



## **APPENDIX B: INTEGRATED REPORT FIGURES**

Figure 1: IDEM's surface water monitoring sites sampled 2011-2019.

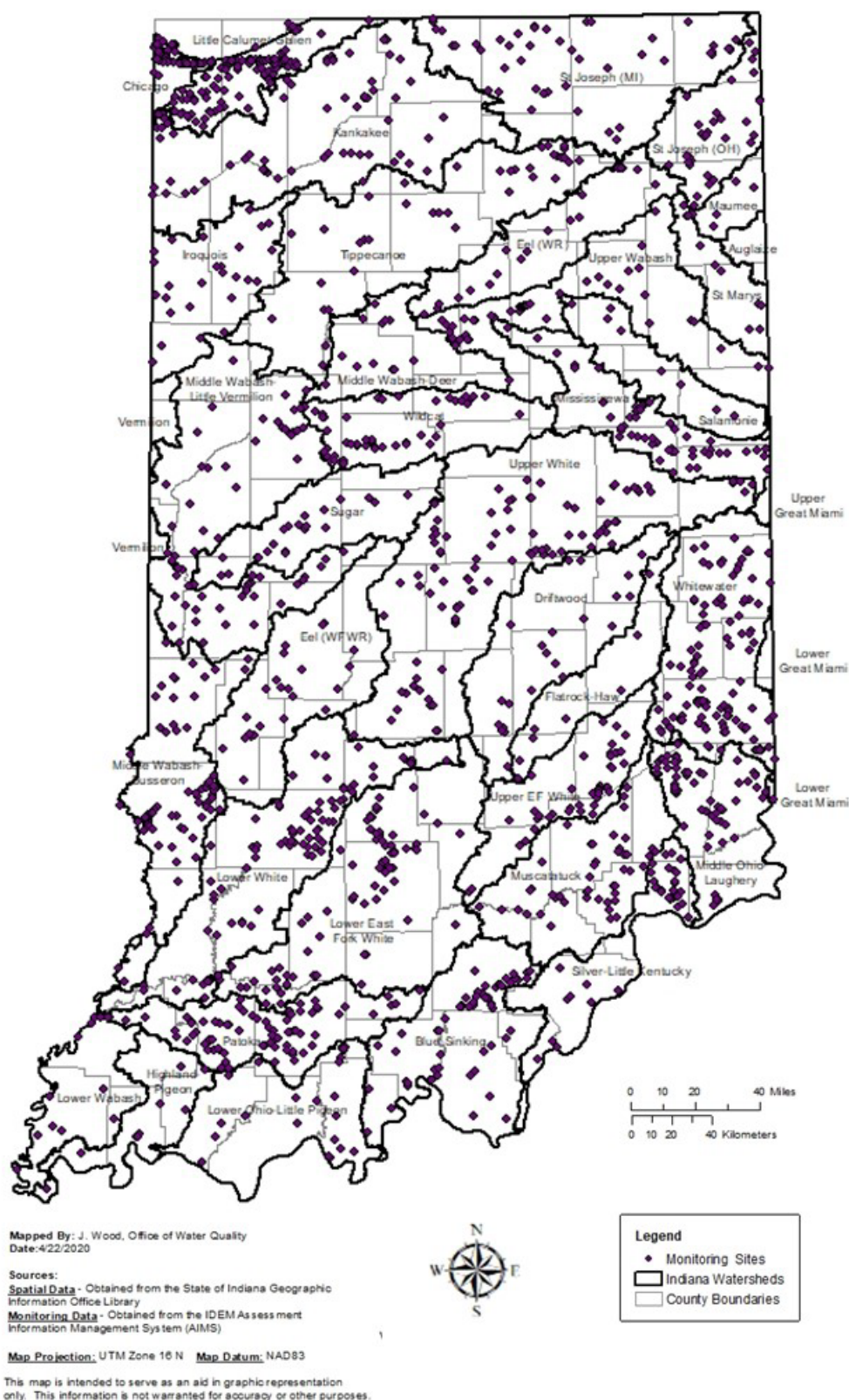


Figure 2: State Revolving Fund Clean Water Program projects, 1992-2020.

## Legend

- Location of Closed Clean Water Loan Projects
- Rivers and Streams

## Watersheds

- Great Miami
- Lower Ohio
- Lower Ohio-Salt
- Middle Ohio-Little Miami
- Patoka-White
- Southeastern Lake Michigan
- Southwestern Lake Michigan
- Upper Illinois
- Wabash
- Western Lake Erie



Figure 3: State Revolving fund Drinking Water Program projects, 1999-2020.





Figure 4: Location of the Tributary to South Fork Wildcat Creek within the South Fork Wildcat Creek Watershed.

