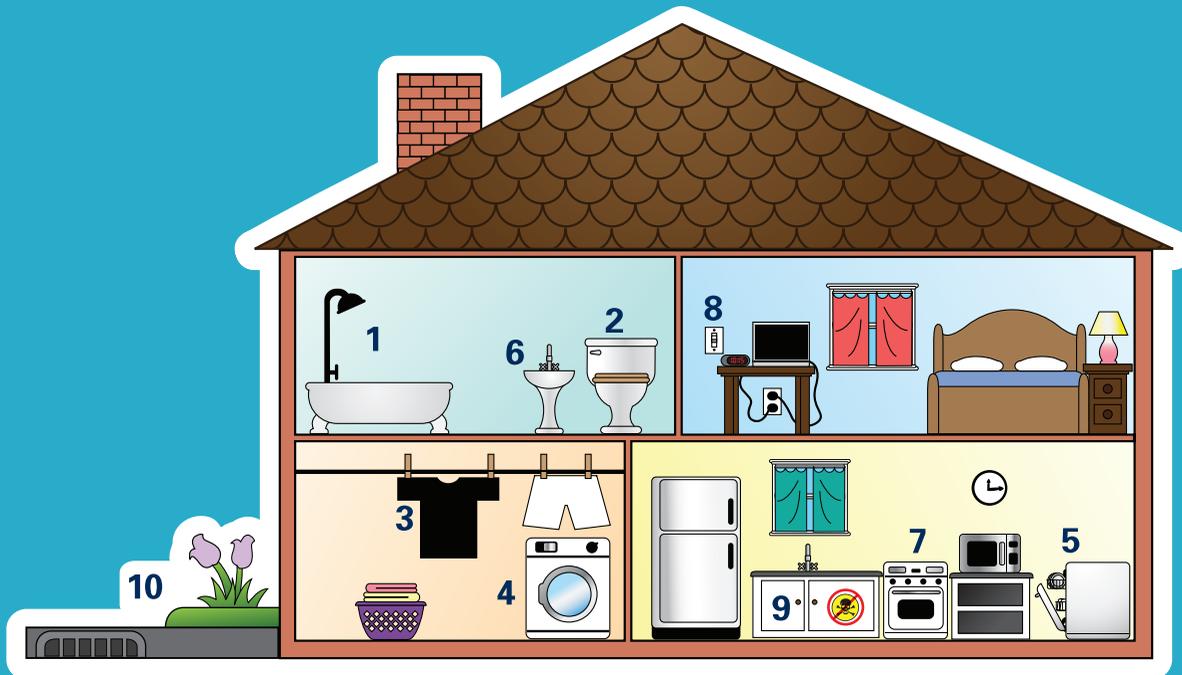


TOP 10 WAYS

to Protect the Great Lakes at Home!



1. Take shorter showers instead of baths
2. Install a low volume toilet using less water to flush
3. Put up a clothes line and avoid using the dryer
4. Make sure you have full loads of laundry before starting the machine
5. Fill the dishwasher before you start it
6. Turn off the tap when brushing your teeth or washing your hands
7. Replace energy draining appliances
8. Don't leave the lights or computers on when not in use
9. Avoid using cleaning products with harmful chemicals
10. Don't use fertilizer or pesticides - everything washes down the storm drains

Keep our Great Lakes Clean!

The Great Lakes Program

- FREE & Bilingual
- Based on the Ontario Science and Technology Curriculum
- Offered to students across Ontario

Includes PowerPoint presentation, educational artefacts and question/answer session with a biologist in the classroom.

Questions and bookings?

Contact us

greatlakes@torontozoo.ca

Check out our website

www.torontozoo.com/tz/greatlakes

We've gone digital!

The GLP is now offered virtually.

E-mail us for more details.

Follow us!



@greatlakesprgm

@greatlakesprogram

VISIT Great Lakes fishes at the



IN PARTNERSHIP WITH:



Printed using eco-friendly materials.

Updated November 2020

Great Lakes Program



NOAA, Great Lakes Environmental Research Laboratory

American Eel
Pugnose Shiner
Silver Shiner
Lake Sturgeon
Redside Dace
Hickorynut Mussel
Pugnose Minnow
Atlantic Salmon



Great Lakes Program



American Fisheries Society

REDSIDE DACE
ENDANGERED

- Habitat: cool, clean rivers and streams of L. Ontario and L. Huron
- Leaps out of the water to feed on insects



NANFA

SILVER SHINER
THREATENED

- Distinguished by two black crescents between nostrils
- Threats: habitat loss, poor water quality



Todd Stailey

LAKE STURGEON
ENDANGERED (ON)

- Diet: small fishes, molluscs, crayfishes, insect larvae
- One of the largest freshwater fishes in North America



J.E. Swedberg

ATLANTIC SALMON
EXTINCT

- Land-locked (remain in L. Ontario watershed, do not go out to sea)
- Restocking program to increase population in L. Ontario



Konrad Schmidt

PUGNOSE MINNOW
THREATENED

- Named for its small, upturned mouth
- Males will guard the nest and eggs



Dave Zanatta

HICKORYNUT MUSSEL
ENDANGERED

- Uses Lake Sturgeon as fish host for larvae
- Threats include pollution and competition from zebra mussels



Garold W. Sneeegas

AMERICAN EEL
ENDANGERED (ON)

- Long migration (over 6,000km) to Sargasso Sea to spawn
- Threats: fishing, pollution, dams, large predators



Konrad Schmidt

PUGNOSE SHINER
THREATENED

- Scatter their eggs among plants in the water, instead of making a nest
- Sensitive to changes in their ecosystem

Great Lakes Program Species At Risk



i am important! i am protected!

Report mussel sightings with **Clam Counter**








Download the Clam Counter app to learn more about freshwater mussels and how to identify them! When you submit a finding, scientists at the Toronto Zoo and Fisheries and Oceans Canada can use your data to help keep mussels and their habitat safe!

Mussels are endangered!

- Ontario has 41 freshwater mussel species
- These invertebrates filter 9 L of water/hr to feed
- Mussels are considered an indicator species for healthy waters

INVADERS!



Photo Credit: Invasive Species Centre

Asian Carps

To prevent the spread of aquatic invasive species such as Asian carps and zebra mussels, don't transport bait, clean, drain and dry boats and equipment and report sightings on EDDMaps.

www.eddmaps.org/ontario