APPENDIX B: 2024 INTEGRATED REPORT FIGURES

Figure B-1: IDEM's nine-year rotating basin monitoring schedule for 2022-2030.

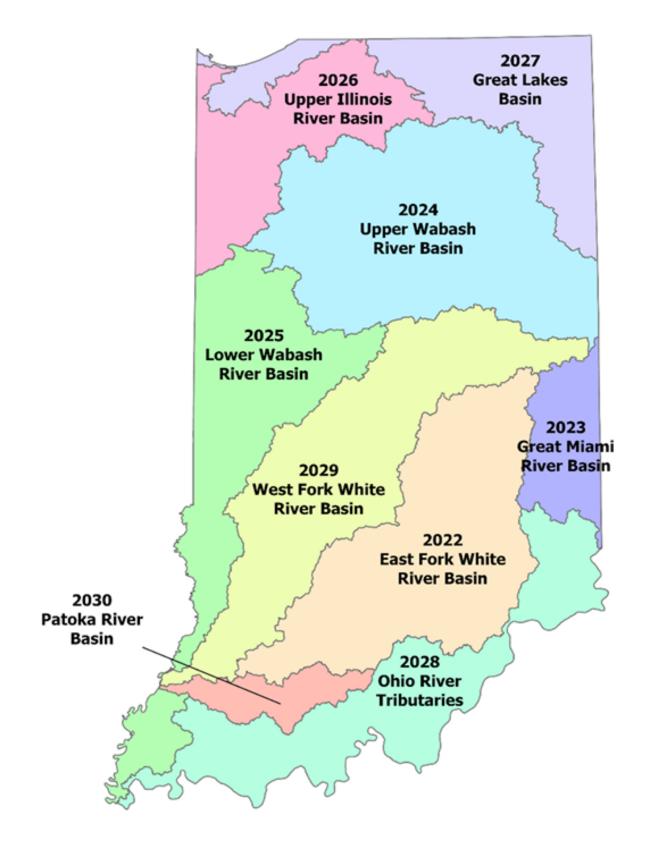


Figure 2: IDEM's surface water monitoring sites sampled 2015-2023.

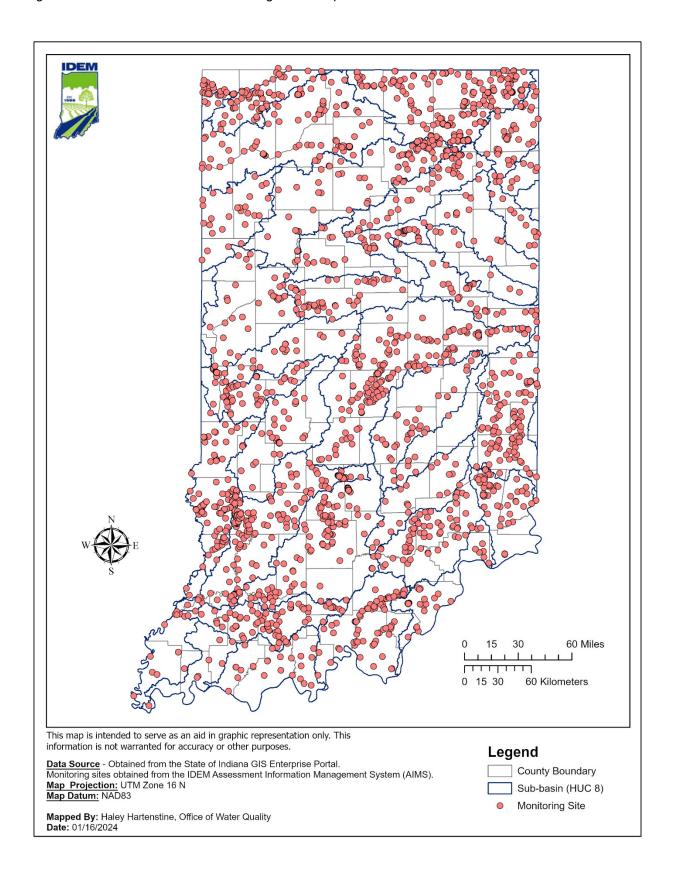


Figure B-3: State Revolving Fund Clean Water Program projects, 1992-2023.

