

**Fox River Study Group  
Board of Directors Meeting  
Fox Metro Water Reclamation District  
April 23, 2015**

In attendance: board members –Rob Linke, Gary Swick, Tom Muth, Bob Trueblood, Kyla Jacobsen, Cindy Skrukud, Eric Schoeny, Byron Ritchason

guests: Alena Bartosova, Randy Hummer, Jack Russell, Karen Clementi, Amy Underwood, Dan Blum, Dustin Gallagher, Art Malm, Carl Fischer, Jim Huchel, Chris Ducret, Dean Thorsen, Laura Marcasciano, Chuck Roberts, Greg Ulreich, Greg Rokos, Steve Pescitelli, Pete Wallers, Jeff Freeman, Ed Coggin, Bernie Held, Mike Ott, Clint Bailey, Beth Vogt, Scott Bell, Abel Haile, Bob Morris

- Introductions
- Minutes
  - March 26, 2015 minutes - motion by Bob Trueblood, second by Gary Swick. Passed with one abstention from Eric Schoeny.
- Treasurer's Report – Tom
  - Financial report - balance as of 3/31/15 of \$12,967.87. The city of Elgin has sent a check for \$25K which isn't reflected in the balance
  - 2014 In-Kind reports - please provide these ASAP as the audit will be soon.
  - Limnotech Inv. 15 and 16 - Motion by Bob Trueblood to pay both of the outstanding invoices, seconded by Byron Ritchason and passed unanimously
- Limnotech Report- Scott Bell - the PowerPoint will be posted on the website
  - Scenarios update - intended to frame the FRIP according to what the regulating agencies are looking for. Not. Setting the WQ standards in the models.
    - Using baseline flow of river at 7Q10, Model runs at 80% DAF. Observation no significant change in DO, but does seem to increase the algae (due to increased hydraulic residence time).
    - Modeled with TP at zero and WWTP flow at zero. No withdrawal and no incoming water. We need to show this in the FRIP because even if no WWTPs existed, there are still water quality challenges with upstream and tributaries at current conditions. Current modeling shows still doesn't result in meeting the DO standard everywhere in river.
    - Only TP is the upstream condition. Largest increase in simulated DO but still shows one spot not where meeting DO standard upstream of Algonquin. (Model uncertainty in predicting minimum DO remains an issue). No TP in tributaries and none in the WWTP discharges.
    - Going to run one more scenario - no WWTPs, tributaries and upstream boundary at 0.05. And remove the water withdrawals.

- How high does the river flow need to be, under model conditions, to meet standards? Looked at 122 summer days. Under baseline conditions, meets WQS 74%. Lowering the WWTP TP standard gets improvement up to 84%.
    - Discussion regarding ignoring the dip at Algonquin and seeing how much of the river this is truly a problem. Even reducing the upstream boundary, current model simulation say still can't meet DO standard 100% of the time in the summer.
  - FRIP outline update
    - revised the outline and sent out to the board. Please send comments to Scott. Draft should be completed in June. First 4 sections are pretty clear cut. Later sections need nailing down. Timing, review periods, reporting requirements, etc. would like to have discussions with the board BEFORE the May 28 meeting. Would like to have some conference calls before the next meeting. CMT is reviewing the costs of all the scenarios. Scott will send a doodle poll out with dates in May in 2 hour blocks.
    - Currently updating scenario runs with dam removal modeled. Will likely look at that at the May meeting.
    - Question about what the IEPA thinks about the fact that the WQS can't be met. The IEPA will not take official action until the FRIP is complete and there is something tangible to review.
    - Discussion as to whether or not the Stratton Dam flow could be increased to "flush" the river over a couple weeks or days, are we going to have make major WWTP changes instead of crossing the boater on the chain of lakes!
    - We need to have actual data from below Algonquin Dam. Or perhaps, put a sonde out there and gather some data. The board will discuss this internally as to how to make those determinations.
- ISWS Report– Alena
  - Fox dBase update- please send data to alena@illinois.edu. Send any outstanding data to Alena within the next 2 weeks.
  - Received an email from the IEPA wondering if the group has an updated QUAPP. Jack believes it exists and will get that to Alena
- Chair's Report– Cindy
  - Kane Co. grant submittal approval -due 5/4, but we need aboard resolution to make this happen. Cindy sent out for review. Bob Trueblood motioned to approve resolution #1-2015 as modified and read by Cindy, seconded by Tom Muth. Passed unanimously.
  - MS4 (urban runoff) and Ag subcommittees for FRIP - what are we going to say in the FRIP that will affect MS4 communities? Will urban run-off control be even close to cost effective? Subcommittee should review information relevant to urban run-off and how that will be addressed in FRIP. There will be a separate meeting before the next board

meeting. Should have cost/benefit analysis before ag/MS4 issues are addressed? Cindy will follow up on this.

- Dam subcommittee- Rob
  - Webpage update - Rob sent a email with the River restoration & FRIP: Two approaches. Board needs to review and provide input/changes to Rob by May 1st.
- Next meeting
  - May 28, 9:30 AM, Fox Metro