

Manitoulin Streams Improvement Association

EVERYONE LIVES DOWNSTREAM

Gift Giving Catalogue



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EVERYONE LIVES DOWNSTREAM

Help Keep our Streams Clean

This gift giving catalogue allows you to purchase a gift on behalf of your family, friends or yourself to support the health of Manitoulin's aquatic and terrestrial habitats.



TO ORDER:

Call (705) 859 1653

Visit our webpage at www.manitoulinstreams.com

Email streams@amtelecom.net

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Thank you for looking at Manitoulin Streams Improvement Association's 'Everyone Lives Downstream' gift giving catalogue.

These days it seems more people are forgoing giving traditional gifts of 'stuff' to loved ones and instead giving meaningful gifts that support causes close to their hearts. Here at Manitoulin Streams we are excited to offer you the opportunity to give back to Manitoulin's natural landscape by purchasing a gift on behalf of a loved one that will benefit the Island. Manitoulin Island is one of those rare places that you only need to visit once and it stays with you wherever you go. It is a magical and remote place where you get the real sense of being 'away' from everything. It is the largest freshwater island in the world with over 108 inland lakes and just as many streams and creeks.

This gift giving catalogue is filled with great ideas that will help support our work at Manitoulin Streams. I guarantee that you will find something perfect for everyone on your list. Don't just limit yourself to the holiday season - what about a gift for a wedding, anniversary, birthday, house warming party or in memory of a loved one or thank-you present?

Purchasing a gift from this catalogue is a simple process and in doing so you can be confident that your donation is going towards something important - keeping Manitoulin Island's lakes, rivers and natural habitats healthy for generations to come. Whether through direct rehabilitation of degraded land and rivers or by helping educate Manitoulin's community on healthy land practices, your donation is helping the environment.

Your loved one will receive a certificate stating the gift you purchased was on behalf of them and is supporting Manitoulin Streams. As a registered charity any contribution you make towards purchasing these gifts is 100% tax deductible and we will provide you with a receipt.

For more information about Manitoulin Streams Improvement Association please visit our website at www.manitoulinstreams.com or contact us by phone at (705) 859-1653 or email streams@amtelecom.net.

Thank you for your support and for taking the time to peruse our catalogue. Enjoy Manitoulin Island and have a great day!

Seija Deschenes

Seija Deschenes
Project Coordinator
Manitoulin Streams Improvement Association





Enhance Stream Habitat

In-Stream Structures

In-stream structures are extremely important in river restoration because they can limit bank erosion, prevent changes in channel gradient and improve aquatic habitat. Take a look at our commonly used structures below and make a purchase today because 'WE ALL LIVE DOWNSTREAM.'



Wing Deflectors

Constructed along the bank of a stream in a triangular shape and made from river stones, logs or wood debris. They direct the stream flow away from unstable banks, increase stream velocity and create small pools for habitat.

Wing Deflector

Price: \$250

Order #: 201601

Type: Environment

Large Boulders

Boulders are extremely useful for our work and have many applications. They can be placed in the stream in groups (like this vortex weir) or in clusters to provide in-stream habitat and create local scouring by increasing flow velocity around the boulders. One vortex weir can take up to 29 boulders to create. Boulders are also used to stabilize banks.

Buy a Boulder

Price: \$50 each

Order #: 201602

Type: Environment



Half Log Cover

Attracts juvenile and adult fish by providing overhead cover where none previously existed. Half logs are made from a cedar or oak log cut in half lengthwise and secured to the bottom of the channel.

Log Cover

Price: \$75 each (installed)

Order #: 201603

Type: Environment





LUNKERS

Or as we like to call them - Little Underwater Neighbourhood Keepers Encompassing Rheotactic Salmonids - try saying that 10 times fast! These little beauties are primarily used to introduce overhead cover for fish where existing habitat is limited. Made from stone or wood they are typically installed in the river bank.

LUNKERS

Price: \$200
Order #: 201604
Type: Environment

Sweeper

Sweepers create an abundance of nooks and crannies for aquatic insects and secluded spaces for juvenile fish. It's as simple as a fallen cedar tree being partially submerged in water or bringing in a tree and securing it to the river bank with aircraft cable.