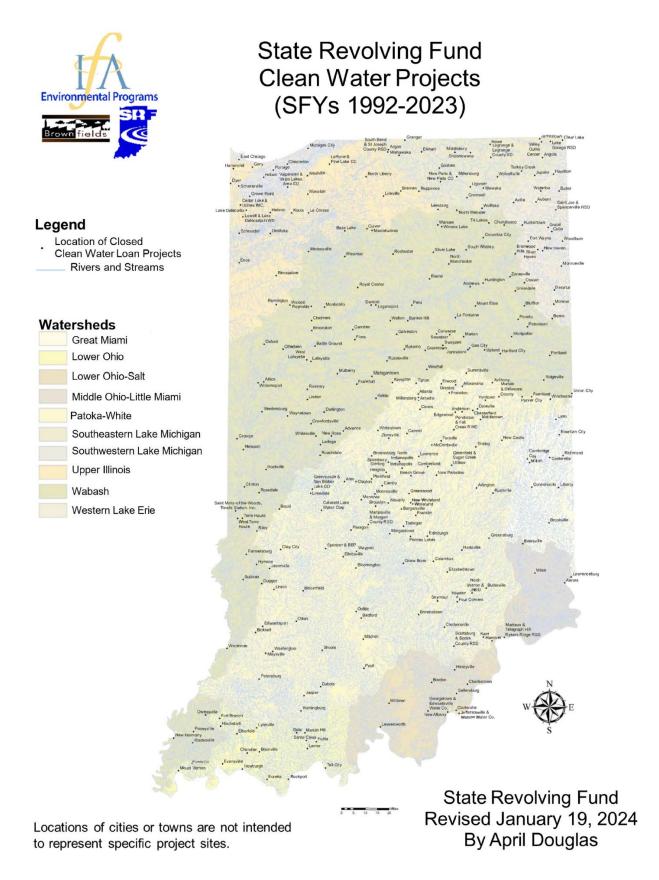


Figure B-4: State Revolving Fund Drinking Water Program projects, 1999-2023.

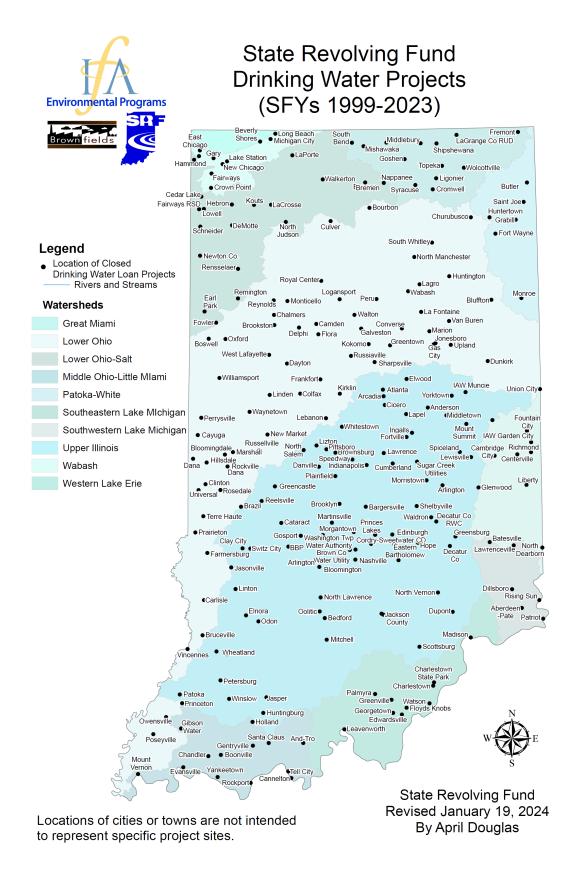


Figure B-5: Location of Little Hogan Creek, South Hogan Creek and Goose Run sub-watersheds in southeastern Indiana.

