

Below are the main points/action items I noted from the May 14 Model Work Session:

Upcoming Model Work Session Schedule

- **Tuesday, May 21 – No Meeting**
- Tuesday, May 28 – Lance will facilitate this meeting and is point of contact until I return June 6
- **Tuesday, June 4 – No Meeting**
- Tuesday, June 11

Decision Points

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

Action Items

- Troy
 1. I will speak with Darcy and Michael about the water quality and flow balance files, and distribute to the group, if appropriate at this time.
- Per group discussion, continue to gather WWTF and point-source data, including temperature, pH, ammonia, BOD, TSS, TP, flow, etc. for at least the past few years, or further (e.g. ~1998 if possible). However, we will prioritize the collection of data necessary for initial model set up and calibration...more discussion to come on how point sources to LBR tributaries will be represented in modeling efforts.
 1. Priority data for modeling purposes at this time include those who discharge directly to the LBR will be collected/compiled by:
 - Troy – Eagle Fish Hatchery
 - Kate – City of Boise
 - Lee – City of Caldwell
 - Middleton – Troy
 2. Secondary data (dischargers to LBR tributaries) for future modeling and WLA purposes, will be collected/compiled by the following individuals, as needed:
 - Matt – Nampa WWTF (& Nampa Hwy Dist. #1 MS4?)
 - Tom/Michael – Meridian WWTF
 - Lee – Caldwell (& Caldwell MS4?)
 - Kate – Boise (& Boise/ACHD MS4s, Boise Geothermal ?)
 - Troy – Canyon MS4, ConAgra, Darigold, Gem Meat, Greenleaf, Kuna, Middleton, Middleton MS4, Notus, Notus-Parma Hwy Dist. #2 MS4, Parma, Sorrento, Star, Wilder
 3. The following have been identified as not discharging to the LBR (or tributary) and/or not to receive a WLA:
 - Caldwell Housing Authority – Discharges will cease as of September, 30 2014
 - Simplot Meat Products – Permit does not allow for discharge due to temperature restrictions
 - Wilderness Ranch WWTP – upstream of Lucky Peak Dam
- Jack

1. Contact Dick to gain additional clarification about periphyton representation in AQUATOX so that we can accurately and appropriately enter data and interpret subsequent AQUATOX output. Questions include how input appropriate data input vs. how model output is represented, how input/output may need to be normalized and/or back-calculated to account pool/riffle/run, pebble counts, etc.??
- Kate
 1. Identify the physical parameters previously used in the 13 segments, as well as the habitat preferences identified for the algal parameters.
 - Kate identified the source of the previously-used parameters, including FEMA data in the upper river segments, Manning's N from literature, widths from USGS gaging stations, etc...Kate, could you please expand on this, my notes are a bit sketchy with the specifics?
 - Lee
 1. Look into using the FEMA data collected along the LBR in Canyon County for potential use in improving the physical property data for those segments of the river. Steve Sweet (Quadrant Consulting) was believed to be a consultant on the project.

As always, please let me know what I missed or misinterpreted and thanks for your participation today! See you in June! Cheers,
-Troy

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