

# Geist Reservoir - Fall Creek Watershed Nutrient and Sediment Load Reductions Accomplished By Private Landowners and the Indiana Conservation Partnership



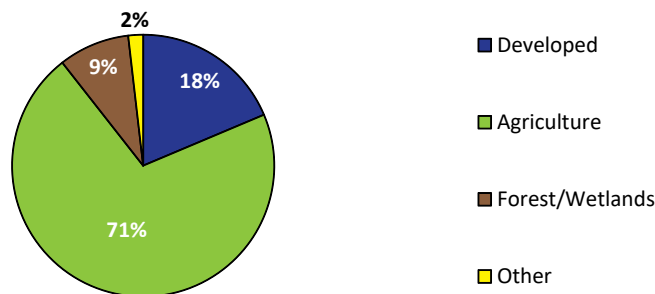
Geist Reservoir - Fall Creek  
HUC: 0512020108



## Legend

- Cities
- Rivers
- Highways
- Geist Reservoir
- Geist Reservoir - Fall Creek Watershed

## Major Land Uses in the Geist Reservoir - Fall Creek Watershed



\*Land use calculated using 2016 NASS Cropland Data Layer

Top practices include use of cover crops, residue and tillage management, and tree and shrub establishment. In the year 2016, conservation practices in this watershed reduced the volumes below from entering Geist Reservoir.

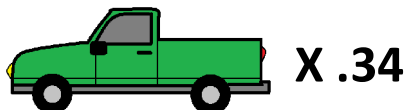
### Sediment Reduced: 511,689 lbs.

Which is enough to fill 2.5 standard freight cars!



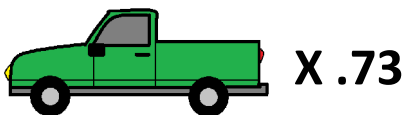
### Phosphorus Reduced: 343 lbs.

Which is enough to fill 1/3 pickup with an 8' bed (maximum load)!



### Nitrogen Reduced: 727 lbs.

Which is enough to fill 3/4 pickup with an 8' bed (maximum load)!



\*\*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

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
<b>2013-16</b>	<b>62</b>		<b>6,830,882</b>	<b>4,530</b>	<b>9,138</b>

\*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](mailto:ISDANutrientReduction@isda.in.gov)

Last Updated: 11/9/2017

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.