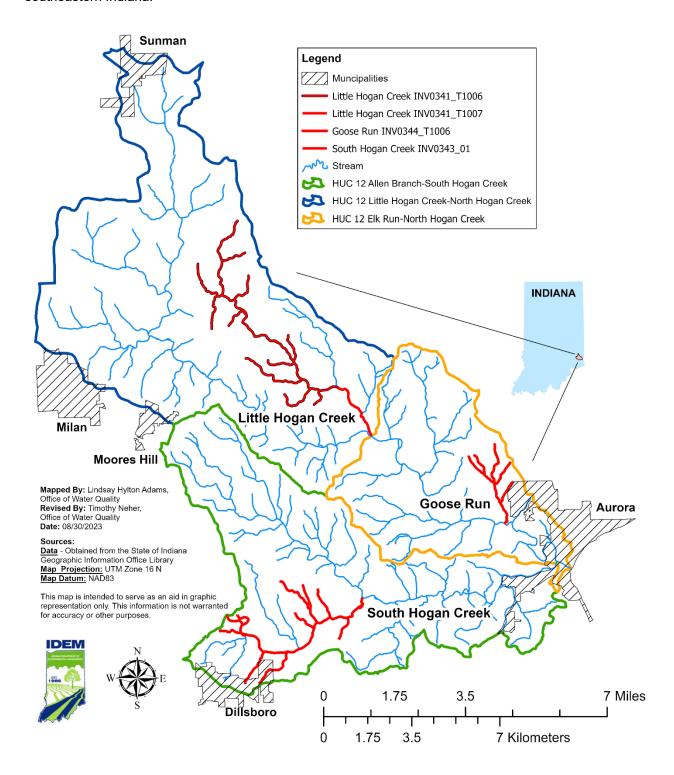


Figure B-6: Location of Big Creek sub-watershed in southeastern Indiana.

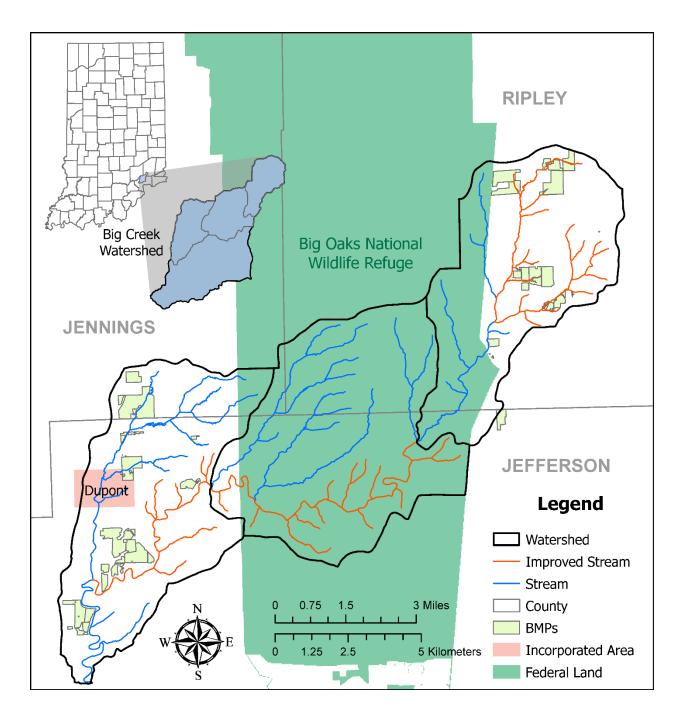


Figure B-7: Decision-making process for determining Consolidated list categories for Indiana waters.

Water quality assessments and Consolidated Listing decisions are made for each benficial 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 as shown below. A waterbody AU may appear in different categories depending on the information available for a given beneficial use. No Are there any readily available data for **Category 3** the waterbody AU? Yes Are the available data sufficient to make No an assessment decision for one or more Category 3 designated use benefits? Yes Yes Are the applicable WQS met for Are the applicable WQS met for the ALL designated beneficial uses? designated beneficial use in question? No Yes No Category 2 Category 1 No Is the impairment to the waterbody AU Category caused by a pollutant? 4Ĉ Yes Yes Has a TMDL been approved for the Category pollutant causing or threatening impairment of the waterbody AU? No Is the waterbody AU expected to meet Yes Category applicable WQS in a reasonable time as **4B** a result of other pollution control requirments? No No Category 5A Is the impairment related to fish consumption ("fishable") uses? Yes Category 5B

Figure B-8: Location of medium-sized systems (3,300 - 10,000 population served) sampled by IDEM during Phase 1 PFAS sampling.

