



... FOR THE SAKE OF WATER QUALITY AND THE FISHERIES RESOURCES ON MANITOULIN ISLAND AND THE GREAT LAKES THAT SURROUND IT

*Manitoulin Streams Improvement Association is a grass roots, registered Canadian charitable organization that is focused on large scale, community-based efforts to rehabilitate aquatic ecosystems on Manitoulin Island, in central Ontario. We bring the entire community together to do this via joint, private and public driven initiatives. Our efforts rehabilitate and enhance water quality and the fisheries resource on Manitoulin Island and Lake Huron which is fed by the streams.*

## **What's inside**

- Central Manitoulin Dredges Mindemoya River
- Phragmites Results
- Fall Harvest with KTEI in M'Chigeeng
- Kagawong Tree Plant-C.C. McLean
- Manitowaning Fall Fair
- Misery Bay Universal Trail
- Little Current Public-School tours Kagawong
- Manitoulin Streams AGM
- Harvest Glory Day Fun Challenge
- Kagawong Restoration 2018
- MSS Grade 12 Tours Kagawong
- Electro-fishing with College Boreal
- Youth Trappers Course
- Brook Trout Eyed Egg Event
- Funders and Sponsors

## Central Manitoulin Dredges Mindemoya River

Every year Central Manitoulin takes part in dredging the mouth of Mindemoya River to open up the area for spawning salmon. Sometimes high winds cause the mouth to close up more than once and permits are attained by Manitoulin Streams to continue the work. We'd like to thank Central Manitoulin for their efforts in this partnership, and the local people that keep us posted on when this is needed.



## Phragmites Results

Wonderful progress on phragmites removal on the island was accomplished by Judith Jones and the Manitoulin Phragmites Group. There are currently 57 sites where Phragmites is under control or eradicated. 12 sites from 2016 & 17 that needed no action in 2018. Phragmites is under control across south shore from South Bay Mouth to Mississagi Lighthouse except for Blue Jay Creek, Carroll Wood Bay and Burnt Island Bay. We encourage all property owners to contact Judith if you require assistance with phragmites removal and to get involved!



## KTEI Fall Harvest in M'Chigeeng

Can this event be any better? We don't think so! Hats off to KTEI Staff and students for their amazing efforts at hosting another Fall Harvest Event. This cultural extravaganza was well received and happily explored by not only local island residents but off island schools including Owen Sound and Sudbury. This is definitely a place of harmony, education and full bellies from all the free samples. Manitoulin Streams is a highlight for all the kids and adults attending that want to learn about our conservation work, invasive species and other educational information.



## Kagawong Tree Plant with C.C. McLean P.S.

Alongside restoration efforts on the Kagawong river, we had the students from Gore Bay come help plant a variety of trees and shrubs to create riparian habitat. We had a great educational talk about our restoration efforts and a walk up the river. The kids were very enthusiastic and we love when that happens! We had mounds of fun with them. We thank all the other volunteers that showed up to take part also.



## Manitowaning Fall Fair

A lot of people came out to the Manitowaning Fall Fair this year and Manitoulin Streams was able to have a booth to provide educational information and trees for the public to plant during the beautiful fall season.



## Misery Bay Universal Trail

Manitoulin Streams was more than happy to lend a hand (or in this case 4 hands) to help work on the universal trail expansion at Misery Bay. Liam and Maria from Manitoulin Streams spent many hours hauling rocks and building structures to help reach the completion of this project.

We encourage everyone to go to Misery Bay and check out this unique Provincial Park! Check out this link to the Expositor story; <https://www.manitoulin.ca/universal-access-trail-at-misery.../>



## Little Current Public-School Grade 8 Class Tours Kagawong

It was a chilly pre-winter day touring Kagawong River with the grade 8 class of Little Current Public School. We planted more trees along the river and did an educational walk up (and down) the stream. Many salmon were still on route to spawn and many had died, showing the circle of life as intended for these amazing creatures. This group was extremely quiet and well behaved showing much interest and participation on this adventure. It is always a fun tour providing ample business to the local chocolate store. (some pictures courtesy of Little Current Public School)





## Annual General Meeting

On Thursday Oct 17 we held our AGM in Sheguiandah. A decent turnout showing good support with great participation. The board will remain as current with Therese Trainor as Treasurer, Algis Tribinevicius as Secretary, and Delmer Fields and Neil Debassige remaining as Directors. John Gunn from Laurentian University attended and gave a very informative talk on the disappearance and re-introduction of the Aurora trout, the turning point for Sudbury's contribution in reducing pollution as well as the concerns of the remaining polluted water bodies.

