PINE RIVER WATERSHED INITIATIVE NETWORK

# PRWIN HIGHLIGHTS

## *A Review of In-ground Projects & Programming, Challenges & Opportunities*

# PINE RIVER WATERSHED INITIATIVE NETWORK

## PRWIN'S MANDATE

- To research, organize and participate in projects designed to improve and preserve the environment as it relates to the Pine River Watershed.
- To educate and increase the public's understanding of the Pine River Watershed and its importance by offering presentations, participating in conferences, meetings and disseminating information to the public on our website, newsletters and social media.
- To provide information to the public on programs and funding opportunities that will improve the water quality within the Pine River as it flows into Lake Huron.

PINE RIVER WATERSHED
INITIATIVE NETWORK
2019

Tobermory
GEORGIAN BAY
Lion's Head
Wiarton
Sauble Beach
GREYSAUBLE
Owen Sound
Southampton
Port Elgin
LAKE HURON
SAUGEEN
Kincardine
Point Clark
Hanover
USA (Michigan)
Canada (Ontario)
MAITLAND
Goderich
Listowel
Bayfield
Stratford
Grand Bend
Ipperwash Beach
Kettle Point
AUSABLE BAYFIELD
Brights Grove
Sarnia
ST. CLAIR
London

# PINE RIVER WATERSHED INITIATIVE NETWORK

**PRWIN mandate supports our watershed and provides a shared vision with the Lake Huron Actions (2017-2021) LAMP. The action plan is a management plan for restoring and protecting water quality.**

- **Protecting and restoring habitat and species as well as preventing invasive species.**
- **Reducing chemical contaminants and reducing nutrient and bacterial contamination.**
- **It addresses and recognizes regional localized environmental threats.**
- **Encourages community-based action.**

Lagoon
Wetland B
Wetland A

# PINE RIVER WATERSHED INITIATIVE NETWORK

**Sponsorship and funding allows PRWIN to proceed with projects in our watershed and to invest in our community:**

- **Cattle Exclusion Fencing in our watershed.**
- **Reforestation sites on retired farm land.**
- **Wind breaks and stream bank restorations.**
- **PRWIN Spring Seedling Program.**
- **B**erms and livestock crossings.

CAT
320D L
CAT

CAT
CAT

PINE RIVER WATERSHED INITIATIVE NETWORK

# In-ground Projects

***Cattle Exclusion Fencing***

- This project was a partnership with a landowner in Kinloss township. The crossing protects the river banks as livestock pass through, and prevents sediment from being stirred up by animal activity. Livestock are fenced out of the banks of the river or stream, and only allowed access at the installed crossing.
- This project will help to improve water quality and ecosystem health in our watershed. This project site was reforested with spruce seedlings.
- The project was supported by Ministry of the Environment, Conservation and Parks.

Ontario

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# In-ground Projects

## ***Berm Projects***

- Berms are structures that retain water and trap sediment in a basin before allowing water to filter out in a controlled manner. The benefits of Berms or WASCoBs are twofold, improving water quality downstream by trapping nutrients and sediment before they can contaminate the water, and improving the agricultural value of land by reducing the formation of gullies and the effects of erosion on a field
- If your field is experiencing severe erosion and soil loss, a WASCoB might be the right solution to your problem!

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# In-ground Projects

## ***Reforestation Projects***

- **In the spring of 2022, we planted over 6,000 cedars and spruce seedlings to reforest 4 project sites in Huron Kinloss. The seedlings were purchased from Maitland Valley Conservation Authority and Saugeen Valley Conservation Authority.**

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## 2022 PRWIN SEEDLING PROGRAM

