Organizer: Shaikh, Taimur[Shaikh.Taimur@epa.gov]
From: Shaikh, Taimur
Location: Red River Conference Room
Importance: Normal
Subject: Illinois River Watershed and Lake Tenkiller: Water Quality Modeling Project Update
Start Time: Tue 3/6/2018 6:30:00 PM
End Time: Tue 3/6/2018 10:30:00 PM

PROPOSED AGENDA

Illinois River Watershed and Lake Tenkiller: Water Quality Modeling Project Update

Tuesday, March 6, (12:30 – 4:30 p.m.) – Red River Conference Room, 11th Floor, Region 6

Anticipated Attendees:
EPA Region 6: David Garcia, Stacey Dwyer, Richard Wooster, Taimur Shaikh
ODEQ: Shellie Chard, Joe Long
ADEQ: Caleb Osbourne (via telephone), Bob Blanz, Tate Wentz

1. Welcome (12:30 - 12:45): Garcia
   a. Re-engagement of Principals
   b. Meeting Objectives

2. Project Background and Context (12:45 – 1:15): Wooster
   a. Statutory and Regulatory Framework
   b. First Statement of Joint Principles and Actions (2003)
   c. Northwest Arkansas Conservation Authority – Regional WWTP (2008)
   d. Modeling Project History (November 2009 – Present)

3. Technical Issues and Resolutions (1:15 – 2:30): Shaikh
   a. Meteorological Data
   b. Litter and Fertilizer Applications
   c. Modeling Drought Years – Water Balance Function
   d. Modeling Surface and Upper Layer Fractionation of Nutrients
   e. Atmospheric Deposition of Nitrogen
   f. Denitrification Rates
   g. Baseline Model Run Conditions
   h. Conceptual Approaches and Scenarios
   i. Lake Tenkiller Calibration

4. Break (2:30 – 2:45)

5. Proposed Next Steps (2:45 – 3:15): Dwyer
   a. Solicit Stakeholder Comments
   b. Revise Models as Appropriate
   c. Engage Principals Regarding Load Reduction Scenarios and Management Approaches
   d. Provide Models, Scenarios, and Narrative Discussion of Nutrient Reduction Strategies

6. Questions, Comments, Concerns (3:15 – 4:15): All

7. Wrap-Up (4:15 – 4:30): TBD