Sweeper

Price: \$40 (installed)
Order #: 201605
Type: Environment



Spawning Gravel

Purchase pea sized gravel to create healthier spawning habitat. Fish like to spawn in silt free gravel beds and create nests called redds like the one on the left. Having proper spawning habitat is important for fish reproduction.



Spawning Gravel

Price: \$40 per m³
Order #: 201606
Type: Environment



Riparian Habitat and Erosion Control Material

Erosion affects not only the site where it occurs but downstream habitat as well. It causes loss of shoreline habitat, siltation and loss of property. Establishing a healthy riparian area can help reduce erosion, filter nutrients thereby improving water quality, provide shade to reduce water temperatures and provide habitat corridors for wildlife species. Below are some of the techniques we use to control erosion and improve riparian areas.



Coconut Coir Matting

Coir matting is used for controlling bank erosion. It's an erosion control blanket made from coconut fiber that is rolled out over the soil to reduce shoreline erosion along the river banks. It also allows vegetation like native grasses to grow up through it and it is environmentally safe because it is 100% biodegradable.

Coir Matting

Price: \$40

Per meter: \$4.00/m²

Order #: 201607

Type: Environment

Root Wads

Root wads intermixed with stones anchored into the bank provide a permanent structure to protect eroding banks from the scour action of fast moving water. Made from natural materials, and providing aquatic habitat, this is a great alternative to building the traditional gabion basket or stone wall approach.

Root Wads

Price: \$200

Order #: 201608

Type: Environment



Large Stone

On some of the steeper banks, coir matting and vegetation do not provide enough 'hold' on the bank to prevent erosion. In these cases we will construct the 'toe' of the bank with large stones and large crushed rock. So why not buy some big rocks for those really steep river sections!

Large Stones

Price: \$100

Per Meter \$20/m³

Order #: 201609

Type: Environment



Native Trees, Shrubs and Grasses

Purchase native trees, shrubs or grasses for riparian restoration along the river banks. What a great gift a berry producing shrub would make for Mother's Day! Tree planting is often completed by volunteers and local school groups. Improving canopy and riparian habitat benefit stream health by: lowering water temperatures, stabilizing banks, filtering nutrients, providing shelter for fish and wildlife and providing leaves and woody material which are the beginnings of the food chain for invertebrates.



Tree Species You Can Choose From:

- a) Eastern White Cedar
- b) White or Red Oak
- c) White Pine
- d) Silver Maple
- e) White Birch
- f) Tamarack/Larch
- g) White Spruce

Native Trees

Price: \$25 each
Order #: 201610
Type: Environment



Native Grasses

Price: \$50
Per meter: \$0.50/m²
Order #: 201611
Type: Environment



Native Shrubs

Price: \$20 each
Order #: 201612
Type: Environment

Shrub Species You Can Choose From:

- a) Red Osier Dogwood
- b) Elderberry
- c) Cranberry
- d) Nannyberry
- e) Buttonbush
- f) Serviceberry
- g) Mountain Ash



Help Restrict Livestock Accessing our Streams

Unrestricted livestock access to a stream can have serious negative effects on stream health by damaging the riparian area, widening the river, causing erosion, polluting the stream with their waste and decreasing water quality. Help us restrict livestock access in our water systems!



Livestock Fencing

Livestock with free access to watercourses can negatively impact both the water quality and the riparian area. Restricting their water access with fences is responsible livestock management and it increases herd health. Help us build a livestock fence.



Page Wire Fence

Price: \$10
Per meter: \$10/m
Order #: 201613
Type: Agriculture

Split Rail Cedar Fence

Price: \$23
Per meter: \$23/m
Order #: 201614
Type: Agriculture

Livestock Nose Pump

Installing a nose pump prevents livestock from entering a water system. The pump is installed in a well dug away from the stream. It only works with large livestock like cattle, horses and bison. A great product that provides water to livestock and protects our streams!



Contribute toward a Nose Pump

Price: \$100
Order #: 201615
Type: Agriculture

Livestock Watering Pad

The next best thing to a nose pump is a restricted watering pad. This allows livestock access to water but limits them to one area, reducing erosion and riparian damage. Gravel or geotextile is placed at the watering access point to stabilize the area, prevent erosion and the stone provides firm footing. This is commonly installed in conjunction with new fencing.