Seija Deschenes also gave an update of the current restoration and educational work that Manitoulin Streams has completed for this year. The group from Sheguiandah Seniors hall once again did a fantastic job feeding our crew this year.



## Kagawong Restoration 2018

We completed our restoration work at Site KAG 172 & 174 on the Kagawong River. This site is at a high visibility location at the mouth of the river. The following is the restoration work that has taken place.

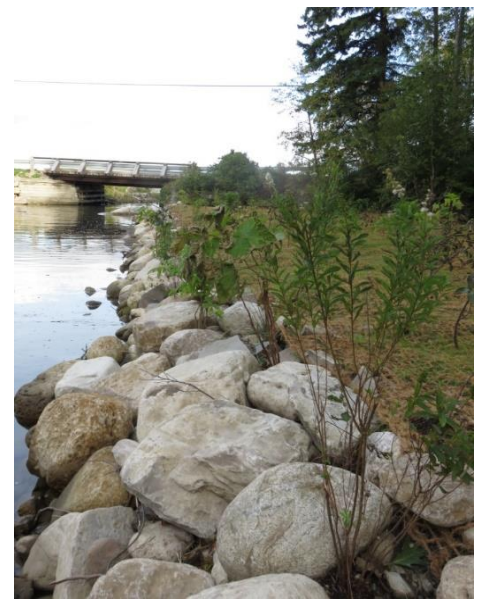
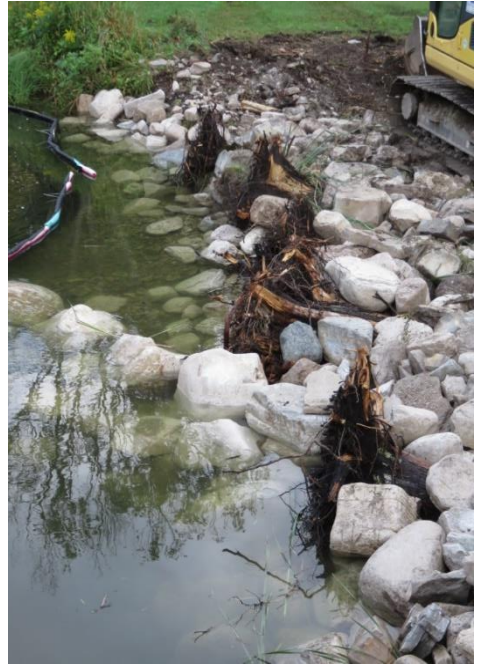
- The island in the centre of the river was removed that was created by sediment deposition. It was causing erosion near the bridge abutment.
- Root wads were installed to prevent further erosion and they provide fish and invertebrate habitat.
- Two vortex weir's were installed to create pools and clean sediment from the spawning habitat. They also help to direct the flow into the center of the stream.
- 927 trees and shrubs were planted with the help of the Gore Bay Fish and Game Club, C.C. McLean grade 4-5 class, Little Current P.S. and many wonderful volunteers.
- Coconut coir matting was installed and seeded. Two culverts were replaced along the walking trail to prevent erosion. Large boulders were installed along corner bends of the river.
- A viewing platform was installed to watch the salmon spawning and to view the beautiful stone carving by Michael Belmore entitled "Replenishment".

Thank you to the Township of Billings, all our funding partners and everyone that helped out!



Before pics of KAG 172 & 174









## Harvest Glory Day Fun: Manitoulin Streams' Entry

Manitoulin Streams was excited to participate again this year in the Harvest Glory Days contest. Our handsome pumpkin fishing guy and his turkey sporting the sign "Eat more fish" was well received by the Community.