B.M. Ross & Associates

Baywood Interiors Millwork

Community Foundation Grey Bruce

Enbridge

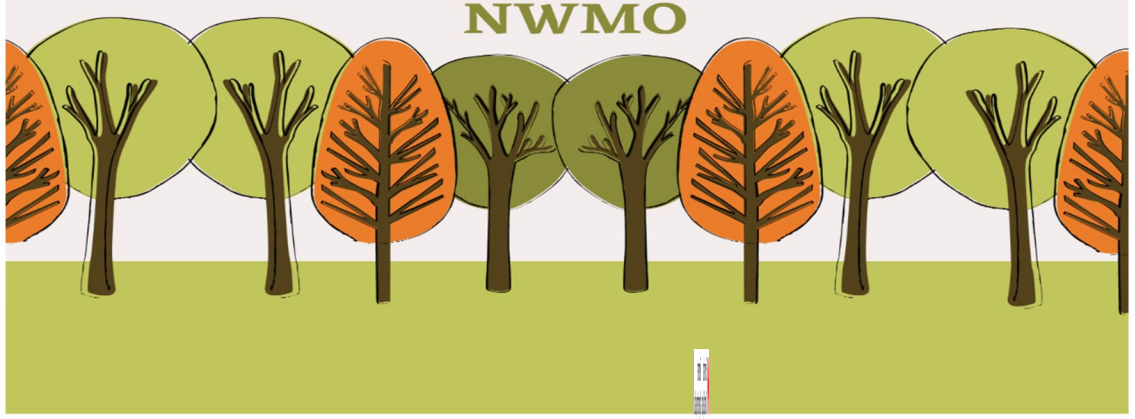
Greenfield Global

K2 Wind

OPG

Trillium Mutual Insurance

NWMO



PINE RIVER WATERSHED
INITIATIVE NETWORK
DANCE

New Holland

PINE RIVER WATERSHED
INITIATIVE NETWORK
LANDOWNER

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# In-ground Projects

***2022 Spring Seedling Program***

- In the spring of 2022, 6,000 seedlings were handed out during our annual "FREE Seedling Give-Away Program." The selection of seedlings included white cedar, white spruce, Norway spruce, red pine, tamarack, silver maple, red oak, white oak, black cherry and black walnut.
- The seedlings were purchased from Saugeen Valley Conservation Authority and Maitland Valley Conservation Authority.

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## 2022 PRWIN SEEDLING PROGRAM

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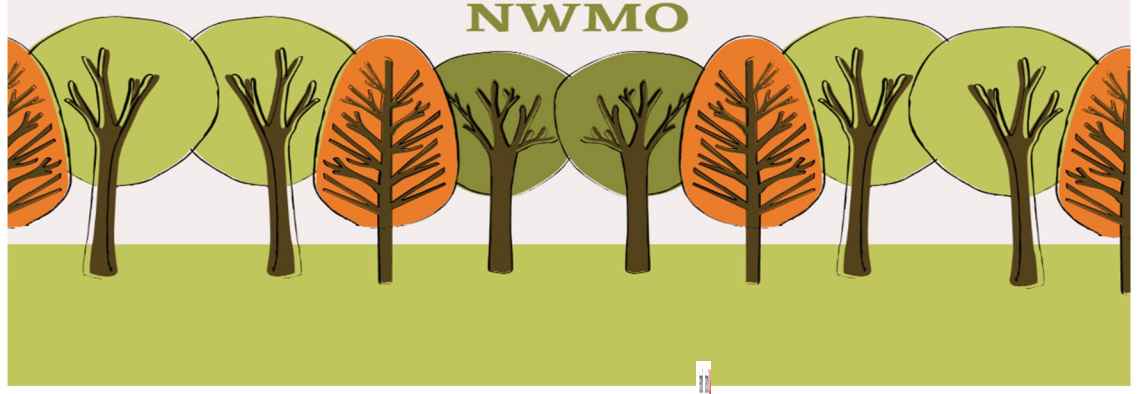

K L
M

New Holland

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# PRWIN Programming

- PRWIN hosts an annual Award of Merit. Award recipients for 2021: Shirley Galloway, Conner Dixon and Brad & Kristie Gilchrist.
- Took part in the Spruce the Bruce Program – New light and window box for the facade of our office.
- In June 2021, we participated in the Lake Huron-Georgian Bay Framework Community mini summit Community Action Initiative: Learning More About Engagement.
- In November 2022, we participated in the Lake Huron-Georgian Bay Framework Community webinar Community Action Initiative: Great Lakes nearshore and threats to ecosystem resilience.

