1. Illinois River Timeline – Taim will return to the R6 Office on Monday and I will work with him to develop another best estimate of timing for our next steps. As Stacey and I have mentioned in earlier briefings, we have been working with EPA Contract Officers to address the short-comings we have noted with respect to the Lake Tenkiller model calibration. Last Friday, we received notice from the CO that the Prime Contractor and its Sub have requested a 90-day "no-cost extension" of the contract performance period so that additional efforts to refine the Lake model calibration can be made. We are in agreement with the CO to grant the request, inasmuch as there will be no additional cost to the Agency. Meanwhile, before he left last month to provide assistance to HQ, Taim launched his own efforts to develop a simplified "Bathtub" model of the Lake. At the time of Taim's departure, calibration results of the Bathtub model were promising and we will continue pursuing the development and documentation of such model over the next 90 days while the contractors are working to improve their model's calibration. Additional work will be required at the conclusion of the 90 days, in terms of vetting the model(s) with our technical group and preparing for prospective public meetings in the Fall. Following is a preliminary timeline for our next steps.

   - Complete documentation of Bathtub model: June 30, 2017
   - Convene Technical Workgroup meeting: late-July 2017 (resources permitting) – discuss Bathtub model, Contractor model progress, public meetings
   - Receive further Lake model calibration results from Prime Contractor: September 1, 2017
   - Convene Technical Workgroup meeting: October 11-12, 2017 (resources permitting) – discuss Contractor's lake model, proposed choice of Lake model to use, solidify plans for public meetings
   - Principals' Call: Mid October – Discuss load reduction scenarios
   - Evaluate load reduction scenarios: Mid-October – Mid November, 2017
   - Public notice of informational meetings: Mid-November, 2017
   - Convene public meetings: Mid December, 2017
   - Close public comment period: Mid-February, 2018
   - Convene Technical Workgroup meeting: Early March, 2018 - consider revisions to Watershed and Lake models based on public comment
   - Principals' Call: Mid/Late March, 2018 – Discuss strategies (TMDLs, Alternatives) for implementing load reductions
   - Public Notice: Earthday – Announce completion of the modeling project and share selected results

2. Arkansas 303(d) List – As we discussed, the situation in Region 5 regarding OH's list of impaired waters (and the straight approval action R5 took) is similar in some ways to the situation we face with respect to AR's several impaired waters list. However, HQ's OWOW will most certainly be quick to point out substantive differences between the circumstances here and in R5. One of the primary differences is that R5 (OH) is focused on one waterbody while we and AR are dealing with over 4 dozen waterbodies. Another distinction I expect HQ will make is that R5 is in fact

confident that OH is taking steps now to actually address the open waters of Lake Erie (their conundrum) whereas we cannot be certain that AR will be able to address 52 waterbodies by 2018. We look forward to our follow-up brief with the Acting RA and ORC next Wednesday.

3. Version for Sam:

Illinois River –

- We are working with the EPA Contract Officer (CO) to address the short-comings we noted with respect to the Lake Tenkiller model calibration. We received notice from the CO on June 2, 2017 that the Prime Contractor and its Sub have requested a 90-day "no-cost extension" of the contract performance period so that additional efforts to refine the Lake model calibration can be made. We are in agreement with the CO to grant the request, inasmuch as there will be no additional cost to the Agency.
- Meanwhile, we launched our own efforts to develop a simplified "Bathtub" model of the Lake. We developed a model parameterization and are working with OWRB and ODEQ to refine the model and assess its use as a stop gap measure to ensure that reductions from the watershed will be sufficient to ensure Lake Tenkiller will meet water quality standards. We anticipate it will take 90 days to work through the Bathtub model with Oklahoma agencies and reach consensus on its usefulness.
- Additional work will be required at the conclusion of the 90 days, in terms of vetting the model(s) with our technical group and preparing for prospective public meetings in the Fall. The following is a preliminary timeline for our next steps.

- Complete documentation of Bathtub model: July 14, 2017

- Convene Technical Workgroup meeting: Late-July 2017
  (resources permitting) – Discuss Bathtub model, Contractor model progress, public meetings

- Receive further Lake calibration results from Prime Contractor: September 1, 2017

- Convene Technical Workgroup meeting: October 11-12, 2017
  (resources permitting) – Discuss Contractor's lake model, proposed choice of Lake model to use, solidify plans for public meetings

- Principals' Call: Mid-October, 2017
  – Discuss load reduction scenarios

- Evaluate load reduction scenarios: Mid-November, 2017

- Public notice of informational meetings: Mid-November, 2017

- Convene public meetings: Mid-December, 2017

- Close public comment period: Mid-February, 2018

- Convene Technical Workgroup meeting: Early March, 2018
  – Consider revisions to Watershed and Lake models based on public comment

- Principals' Call: Mid-March, 2018
  – Discuss strategies (TMDLs, Alternatives) for implementing load reductions

- Public Notice: Earthday, 2018
  – Announce completion of the modeling project and share selected results