Contribute to a Watering Pad

Price: \$500
Order #: 201616
Type: Agriculture



Invest in Education



One of our four primary goals is "to educate and promote public awareness of the aquatic ecosystems on Manitoulin Island". Therefore, we actively participate in, as well as conduct various educational events aimed to educate the public and our youth on what we are doing on Manitoulin Island, why we are doing it and the issues concerning our aquatic ecosystems.

Classroom Hands on Experience

We love working with our local schools to bring aquatic education to youth. We have several programs involving students learning through hands-on experiences. Some educational programs include: Annual Walleye Spawning event, Mini-Hatchery Program, Annual Brook Trout Eyed Egg Event, Tree Planting or a Shoreline Cleanup.

Hands on Experience

Price: \$100/class

Order #: 201617

Type: Education



Support Transportation for School Groups

The biggest limiting factor for schools is finding funding to transport students to our stream side events. Students love getting into the field to experience nature and there are many health benefits. Bringing students to a site and getting them to participate in restoration activities instills a sense of ownership and accomplishment. Help support transportation cost and bring students to our stream events.



Transportation

Price: \$500

Order #: 201618

Type: Education



Signs

Placing educational signage along sections of restored streams is important to keep the public informed on our work, why we do it and the benefits it is having.

Signage

Price: \$150

Order #: 201619

Type: Education



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Educational Tours

Support a child in one of our amazing tours! Our most popular is the **Stream Detective Adventure** where hands-on activities turn children into little scientists! They get to learn all about all the invertebrates and aquatic life they can find! Other tours include: Horseback Riding, Nature Walk, Snowshoeing, Learn to Fish and more! Adults learn for free with their kids.

Buy a Stream Detective Adventure or Donate Towards Another Tour

Price: \$20 per child (includes gift bag)

Order #: 201620

Type: Education

Youth Hunter and Trapper Initiative

Sponsor a youth to get his/her Hunter Education & Firearms Safety Certificate over a 2 day course. Then, if they're interested, they can go on to get their Fur Harvest Management and Conservation Certificate in our Youth Trappers Course. This is a 4 day course where students learn to establish a trap line, harvest animals and prepare hides. Both courses teach our children the importance of safety and good stewardship practices.



Educate a Future Trapper

Price: \$800 per youth

Donate: \$50

Order #: 201621

Type: Education

Educate a Safe Future Hunter

Price: \$200 per youth

Donate: \$50

Order #: 201622

Type: Education



Stewardship Workshop

Help us put on a Stewardship Workshop for local community groups. We try to host or attend different educational workshops all over Manitoulin. We've attended the Misery Bay BioBlitz, hosted the OFAH Zone D Annual Meeting, hosted the Land to Water workshop and multiple stream talks and educational sessions.

To host/attend these events we need help with hall rentals, refreshments, materials and bringing guest speakers to Manitoulin!

Workshop

Price: \$100

Donate: \$25

Order #: 201623

Type: Education





Outdoor Classroom

There are a few streams that we regularly visit. At these sites it is beneficial to have an outdoor area where groups can gather before a tour, have lunch, listen to an educational talk or discuss what they have seen. The picture to the left is the classroom at Norton's Creek. Contribute towards improving educational tours.



Outdoor Classroom

Price: \$25
Order #: 201624
Type: Education

Miscellaneous Items

Electro-Fishing and Invertebrate Assessments

Before restoration work begins on a stream site we have College Boreal perform an electro-fishing assessment and Laurentian University perform an invertebrate assessment. Three years after the work is completed we return to the site and perform the same assessments to track the changes that have occurred. These assessments validate the work that we do and show the positive effect we're having.

Water Health Assessment

Price: \$100
Order #: 201625
Type: Research



Restoration Equipment

We are often in need of equipment for stewardship activities. Items include: shovels, buckets, hip-waders, nets, thermometers, etc. Donate funds to go towards purchasing all the equipment that make our stewardship activities run smoothly!