## MSS Tours Kagawong

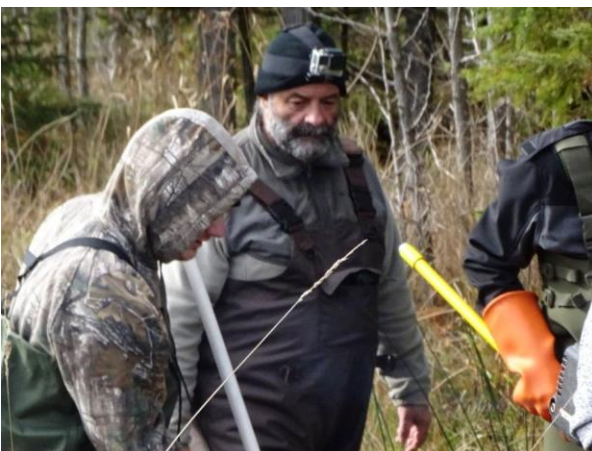
An amazing day with Nick Harfield's grade 12 Science class. A lovely lunch provided for us at the Main Street Café then off to the Kagawong River for a talk on the restoration work we have completed and a tour up to the falls. A great class getaway, nature, exercise, chocolate it just doesn't get better then this!





## Electro-fishing with College Boreal

Last week, we connected with College Boreal to complete electro-fishing assessments on our stream restoration projects. These assessments help identify species near the sites either before or after stages of restoration. For most of these students, our projects are their first hands-on attempt at electro-fishing. This partnership not only helps them further their education, it also helps with gathering baseline information we would otherwise have to hire a consulting company for. Andre stated that they found the most brook trout in Norton's Creek compared to all the previous years surveyed. Thank you to Andre, Kevin, JC and Simon for assisting us!





## Youth Trappers Course

Manitoulin Streams has hosted another trappers course led by George Hagen and Gino Cacciotti, both experienced licensed trappers. This year we were able to offer a co-ed course since our summer student Maddy Lovelace had offered to chaperone. The kids were busy trapping, skinning and completing educational portions required to apply for an Ontario Trappers License. Once completed they have the option to apply to the Ministry to receive their license, and will be given a full trappers kit from Manitoulin Streams upon proof of license obtained. Thank you to the OFAH Zone D for their donation toward this sponsorship.



# Brook Trout Eyed Egg Event

Looking for volunteers to come out to our Brook Trout Eyed Egg Event on December 7<sup>th</sup> at 9:30 at the Hutton's Garage on Bidwell Road. We have 10,000 brook trout eggs that have to be placed into the Scotty Boxes. Everyone is welcome!



## A Special Thank you to our Funding Partners and Volunteers for 2018-19

A gentle reminder to let you know that if you want to support Manitoulin Streams' efforts we can offer charitable receipts for donations gifted to our organization

Local landowners and donors	Loblaws Water Fund
Little Current Fish and Game Club	Vale – trees
United/Gore Bay Fish and Game Club	Little Current Lions Club
Fur Institute of Canada	Patagonia World Trout Foundation
Sudbury Game & Fish Protective Assoc.	Great Lakes Guardian Fund
Manitoulin Nature Club	Canada Summer Jobs Program
OFAH Zone D	Northern Ontario Heritage Fund Corp.
United Walleye Club	Municipality of Central Manitoulin
Lake Manitou Area Association	Eco-Canada
LaCloche Ecological Services – Bob Florean	Township of Tehkummah
Manitoulin Transport	Township of NEMI
Great Lakes Guardian Community Fund	Township of Assiginack
M'Chigeeng First Nation	Town Gore Bay
Casson Dentistry	Township of Billings
Wiikwemkoong First Nation	Echo Foundation
Ramakko's Source for Adventure	MNRF-Canada Ontario Agreement
Laurentian University	MNRF – Ontario/Stewardship Rangers
College Boreal	Arthur Berry donation
Kenjgewin Teg Educational Institute	
OCCIAR- Mining Innovation, Rehabilitation, and Applied Research Corporation (MIRARCO)	
Recreational Fisheries Conservation Partnership Program	

**Manitoulin Streams Coordinators Seija Deschenes & Susanne Meert**

Manitoulin Streams 25 B Spragge St. Box 238 Manitowaning, ON P0P 1N0

Ph: (705) 859-1653 Fax: (705) 859-3010

Visit our Website: [www.manitoulinstreams.com](http://www.manitoulinstreams.com)

Email: [streams@amtelecom.net](mailto:streams@amtelecom.net)