

Indiana's GLWQA DAP for the WLEB Advisory Committee Meeting

August 8, 2017

Allen County NRCS Service Center, 3718 New Vision Drive, Fort Wayne

Next Meeting: Wednesday, October 25, 2017

Rieke Park Lodge, 1800 North Indiana Avenue, Auburn, IN 46706

10:00 am – 2:00 pm

1. Attendees (14)

Kristen Buell, Jessica Faust, Jeff Frey, Julie Harrold, Allen Haynes, Jill Krause, Greg Lake, Janel Meyer, Dick Miller, Sharon Partridge, Bowden Quinn, Marylou Renshaw, Kate Sanders, and Anne Marie Smrcheck

Attended by Conference Call (0)

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. Draft DAP for public notice and comment

- i. The GLWQA DAP for the WLEB will be public noticed on Monday, August 14, 2017 and will continue until Friday, October 13, 2017.
- ii. Need for an updated map of monitoring sites including analysis of data.
 1. Include within the final DAP.
 2. The City of Fort Wayne Utilities, the Allen County SWCD, IU/PU Fort Wayne, USGS, and IDEM, and will meet to discuss and combine applicable water quality data from 2011 to 2016.
 3. Initial analysis indicates efforts be prioritized within the St. Marys watershed.
- iii. The Auglaize watershed will not be a primary focus.
 1. Currently, there are no WMPs or TMDLs for Indiana's portion of the Auglaize.
 2. IFB is working with the ISDA, NRCS, and agriculture commodity groups to develop a position for a state agricultural nutrient management coordinator who will be a central point contact and work with all applicable organizations.
- iv. WMPs listed within the DAP need revision as the Upper Maumee WMP is missing.
 1. The Phosphorus-Risk Reduction Pilot project is listed although it is an implementation project.
 2. Verify WMPs hyperlinked within the footnotes.
- v. Information within the Partners and Areas of Authority/Responsibility and Programs to Address Nutrient Reduction section includes links to additional resources for state and federal entities (page 13 – 14).
 1. If local governmental entities would like to include links to additional resources, please send them to IDEM.
- vi. Obtain square miles and acreage amount of each watershed (at the 8-digit HUC) and compare to the total size of Indiana's portion of the WLEB.
 1. Should be able to obtain from StreamStats.
 2. Include within Figure 1 (page 5).
 3. Include within Indiana's Portion of the WLEB and/or Land Use in the WLEB and Major Sources of Phosphorus sections (page 5 – 6).
- vii. Include acreage of WLEB by county.
- viii. Counties may need to verify CFO permitted facilities noted within Land Use in the WLEB and Major Sources of Phosphorus section and Figure 2 (page 5 – 7).
- ix. CSO Community icon within Figure 2 should be bolded and darkened (page 7).

- x. Discussion as to challenges with AFOs should be included within Land Use in the WLEB and Major Sources of Phosphorus sections (page 6).
- xi. Include AFOs within the Future Endeavors and Resource/Research Gaps section (page 23).
 - 1. State agencies responsible for versus county responsibility.
 - 2. Reports of illicit discharges.
- xii. Discuss strong, voluntary NPS approach is needed for the success of the DAP as it cannot depend on PS alone within the Success in the WLEB section (page 23).

c. Draft Milestone Table for public notice and comment

- i. The Milestone Table should include actions beginning in 2014 up to the present.
- ii. Review table for ways to combine action items to be more concise.
- iii. Consider incorporation of Table into the DAP instead of as an appendix.

d. DAP public meetings

- i. The Auburn and Decatur meetings have been scheduled and are being coordinated.
 - 1. The DeKalb SWCD invited local producers and is hoping to have a dialogue with them regarding the DAP.
 - 2. A 4R site tour open to Advisory Committee members will be held between public meetings in Auburn.
- ii. The Indianapolis and Fort Wayne meetings are being scheduled and coordinated.
- iii. The US EPA would like to attend a meeting or two to discuss the federal DAP.
 - 1. IDEM will coordinate attendance with the US EPA.

e. DAP presentation and outreach materials

- i. Bold headings.
- ii. Continue headings on all applicable slides.
- iii. Include reference links within.
- iv. Discuss gaps and next steps.
- v. Handouts should include phosphorus loadings map, summary, and snapshot.

f. DAP webpage

- i. Public comments should be provided via Survey Monkey.
 - 1. Survey questions finalized.
- ii. Include information as to public meetings held at four locations.
 - 1. Auburn meetings held at Rieke Park Lodge, 1800 North Indiana Avenue, Auburn, IN.
 - 2. Auburn evening meeting will begin at 5:30 p.m.
 - 3. Indianapolis will only have one meeting, an evening meeting.
- iii. Clarify the DAP and Milestone Table are dynamic documents.

3. Accomplishments

- a. Shared current activities underway in the WLEB to reduce sediment and nutrient loss and to improve water quality.
- b. Reviewed available WQ 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 (P) 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 P 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, IN USGS, Ohio EPA, Ohio DNR, OH USGS, and the U.S. EPA to discuss these monitoring sites to optimize resources and establish a regional network. IN and OH 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, OH.
 - ii. On the St. Joseph at the Ohio/Indiana border. OEPA received GLRI funding for a site at Newville, OH.
 - 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 the TNC have been sent for inclusion in the draft.
- l. Developed *Indiana’s GLWQA DAP* presentation for outreach purposes.
- m. DAP status and presentation given to Nutrients Annex (Annex 4) subcommittee on February 8, 2017.
- n. DAP status updates given to various environmental organizations on March 8, 2017.
- o. Development of DAP including the Milestones and Action Items table is on-going.
- p. Maybe mention subsequent meetings & outcomes.

4. Next Steps

- a. The Survey Monkey will be developed and posted.
- b. The DAP and Milestone Table will be public noticed for comment.
- c. The DAP presentation will be finalized and outreach materials prepared.
- d. The public meetings will be scheduled, coordinated, and held.