

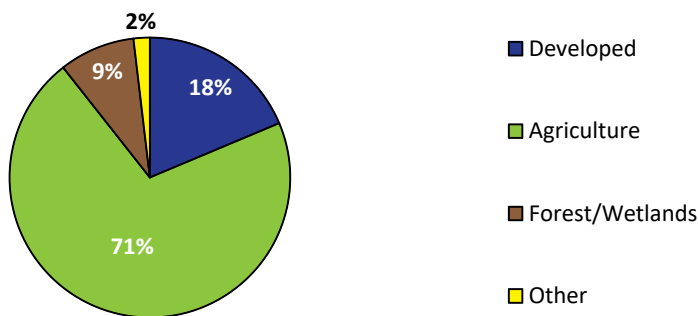
Geist Reservoir Nutrient and Sediment Load Reductions

Accomplished By Private Landowners and the Indiana Conservation Partnership

Eagle Creek Reservoir HUC:
0512020108



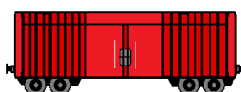
Major Land Use in the Geist Reservoir Watershed



*Land use calculated using 2017 NASS Cropland Data Layer

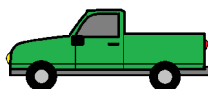
Top practices include use of cover crops, pollinator habitat, and tree and shrub establishment. In the year 2017, conservation practices in this watershed reduced the volumes below from entering Geist Reservoir.

Sediment Reduced: 1,779,977 lbs.
Which is enough to fill over eight standard freight cars!

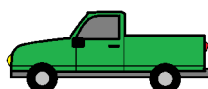


X 8.75

Phosphorus Reduced: 1,187 lbs.
Which is roughly enough to fill one 8' pickup truck bed!



Nitrogen Reduced: 2,414 lbs.
Which is roughly enough to fill over two 8' pickup truck beds!

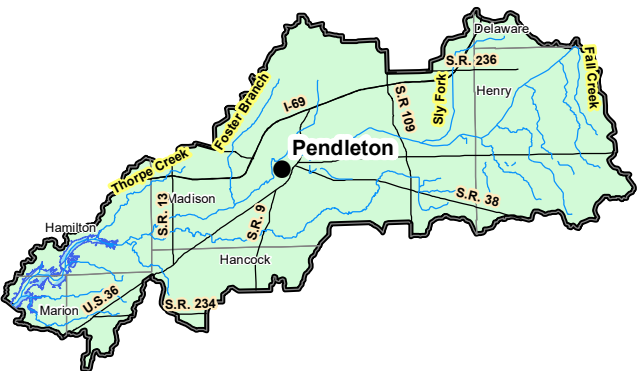


X 2.25

**Practices do not include the many unassisted practices designed and installed by private landowners without ICP assistance.

*Nutrient estimates only consider sediment bound N and P, not dissolved.

*Load reductions are based off the EPA's Region 5 Load Reduction Model



Legend

- Cities
- Streams
- Highways
- Counties
- ▨ Geist Reservoir
- Geist Reservoir Watershed

Calendar Year	Practices Installed	Active Practices	Sediment Reduction (lbs)	Phosphorus Reduction (lbs)	Nitrogen Reduction (lbs)
2013	16	16	2,596,729	1,718	3,433
2014	29	29	2,750,285	1,854	3,707
2015	11	25	972,179	615	1,271
2016	6	23	511,689	343	727
2017	18	35	1,779,977	1,187	2,414
13-17	80		8,610,859	5,717	11,552

*The "practices installed" column indicates the number of newly installed practices within a given calendar year, while the "active practices" column indicates the number of practices that are actively reducing sediment, nitrogen, and phosphorus loading regardless of the year of installation.

For more information visit: <http://www.in.gov/isda/2991.htm> or contact ISDANutrientReduction@isda.in.gov

Last Updated: 3/5/2018

Data provided by: Indiana State Department of Agriculture, Indiana Department of Environmental Management, Indiana Department of Natural Resources, Indiana Soil and Water Conservation Districts, and the USDA Natural Resources Conservation Service.