Restoration Equipment

Price: \$30
Order #: 201626
Type: Equipment



Items:

Type: Merchandise
Hat: \$20
Order #: 201627
Mug: \$10
Order #: 201628
Car Decal: \$5
Order # 201629

Manitoulin Streams Gear

Is the sun getting in your eyes while you're out and about on Manitoulin? Need a sticker for your car? How about a 'feel good' mug for your morning coffee?
Type: Merchandise

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Tax Receipt

Manitoulin Streams Improvement Association is a registered charity: 85645 2156 RR0001. When you purchase a gift over \$25 you will receive a tax receipt. We can only provide tax receipts for financial gifts given to Manitoulin Streams where no return benefit is provided.

Certificate

When you purchase a gift, you have two options:

1. We will send you a certificate that acknowledges that you have purchased a gift on behalf of a loved one to support the work of Manitoulin Streams. We will leave the "Name" section on the certificate blank so that you can fill in the recipient's name and address.

OR

2. Manitoulin Streams will directly send the certificate to the recipient on your behalf. In this case we will ask you to contact Manitoulin Streams to give us the recipient's name and address. Please call: (705) 859-1653 or Email: streams@amtelecom.net

What Manitoulin Streams does and how you can help...

Manitoulin Streams Improvement Association is a registered non-profit, charitable organization that is focused on large-scale, community based efforts to rehabilitate aquatic ecosystems on Manitoulin Island, in Northern 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 in Lake Huron.

Through education, research, community stewardship and its technical advisory service, Manitoulin Streams helps individuals, agricultural members, community groups and municipalities work with aquatic ecosystems to minimize their impact. By supporting Manitoulin Streams Improvement Association's efforts, you will help to ensure that we pass on a positive environmental legacy to our future generations.

The Four Goals of Manitoulin Streams:

1. To promote the improvement of fish and riparian habitat in the streams of Manitoulin Island.
2. To promote the improvement of water quality and watershed management in the streams of Manitoulin Island.
3. To promote the enhancement of aquatic ecosystems in the streams of Manitoulin Island.
4. To educate and promote public awareness of the aquatic ecosystems on Manitoulin Island.



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Your Purchases

Charitable Registration Number: 85645 2156 RR0001

Gift Item #	Description	Qty	Price	Total
201601	Wing Deflector		\$ 250.00	
201602	Large Boulder		\$ 50.00	
201603	Half Log Cover		\$ 75.00	
201604	LUNKERS		\$ 200.00	
201605	Sweeper		\$ 40.00	
201606	Spawning Gravel (per m ³)		\$ 40.00	
201607	Coir Matting (per m ²)		\$ 4.00	
201608	Root Wads		\$ 200.00	
201609	Large Stones		\$ 100.00	
201610	Native Trees (specify species if desired)		\$ 25.00	
201611	Native Grass (per 100m ²)		\$ 50.00	
201612	Native Shrubs (specify species if desired)		\$ 20.00	
201613	Livestock Fencing - Page Wire (\$10/m)		\$ 10.00	
201614	Livestock Fencing - Cedar Rail (\$23/m)		\$ 23.00	
201615	Nose Pump contribution		\$ 100.00	
201616	Livestock Watering Pad contribution		\$ 500.00	
201617	Hands On Experience (per class)		\$ 100.00	
201618	School Bus		\$ 500.00	
201619	Educational Signs		\$ 150.00	
201620	Educational Tour		\$ 20.00	
201621	Future Trapper (costs \$800/youth)		\$ 50.00	
201622	Future Hunter (costs \$300/youth)		\$ 50.00	
201623	Stewardship Workshop (costs \$100)		\$ 25.00	
201624	Outdoor Classroom		\$ 25.00	
201625	Water Health Assessment		\$ 100.00	
201626	Hand Equipment		\$ 30.00	
201627-29	Hat (\$20), Mug (\$12) or Car Decal (\$5)		\$	

Gift Total: _____

General Donation and OFAH Membership Total: _____

Name: _____

Shipping: _____

Address: _____

Grand Total: _____

Phone: _____

Comments: _____



Method of Payment

- Cheque (payable to Manitoulin Streams Improvement Association)
- Cash (payments in cash should be made in person and not through the mail)
- PayPal (please visit www.manitoulinstreams.com to pay online)

