

Below are the main points/action items I noted from the November 5, 2013 Model Work Session:

#### Upcoming Model Work Session Schedule

- Next meeting is November 19, 2013
- **No meeting November 12**

#### 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 current draft AQUATOX input files, model and documentation are still posted on the ftp site as, “2013\_1017\_ATX\_LBR\_Linked\_ExistingConditions\_DDS (.als, .xls, .doc)”
    - DEQ will provided updated models, import spreadsheets, and documentation as soon as they become available
  - B. DEQ will continue addressing calibration issues with help from the workgroup, Jonathan Clough, and Dick Park.
    - Per Darcy’s presentation, she is getting into full model calibration mode and will be working to maximize model accuracy/calibration, while working to minimize and report model/data error
  - C. Jonathan Clough and Dick Parks’ model reviews, documentation, and responses to questions are posted on the “AQUATOX Model Files” ftp site in the folder, “JClough and DPark Files.”
    - Everyone, please review these materials and provide DEQ with any comments/concerns to help Darcy move forward with model calibration
  - D. Troy is working on the Model Calibration Report and QAPP, and will be asking for assistance from model workgroup participants to help complete these documents as accurately and thoroughly as possible.
  - E. Other issues/concerns raised during the meeting:
    - Jack – need to be careful with terminology (e.g. calibration vs. accuracy checks, etc.)
    - Ben – need to look closely at potential model underprediction of periphyton at Glenwood in summer and spring
    - Ben – should speak with Chris Mebane regarding rate constants used in the model
    - Bill and Ben – need to account/identify measures that implicitly or explicitly address the margin of safety and critical low flows. Preferred approach is to see how the calibration begins to look to help guide those decisions.
    - Kate – need to address how long the model spin-up period should be and the associated criteria/rationale.

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

-Troy

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