



... 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, non-profit 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

Assiginack Day Camp Wilderness Awareness/Kagawong Summer fest .....	pg 2
Hawewater Weekend.....	pg 2
Kicking Mule Ranch with 60 Girl Guides from Toronto Area.....	pg 3
M'Chigeeng Family Day/ .....	pg 3
Wikwemikong Students at KMR Country Fest Weekend.....	pg 4
Kagawong River Restoration Projects.....	pg 5
Partnership with 4Elements Living Arts & Michael Belmore.....	pg 9
M'Chigeeng Creek Restoration with Lakeview School.....	pg 10
Grimesthorpe Creek Restoration.....	pg 12
Mindemoya Market.....	pg 13
Manitoulin Streams Lottery Draw/ Dredging of Providence Bay/Fall Harvest.....	pg 14
AGM/Norton's Creek/Funding & Contributors.....	pg 15-16

## Assignack Day Camp Wilderness Awareness

On July 14 Sue Meert of Manitoulin Streams led the camp in an exciting Wilderness Awareness and Tree Plant at Norton's Creek. Several kids took part in this adventure which included shelter building, survival awareness, wildlife information and tree planting. It was exciting to discover bear scat on the adventure; thankfully no bear encounters took place.



## Kagawong Summerfest

We were happy to be a part of the Kagawong Summerfest this year and provide an educational stream information table and tours to those attending the festival. It provided us the chance to discuss the upcoming rehabilitation of the Kagawong River. There were many happy supporters and environmentalists that took part in restoration discussions as well as local vendors making this event a success.



## Hawewater Weekend

We had another great year during Hawewater weekend. Many trees, raffle tickets, hats and birdhouses sold and information given out to the public about invasive species. Many great people were excited to find out about upcoming projects. Even though we were

rained out on the Sunday, the weekend was still a success. Thanks to Lynn Hughson for providing blocks for our shelter tent, so we didn't blow away!



## Kicking Mule Ranch Hosts 60 Girl Guides from Toronto Area

Thanks to KMR for having us at this busy event. These girls were earning badges for many aspects of their memberships including environmental connection. Ranging from ages 14 to 18, they all had a great time learning about how invertebrates can be good indicator of water quality, how to be a good landowner along water as well as enjoying the horses, classes about how to ride them and care for them, crafts, bike safety and repair and much more.



## M'Chigeeng Family Day

Jesse Beaudin our Community Resource Stewardship Liaison went to the M'Chigeeng Family Day to provide awareness about invasive species and our youth hunter education and trapper course.



## Wikwemikong Students at Kicking Mule Ranch

Students from Wikwemikong P.S. enjoyed adventurous day learning about stream restoration that Manitoulin Streams completes, invertebrate studies, horse care and riding. Always a memorable visit for all the kids and adults. Willy from KMR has been an amazing partner for summer events.



## Country Fest Weekend

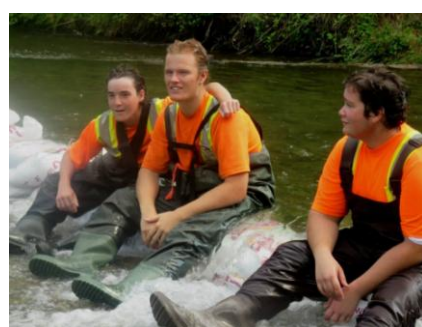
A great weekend at Country Fest 2015. Tickets were sold and feet were tapping to great Country music from Thursday to Sunday. Manitoulin Streams was kept very busy educating on invasive species and stream restoration work. All staff were involved in this 4 day event that was stated to be the busiest Country Fest weekend yet. Thanks to KT and all volunteers for a great time!



## Kagawong River Restoration Projects

This summer, 3 of our large scale stream restoration projects took place on the Kagawong River. We spent many hours cleaning up the garbage along the river and trail system pulling out mounds of metal. We found some historic relics, a whiskey bottle half full from 1873 which we donated to the museum.

The Ontario Stewardship Rangers from Windy Lake Provincial Park came up to help us out which we are grateful for. We then suited up in our waders to help start to build a cofferdam to divert the water down a different channel and slow down the water along the shoreline that we were restoring. Everyone worked hard loading up sand bags and transporting them by hand to the site. The lower part of the trail was closed off temporarily while the construction took place for safety reasons.



KAG 160





Thank you to United/ Gore Bay Fish and Game Club for the volunteers and use of their quads with trailers to transport the trees down the trail, 4Elements Living Arts and Manitoulin Streams volunteers that came out to help with the tree planting.