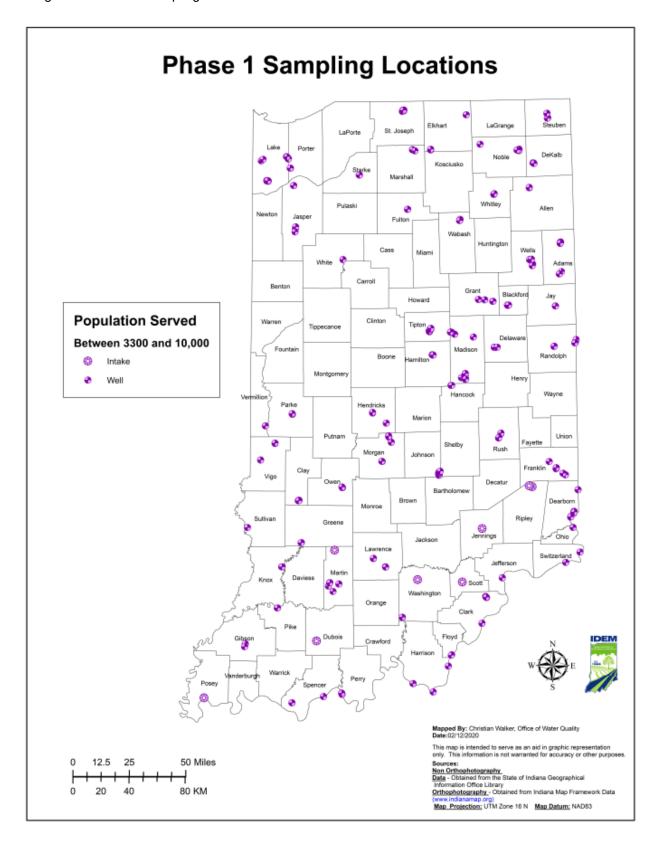


Figure B-9: Location of small-sized systems (< 3,300 population served) sampled by IDEM during Phase 2 PFAS sampling.

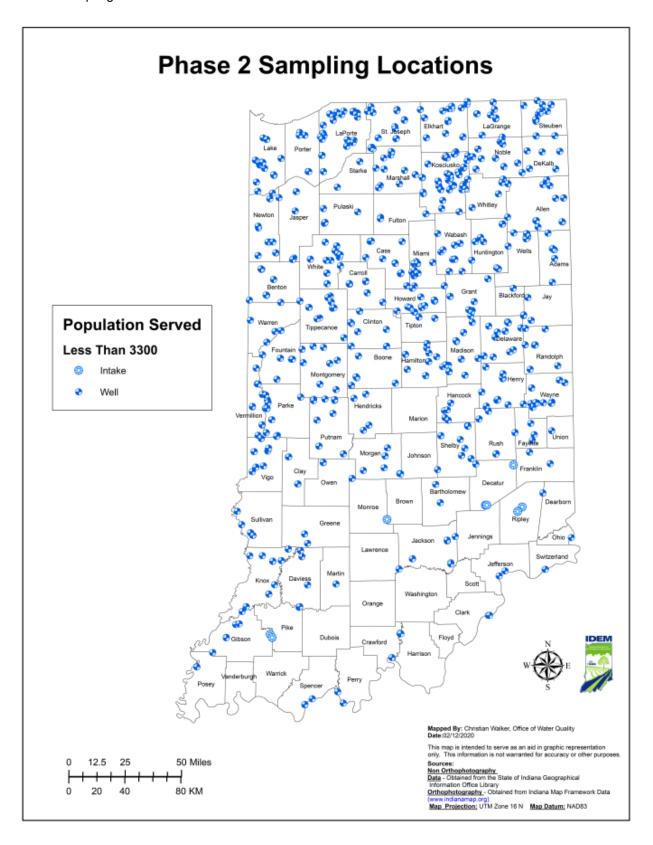


Figure B-10: Location of large-sized systems (> 10,000 population served) sampled by IDEM during Phase 3 PFAS sampling.

