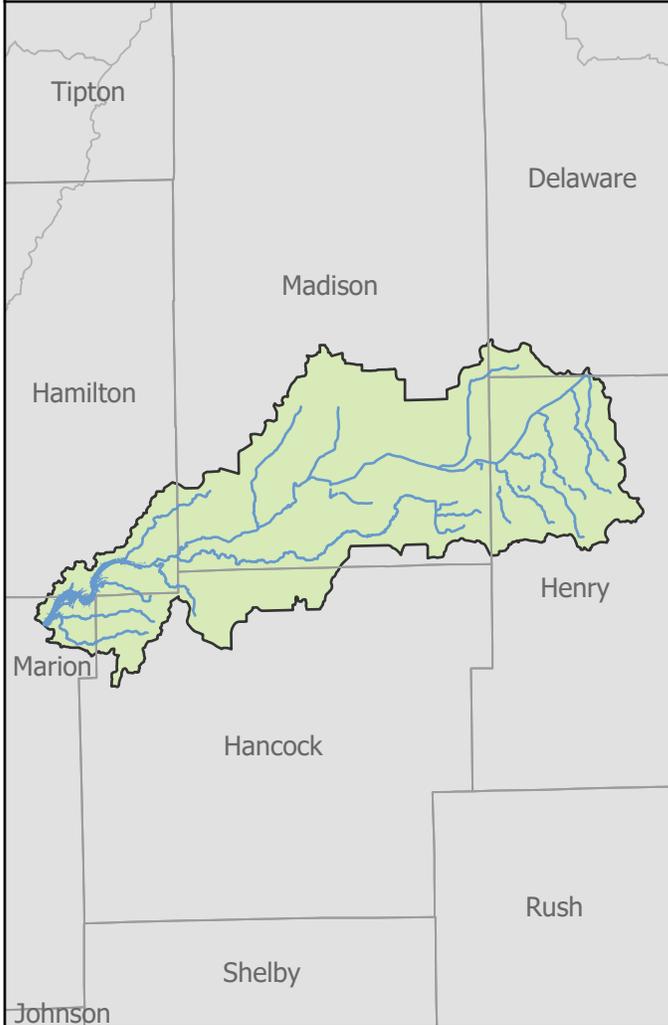
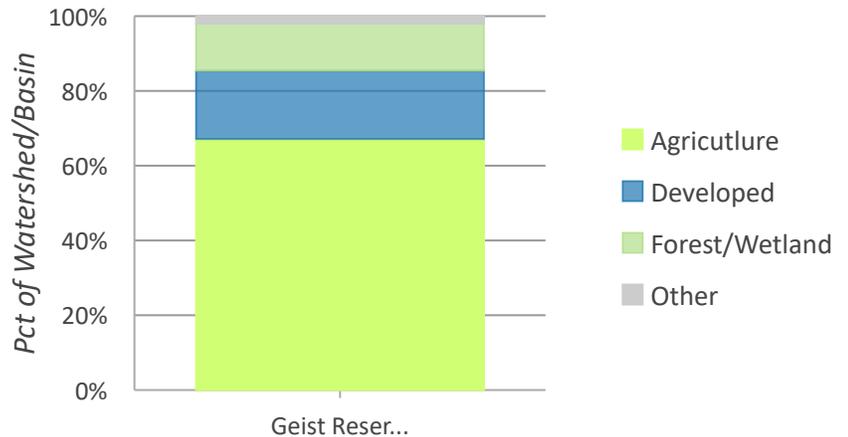


Geist Reservoir Watershed Nutrient and Sediment Load Reductions

Accomplished By Private Landowners and the Indiana Conservation Partnership



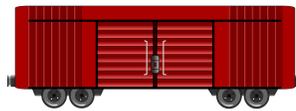
Comparison of Landuse Across Basin



Land use calculated using the 2020 NASS Cropland Data Layer

Sediment Reduced: 936,130 lbs.

Enough to fill 4.7 freight cars!



x 4.7

Phosphorus Reduced: 670 lbs.

Enough to fill 0.67 truck beds (8' bed)!



x 0.67

Nitrogen Reduced: 1,380 lbs.

Enough to fill 1.4 truck beds (8' bed)!



x 1.4

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 components. Load reductions are calculated using the EPA's Region 5 Load Reduction Model.

Calendar Year	Practices Installed	Active Practices	Sediment Reduction (lbs)	Phosphorus Reduction (lbs)	Nitrogen Reduction (lbs)
2015	11	25	972,180	615	1,275
2016	6	23	511,690	345	730
2017	18	35	1,779,975	930	2,415
2018	14	34	1,414,405	926	1,895
2019	25	45	3,708,025	2,520	5,075
2020	5	30	936,130	670	1,380
13-20	124		14,669,410	9,830	19,895

The "practices installed" column indicates the number of newly installed best management practices within a given calendar year, while the "active practices" column indicates the number of best management practices that are actively reducing sediment, nitrogen, and phosphorus loading regardless of the year of installation. Load reduction calculations have been rounded to the multiple of 5. Please Note: Calendar year 2013 and 2014 metrics are excluded from the table due to space limitations, but are present in the "13-20" summations.

For more information visit: <http://www.in.gov/isda/2991.htm> or contact ISDANutrientReduction@isda.in.gov
Last updated: 4/6/2021

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