

2014 Morse Reservoir Nutrient and Sediment Load Reductions

Accomplished by Private Landowners and the Indiana Conservation Partnership.



HUC10: 0512020106
 HUC14: 05120201080110
 *HUCs are part of a numeric system used to identify specific watersheds.



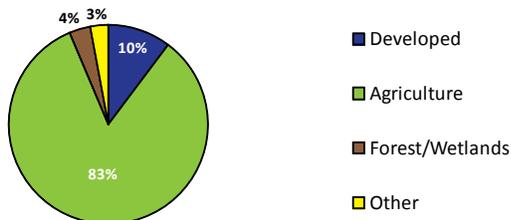
Legend

- Cities
- Highways
- Morse Reservoir
- HUC 14 Watershed
- HUC 10 Watershed

Morse Reservoir Quick Facts:

Constructed: 1956
Primary Inflow: Cicero Creek
Surface Area: 1,439 acres
Uses: Drinking Water, Recreation
Watershed Area: 144,252 acres

Major Land Uses in Morse Reservoir Watershed



*Landuse based off USGS layer data.

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.

To learn more about Indiana's Nutrient Reduction Strategy please visit isda.in.gov

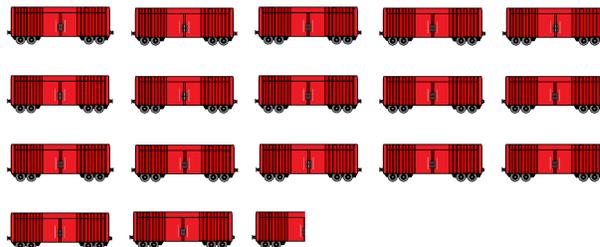
Total Practices: 45

Top practices include use of cover crops, residue and tillage management, filter strips, and riparian herbaceous cover. Conservation practices in this watershed have reduced the volumes below from entering Morse Reservoir.

*Nutrient estimates only consider sediment bound N and P, not dissolved.
 **Practices do not include the many unassisted practices designed and installed solely by a private landowner without ICP assistance.

Sediment: 3,512,000 lbs.

Which is enough to fill about 17 and a half freight cars!



Phosphorus: 2,328 lbs.

Which is enough to fill about 2 and a quarter 8' pickup truck beds.



Nitrogen: 4,480 lbs.

Which is enough to fill approximately 4 and a half 8' pickup truck beds.



*Load reductions based off the EPA region 5 load reduction model.