



Indiana's GLWQA DAP for the WLEB Advisory Committee Meeting April 13, 2018

1. Participants (12)

Tony Bailey, Don Bergdall, Jessica Bergdall, Rick Duff, Jessica Faust, Jeff Frey, Bob Gillespie, Celia Garza, Julie Harrold, Allen Haynes, Greg Lake, Janel Meyer, Bowden Quinn, Rodney Renkenberger, Marylou Renshaw, Kate Sanders, Barry Scherer, Justin Schneider, Anne Marie Smrcheck, Sandy Voglewede, and Cyndi Wagner

Participated by Conference Call (1)

Dick Miller

2. Discussion

a. Point contact for the Advisory Committee

- i. Jessica Faust, IDEM, jfaust@idem.in.gov.
- ii. Contact for distribution of shared information.

b. Updates

- i. Welcome new participants
 1. Don Bergdall, City of Decatur MS4 Coordinator
 2. Jessica Bergdall, Adams County Health Department
 3. Celia Garza, Save Maumee Grassroots Organization
 4. Rodney Renkenberger, Maumee River Basin Commission
- ii. Final DAP
 1. The 12-digit HUC prioritization process within Indiana's WLEB was completed using the following factors. (Refer to page 11 of Indiana's GLWQA DAP for the WLEB and Appendix 2, Water Quality Data Analysis and Watershed Prioritization.)
 - a. The NRCS prioritization tool using the phosphorus-risk (non-karst) factor.
 - b. Identified critical areas within WMPs developed with 319(h) and 205(j) funding.
 - c. Monitoring data collected by IDEM, the City of Fort Wayne, the Allen County SWCD, and the Tri-State Watershed Alliance from 2011 through 2016.
 2. Additional monitoring is needed to gain a better understanding of whether Indiana is meeting its WLEB TP and DRP targets and to identify those pollutant sources.
 - a. Current auto samplers operated by the USGS include one at Willshire, OH within the St. Marys sub-basin, one near Newville, IN within the St. Joseph sub-basin (OH sponsored), one on the St. Marys before its confluence with the St. Joseph River near Fort Wayne (IN sponsored), as well as an auto sampler and supergauge at Antwerp, OH within the Maumee sub-basin.
 - b. Proposed monitoring sites include an auto sampler near Pleasant Mills, IN within the St. Marys sub-basin, an auto sampler near New Haven, IN within the Maumee sub-basin, and an auto-sampler on SR 101 on the Maumee River (where IDEM, the City of Fort Wayne, and the Allen Co. SWCD currently do grab sampling).

- c. A stream flow gage at the site of the auto sampler near Pleasant Mills, IN and stream flow gages on Nickelson Creek, Weber Ditch, and Blue Creek (all within the St. Marys sub-basin) have been identified as needed.
 - 3. Indiana's GLWQA DAP for the WLEB Adaptive Management Plan can be found on pages 27 and 28 of the DAP.
 - a. The auto sampler on the Maumee River at SR 101 will be operational for 12 months to determine if there is a statistical difference in FWMC for TP between the Antwerp, OH monitoring site and the SR 101 site. If no statistical difference is found, the auto sampler will be decommissioned and the Antwerp, OH site will be used to measure Indiana's progress. If a statistical difference is found, an investigation will occur for potential nutrient sources.
 - b. Various analyses of available data by the Advisory Committee show the St. Marys sub-basin within Indiana as contributing the most phosphorus to the Maumee River. Major actions, including the Adams County Regional Sewer District sewer extension and construction of two emergency manure storage lagoons in Adams County, are underway to help address this issue.
- iii. Response to new member request
 - 1. An invitation to IN's GLWQA DAP for the WLEB Advisory Committee was sent to county Health Departments and Surveyors within IN's WLEB on March 10, 2018. To date, no responses have been received.
 - 2. An Adams County Health Department representative is attending today's meeting and an Allen County Surveyor is on the Advisory Committee distribution list.
- iv. Presentation to the MRBC
 - 1. Jeff Frey, USGS, and Marylou Renshaw, IDEM, presented the DAP and current monitoring efforts within the WLEB at the MRBC meeting on April 12, 2018.
 - a. Five of the six county Surveyors were represented at the meeting.
- v. Updates from members present
 - 1. Save the Maumee
 - a. Implementing the Upper Maumee River WMP in three critical area subwatersheds.
 - b. Installed six 20-25 foot riparian buffers, a total of 7,200 linear feet (4.13 miles), to degraded streams in the Upper Maumee subwatersheds utilizing GLRI funds.
 - c. Coordinating with county Surveyors to complete stream bank stabilization projects after work is completed on legal drains.
 - d. Promoting the use of the Indiana Drainage Handbook.
 - 2. City of Decatur MS4
 - a. Replacing interceptor sewers discharging to St. Marys River and raising manholes.
 - b. City of Decatur-Adams County Parks and Recreation maintains a number of parks including wetlands, trails, and riverfront, as well as hosts a number of education events.
 - 3. Adams County Health Department
 - a. Assisting the Adams County RSD to identify areas needing to connect to the RSD during the extension project.
 - 4. Adams County Regional Sewer District
 - a. Completing sewer extension project and working with the Health Department to identify areas needing to connect.
 - b. Currently, 225 to 230 locations with failing septic systems are connected to the RSD.

