2019-2020 Report

WHEATLEY RIVER IMPROVEMENT GROUP, INC.





WRIG 2019-2020 Goals

- Enhance aquatic and terrestrial habitat, promoting biodiversity in vulnerable areas.
- Monitor and maintain surface water quality.
- Collect ecological data and maintain up-todate records.
- Encourage public education and awareness.



Year In Review

2019 Summer Field Crew

- Charlotte Large Field Crew Supervisor
- Taylor Gallant Riparian Health Assessment Tech.
- Garrett MacDougall Field Crew Tech.

Training

- Chainsaw training (2)
- Woodland ecology course (3)
- Watershed rehabilitation techniques (3)



Habitat Rehabilitation

- **1150** trees were planted on 3 separate parcels of land in the watershed; **150** trees were given away at Canada Day.
- 7 km of stream were rehabilitated: 6km on the South branch of the Wheatley River, and 1 km on Pigeon Creek.
- 8 brush mats were built on the South branch of the Wheatley River





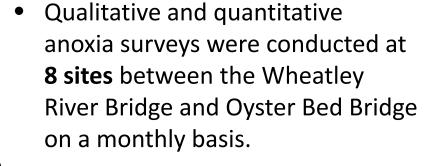


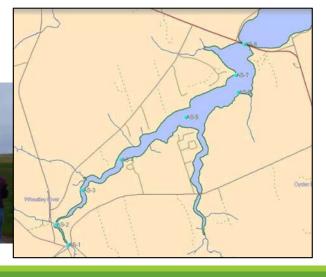
Monitor and Maintain Water Quality

 Water quality monitoring was conducted at 22 sites throughout the watershed on a weekly basis in July & August.



Shoreline cleanup was conducted with HCWG staff







Ecological Data Collection

- Rackham's pond depth survey is conducted annually to monitor sedimentation in the pond.
- Riparian Health Assessments & Crossing Assessments were conducted along the South branch of the Wheatley River.
- Headwater surveys were conducted in spring and fall.
- WRIG participated in the Community Aquatic Monitoring Program (CAMP) through DFO.





Public and Youth Education and Engagement

Community Events

- Watershed booth at Canada Day celebrations in North Rustico
- Watershed information at the River Clyde Pageant in New Glasgow
- Celebrate Our River Event and Duck Race

Educational Days

- Environmental Fun Day
- Cavendish Beach Hut in partnership with Parks Canada







Pollinator Garden





HAUTENATURE



2020 Field Season

- Habitat & stream rehabilitation
- Water quality monitoring
- Headwater surveys
- Community education and engagement events
- Special project: Part II of the natural meander pattern recovery project using deflectors upstream of Rackham's Community Pond.



