

5 YEARS OF WLEB PROJECTS

1 Healthy Soils, Healthy Waters
Establishing Michigan's soil health criteria for regenerative agriculture and downstream water quality



2 Agrograph Conservation Tillage and Crop Residue Retrospective Analysis
Uncovering the field-scale links between tillage and downstream water quality



3 Drainage Water Management Edge-of-Field Research Project
Investigating the impact of tile line management on phosphorus runoff



4 USGS Gage Station Deployment Saline River Headwaters
Establishing new water quality monitoring capacity in a priority subwatershed



5 Investigating Cover Crop Planting Methods for Establishment Success
Breaking down barriers to cover crop adoption through research and education



6 Stony Creek Community Conservation Plan
Gathering local insight into conservation practice adoption barriers and motivators



7 WLEB Expanded Water Quality Monitoring Program
Understanding land-water dynamics and nutrient transport via high fidelity water quality monitoring



8 Western Lake Erie Basin Performance-based Conservation Adoption Program
Incentivizing management practices based on phosphorus reduction outcomes



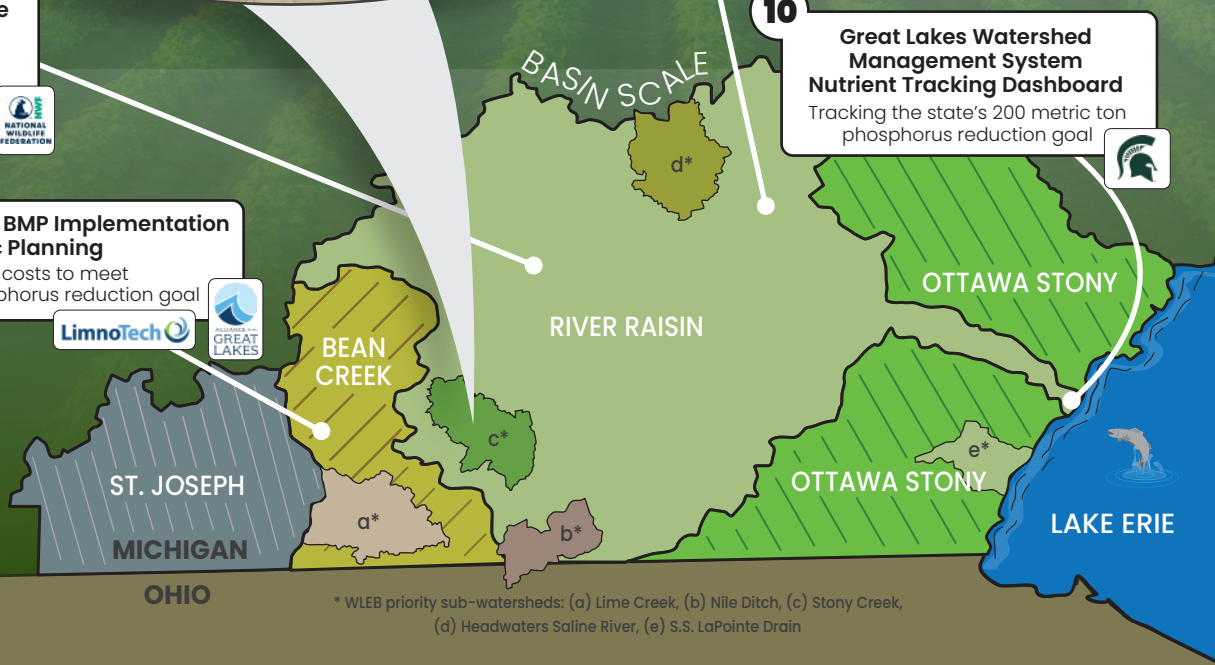
9 WLEB Theory of Change
Building a roadmap to increase adoption of conservation practices



11 Magnitude & Cost of BMP Implementation Strategic Planning
Assessing the costs to meet Michigan's 40% phosphorus reduction goal



10 Great Lakes Watershed Management System Nutrient Tracking Dashboard
Tracking the state's 200 metric ton phosphorus reduction goal



* WLEB priority sub-watersheds: (a) Lime Creek, (b) Nile Ditch, (c) Stony Creek, (d) Headwaters Saline River, (e) S.S. LaPointe Drain