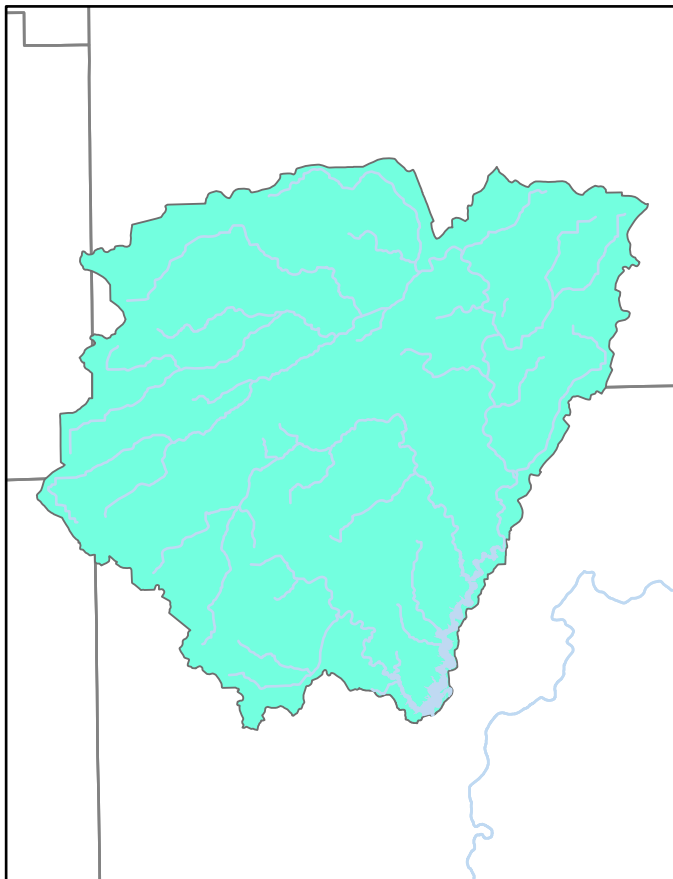
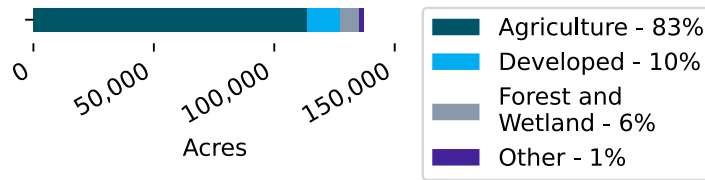


2023 Morse Reservoir Nutrient and Sediment Load Reductions Accomplished By Private Landowners and the Indiana Conservation Partnership

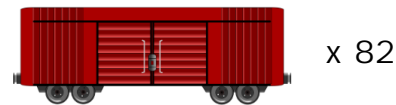


Comparison of Land Use Across Basin



Sediment Reduced: 16,357,097 lbs.

Enough to fill 82 freight cars!



Phosphorus Reduced: 11,854 lbs.

Enough to fill 12 truck beds (8' bed)!



Nitrogen Reduced: 23,448 lbs.

Enough to fill 23 truck beds (8' bed)!



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.

Year	Active Practices	Practices Installed	Sediment Reduction (lbs)	Phosphorus Reduction (lbs)	Nitrogen Reduction (lbs)
2018	47	28	3,420,122	2,490	4,753
2019	50	27	3,366,642	2,440	4,647
2020	57	26	6,894,544	5,128	10,010
2021	83	40	10,518,541	7,727	15,207
2022	106	40	14,360,374	10,489	20,721
2023	132	53	16,357,097	11,854	23,448
2013-23	-	337	70,228,297	51,000	99,805

The "practices installed" column indicates the number of newly installed practices within a given year, while the "active practices" column indicates the number of practices that are actively reducing sediment and nutrient loading regardless of the year of installation. Please Note: Calendar year 2013 through 2017 metrics are excluded from the table due to space limitations, but are present in the "2013-23" summations.

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.

For more information visit:
<http://www.in.gov/isda/2991.htm>
 or contact ISDA NutrientReduction@isda.in.gov
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