#### KAG 160 Accomplishments

- Enhanced 701.5 m<sup>2</sup> of riparian habitat
- Planted 642 shrubs
- Planted 411 cedar trees
- Planted 191 conifer trees MASC/MS nursery
- Repaired 841.5 m<sup>2</sup> aquatic in-stream fish habitat
- Installed 9 in-stream boulders to create 1 vortex weir
- Installed 72 in-stream boulders
- Installed 23 root wads
- Installed 1 wing deflector
- Improved river center and river edges (pools & root wads)

#### KAG 169





#### KAG 169 Accomplishments

- Enhanced 117 m<sup>2</sup> of riparian habitat
- Planted 214 shrubs
- Planted 282 trees
- Planted 53 conifer trees MASC/MS nursery
- Repaired 613.5 m<sup>2</sup> aquatic in-stream fish habitat
- Installed 29 large boulders creating 1 vortex weir
- Installed 6 large boulders creating 2 boulder clusters

#### KAG 170





#### KAG 170 Accomplishments

- Enhanced 56 m<sup>2</sup> of riparian habitat
- Planted 83 shrubs
- Planted 13 trees
- Repaired 378 m<sup>2</sup> aquatic in-stream fish habitat
- Installed 58 large boulders creating 1 island, 3 boulder clusters and also controlling erosion along west side of river bank

#### Partnership with 4 Elements Living Arts & Michael Belmore

This year, Manitoulin Streams moved toward a new innovative partnership with 4Elements Living Arts by bringing together the arts with our environmental efforts. Together we were fortunate to have Michael Belmore, an aboriginal artist from Thunder Bay, complete a residency here on Manitoulin Island. Michael carved 3 beautiful granite rocks in which one was placed into the Kagawong River providing in-stream habitat and offering a beautiful tourist attraction. A special thank you goes out to the Township of Billings for storing the rocks at their Township building, H & R Noble Construction for helping move the rock down to the River and Joly's Equipment Service & Supply Ltd for the seamless installation using their boom truck. We highly recommend everyone to go for a hike starting at the lower end of the Kagawong River to see these beautiful creations alongside our restoration work. 4Elements Living Arts this has been a wonderful experience!





## M'Chigeeng Creek Restoration with Lakeview School

We had a partly rainy week in M'Chigeeng as we embarked on another year of restoration work on the M'Chigeeng Creek. We had Lakeview School's Grade 8 students and the Sudbury District Stewardship Rangers out helping conduct a stream clean up, planting trees and placing spawning gravel and cobble along the creek to provide habitat for spawning salmon and rainbow trout. The students and our crews were all exhausted after a few days of challenging physical work. Great job!



M'Chigeeng Creek restoration crew with Lakeview Students and Youth Rangers



### M'Chigeeng Creek Accomplishments

- 30 yards (2 full dump trucks) of gravel & cobble mixture installed
- 452 linear meters restored/protected
- 2670m<sup>2</sup> of fish habitats/spawning grounds protected
- 300 trees planted
- 4 wing deflectors installed
- Removal of several trees which were impeding passage of fish migration

### Grimesthorpe Creek Restoration

In the third week of August we tree planted along the Grimesthorpe Creek to help create a riparian area. Fencing was installed to restrict livestock access and a livestock watering pad put in place. It poured all day but everyone was amazing and continued to plant the trees and shrubs. There was a lot of laughter going on while we were soaked by

all the rain. Trees had plenty of water! Thank you to everyone that came out and TD Friends of the Environment for the funds to buy the trees.





### Grimesthorpe Creek - S15 Accomplishments

- 276 trees planted through TD Friends of the Environment
- 251 trees provided by MASC
- 6841m<sup>2</sup> of riparian habitat enhanced and protected
- 275 linear meters of stream or 1020m<sup>2</sup> of in-stream protected
- 1 boulder cluster installed
- 282 linear meters of page wire fencing installed to restrict livestock from eroding the shoreline and defecating in stream
- 1 livestock ramp installed to provide one location for a water source.

### Mindemoya Market

We finally made it to one of the Mindemoya Market days. It was a busy day and we managed to sell a lot of tickets and hats. Thanks to Jan McQuay, for inviting us and offering complimentary coffee and cake, on this very pleasant day.



### Manitoulin Streams Lottery Draw

On Friday September 11, 2015 we held the draw for our 2015 lottery, the winners are as follows:

- 1) 14' Sportspal Canoe - Malcolm Debassige: ticket # 1326 Parry Sound, ON
- 2) Tikka .308 Firearm - Ron Prickett: Ticket # 0768 Sault Ste. Marie, ON
- 3) Shimano Rod/Reel - Cameron Brown: Ticket # 0578 Cobourg, ON

Thank you to everyone that bought raffle tickets to support our stream restoration efforts!

Manitoulin Streams would like to give a special thank you to Ramakko's Source for Adventure for donating these prizes!

