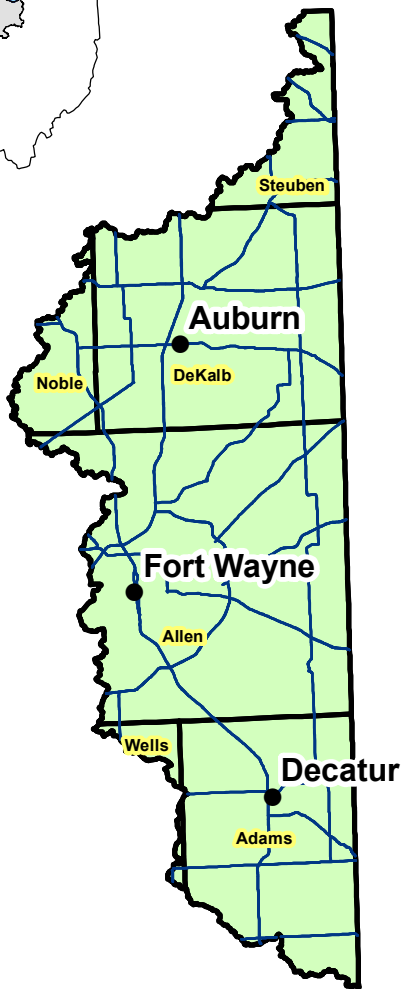
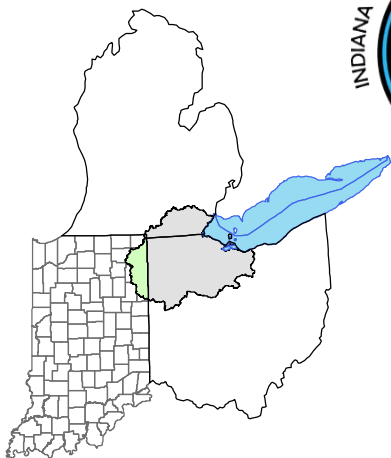


# Western Lake Erie Basin Nutrient and Sediment Load Reductions Accomplished By Private Landowners and the Indiana Conservation Partnership

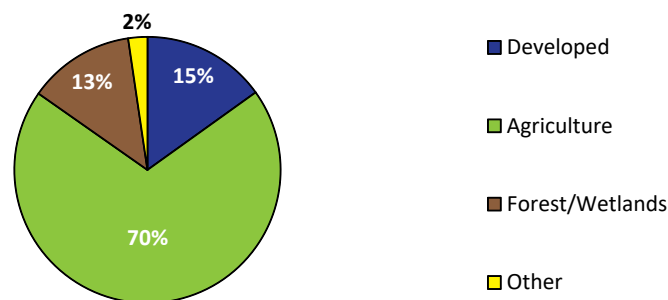
Western Lake Erie Basin HUC: 0410



## Legend

- Cities
- Highways
- Counties
- Western Lake Erie Basin

## Major Land Use in the Western Lake Erie Basin (Indiana)



\*Land use calculated using 2017 NASS Cropland Data Layer

Top practices include use of cover crops, conservation cover, and no till. In the year 2017, conservation practices in this watershed reduced the volumes below from entering Lake Erie.

### Sediment Reduced: 134,319,578 lbs.

Which is enough to fill 671 standard freight cars!



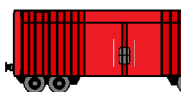
### Phosphorus Reduced: 79,757 lbs.

Which is roughly enough to fill one-fourth of a standard freight car!



### Nitrogen Reduced: 161,372 lbs.

Which is roughly enough to fill three-fourths of a standard freight car!



\*\*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.

\*Load reductions are based off the EPA's Region 5 Load Reduction Model

Calendar Year	Practices Installed	Active Practices	Sediment Reduction (lbs)	Phosphorus Reduction (lbs)	Nitrogen Reduction (lbs)
2013	733	733	102,000,275	58,721	119,310
2014	471	573	69,349,650	39,728	81,346
2015	823	1,007	105,006,120	62,316	126,493
2016	888	1,117	109,751,503	65,649	133,151
2017	1,197	1,446	134,319,578	79,757	161,372
<b>13-17</b>	<b>4,112</b>		<b>520,427,126</b>	<b>306,172</b>	<b>621,672</b>

\*The "practices installed" column indicates the number of newly installed practices within a given calendar year, while the "active practices" column indicates the number of practices that are actively reducing sediment, nitrogen, and phosphorus loading regardless of the year of installation.

For more information visit: <http://www.in.gov/isda/2991.htm> or contact [ISDANutrientReduction@isda.in.gov](mailto:ISDANutrientReduction@isda.in.gov)

Last Updated: 3/1/2018

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.