

Illinois River Project Technical Workgroup  
(TMDL Phosphorus Load Reduction Scenarios)  
January 17, 2013  
1:30 pm – 2:30 pm

A. AGENDA

- Introduction
- Review Nov. 8 Meeting Notes
- Discussion - Preliminary Concepts for Base Year and Scenarios Analyses
- Meeting Adjourn

B. Meeting Attendees

Tony Donigian, AQUA TERRA  
John Bailey, ADEQ  
Edward Dührberg, ODEQ  
Greg Kloxin, OCC  
Rebecca Veiga Nascimento, ODAFF  
Phil Moereshel, OWRB  
Richard Wooster, EPA  
Laura Hunt, EPA  
Quang Nguyen, EPA

Ryan Benefield, ADEQ  
Mark Derischweiler, ODEQ  
Shanon Philips, OCC  
Quang Pham, ODAFF  
Tom Elkins, Cherokee Nation  
Edward Swaim, ANRC  
Melinda McCoy, EPA  
Matt Hubner, EPA

C. Purpose

To select a year for baseline modeling and to discuss the preliminary concepts for phosphorous load reduction scenario analyses

D. Meeting Overview

- Quang went over some of the action items in the November 8 meeting notes along with items listed in the Preliminary Concept paper.
- Quang indicated Region 6 has already sent a letter to both the OK and AR NRCS State Conservationists inviting them to be members of the technical workgroup. To date, neither agency has responded.
- The majority of workgroup members supported use of 2010/2011 as the year for the baseline modeling.

- The workgroup also discussed the need to account for the impacts of, or credits associated with, BMPs that have already been implemented in the past 5 years, or are planned for implementation, within the IRW in the near future. The States questioned as to what kinds of data would be needed to accomplish this, and how it would be implemented in the model. Tony Donigian of AQUA TERRA responded that data and information would be needed on BMPs as follows:
  1. Locations in the IRW where the BMPs have been implemented to date (so the correct model segment can be located),
  2. Details on the type of BMP,
  3. The drainage areas impacted (if applicable), and
  4. What removal efficiencies are expected from the BMPs, for specific constituents, i.e. TSS, TP, TN, etc. If this is not available, AQUA TERRA will estimate these removal efficiencies and provide them to the workgroup for review/approval.

Some members of the workgroup indicated that they had already provided some, or possibly most, of this information already, such as data on 319 projects.

- Several workgroup members expressed their concern about whether or not TMDLs would be developed as part of this effort, and if so, how many and for which pollutants. Quang highlighted the need for use of clear and consistent terminology, noting that with respect to endpoints (i.e., modeling endpoints and regulatory endpoints). Regarding the IRW modeling endpoints, Richard Wooster and Quang acknowledged that there are a number of phosphorous (P) impaired waterbodies in both the OK and AR portions of the IRW watershed. Therefore, the impacts of the P load reduction scenarios will be assessed throughout different locations in the watershed including locations at the State line and Lake Tenkiller. The P standard at the stateline and the chlorophyll *a* standard in Lake Tenkiller, at the minimum, will be used as modeling endpoints. It was envisioned that this particular technical workgroup would help to inform development of these modeling scenarios. As the modeling is completed for the various scenarios, the modeling results will serve to inform further discussion amongst the States, Tribes and EPA regarding the range of options available insofar as it pertains to TMDL development (i.e., regulatory endpoints).

#### E. Concerns:

- Some of the workgroup members indicated that endpoints need to be defined/established for the IRW modeling prior to deriving Phosphorous load reduction scenarios.

#### F. Action Items

1. ADEQ will contact and invite IRWP to participate in the technical workgroup.
2. ADEQ will try to get the data for the NACA facility.
3. Eugene Thilstead, EPA Region 6 Agriculture Advisor, will contact the OK and AR NRCS State Conservationists to see if they will participate in the technical workgroup.
4. EPA and AQUA TERRA will review their files to identify what has been provided and whether that meets the needs noted above.

G. Future Meeting/Conference Call

- The next conference call – January 30, 2013 @ 2 PM