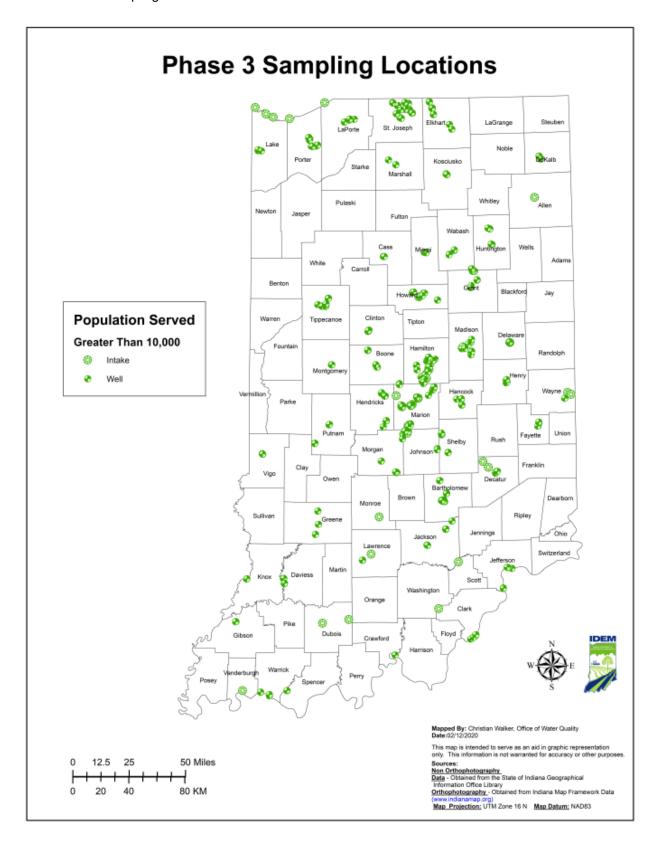


Figure B-11: Location of surface waterbodies utilized for drinking water which will be sampled by IDEM during Phase 4 PFAS sampling.

Phase 4 Sampling Locations

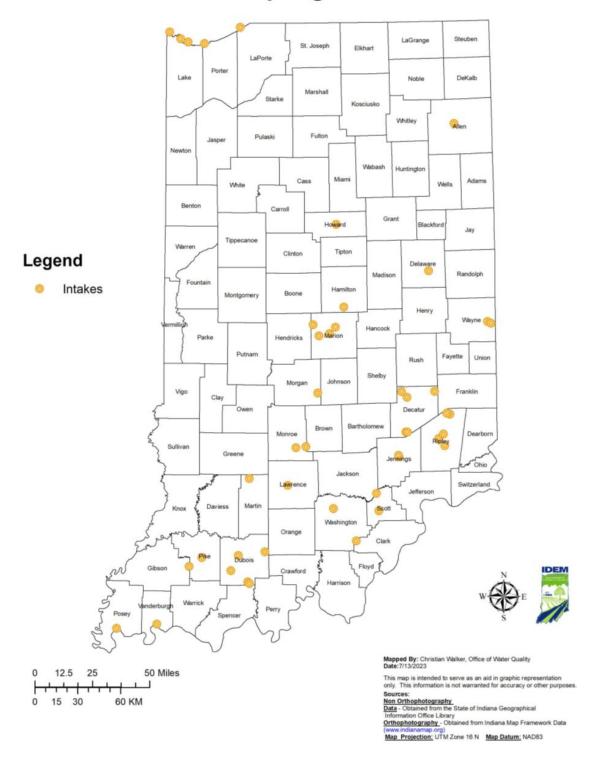


Figure B-12: IDEM's statewide groundwater monitoring network sites shown within Indiana's various hydrogeologic settings.

