

Pomme de Terre River Association - 2017 in review



Education through Connection

The Pomme de Terre River Association (PDTRA) works to protect and improve the water resources that run through our communities, our backyards, and our faucets. Since 1981 PDTRA has kept a conversation going between local officials of the six counties that contribute to the Pomme de Terre River. PDTRA also engages the public in our conversation through outreach and education by connecting community members to our mission and the resources around them through models and demonstrations to getting out on the river itself. **In 2017 the Pomme de Terre River Association...**



Educated 600 5th and 6th graders about the macroinvertebrates living in our waters, their importance to our aquatic ecosystem, and about the conservation “team work” it takes to protect and improve our water resources.



Paddled down 12 miles of the Pomme de Terre River with 42 paddlers ranging widely in paddling experience, knowledge of the Pomme de Terre River, and reasons for exploring with us



Collaborated with partners from UMM, MPCA, and Soil and Water Conservation Districts to hold a *Water Conversations and Open House* with community members to learn about water quality and future planning for the Pomme de Terre Watershed



Hosted a Watershed Bus Tour for 46 local partners and community members to promote conservation work, educate stakeholders about the current state of our water quality, provide networking opportunities, and discuss local issue and goals.



Conservation Implementation

The Pomme de Terre River Association is made up of partnerships between Soil and Water Conservation Districts and Counties. The strong partnership has been successful at obtaining grant funding through the Board of Soil and Water Resource's Clean Water Funds and Clean Water Act 319 grants since 2010. PdTRA has brought over \$2,000,000 to help provide cost-share for installing Best Management Practices on volunteering landowners land to help reduce the amount of non-point source pollution entering the Pomme de Terre River. **In 2017 the Pomme de Terre River Association...**

Installed

Best Management Practices to actively reduce non-point source runoff and improve water quality.

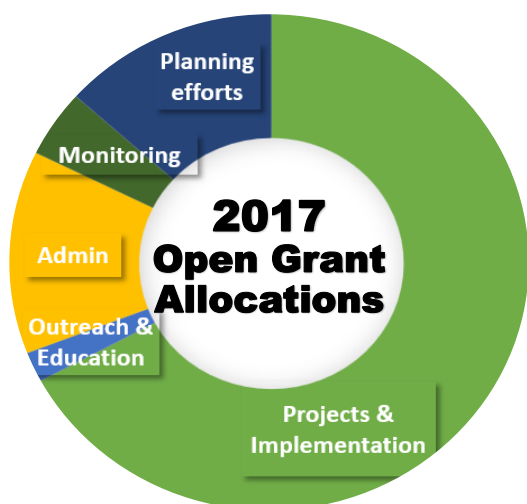
20 Sediment Bains
3 Rain Gardens
1 Dam Removal
200ft Streambank Protection

Enrolled

Agricultural land into federal programs to provide beneficial buffers and wildlife habitat to the watershed.

487Acrs
 Buffers

389Acrs
 Wetlands



Reduced

Non-point source runoff from directly entering our waterways

8,740Lbs
 Phosphorus/ year

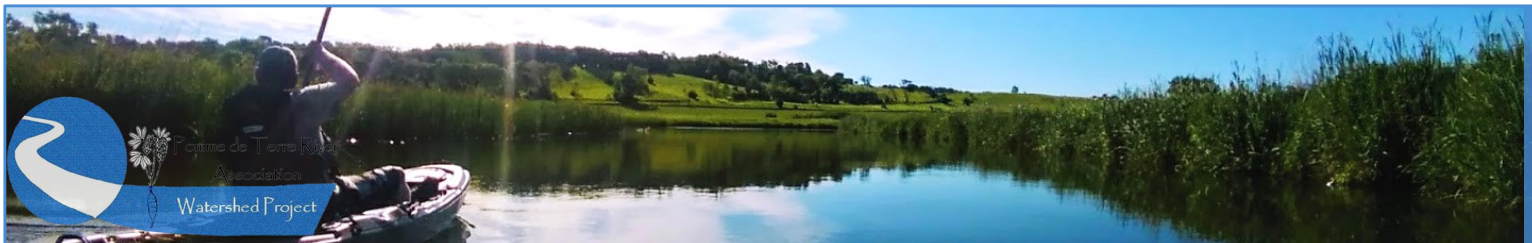
8,182Ton
 Soil/ year



Federal
319



Partners: West Otter Tail SWCD - Otter Tail County Commissioners - Otter Tail County Environmental Services - Douglas SWCD - Douglas County Commissioners - Grant SWCD - Grant County - Grant County Land Management - Stevens SWCD - Stevens County Commissioners - Stevens County Environmental Services - Swift SWCD - Swift County Commissioners - Big Stone SWCD - Big Stone Commissioners - Big Stone County Environmental Services - MN Pollution Control Agency - Department of Natural Resources - MN Board of Water and Soil Resources - Voluntary lakeshore, land, and home owners across the watershed.



Monitoring the Watershed

In 2007 the Pomme de Terre underwent intensive monitoring to evaluate the current state and health of our watershed. In 2017 the Pomme de Terre started a second round of monitoring to see if any changes have occurred within the last 10 years, reevaluate our approach to watershed management, and provide a continuing composition of quality data on streams and lakes. To aid in the sampling from May through September, PDTRA brought on a Summer Technician responsible for sampling and data collection.

In 2017 the Pomme de Terre River Association...



Collected
960 Samples



Sampled
11 Lakes



Monitored
21 Stream Sites