# Jenkins Ditch-South Fork Wildcat Creek 12-HUC Subwatershed

**INDIANA**

**South Fork Wildcat Creek Watershed**

**Michigantown**

**Legend**

- Unnamed Trib to SF Wildcat INB0738\_T1002
- Streams
- Roads
- HUC 12
- Cities and Towns

0 1 2 4 Miles

0 1 2 4 Kilometers

**Map Projection:** UTM Zone 18 N **Map Datum:** NAD83

**Maped By:** Angie Brown, Office of Water Quality  
**Date:** 08/16/2018

**Sources:**  
**Data:** - Obtained from the State of Indiana  
Geographic Information Office Library  
**Map Projection:** UTM Zone 18 N **Map Datum:** NAD83

This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

Figure 5: Location of Boyles Ditch within the South Fork Wildcat Creek Watershed.

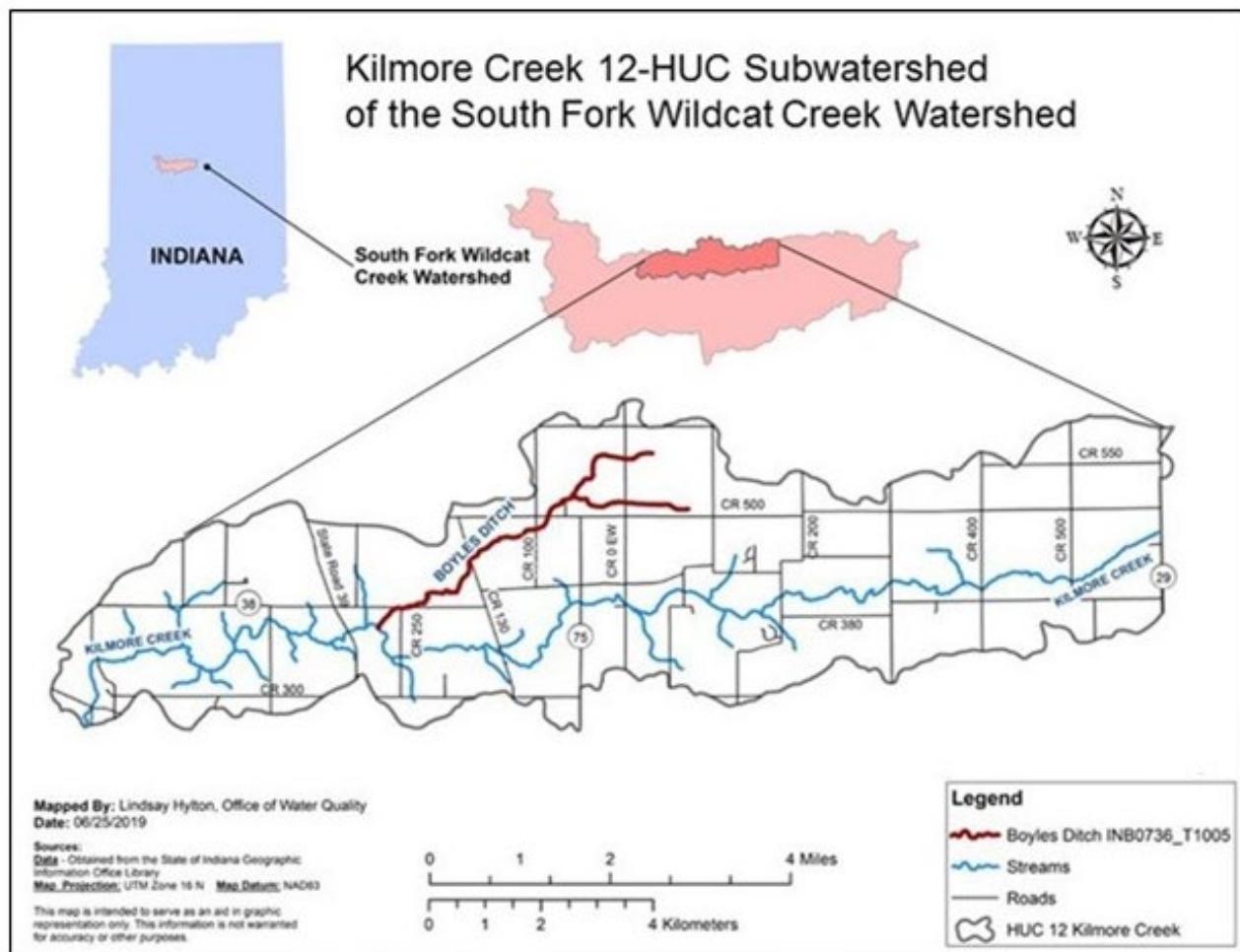




Figure 6. IDEM's nine-year rotating basin monitoring schedule for 2011-2019.

