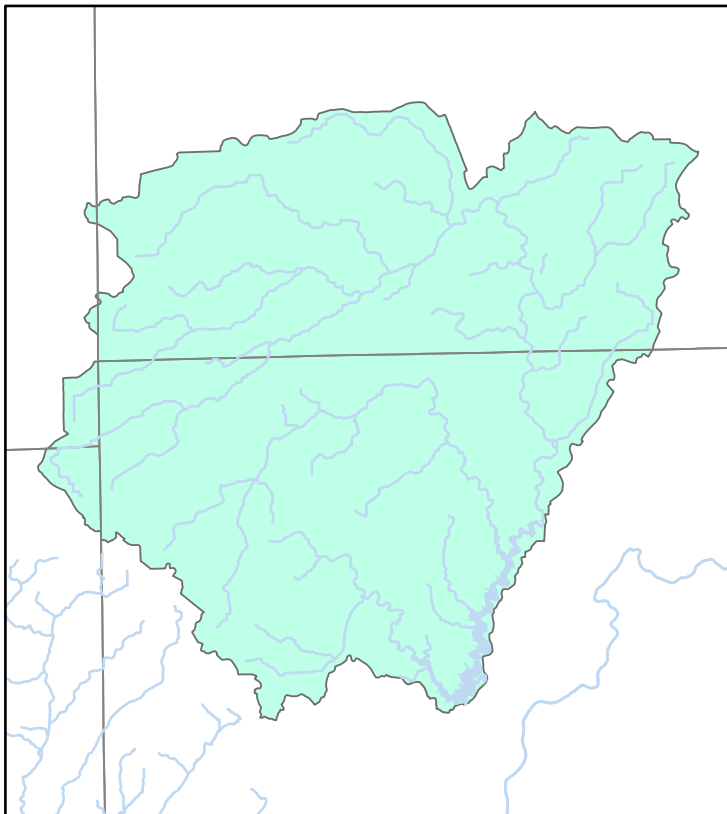
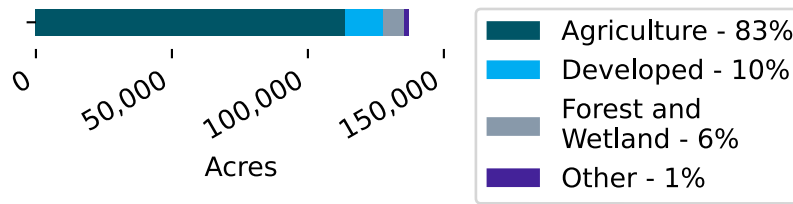


Morse Reservoir Nutrient and Sediment Load Reductions

Accomplished By Private Landowners and the Indiana Conservation Partnership



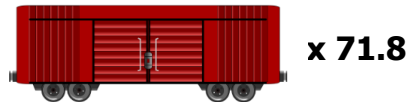
Comparison of Land Use Across Basin



— Stream / Rivers
 — Reservoirs
 — Basin / Watershed
 — County Boundaries

Sediment Reduced: 14,360,374 lbs.

Enough to fill 71.8 freight cars!



Phosphorus Reduced: 10,489 lbs.

Enough to fill 10.5 truck beds (8' bed)!



Nitrogen Reduced: 20,721 lbs.

Enough to fill 20.7 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 | Practices Installed | Active Practices | Sediment Reduction (lbs) | Phosphorus Reduction (lbs) | Nitrogen Reduction (lbs) |
|---------|---------------------|------------------|--------------------------|----------------------------|--------------------------|
| 2017 | 21 | 39 | 3,745,115 | 2,736 | 5,236 |
| 2018 | 28 | 47 | 3,420,122 | 2,490 | 4,753 |
| 2019 | 27 | 50 | 3,366,642 | 2,440 | 4,647 |
| 2020 | 26 | 57 | 6,894,544 | 5,128 | 10,010 |
| 2021 | 40 | 83 | 10,518,541 | 7,727 | 15,207 |
| 2022 | 40 | 106 | 14,360,374 | 10,489 | 20,721 |
| 2013-22 | 284 | - | 53,871,201 | 39,146 | 76,357 |

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 2016 metrics are excluded from the table due to space limitations, but are present in the "2013-22" 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 ISDANutrientReduction@isda.in.gov
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