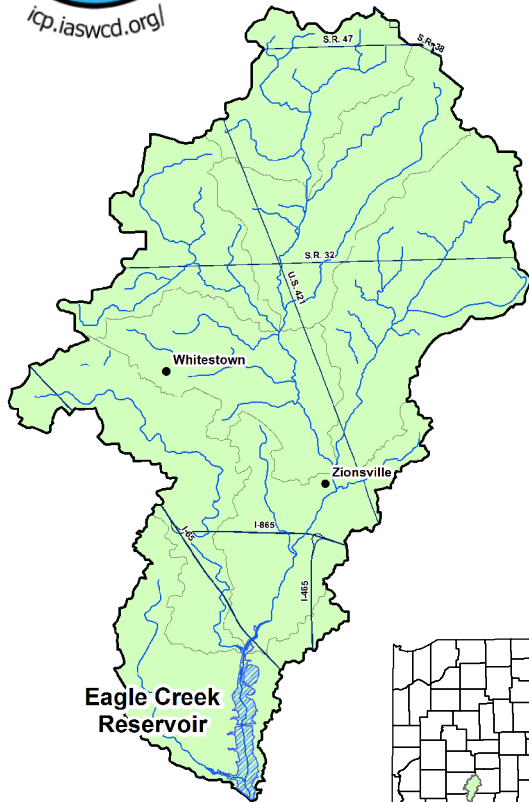


Eagle Creek Reservoir Nutrient and Sediment Load Reductions

Accomplished By Private Landowners and the Indiana Conservation Partnership



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

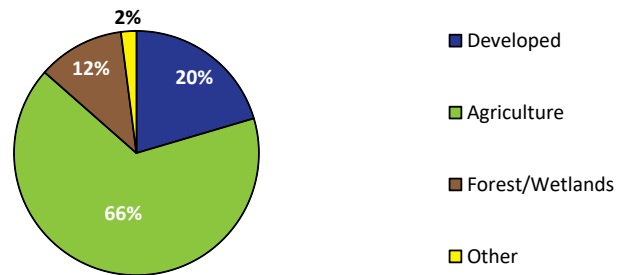


Legend

- Cities
- Streams
- Highways
- Eagle Creek Reservoir
- HUC 12 Watersheds
- Eagle Creek Reservoir Watersheds



Major Land Uses in the Eagle Creek Reservoir Watershed

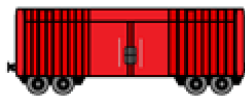


*Land use calculated using 2016 NASS Cropland Data Layer

Top practices include use of cover crops, residue and tillage management no-till, and grassed waterways. In the year 2016, conservation practices in this watershed reduced the volumes below from entering Eagle Creek Reservoir.

Sediment Reduced: 5,318,233 lbs.

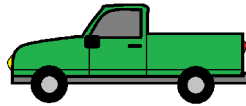
Which is enough to fill 26.5 standard freight cars!



X 26.5

Phosphorus Reduced: 2,976 lbs.

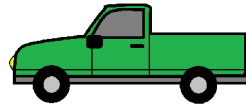
Which is enough to fill 35 pick-ups with an 8' bed (maximum load)!



X 35

Nitrogen Reduced: 5,749 lbs.

Which is enough to fill 503 pick-ups with an 8' bed (maximum load)!



X 503

**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		Sediment	Phosphorus	Nitrogen
	Installed	Active Practices	Reductions (lbs)	Reductions (lbs)	Reductions (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
13-16	47		5,318,233	2,976	5,749

*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: 11/27/2017

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.