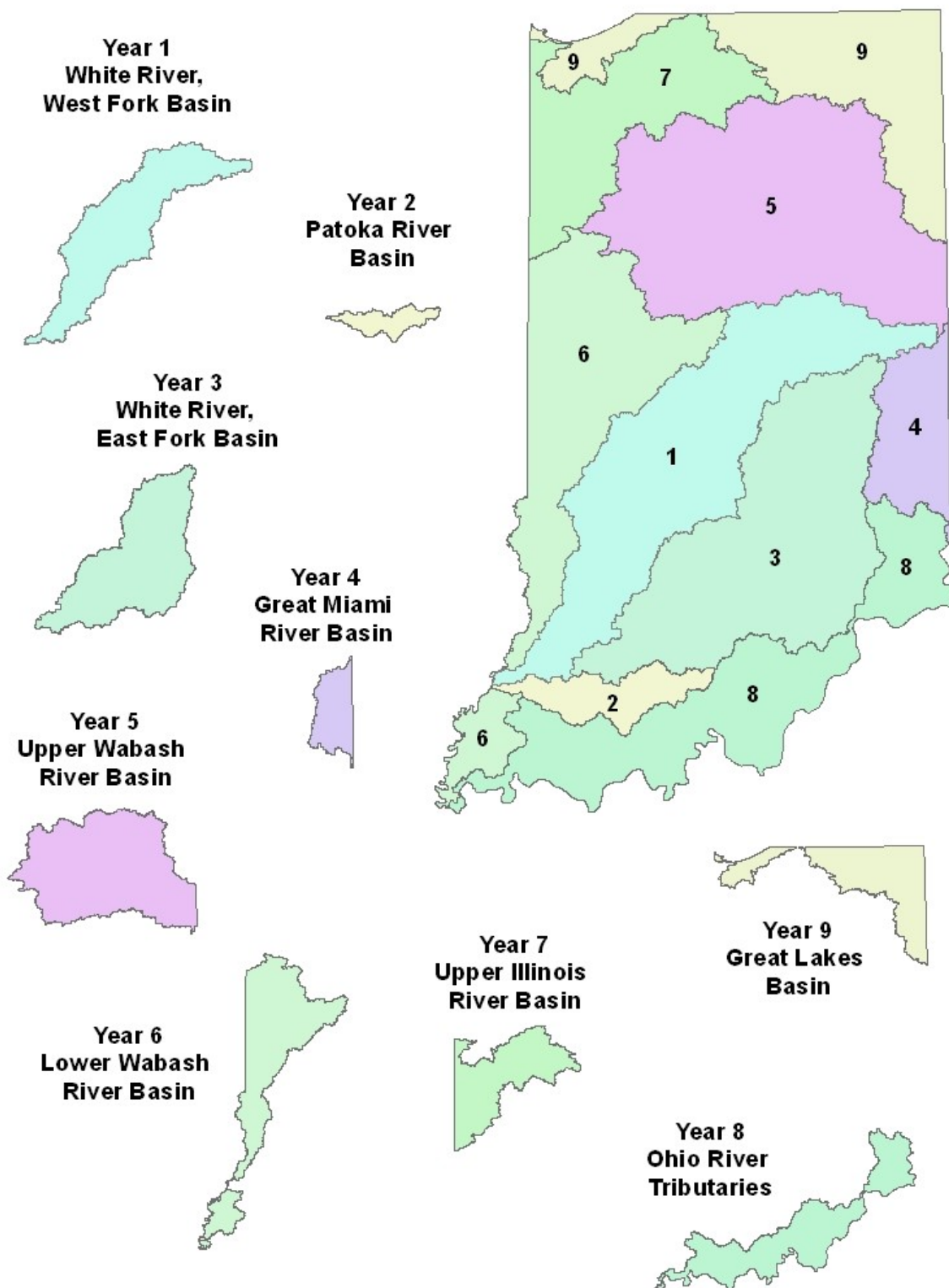


Figure 7: Decision-making process for determining Consolidated List categories for Indiana waters.

Water quality assessments and Consolidated Listing decisions are made for each beneficial use designated in Indiana's water quality standards (WQS). Assessments for each beneficial use are made by comparing the available data against the applicable narrative and numeric criteria expressed in the WQS. Waterbody assessment units (AU) are then placed in the appropriate category of Indiana's Consolidated List for the beneficial use assessed as shown below. A waterbody AU may appear in different categories depending on the information available for a given beneficial use.

