

Below are the main points/action items I noted from the June 11, 2013 Model Work Session:

Upcoming Model Work Session Schedule

- We are currently back to weekly meetings until further notice

Decision Points

- There were no specific decision points identified in this meeting regarding the AQUATOX set-up and calibration.

Discussion and Action Items

- Jack
 - A. Frame/outline 3 questions related to the interpretation of pebble count and periphyton data, model results, and targets (roughly paraphrased below):
 1. How to best characterize riffles/runs/pools on the LBR for use in the model?
 - Some methods discussed by the group included algorithm review, sensitivity analyses, field documentation, remote sensing, etc.
 2. How to apply the USGS periphyton data collection to riffles vs. runs in the model and interpret results?
 - Alex's and Dick's professional opinions were interpreted as believing periphyton growth would likely be similar in riffles and runs, given the appropriate substrate. However, it was also identified that other factors could come into play such as turbidity, water velocity, water depth, etc.
 3. Ensuring that the target and data transformation procedures are clear, aligned, and appropriate.
 - It was suggested to deal with questions 1 and 2 first, which may help formulate how question 3 is addressed.
- Troy
 - A. Coordinate with Darcy about progress with DEQ's AQUATOX modeling efforts, remaining questions, data gaps, objectives, data management and intra-group communication (to alleviate duplicate or misaligned efforts among all of the modelers involved) etc. and follow-up with the group.
 - B. Consider planning a float of the LBR to gather qualitative riffle/run/pool data.
 - C. Check with DEQ management about interpretation of the SR-HC allocation requirements for the LBR. That is, does DEQ interpret SR-HC TMDL as requiring the LBR TMDL to meet 0.07 mg/L TP and 14 µ/L phytoplankton targets at Parma from May 1 through September 30?
- Tom
 - A. Contact Dick to discuss model calibration that might be necessary/appropriate for phytoplankton?

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

-Troy

Troy G. Smith
Watershed Coordinator

DEQ Boise Regional Office
1445 N. Orchard St.
Boise, Idaho 83706
208-373-0434
Troy.Smith@deq.idaho.gov