

Papineau Lake Conservation Area Kiosk

The North Bay-Mattawa Conservation Authority [NBMCA] recently completed the installation of an informative kiosk sign at the Papineau Lake Conservation Area. The lake is locally known as 'Sturgeon Lake'.

Funding in the amount of \$3,500 for the project was provided by the Greater Nipissing Stewardship Council from monies the council received from the Federal Department of Fisheries and Oceans as part of a court ordered settlement. The funds were to be spent on a restoration or educational type project in Papineau and/or Calvin Townships.

The information includes educational messaging as to why it is good to have buffer plantings near shorelines (riparian areas), such as improved water quality and fisheries habitat.

Examples of recommended native shrubs and trees species have been planted around the base of the kiosk for lake residents to consider in any shoreline or buffer planting they may undertake on their own properties.

For more about the NBMCA Papineau Lake Conservation Area – visit www.nbmca.on.ca

PROTECT YOUR NATURAL SHORELINE!

What's so great about a natural shoreline?

- Protects shorelines from erosion and reduces runoff which may contain unwanted or harmful pollution and nutrients, such as phosphorus, that contribute to the growth of blue-green algae.
- Protects the shoreline, creating habitat for fish, birds, animals and more!
- You can make it as natural or as landscaped as you like. Choose shrubs, trees and plants to preserve your view.
- Native plants for your shoreline include Sweet Gale, Red Deer Dogwood, Saskatoon Berry and many more! Take a look at the plants below!
- Protect our shoreline plants. Watch your footing!
- Visit www.restoreyourshore.ca for sample planting plans and plant suggestions.

NBMCA CONSERVATION AREAS & TRAILS

Map showing NBMCA Conservation Areas & Trails in Ontario and Quebec. Locations include: J.P. Wilson, Rosemary Shores, Kays Pine Mills, Larchmont, Ironstone Trail, Laverdon Equipment, Le Tour Forest, Hardschick Farm, Haines Road, Elmsville Station, Five Brothers Park, Elk Lodge Park, Haines Road, and Papineau Lake.

CONSERVE & ENJOY OUR WATERWAYS!

Keeping our watershed clean and beautiful means knowing how to 'boast smart'. Educate yourself and become an environmental champion on your lake.

- PRACTICE COMMON COURTESY:** Keep the noise down, be aware of the activities around your boat and respect both the people and the marine wildlife you're sharing the water with.
- LEAVE NO TRACE:** What you bring in take home with you. No garbage, no trace.
- KNOW YOUR WAKE:** Be aware of the effect of your boat's wake on the shoreline, on smaller boats and paddle craft, on swimmers and on marine wildlife.
- PRACTICE SAFE FUELING:** Take care when fueling a motorized boat. Spilled fuel in the water can have a devastating impact on the marine environment and water quality.
- REDUCE THE SPREAD OF INVASIVE SPECIES:** Always clean your boat before introducing it to a new waterway using environmentally-friendly marine detergent. ontariococonservationareas.ca/boat-clean

WELCOME TO PAPINEAU LAKE CONSERVATION AREA.

- Also known as Sturgeon Lake
- In Papineau-Cameron Township
- 14 Acres
- Papineau Lake is a 563 acre cold water lake. Its deepest point is 24.4 metres (80 ft) with a mean depth of 9 metres (30 ft), making it an ideal habitat for Lake Trout.
- It's a "mesotrophic" lake. "Trophic" means nutrition or growth. A eutrophic (well-nourished) lake has high nutrients and high plant growth. An oligotrophic lake has low nutrient concentrations and low plant growth. Mesotrophic lakes fall somewhere in between.

CONSERVATION AREA SAFETY TIPS

- Be bear aware. Take your garbage with you.
- No firearms on duty, swim at your own risk.
- Wear proper footwear.
- Closed from dusk till dawn.

FACILITIES

- Parking
- Picnic Area
- Swimming
- Canoing
- Fishing
- Wildlife Viewing
- Pets on Leash
- Poop and Scoop
- Boat Launch

PERMITTED USES

LEGEND

- Conservation Area Boundary
- Boat Launch Area

NOTICE • No open fires • No consumption of alcohol • No motorized vehicles • No excessive noise • No camping • No removal of vegetation • No dumping • No hunting

"TD TREE DAYS 2013"

TD Friends of the Environment



The TD Friends held their annual tree plant on Saturday, September 14, 2013, 9:00 a.m. at the start of the Chippewa Creek EcoPath (where the creek drains into Lake Nipissing). A total of 15 hardwood trees were planted by approximately 25 volunteers on both sides of the creek. The potted trees (15 gallon pots) consisted of 4 silver maple, 3 red maple, 4 sugar maple, 2 red oak and 2 burr oak.

