

April 9 Model Work Session Summary:

- **General**
 - For initial model calibration and runs, we plan to implement a January 1, 2012 through April 30, 2013 time period. This will enable us to capture the entire year, Alex's synoptic events, and allow/verify scour early in the modeling period (e.g. spring).

- **To Do's Before the April 16 Meeting**
 - Everyone
 1. Evaluate the pros/cons of a linked vs. un-linked model and identify what the logical segments for either scenario might be (as part of this evaluation, perhaps look at the 13 segment linked vs. the 4-segment unlinked to determine the differences in how boundary conditions, inputs, etc. are utilized in each).
 - We will then make a decision to move forward with the initial run/calibration, understanding that we may change course depending on our subsequent evaluation and model performance.
 - Tom – will call Dick Park and discuss the following:
 1. The source/rationale of the Initial/Boundary conditions utilized the 4 segment unlinked model.
 2. How the model would be affected if the number of periphyton parameters were reduced (e.g. focusing on biomass vs. individual species components).
 3. How the model would be affected (runtime and modeled output) if the animals are removed due to uncertainty and Margin of Safety questions .
 - Could this broad suite of individual animal parameters be lumped into a "grazing" parameter?
 4. Does Dick have a spreadsheet already developed for the 4-segment model?
 - Kate and her staff will:
 1. Help to gather and format the flow and water quality data (coordinating with Troy and Alex).
 2. Conduct a photo-documentation of certain river segments.
 - Troy:
 1. Will format Alex's new pebble count data for comparison with conditions previously utilized in the model (Tom will send the original recipe).
 2. Will work with Alex to help ensure ftp site is working for everyone.
 3. Will see if DEQ tech services staff can make a poster-size map of the watershed and key points (e.g. Alex's map) to help visualize during discussions.

- **Timeline** – we briefly discussed identifying some milestones to help keep us on schedule:
 - April 16 – determine 1) linked vs. unlinked, and 2) segmentation
 - April 23 – nail down the flow and water quality data and formatting needed for the initial model calibration
 - April 30 – evaluate the initial model run/calibration
 - May 7 - ??? Troy will be in training (we will plan ahead accordingly)
 - May 14 –
 - May 21 – June 4 - ???Troy will be on vacation back for June 11 meeting (we will plan ahead and strive for a seamless DEQ transition for these 3 weeks)

- **Next meeting:** April 16, same time, same place
1. Please join my meeting.
<https://global.gotomeeting.com/join/423205805>

2. Join the conference call:
Please call 1-208-373-0101 and choose Port 4

Meeting ID: 423-205-805

Please let me know what I missed or misinterpreted. Thanks for your participation today (and in between sessions). Please share any materials with the group prior to the next meeting. Cheers,
-Troy

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