

Below are the main points/action items I noted from the September 24, 2013 Model Work Session:

Upcoming Model Work Session Schedule

- **Next meeting is October 15, 2013 "iModel Calibration Fiesta!"**

Decision Points (all of these decisions are "final" pending need to further reevaluate)

- No new decisions points this week.

Action Item Updates

- Timeline and Model Calibration
 - A. The updated pre-calibrated AQUATOX model/input files will be posted to the DEQ ftp site this week, or early next week (I will also send out an email to notify everyone). This will begin the "Calibration Fiesta." As such:
 - Please review the model calibration and set-up and
 - Investigate and think about how modeled flows relate to the critical flow of 401 cfs (e.g. Is flow adjustment necessary? How would flow adjustments be made? etc.?)
 - DEQ will provide the model and files to Dick and Jonathan for their review
 - B. The tentative AQUATOX modeling timeline is:
 - October 15 – 9 a.m. – 12 p.m. model "Calibration Fiesta" meeting (Ben to provide mariachi band and piñata). Come prepared to discuss:
 - Comments/concerns/recommendations about the model calibration and set-up and
 - How to address critical low flows in the model
 - October 22 – 10 a.m. – 12 p.m. regular model meeting to continue with the calibration and flow adjustment process, as needed, and prepare for the October 24 TAC
 - October 24 – 9 – 11 a.m. LBR TAC meeting to provide a walk-through of the calibrated model, how it functions, etc. and discussions about scenarios.
- AQUATOX Data and Model/Files
 - A. In order to take the onus off of Alex for managing the ftp site that holds the data, reports, models, etc. We now have two sites as follows:
 1. Current AQUATOX models, files, reports, etc. will be posted on the DEQ ftp site
 2. All of the remaining data, older models/files, and other information will be placed on a Google Drive site that I have set up (essentially replacing the USGS ftp)
 - ❖ Links to both sites are accessible via the LBR WAG webpage under "Previous Meetings"..."Modeling Work Session Meetings"

<http://www.deq.idaho.gov/regional-offices-issues/boise/basin-watershed-advisory-groups/lower-boise-river-wag.aspx>
- AQUATOX Model/File Modification
 - A. Attached is an AQUATOX model/file modification process guide. The intent is to appropriately document changes made to the model and/or input files to ensure an accurate "paper trail" exists. Also please note:

- **DEQ will solely possess and maintain the officially calibrated model and files, along with any scenario models and files to be utilized in the TMDL (these will be available to the public)**
- DEQ welcomes submissions by non-DEQ sources for review and consideration to help improve the model and TMDL (these will be available to the public). However, proposed changes will be regarded as an informational resource only

As always, please let me know what I missed or misinterpreted and thanks for your participation today! Cheers,

-Troy

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