This project is the latest in a series of planting projects that have carried out along several sections of Chippewa Creek over the past 5 plus years, right up to where the creek crosses Airport Road. The key goal is to provide for erosion control, protect the cold-water feature of the creek and enhance the overall recreational experience for users for both the ecopath and the Kinsmen Trail.

Project funding was provided by Tree Canada and carried out in partnership with The Greater Nipissing Stewardship Council and the invaluable support of Nipissing Botanical Gardens, the North Bay - Mattawa Conservation Authority, Eagle Tree Service and the City of North Bay - Parks & Recreation Department.

Lake Nipissing Research Conference

December 5, 2013



A Stewardship Council representative attended the Lake Nipissing Research Conference, hosted by Nipissing University, which provided an opportunity to share ongoing research in the watershed and develop a strategic research plan for the lake.

The conference grew out of, and will inform the Lake Nipissing Summit, which has been held each spring for the past three years.

The Lake Nipissing Research Conference featured a series of presentations on issues of water quality, the hydrology and environmental history of the watershed, bioindicators of change, and visualizing of scientific data. Some of the presentations includes:

- Mapping Water Movement in the Lake Nipissing Watershed using Water Isotopes (Krystopher Chutko and Brittnay Rundle, Watershed Analysis Centre, Nipissing University);
- Revisiting the Lake Nipissing Environment Map (Kirsten Greer, Assistant Professor, Geography and History at Nipissing University); Phosphorus in the Wasi watershed/Callander Bay system (Sue Miller, Source Water Protection, North Bay — Mattawa Conservation Authority); and
- Cyanobacteria Blooms in the West Nipissing Region (Greg Ross, Associate Dean of Research at the Northern Ontario School of Medicine).



2013 - 12th ANNUAL USED HOUSEHOLD BATTERY COLLECTION COMPETITION



NORTH BAY - Over 2,300 high school students from 7 area high schools took part in this year's annual competition. A grand total of 2997.9 kg (over 5,066 lbs.) of all types of household batteries were collected over an 8-week period in April and May.

This year's prizes went to the top 3 schools that collected the greatest weight of used batteries per student. Prizes ranged from \$400 to \$300, with each participating school receiving \$100.

This year's winners are...

Greatest Total Weight/Student

F.J. McElligott Secondary School	8.1 kg/student
École Secondaire Publique Odyssee	2.4 kg/student
Nbisiing Secondary School	2.3 kg/student

The other participating schools included: St. Joseph-Scollard Hall, Northern, West Ferris and Widdifield.

The competition was co-organized by the Stewardship Council, Nipissing Environmental Watch and Greening Nipissing. Since its inception over 44,797 kg of dead batteries have been diverted from local landfill sites.

Batteries are a key source of hazardous waste that contain heavy metals and other chemicals such as acid, cadmium, mercury, copper, zinc, lead, manganese, nickel and lithium – all of which are very harmful to the environment.

The continuation of annual competition is currently under review due to funding and an overall decrease in school participation. However, the organizers are confident it will continue to have a positive impact on local recycling efforts.

Individuals can drop off their household batteries and other hazardous materials year-round at the City of North Bay's Recycling Depot.

2012 – 11th ANNUAL USED HOUSEHOLD BATTERY COLLECTION COMPETITION

NORTH BAY - Over 2,800 high school students from 7 area high schools took part in this year's collection competition. A grand total of 3,518 kg (over 7,700 lbs.) of all types of household batteries were collected over an 8-week period in April and May.

This year's prizes went to the top 3 schools that collected the greatest weight of used batteries per student. Prizes ranged from \$400 to \$300, with each participating school receiving \$100. An additional prize went to the school that generated the highest weight.

This year's winners are...

Greatest Total Weight/Student

F.J. McElligott Secondary School – 7.4 kg/student

Nbisiing Secondary School – 4.5 kg/student

École Secondaire Publique Odyssee – 2.9 kg/student

Greatest Total Weight

St. Joseph-Scollard Hall Catholic Secondary School – 1,295.5 kg

The other participating schools included: Northern, West Ferris and Widdifield.

The competition was co-organized by the Stewardship Council, Nipissing Environmental Watch and Greening Nipissing and was once again generously funded by TD Friends of the Environment Foundation.

Over the past 10 years over 42,500 kg of dead batteries have been diverted from local landfill sites. Batteries are a key source of hazardous waste that contain heavy metals and other chemicals such as acid, cadmium, mercury, copper, zinc lead, manganese, nickel and lithium – all of which are very harmful to the environment.