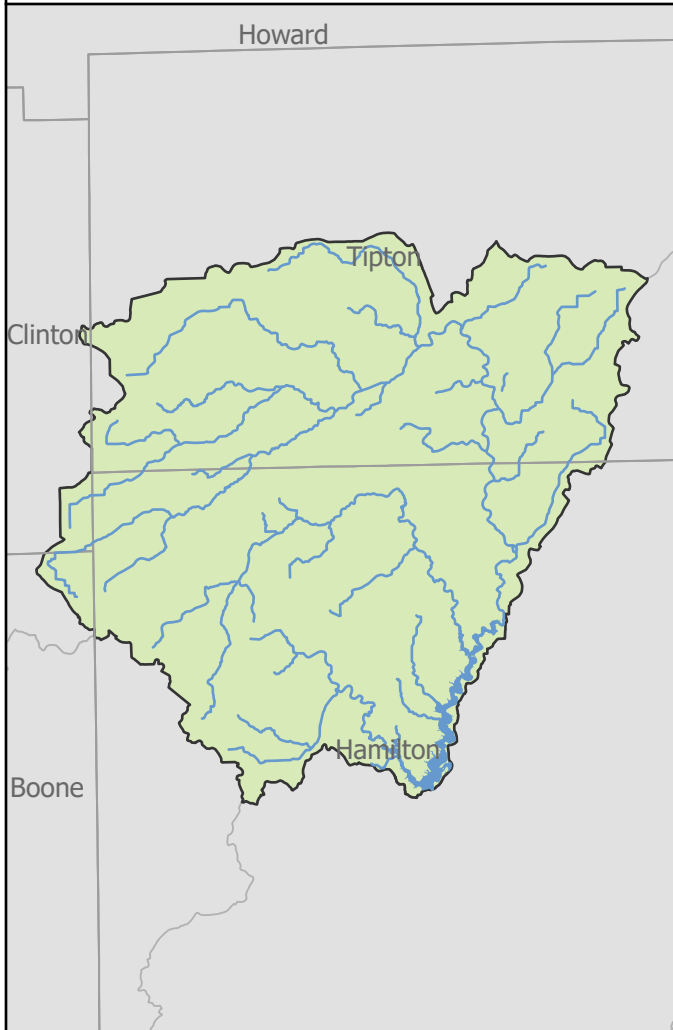
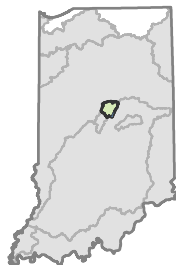


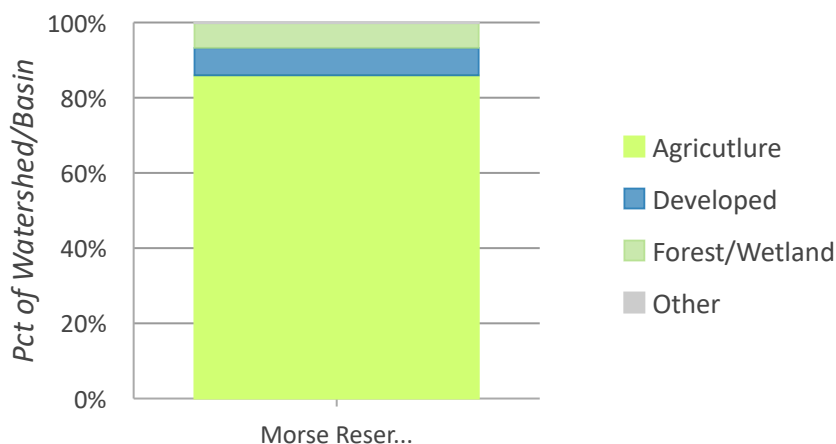
Morse Reservoir Watershed Nutrient and Sediment Load Reductions

Accomplished By Private Landowners and the Indiana Conservation Partnership



- Basin / Watershed
- County Boundaries
- Streams/Rivers
- Reservoirs

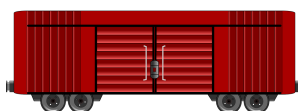
Comparison of Landuse Across Basin



Land use calculated using the 2020 NASS Cropland Data Layer

Sediment Reduced: 6,894,545 lbs.

Enough to fill 34 freight cars!



x 34

Phosphorus Reduced: 5,130 lbs.

Enough to fill 5.1 truck beds (8' bed)!



x 5.1

Nitrogen Reduced: 10,010 lbs.

Enough to fill 10 truck beds (8' bed)!



x 10

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	17	25	2,501,235	1,885	3,530
2016	25	40	3,365,530	2,465	4,695
2017	21	39	3,745,115	2,495	5,240
2018	28	47	3,420,125	2,490	4,755
2019	27	50	3,366,645	2,440	4,650
2020	27	58	6,894,545	5,130	10,010
13-20	205		28,992,290	20,935	40,430

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