Beaver River Watershed Initiative Mission Statement

"To work with the community, agencies and organizations that share our vision to develop, promote and facilitate projects which will conserve, protect and enhance the ecological and social health of the Beaver River Watershed"

Please join our group at www.whatwaterwants.org
2020 Executive Committee

Cam Kennedy                                  Acting Chair / Director
Debbie Crosskill                             Membership / Education
Frank Muschalla                               Secretary
Frank Muschalla                               Treasurer
Araby Lockhart                                Director
Andy McKee, Brad Mulligan                     Project Committee
2015 - 2020 Projects

1: Over 6 km of rehabilitation work on the Upper Beaver River and Boyne. Including new section at Feversham

2: Continued Phragmites Australis removal Peasemarsh, Oliphant, Lake Eugenia

3: Continued rehabilitation of Clarksburg Creek

4: Rehabilitation of the Little Beaver River, Water Quality testing and feasibility study of removal of small concrete abutment

5: Completion of Fencing Projects on two cattle farms located on the Beaver River
2015-2018 Beaver/Boyne River

1: Rehabilitation work on private properties on the Upper Beaver River with volunteers from the BRWI, GSCA, MNR as well as local Fishing clubs and volunteers.

2: Created habitat and spawning areas.

3: Reduced water temperatures in heavily braided and swampy sections.

4: Installed wing deflectors to protect river banks and create habitat.
Boyne River damaged sections
Before
2019 Spawning Survey Results

42 Redds, 10 Test Redds

40% Increase from 2009 – 2016
Typical Volunteer Crew and
Traditional Streamside Lecture
Phragmites Australis

John Bittorf, Rebecca Ferguson

Grey Sauble Conservation Authority
Lake Eugenia

• Lake Eugenia 2018 prior to cutting

• Lake Eugenia 2018 after cutting
Peasemarsh Nature Reserve

Peasemarsh 2017 before cutting

Peasemarsh 2018 before cutting

Peasemarsh 2018 after cutting
BRWI Phragmites Cutting at Peasemarsh Nature Reserve

0.5 acres of Phragmites was cut in 2017!
Summary 2019

- BRWI: 30 hours
- Watershed municipalities: 12 hours
- Community groups: 700 hours
Clarksburg Creek Rehabilitation

1: Removal of garbage and organic material
2: Restoration of inlet and outlet Culvert
3: Restoration of braided sections of the creek
Before
After
Little Beaver Rehabilitation

1: 2019 Water quality Testing, Town of Blue mountains, GSCA.

2: 2018 Fall Removal of log jam section on private property

3: Future Feasibility study of removal of concrete abutment at bridge inhibiting spawning
2018 Fall BRWI Lunch and Learn
Open Forum Discussion Topics

Community involvement and volunteerism.

Government assistance and funding.

Issues with the watershed.

Educating and heightening awareness of the general public.

Increasing the partnerships between developers and Municipal governments.

Impacts of tourism and changing demographics.
2018 - 2019 Fencing Initiatives
8.05 acres of Riparian areas are protected
3500 Trees planted
458 m of Beaver River protected by fencing
Beaver River Feversham Rehabilitation

1: Native Brook Trout population
2: Excessive Braiding on a low gradient system
3: Increase habitat and spawning beds
Before
After
Moving Forward 2020

1: Cold Water, Cold Water, Cold Water  !!!!!!!!!!!

2: Expand projects on both the Beaver, Boyne and entire Watershed. Fencing of livestock on the lower section of the Beaver river.

3: More community focused projects, BRWI is providing funding for local schools to acquire water testing kits as well as expanding our educational presence.

4: Continued work on Little Beaver and projects on Headwaters of the Beaver River
Thank you!

www.whatwaterwants.org