get your septic tank pumped out for free. If you live on the Bay of Quinte shoreline or up to 10 kms up a major tributary on the shoreline. Regular maintenance can add years to the life of your system, saving you costly repairs and protecting the local environment. <https://www.bqrap.ca/get-involved-learn/be-septic-savvy/>

Livestock Fencing - Complete your livestock fencing this fall and you won't be rushing around next spring when it starts to get crazy busy - <https://www.bqrap.ca/get-involved-learn/rural-stewardship/>

Cover Crops - Establishing a cover crop this fall will help keep soil on the fields by reducing erosion issues in the spring. <https://www.bqrap.ca/get-involved-learn/healthy-soils-program/>

Soil Testing - Get your Free soil test this fall and you will have a jump start on spring planting. With the high cost of fertilizer, you want to make sure you're not wasting your money or time adding more than you need for optimal productivity. <https://www.bqrap.ca/get-involved-learn/healthy-soils-program/>

Before the snow flies!

It's a great time of year to complete those projects you've been putting off all summer.

- get your **FREE** septic tank pump out

- complete some livestock fencing grant rate 75% up to \$7500,

- establish a cover crop grant rate \$30.00 per acre up to \$2500,

- get your **FREE** agricultural soil testing

For program details contact

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