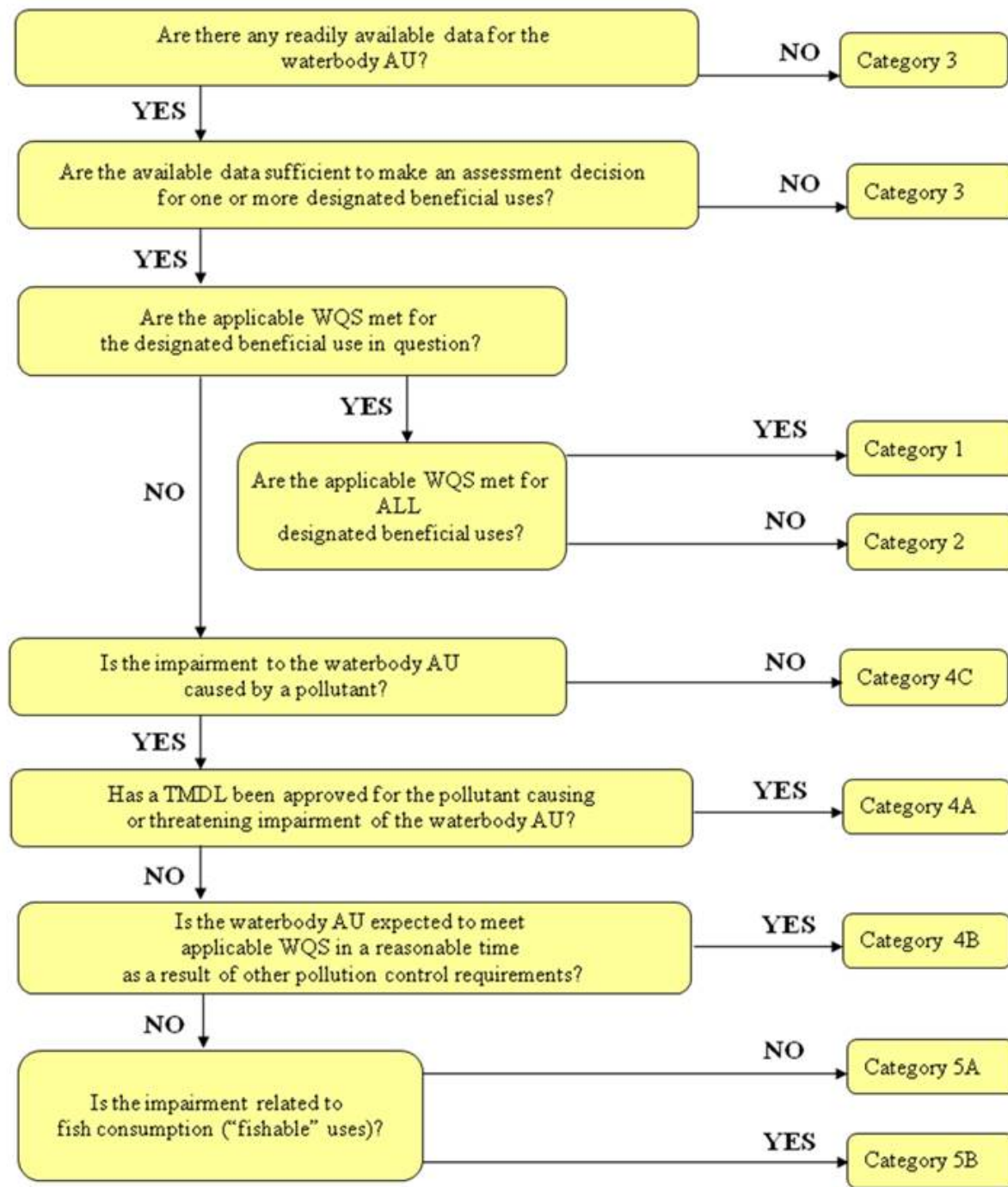




Figure 8: IDEM's statewide groundwater monitoring network sites shown within Indiana's various hydrogeologic settings.