5. Maumee River Basin Commission
 - a. Completing the St. Marys River stream assessment study identifying fluvial erosions issues and water quality impacts.
 - b. Working with FEMA acquisition program to acquire properties in floodplains returning them to their natural state.
6. USGS
 - a. Investigating the possibility of a field office in Fort Wayne, IN for monitoring purposes and to continue building the collaboration between IN and OH.
7. ISDA
 - a. Coordinating effort to improve conservation messages, assuring parties are using the same terminology and definitions, and to implement conservation practices that reflect current research results.
8. Indiana Farm Bureau
 - a. The Indiana Agriculture Nutrient Alliance Executive Director, Ben Wicker, has been hired. The Alliance is a partnership of agriculture groups, government agencies, and academia to improve soil health and nutrient management practices.
9. DeKalb County SWCD
 - a. Working through challenges of county Septic Ordinance passed in July of 2017.
 - b. Collaborating with ARS on the development and testing of a phosphorus-removal structure installed at the site of a blind inlet.
 - c. Collaborating with the county Health Department and Building Commission to give septic training to relators.
 - d. Completing a Feasibility Study on Cedar Creek through a LARE grant.
 - e. Completing a CWI grant in partnership with the Steuben County SWCD combining conservation education and implementation.
 - f. Planning the 2018 Agronomy Field Day at the Andersons on July 19, 2018.
10. Steuben County SWCD
 - a. Completing a CWI grant in partnership with the DeKalb County SWCD combining conservation education and implementation.
 - b. Completing a Great Lakes Commission grant implementing BMPs reducing sediment and nutrient run-off.
 - c. Hosting various trainings, e.g., the Urban Rain Garden Workshop.
 - d. Planning the 2018 Agronomy Field Day at the Andersons on July 19, 2018.
11. Adams County SWCD
 - a. Planning the Soil Health Field Day at the Wherling Hub Farm on September 5, 2018.
 - b. Hosting a visit to OSU's Stone Lab on September 10, 2018.
 - c. Completing the development of two emergency manure storage lagoons for public use.
 - d. Completing a CWI grant in partnership with the Wells County SWCD and the Jay County SWCD.
 - e. Completing a Feasibility Study on the Wabash River through a LARE grant as a partner of the UWRBC.

12. Allen County SWCD

- a. Completing the Phosphorus-Risk Reduction Pilot project utilizing 319(h) funds and the Upper Maumee River Implementation project utilizing GLRI funds reducing phosphorus impacts.
- b. Coordinating efforts to gain resources to expand monitoring within Indiana's WLEB.
- c. Hosting a visit to OSU's Stone Lab on August 14, 2018.
- d. Planning the Soil Health Field Day at Roemke Farms on September 6, 2018.

13. City of Fort Wayne Utilities

- a. Executing the Tunnel Works project.
- b. Implementing sewer separation and installing storm sewers.
- c. Completing stream improvement projects including a two-stage ditch.
- d. Hosting various trainings, e.g., raingarden workshops and stormwater workshops.

vi. Upcoming events in the WLEB

1. Fort Wayne Pedal, Paddle, and Play on June 9, 2018.
2. Agronomy Field Day at the Andersons on July 19, 2018.
3. OSU Stone Lab visit with the Allen County SWCD on August 14, 2018.
4. Soil Health Field Day at the Wherling Hub Farm on September 5, 2018.
5. Soil Health Field Day at Roemke Farms on September 6, 2018.
6. OSU Stone Lab visit with the Adams County SWCD on September 10, 2018.

vii. Future Meetings

1. Quarterly meetings held on the second or third Friday of the month. A Doodle Poll will be used to determine availability.
2. Meetings will include a presentation about a project from the DAP Action/Milestone Table or on a topic to help inform the Advisory Committee for future actions.

viii. Erie Stat

1. Indiana is participating in Erie Stat, an online tool (for all of the GLWQA Lake Erie jurisdictions) tracking total and dissolved phosphorus entering Lake Erie's western and central basins from selected tributaries.
2. It shares information on the strategies and investments intended to achieve the shared goal of phosphorus reduction in those basins.
3. It includes success stories reported by the states, the US, and Canada to the Great Lakes Executive Committee.
 - a. Lou will be in contact with Advisory Committee members involved in projects that will be highlighted as success stories to gain additional details, pictures, etc.

3. Presentation

- a. Julie Harrold, ISDA, presented the WLEB Story Map located on ISDA's Western Lake Erie Basin webpage, <https://www.in.gov/isda/3261.htm>.
 - i. IN's GLWQA DAP for the WLEB will eventually be developed into a Story Map.

4. Next Meeting

- a. The next Advisory Committee meeting will be held on Friday, July 13, 2018 from 10:00 am to 2:00 pm at Rieke Park Lodge located at 1600 North Indiana Avenue, Auburn, Indiana.