

Eagle Creek Reservoir Nutrient and Sediment Load Reductions

Accomplished By Private Landowners and the Indiana Conservation Partnership

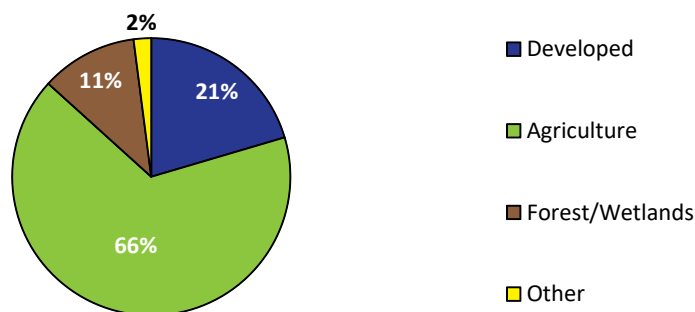
Eagle Creek Reservoir HUCs:
 051202011106
 051202011102
 051202011103
 051202011105
 051202011108
 051202011101
 051202011107
 051202011104



Legend

- Cities
- Streams
- Highways
- Counties
- ▨ Eagle Creek Reservoir
- Eagle Creek Reservoir Watershed

Major Land Use in the Eagle Creek Reservoir Watershed



*Land use calculated using 2017 NASS Cropland Data Layer

Top practices include use of cover crops, conservation cover, and no till. In the year 2017, conservation practices in this watershed reduced the volumes below from entering Eagle Creek Reservoir.

Sediment Reduced: 3,472,333 lbs.
 Which is enough to fill over 17 standard freight cars!



Phosphorus Reduced: 1,955 lbs.
 Which is roughly enough to fill two 8' pickup truck beds!



Nitrogen Reduced: 3,808 lbs.
 Which is roughly enough to fill over three 8' pickup truck beds!



**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	6	6	604,362	413	824
2014	6	6	314,307	171	341
2015	14	18	1,247,879	661	1,221
2016	21	34	3,151,685	1,732	3,362
2017	27	40	3,472,333	1,955	3,808
13-17	74		8,790,566	4,931	9,557

*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.