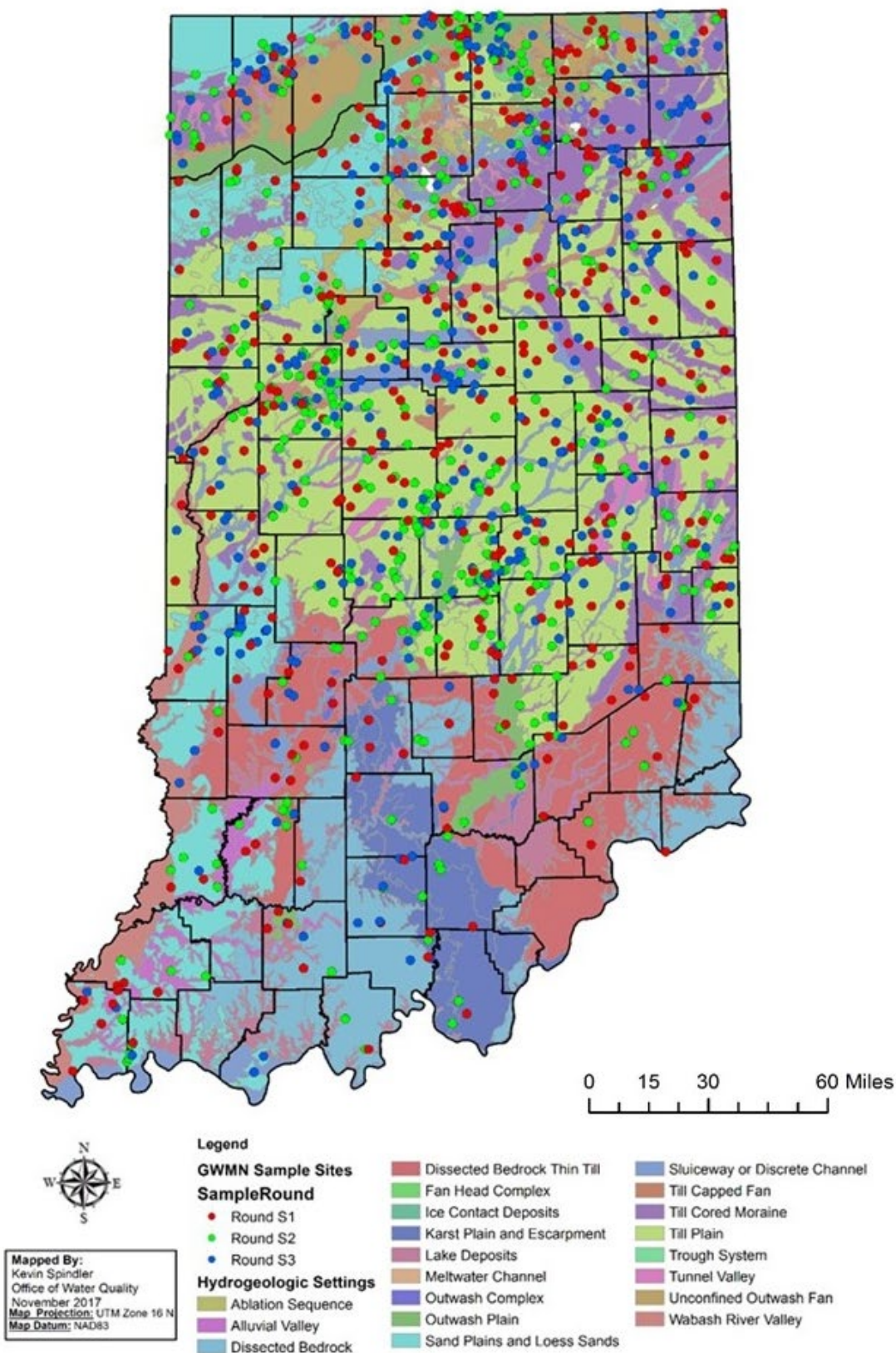


Figure 9: Groundwater monitoring results for nitrogen (as nitrate-nitrite), shown within areas of aquifer sensitivity identified by Letsinger (2015).