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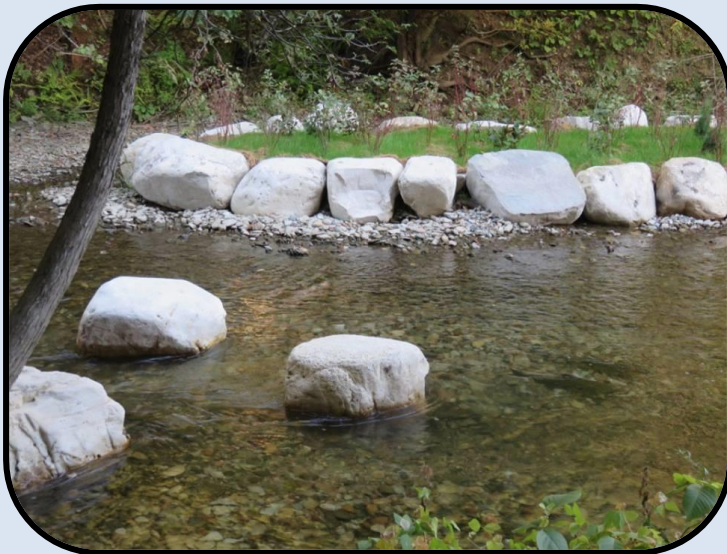
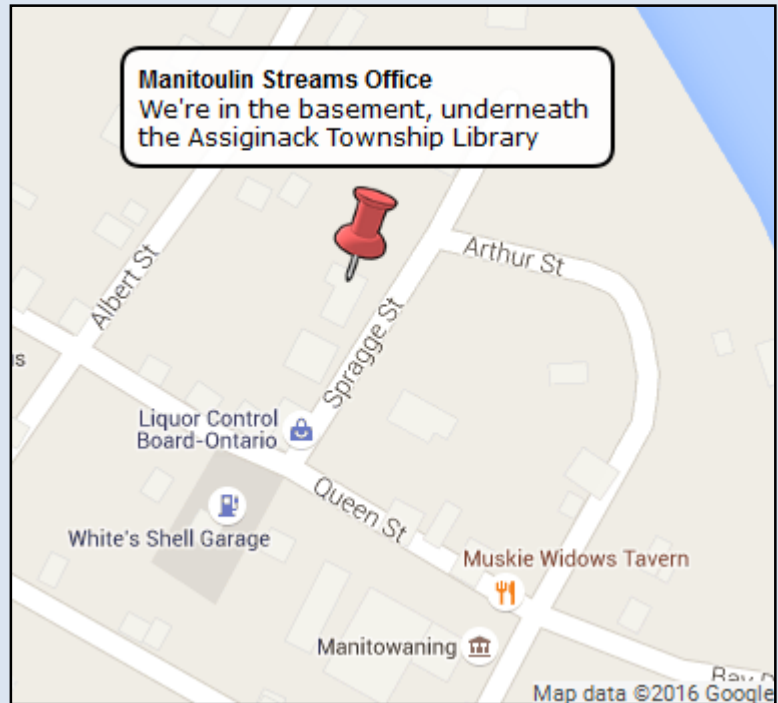
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Other ways you can help...

By supporting the efforts of Manitoulin Streams, you are helping to ensure that we pass on a positive environmental legacy to our future generations.

You can support our Association by becoming an OFAH member through Manitoulin Streams. The fee is less expensive through us and along with receiving the OFAH benefits we will send you our quarterly newsletter and keep you up-to-date on our activities and volunteer opportunities. Visit www.manitoulinstreams.com and go to *Memberships* under the *Donate & Support* tab, or call or visit us.



You can also support Manitoulin Streams by offering a general donation that will support all our projects at the association.

Thank you for your interest in our catalogue and for keeping our streams clean!

We also offer plenty of volunteer opportunities throughout the year if you'd rather get your hands dirty and donate muscle power to our organization. Stay informed of upcoming volunteer events by following us on Facebook (Manitoulin Streams), Twitter (@IslandStreams) and our website (www.manitoulinstreams.com).

