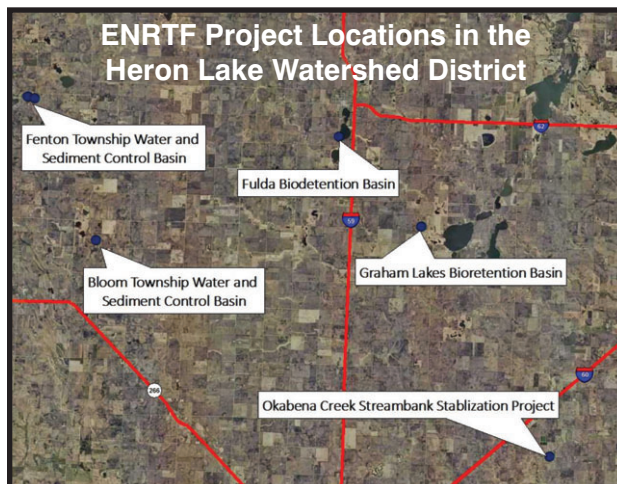


ENRTF

The Minnesota Environment and Natural Resources Trust Fund (ENRTF), as recommended by the LCCMR, has given the Heron Lake Watershed District (HLWD) a funding mechanism to install practices in Nobles, Jackson, and Murray Counties. The grant consisted of five project locations and included construction of a bioretention basin, multiple terrace projects, a bioretention basin, and a J-hook weir streambank stabilization project. These endeavors effected more than **300 acres** and have an estimated reduction rate of **500 pounds** of phosphorus and **550 pounds** of total suspended solids per year.



**WATERSHED
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HERON LAKE WATERSHED DISTRICT

PO Box 345
Heron Lake, MN 56137
507-793-2462

Office hours:
Monday through Thursday
www.hlwdonline.org

Heron Lake Sediment and Phosphorus Reduction Implementation Projects

Funding for this project was provided
by the Minnesota Environment
and Natural Resources
Trust Fund as recommended by the
Legislative-Citizen Commission on
Minnesota Resources (LCCMR)

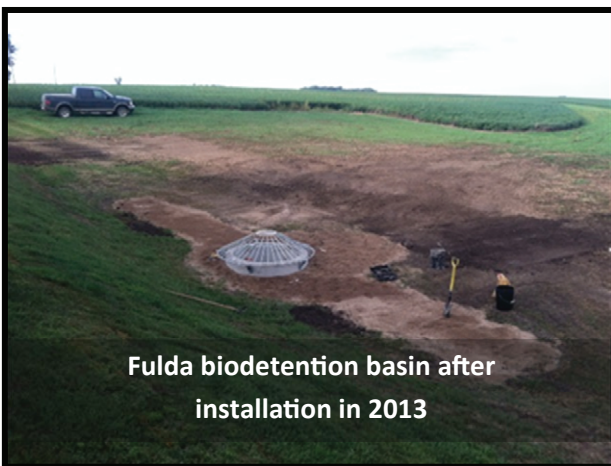
January 1, 2014 -
June 30, 2016



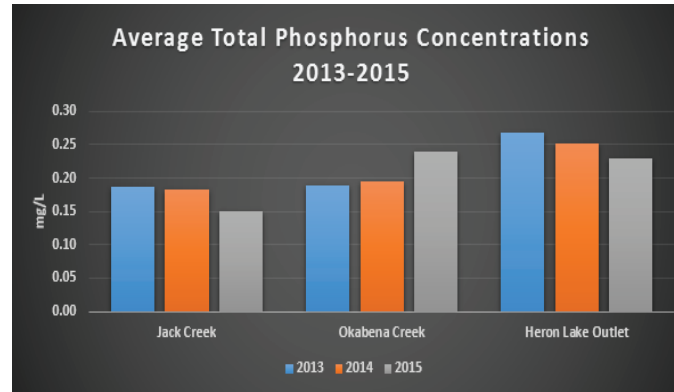
**ENVIRONMENT
AND NATURAL RESOURCES
TRUST FUND**

Water Monitoring

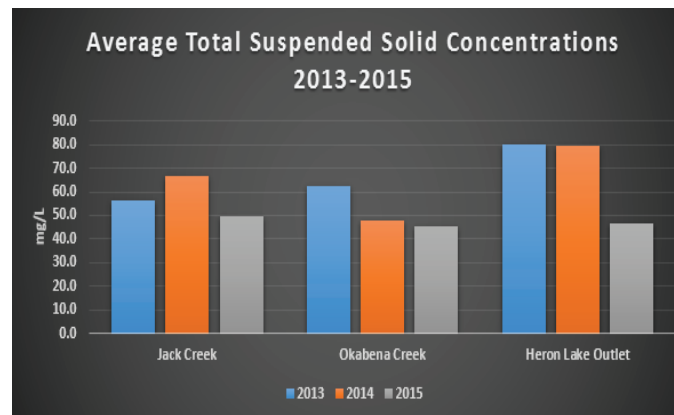
The grant provided funding for water sampling from 2013-2015. For over ten years, the HLWD has been collecting water samples at three key locations within the watershed area. They include: Jack Creek, Okabena Creek, and the Heron Lake Outlet. See map below.



Sampling Period



During the three year grant period, most sites showed a decline in TSS and TP.



Continuous Data

Total Suspended Solids (TSS) and Total Phosphorus (TP) are two of the main nutrients for which the water is analyzed each year. Water samples are collected by HLWD staff and sent to Minnesota Valley Testing Laboratory (MVTl) to be analyzed. All results are measured in a concentration and the average is taken at the end of the sampling season.

