

SWCD's Who Are We & What Do We Do?

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What is a SWCD?

- **SWCD's are a local unit of government, established to encourage private landowners to conserve soil and water resources**
- **SWCD's are political subdivisions of the State**
- **Provide technical, financial and educational assistance to local private landowners to help them conserve our soil and water resources**
- **Most of our programs are voluntary**
- **We have a unique partnership with Federal, State, and Local Resource Agencies**
 - **Natural Resource Conservation Service (USDA)**
 - **Board of Water and Soil Resources, Dept of Natural Resources, Dept of Agriculture, Dept of Health, Pollution Control Agency,**
 - **County Land & Resource Department**

What do we do?

- Free technical assistance
- Engineering and design of conservation programs
 - Erosion control
 - Shoreline and streambank stability
 - Animal waste facilities (closure of old systems)
 - Tree and native grass plantings
 - Cover crop and soil health practices
- Financial assistance for conservation practices
 - Water and sediment control basins
 - Shoreline restoration and stabilization
 - Irrigation practices
 - Cover crops and soil health practices
 - Well sealing
 - Field Windbreaks
- Custom Services



Shoreline Buffers

A strip of shoreline planted to native vegetation (trees, shrubs, grasses and flowers) to help protect against shoreline erosion, infiltrate runoff, filter harmful pollutants from storm water runoff, and enhance fish, pollinators, and wildlife habitat.



Rain Gardens

A designed excavated basin (6-24 inches deep), usually planted with native grasses and flowers, that will capture and infiltrate storm water runoff from a 2-year rain event within 24-48 hours.



Shoreline/Bank Stabilization

Larger scale projects that require engineering and usually consist of hard armoring (rip rap) or other practices to stabilize a large hillside or bank.



Moonlight Bay Project



300 ft. Rock Lined Channel

Project Cost - \$37,000

- 90% Watershed Based Implementation Funding (State)
- 3.3%% Lake Lida Lid
- 3.3% Maplewood Township
- 3.4% Landowner

Estimated reductions

- 7.66 tons sediment/year
- 6.51 lbs. phosphorus/year























Questions?

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