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# MCLARTY ENVIRONMENTAL STUDY AREA

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# MCLARTY ENVIRONMENTAL STUDY AREA

- The McLarty Environmental Study Area is located on Bruce Road 6/Side Road 20 in Huron Kinloss. It is open to the public to enjoy the great outdoors!

- This area is designed for our community to learn about the Pine River; wetland creation and the education of the local wildlife and plants that this area supports. PRWIN has installed a trail system throughout the area, created two wetland ponds, planted memorial trees, an osprey nest and planted over a thousand tree seedlings.

- Community groups have enjoyed outdoor classroom experiences at the McLarty location. The 4H Conservation Club and the Ripley Horticultural Society - For Our Youth have stopped by to enjoy nature along the river flats.

- Local youth groups, clubs and day camps are welcome to experience this opportunity!
  For more information, please email pineriverwin@yahoo.ca

THANK
YOU
PRIWI

ROOTS

PINE RIVER WATERSHED INITIATIVE NETWORK

# PRWIN Outreach

- PRWIN assisted OPG with their Environmental Certificate. OPG has been awarded Gold Certification by the Wildlife Habitat Council.
- Spring maintenance of rain garden at the Ripley Library.
- PRWIN created a video to exhibit our watershed to support the Ripley Huron Fall Fair Virtual Events.
- PRWIN hosted a Sponsorship Day to recognize our valuable sponsors at our Red Maple Reforestation site.
- PRWIN sponsored community events: Public skating, Free Tree Contest and participated in the Ripley Fall Fair Parade and contests.

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# PRWIN Outreach

- PRWIN participated in a survey with Bruce Power about Climate Change. It was conducted by the Council of the Great Lakes Region and the Climate Risk Institute who partnered with Bruce Power.
- PRWIN volunteered their time to assist Lake Huron Centre for Coastal Conservation to plant dune grass and remove invasive plants.
- PRWIN Directors assisted MVCA by planting 200 white cedar seedlings at a farm near Holyrood.
- Memorial trees planted in memory of the Kevin Newman and Dr. Richard Huff.

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# PRWIN Programming

***Minister's Announcement***

- David Piccini, Minister of the Environment, Conservation and Parks was joined on October 18th, 2021 by Lisa Thompson, Minister of Agriculture and Rural Affairs to announce support for outreach, education and guidance to local farmers and other landowners to implement agricultural best practices, such as using plantings to reduce soil erosion and livestock stream crossings.

- PRWIN was honoured to host the announcement for the ministers at the Point Clark Beach.

- PRWIN Director Don Farrell represented PRWIN by showcasing PRWIN projects and programs in our watershed.

# PRWIN ‘s Challenges and Opportunities

***Challenges:***

- The COA (Canada Ontario Agreement) grant administered by MOECP was approved January 2022. This grant was our only funding source for projects in 2022. This grant assisted Healthy Lake Huron groups, including PRWIN. This funding was outlined for the following PRWIN budget:
  - $20,000 for human resources.
  - $30,000 for cattle exclusion fencing and reforestation projects.
  - $10,000 administered to Saugeen Valley CA for local water monitoring.

- Community Non-profit groups stated at the November meeting of the Lake Huron-Georgian Bay Framework Community it was a common theme that the most challenging funding to obtain is support for covering "Administrative Costs". Corporate donors want their funds to go directly to specific projects in the community.

***Opportunities:***

- PRWIN is contacting businesses to help fund projects and programming moving forward in 2023. We have a legacy fund and a sponsorship program.
- COA 2022-23 funding announcements are expected early in the new year.

Protecting the Great Lakes
Protéger les Grands Lacs
Ontario

Living Legacy
Sponsorship between
$2,500-&Up
Ask about Recognition Benefits
Water Warrior
Sponsorship between
$1,500-$2,499
Ask about Recognition Benefits
Soil Soldier
Sponsorship between
$500-$1,499
Ask about Recognition Benefits
Tree Hugger
Sponsorship between
$100-$499
Ask About Recognition Benefits

INITIATIVE NETWORK
2013
Environment
Canada
LANDOWNER

PINE RIVER WATERSHED INITIATIVE NETWORK

***A Review of our 2021 In-ground Projects & Programming, Challenges & Opportunities.***

*Thank-you for your time!*