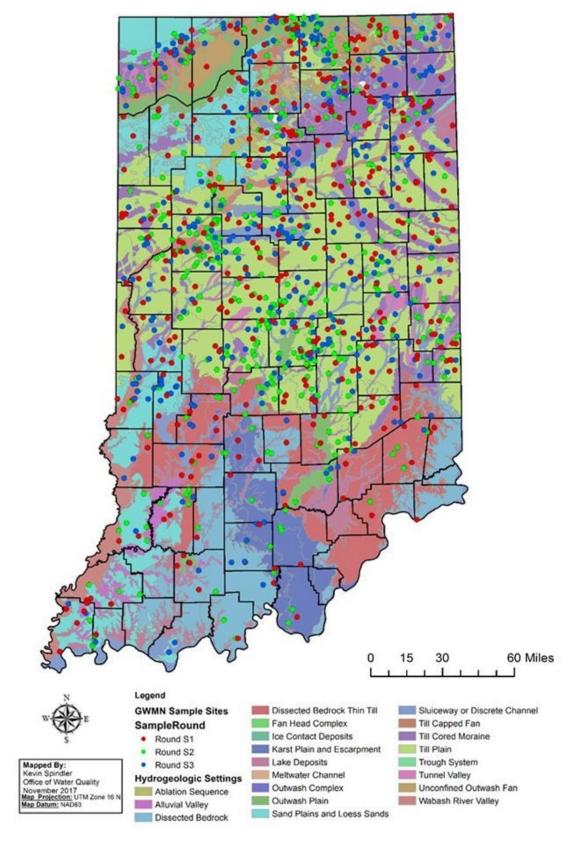


Figure B-13: Groundwater monitoring results for nitrogen (as nitrate-nitrite), shown within areas of aquifer sensitivity identified by Letsinger (2015).

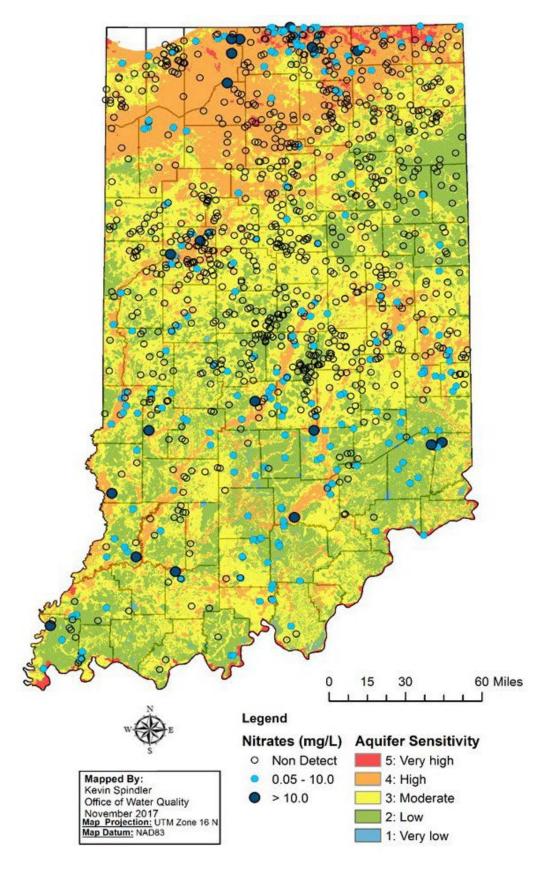


Figure B-14: Groundwater monitoring results for arsenic, shown within Indiana's various hydrogeologic settings.

