

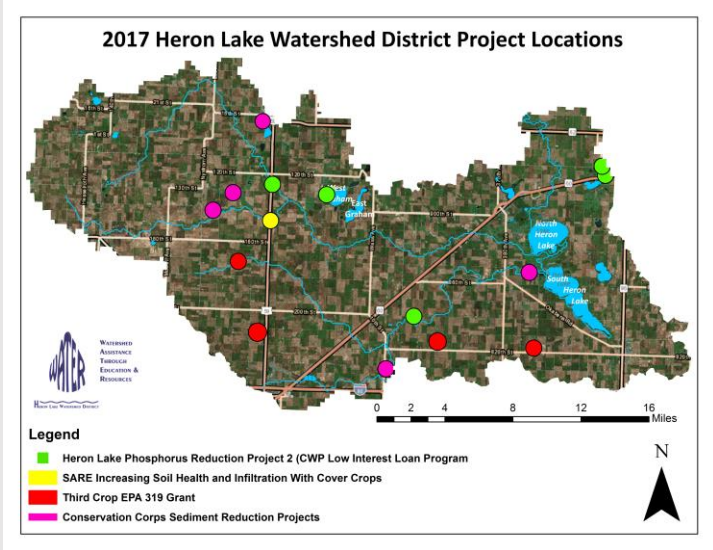
# Heron Lake Watershed District



Jackson County JD 30 Branch A-1 Construction



Cedar Revetment



HLWD Technician, Summer Interns, and MCC Crew

# Heron Lake Watershed District Activities

## Financial Information

Budget information taken from 2016 Annual Audit

### 2016 Expenses

|                         |           |
|-------------------------|-----------|
| BMP Implementation:     | \$141,208 |
| Monitoring:             | \$19,469  |
| Impaired Waters:        | \$58,501  |
| Flood Damage Reduction: | \$0       |
| Regulatory & Permits:   | \$1,079   |
| Public Drainage Systems | \$890,437 |
| Capital Improvement:    | \$0       |
| General Operations:     | \$62,245  |
| Education:              | \$98,150  |

**Total Expenses: \$1,271,089**



## Projects, Approaches, Accomplishments

**Heron Lake Phosphorus Reduction Project 2** through Clean Water Partnership Program for low interest loans for septic system replacement and conservation tillage equipment purchase.

**HL Third Crop Phosphorus Reduction Effort** through EPA 319 to establish 200 acres of cover crops annually for three years and develop a steering committee.

**WFDMR Major Watershed Project Phase 2** through MPCA for employing a watershed coordinator to develop a comprehensive Watershed Restoration and Protection Strategies (WRAPS) Report.

**HLWD Conservation Corps Minnesota Sediment Reduction Projects** through Clean Water Fund to implement two cedar revetment streambank stabilization projects and maintaining prairie restoration sites.

**WFDMR Targeting and Prioritizing Endeavor** through Clean Water Partnership to suitability for BMP placement, the effect of implementation on priority resources, and the measurable cost-effectiveness of pursuing opportunities to implement BMPs.

**Soil Health Research in Southwest Minnesota** through Department of Agriculture to Haney Soil Test and Soil Nitrate Test on cover crop fields established through an EPA 319 grant.

**Increasing Soil Health and Infiltration** through Sustainable Ag Research and Education to measure benefits of cover crops and soil health using the Haney Soil Test and infiltration test.

**HLWD Cover Crop Research Plots** to collect local long-term cover crop data over five years.

## Future Projects

*Contact landowners to assess the needs for BMP installation.*

*Implement grants as outlined in their work plans.*

*Pursue every option to educate and inform watershed residents as to how they can help improve the water quality within the watershed and beyond.*

*Seek additional funding mechanisms for existing and new projects and programs.*



Cover Crops after Corn Harvest