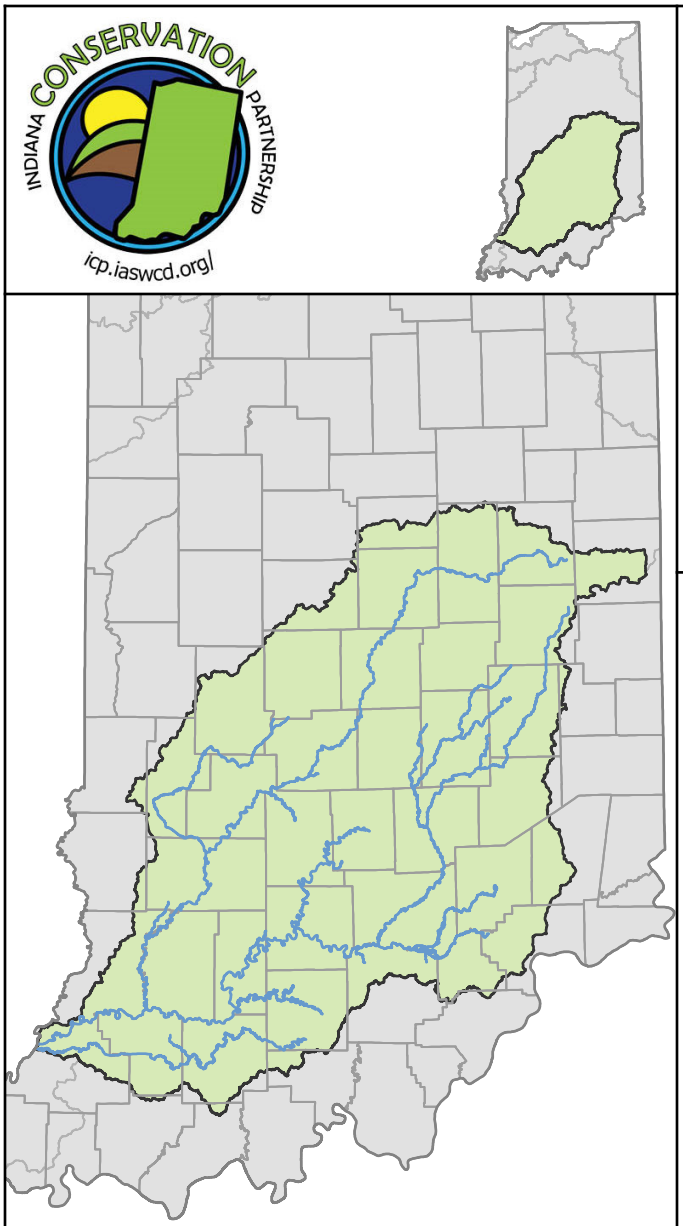
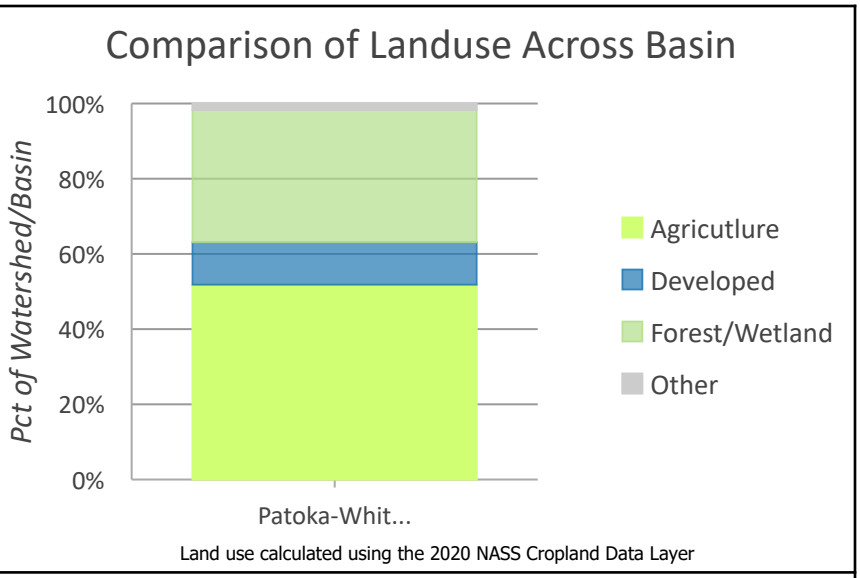
Patoka-White River Basin Nutrient and Sediment Load Reductions

Accomplished By Private Landowners and the Indiana Conservation Partnership

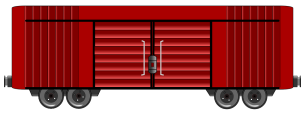




Land use calculated using the 2020 NASS Cropland Data Layer

Sediment Reduced: 1,339,965,040 lbs.

Enough to fill 6,700 freight cars!



x 6,700

Phosphorus Reduced: 663,015 lbs.

Enough to fill 660 truck beds (8' bed)!

x 660

Nitrogen Reduced: 1,327,775 lbs.

Enough to fill 1,300 truck beds (8' bed)!

x 1,300

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	3,393	5,167	1,003,499,355	482,970	968,125
2016	3,169	5,575	889,288,215	429,170	860,435
2017	3,723	6,956	1,105,611,585	506,290	1,068,540
2018	4,325	8,262	1,034,281,930	506,287	1,014,755
2019	4,714	9,772	1,141,176,450	564,650	1,131,330
2020	6,012	11,874	1,339,965,040	663,010	1,327,775
13-20	**31,876**		**7,996,854,635**	**3,896,050**	**7,805,910**

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 Managment, Indiana Soil and Water Conservation Districts, and the USDA Natural Resource Conservation Service.