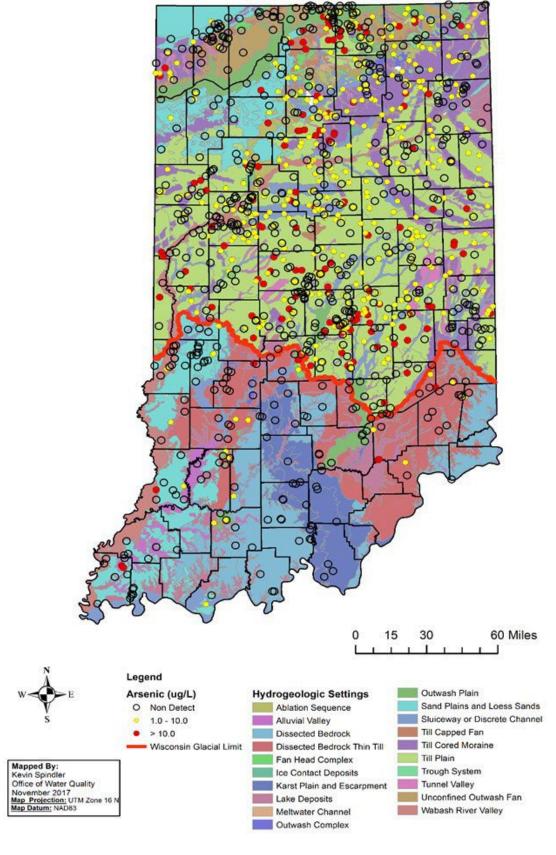


Figure B-15: Groundwater monitoring results for pesticide degredates acetochlor ESA and OA shown within areas of aquifer sensitivity identified by Letsinger (2015).

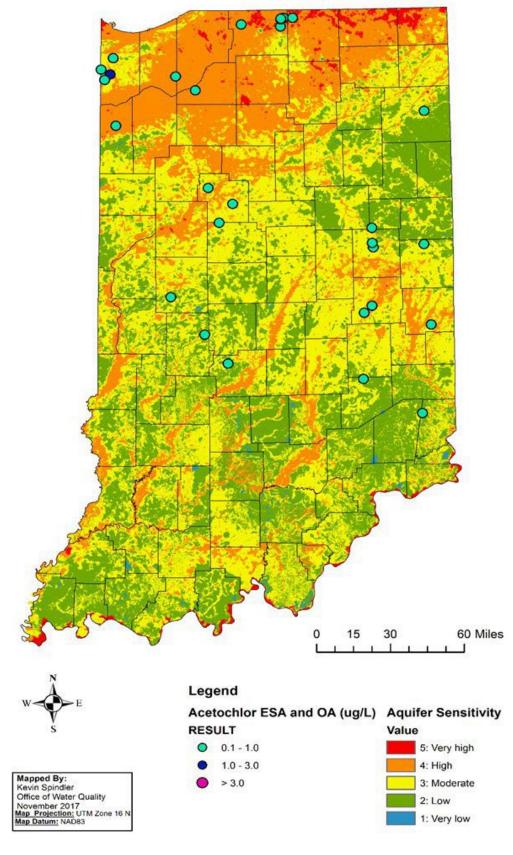


Figure B-16: Groundwater monitoring results for pesticide degradates alachlor ESA and OA shown within areas of aquifer sensitivity identified by Letsinger (2015).

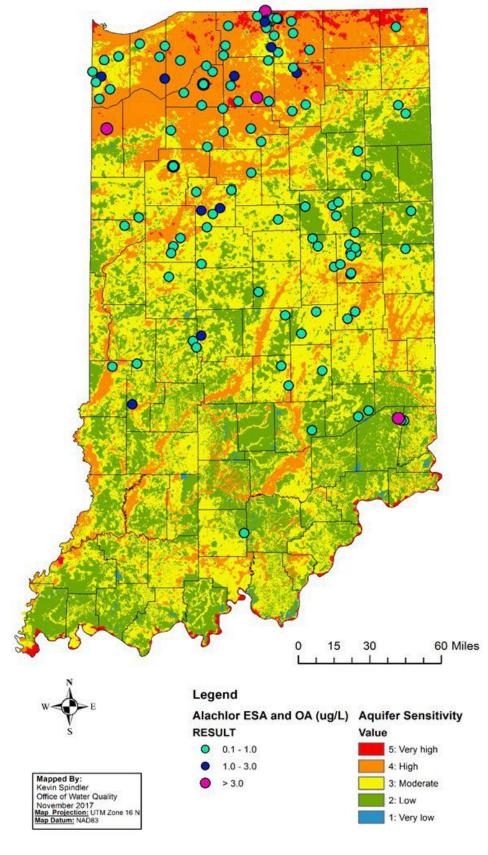


Figure B-17: Groundwater monitoring results for pesticide degredates metolachlor ESA and OA shown within areas of aquifer sensitivity identified by Letsinger (2015).