### Dredging of Providence Bay

What a sight down at the mouth of the Mindemoya River! We were able to dredge the week of September 8<sup>th</sup>. There were a lot of fish waiting for us to open it up and move upstream to spawn. Thank you to the MNRF for the work permit and operating the dam water flows and Central Manitoulin for providing the backhoe and operator.



### Fall Harvest

Kenjgewin Teg Educational Institute invited us to the M'Chigeeng Fall Harvest again this year. Another great day with lots for everyone to see and discover. Ken Pearce gave out trees for everyone to plant at home.



The AGM was held on Monday Sept 28, 2015 at the Assiginack Arena. Thirteen members came to the AGM meeting and an election for the positions Chair, Vice Chair and 2 Directors at large was conducted. Congratulations to everyone!

- Chairman - Ted Williamson
- Vice Chair - Brian Ramakko
- Director - Ken Pearce
- Director - Lynn Hughson

Remaining Board members are as follows:

- Therese Trainor - Treasurer
- Al Tribinevicius - Secretary
- Delmer Fields - Director
- Neil Debassige - Director

We would like to thank Paul Moffatt for all of the endless hours that he has put into this organization as a Board of Director since the inception of Manitoulin Streams. You have been a great mentor to many of us and we have enjoyed your humor, thoughtfulness and great decision making over the years. Thank you Paul ☺

Thank you to all that attended and a special note to Annette at Loco Beans- Cedar Chalet for accommodating us with the venue and catering!

### **Norton's Creek Outdoor Classroom**

A huge thank you to the Hutton Family for creating this outdoor classroom for our organization so that we can teach students about our stream restoration efforts along Norton's Creek. In memory of Bob Hutton, our friend, a plaque will be installed onto the large stone. It was Bob's dream to restore this historical brook trout creek back to what it was like when he was a young boy and we will continue his efforts and pass on his legacy.



## Hunter Education Course

Since the amalgamation with MASC we have taken on a couple of other stewardship projects this year. One was sponsoring 10 youth to take their Hunter Education and PAL Course. This supported disadvantaged youth that may otherwise not be able to take the course (i.e. can't afford it or may have learning disabilities) or those that may not have mentors to support them to take the course. All 10 students passed the course and we'd like to thank Stan Laderoute and his wife Linda for teaching the course and taking the extra time required with these youth. A youth trappers course is set to take place in November.



## Phragmites Removal

Manitoulin Streams worked with stakeholder groups to start the beginning of Phragmites eradication in 5 southern shorelines (Dominion, Dean, Providence, Sand & Square Bay). We had 2 days of removing phragmites rhizomes along the water's edge and in the water. A work permit was obtained from the MNRF for Phragmites removal and Providence Bay and Dominion Bay have been sprayed by a licensed contractor under the supervision of Judith Jones Winter Spider Eco-Consulting. Judith ensured that Pitcher Thistle's weren't impacted during this process.



## Funding and Contributors

### A Special Thank You to our Funding Partners and Volunteers

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

Landowners  
Little Current Fish and Game Club  
Manitoulin Area Stewardship Council  
United/Gore Bay Fish and Game Club  
Lake Manitou Area Association  
Manitoulin Nature Club  
OFAH Zone D  
United Walleye Club  
LaCloche Ecological Services -Bob Florean  
Manitoulin Transport  
Carriere Industrial Supply Ltd  
Shaw Farm Supply  
Walmart Evergreen  
TD Friends of the Environment  
RBC Blue Water Fund  
M'Chigeeng First Nation-Lakeview School  
Laurentian University  
College Boreal  
Manitowaning Mill & Home Building Centre

OMNR - Canada Ontario Agreement Funds  
OMNR - Ontario/Stewardship Rangers  
Ministry of the Environment  
Lake Huron/Georgian Bay Framework for Community Action  
Ausable Bayfield Conservation Authority  
Recreational Fisheries Conservation Partnership Program  
Government of Canada -Canada Summer Jobs Program  
Northern Ontario Heritage Fund Corporation  
Fisheries and Oceans Canada  
Environment Canada  
Eco-Action  
Municipality of Central Manitoulin  
Township of Tehkummah  
Township of NEMI  
Township of Billings  
Township of Assiginack  
Kenjgewin Teg Educational Institute  
Ramakko's Source for Adventure  
Volunteers ☺



**Seija Deschenes -Project Coordinator**  
**Susanne Meert -Educational Tourism Coordinator**  
**Nathan Page -NOHFC GIS Technician**  
**Jesse Beaudin – Community Resource Stewardship Liaison**  
**Erica Bond – OFAH Invasive Species Liaison**

Manitoulin Streams 25B Spragge St. Box 238 Manitowaning, ON P0P 1N0  
Ph: (705) 859-1653 Fax: (705) 859-3010  
Email: streams@amtelecom.net Website: www.manitoulinstreams.com

