



## Indiana's GLWQA DAP for the WLEB Advisory Committee Meeting March 16, 2018 Conference Call

**Next Meeting:** Friday, April 13, 2018  
10:00 a.m. – 2:00 p.m.  
Allen County NRCS Service Center  
3718 New Vision Drive, Fort Wayne, IN 46845

### 1. Participants (12)

Jessica D'Ambrosio, Rick Duff, Jessica Faust, Jeff Frey, Celia Garza, Bob Gillespie, Greg Lake, Dick Miller, Bowden Quinn, Marylou Renshaw, Kate Sanders, and Sandy Voglewede

### 2. Discussion

#### a. Point contact for the Advisory Committee

- i. Jessica Faust, IDEM, [jfaust@idem.in.gov](mailto:jfaust@idem.in.gov).
- ii. Contact for distribution of shared information.

#### b. Updates

- i. Advisory Committee
  1. Meet quarterly beginning in 2018.
  2. Progress in meeting targets, as well as progress of projects being completed within Indiana's portion of the WLEB will be discussed.
  3. County Surveyors and Health Departments located within Indiana's WLEB have been invited to participate on the Advisory Committee and none have responded.
  4. Barry Scherer, Superintendent, Adams County RSD, and Rod Renkenberger, Executive Director, Maumee River Basin Commission (MRBC) have been invited to participate on the Advisory Committee.
- ii. DAP, Action/Milestone Table, and appendices
  1. If there are additional comments in regards to the final 2018 DAP, those will be discussed at the April Advisory Committee meeting.
  2. The watershed prioritization and map were added to the final 2018 DAP.
    1. This is a critical piece of the DAP.
    2. The determination of prioritization at the sub-watershed scale included mapping critical areas from WMPs along with NRCS modeled areas of greatest phosphorus export potential, and overlaying them with vetted water quality data.
    3. Sub-watersheds where water quality data was obtained were considered for prioritized implementation. Alternate prioritization ranking was given to those areas where additional monitoring sites may be installed.
  3. Marylou Renshaw is presenting the DAP at the 2018 ILMS conference on March 22<sup>nd</sup>.
  4. Development of the DAP Story Map will begin in 2018.
    1. Ask Julie Harrold, ISDA, to present the WLEB story map and discuss the DAP story map.

### iii. Monitoring

1. An auto sampler to be installed in Pleasant Mills (Indiana) will show if the sewer extension by the Adams County RSD and the installation of two emergency manure storage lagoons within Adams County are improving water quality.
2. An auto sampler in New Haven (Indiana) (Maumee sub-basin) will capture the urban influence from the City of Fort Wayne.
3. An auto-sampler will be installed on the Maumee at State Road 101 (Indiana) to verify that the Antwerp site is representative.
4. Additional monitoring for water quality enhancement is needed in Indiana's portion of the WLEB.
  1. IDEM is providing funding for the monitoring equipment, but who is completing the sampling has yet to be determined.
  2. Additional streamflow gages are needed within the St. Marys sub-basin.
  3. Potential funding sources for additional monitoring are being considered.

### iv. ErieStats Tool

1. The tool is the agreed upon method by the states and Canada to report progress made in meeting the Lake Erie TP and DRP targets.
2. Marylou Renshaw has been working with the Great Lakes Commission to develop Indiana's Erie Stats reporting components (known as cards).
3. Invite Great Lakes Commission Program Manager, Nicole Zacharda, to attend an upcoming Advisory Committee meeting to present on the tool.

## 3. Accomplishments

- a. Shared current activities underway in the WLEB to reduce sediment and nutrient loss and to improve water quality.
- b. Reviewed available water quality monitoring data as well as committee members' knowledge of the WLEB watershed. Preliminarily determined the St. Marys watershed is the highest priority for both point and NPS BMPs.
- c. Established criteria for evaluating the approaches that will be set forth in the DAP to reduce phosphorus loads. For example:
  - i. Use existing programs and optimize partnerships.
  - ii. Effect the most change with least cost.
  - iii. Prioritize resources to areas with the most potential for TP and DRP reduction.
  - iv. Employ social indicators.
- d. Established a webpage on [ISDA's WLEB website](#).
- e. Agreed on a methodology to determine "watersheds of focus" for the allocation of resources. This includes mapping critical areas from WMPs and NRCS modeled areas with the greatest phosphorus export potential and overlaying them with water quality data to identify the intersections. This process is underway.
- f. Determined the most representative site for monitoring Indiana's progress in meeting its phosphorus target loads on the Maumee is at Antwerp, Ohio. The USGS operates a stream-flow gage and an auto-sampler there and follows the recommended Annex 4 protocol collecting the necessary parameters.
- g. Completed two (2) rounds of field reconnaissance for monitoring sites.
- h. A conference call was held on September 28, 2016 with participants from IDEM, Indiana USGS, Ohio EPA, Ohio DNR, Ohio USGS, and the U.S. EPA to discuss these monitoring sites to optimize resources and establish a regional network. Indiana and Ohio submitted their GLRI applications based on the decisions of this meeting and were awarded them.

- i. Agreed on priority monitoring sites to determine phosphorus loads including the following:
  - i. On the St. Marys at the Ohio/Indiana border. OEPA received GLRI funding for a site at Willshire, Ohio.
  - ii. On the St. Joseph at the Ohio/Indiana border. OEPA received GLRI funding for a site at Newville, Ohio.
  - iii. At the confluence of the St. Joseph and St. Marys where the Maumee forms. IDEM received GLRI funding for an auto sampler near the Ferguson Bridge.
- j. Reviewed the collaborative Implementation Plans of Michigan and Ohio, as well as the Expectations for the DAPs by the NGOs
- k. Commenced drafting the DAP by populating the outline. Draft outline was reviewed at the October Advisory Committee meeting. Efforts by agencies and TNC have been sent for inclusion in the draft.
- l. Developed *Indiana's GLWQA DAP* presentation for outreach purposes.
- m. A DAP status and presentation was given to Nutrients Annex (Annex 4) subcommittee on February 8, 2017.
- n. DAP status updates were given to various environmental organizations on March 8, 2017.
- o. The DAP was public noticed for comment from August 14, 2017 until October 13, 2017.
- p. Seven public meetings in which the DAP was presented were conducted in Fort Wayne, Auburn, Decatur, and Indianapolis, Indiana during the months of August and September.
- q. An analysis of water quality monitoring data collected by Advisory Committee members in Indiana's portion of the basin from 2008 until present was performed and will be used to identify priority areas.
- r. Prioritization of sub-watersheds within Indiana's WLEB was completed and priority areas for water quality improvement were identified.
- s. The 2018 DAP was finalized and posted to [Indiana's GLWQA DAP for the WLEB](#) webpage.
- t. The final, 2018 DAP was presented at the 2018 ILMS conference on March 22, 2018.