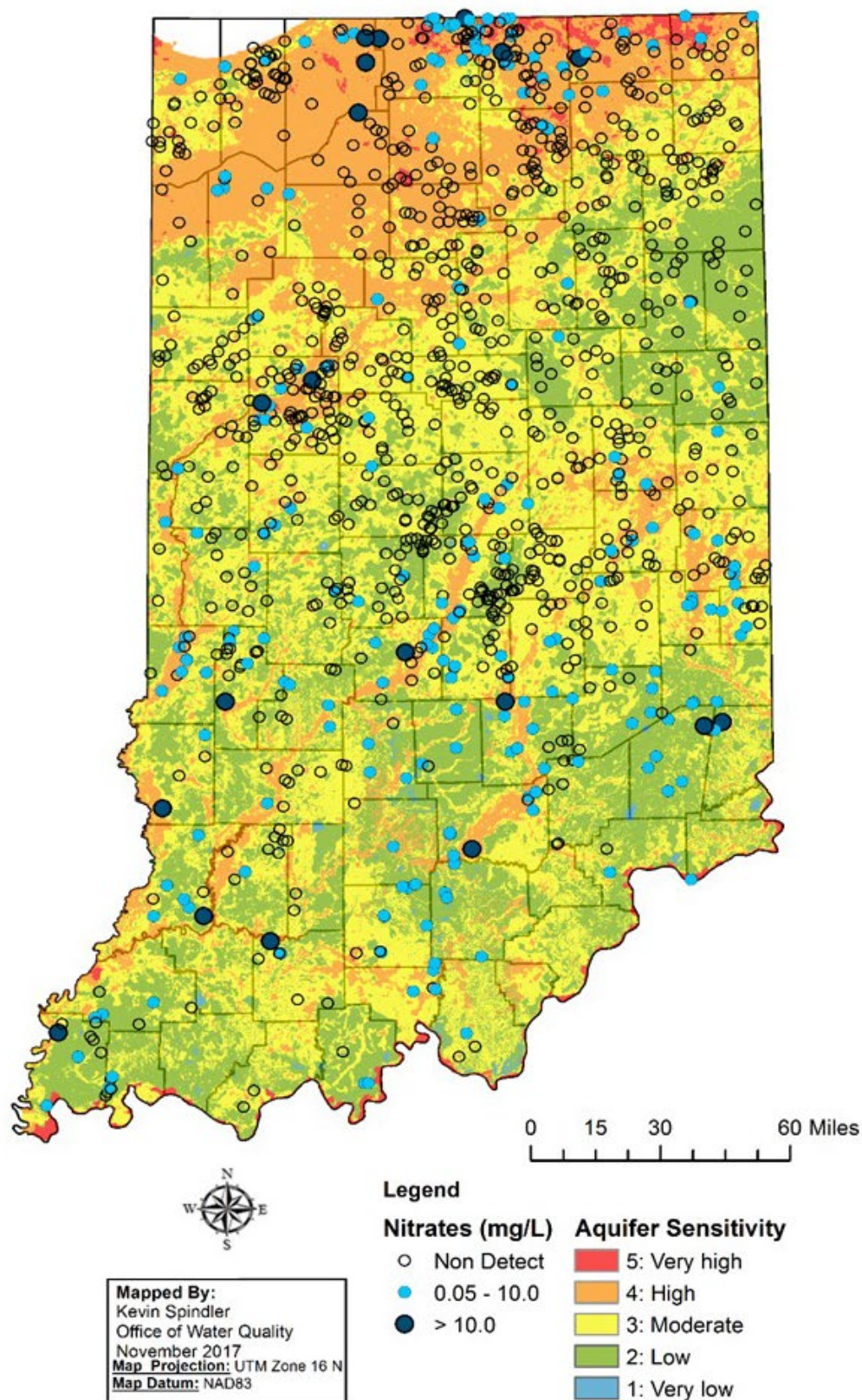




Figure 10: Groundwater monitoring results for arsenic, shown within Indiana's various hydrogeologic settings

