

Below are the main points/action items I noted from the October 22, 2013 Model Work Session:

Upcoming Model Work Session Schedule

- Next meeting is November 5, 2013
- **No meeting October 29**

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 draft AQUATOX input files, model and documentation are currently posted on the ftp site as, “2013_1017_ATX_LBR_Linked_ExistingConditions_DDS (.als, .xls, .doc)”
 - B. DEQ will continue to investigate work to resolve calibration questions calibration issues with the help from the workgroup, Jonathan Clough, and Dick Park.
 - C. Specific modeling items discussed and questions include:
 - Dick and Jonathan to continue working with DEQ on calibration, sensitivity analyses, etc.
 - In addition to their review, Darcy provided Jonathan and Dick a list of additional calibration questions.
 - Darcy’s proposed calibration goals re-visited – TSS also needs to be included (perhaps within ~25% of observed data?)
 - Ensuring we have the complete data set included in the model (workgroup participants to help review and provide/correct data in model).
 - Velocity calculations and other calibration steps should be clearly identified in the calibration report and made available to the group as practicable/possible.
 - Sand and silt embeddedness via DEQ’s visual assessment should not be an issue in the model because the current setup is not utilizing the sediment diagenesis component?
 - Continue to analyze periphyton/phytoplankton data to ensure they are appropriately represented in the model, longitudinally and seasonally
 - Resolve model questions regarding cladophora, blue-greens, etc).
 - D. Tom, Michael, Kate, Jack to help with October 24 presentation/discussion of conceptual model framework
 - E. The tentative AQUATOX modeling timeline is:
 - **November 5:** 10 a.m. – 12 p.m. continue model “Calibration Fiesta”:
 - Comments/concerns/recommendations about the model calibration and set-up and
 - Review and discuss Jonathan and Dicks’ review/feedback, if available.

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

-Troy

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