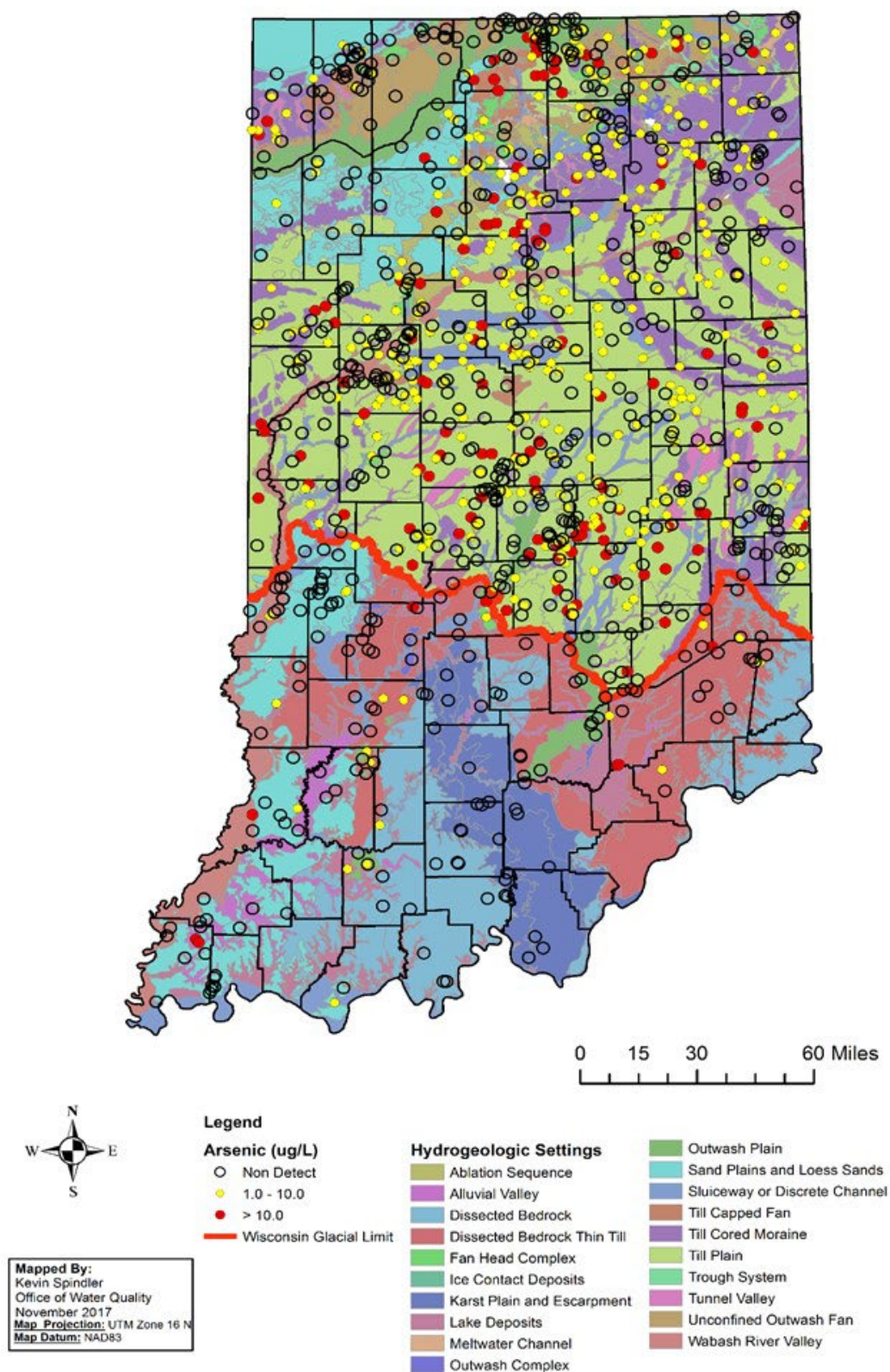




Figure 11: Groundwater monitoring results for pesticide degradates acetochlor ESA and OA shown within areas of aquifer sensitivity identified by Letsinger (2015).

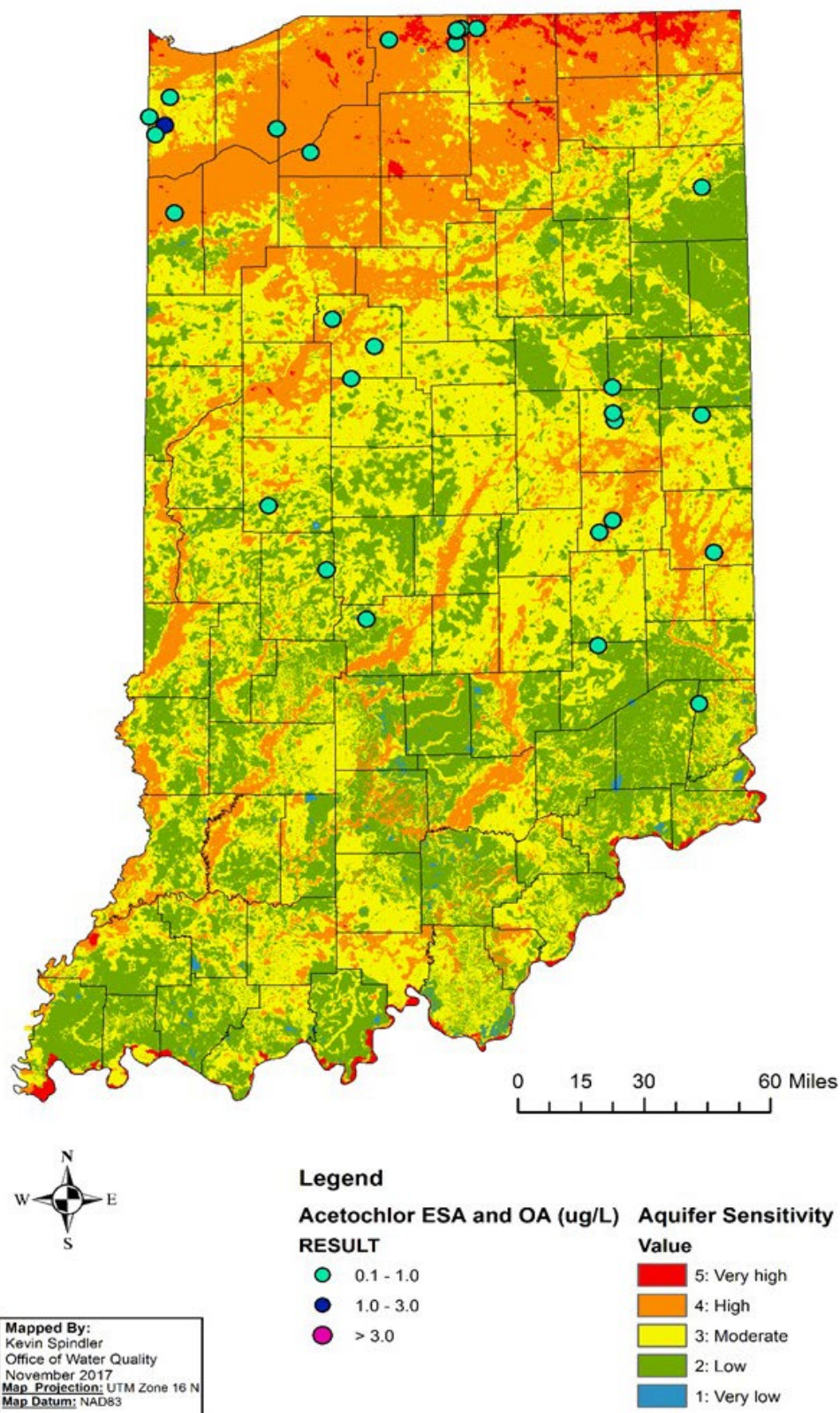


Figure 12: Groundwater monitoring results for pesticide degradatesalachlor ESA and OA shown within areas of aquifer sensitivity identified by Letsinger (2015).

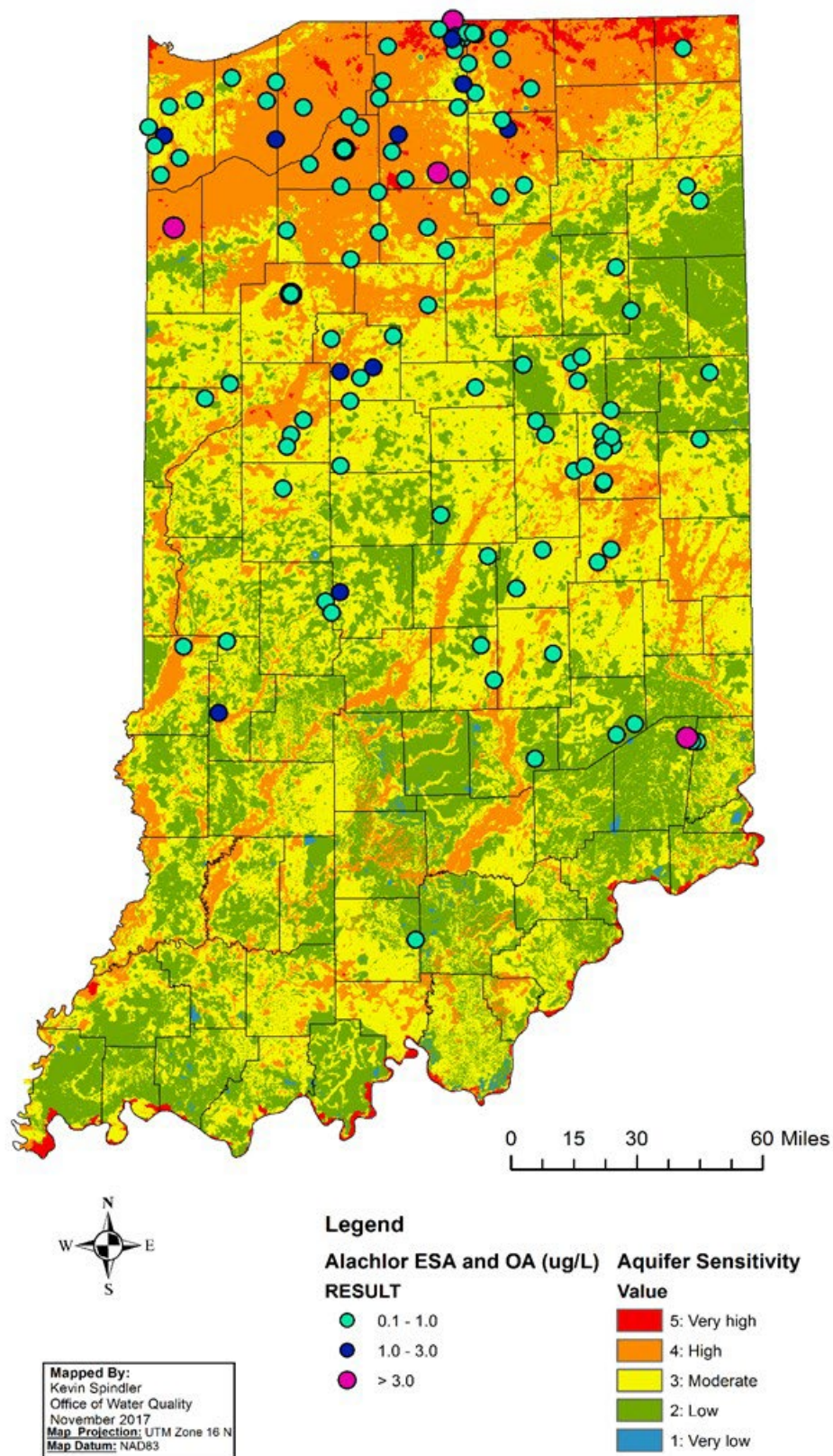




Figure 13: Groundwater monitoring results for pesticide degradates metolachlor ESA and OA shown within areas of aquifer sensitivity identified by Letsinger (2015).

