

Minutes from Jan. 15th 2004, Kerr 216 Water Quality Technical Work Group Meeting

Attendance: Frank Yelverton, Jennifer Everett, Adunga Kebede, Bud LaRoche, Pete Kornegay, Tom Augsburg, Martin Lebo, Jerad Bales, Jean Richter, Jim Mead

Jean – need to add F&W Refuge data language to the #2 series to the PMP

Group decided that we need to gather existing data first before you can decide on what model to use. Next step is to determine how much it will cost to get all the data together.

Frank – the tailrace data has been a bit quirky, found out that the probes had been dangling. The probes are going to be repositioned in the next day or so....waiting for a low flow day.

Jean volunteered to be the recipient of the different agencies' existing data.

Frank, Jean, Pete, Martin, Tom, Bud, Jerad and Jennifer described the types of data that their agency's have collected over the years.

The group decided to retrieve data from 1995 to present.

Jerad- How much data upstream of Kerr Reservoir (how far upstream) do we want to include in this data retrieval. Group decided that data from major tributaries that drain to the Kerr Lake should be included.

Martin – the sequence of how long water is held and released is an important aspect to the study. So analyzing data of what is coming into Kerr Lake is necessary.

Jerad- no need to send raw data to Jean at this point, but a synopsis of what people have. This synopsis needs to be given to Jean by February 13th.

Frank – suggested having a template for folks to fill out. The template will consist of Dates (period), Location(s), Parameter(s), data interval (frequency), Depth Profile, Flow/Discharge (gage height), Format (of what data is available in), Agency, Point of Contact (including email and phone number).

Frank – need to look at how much time it will take to compile data including today's meeting. Also, look at cost of evaluating adequacy of data to make model(s). For an initial estimate, it appears that all series 1 tasks (evaluate data and prepare recommendations for additional data collection) combined would cost about \$75,000. Similarly, it is estimated that all series 2 tasks (prepare scope of work for additional data collection) combined would cost about \$75,000. Finally, the estimated cost of all series 3 tasks (preparing scopes of work for water quality modeling) combined would cost about \$120,000.

There was a general consensus among the team that two types of scopes of work for models should be developed. One being rather simplistic and other more complex. Complex models may provide more useful information, but if money is not available to perform such modeling, then we would be prepared to implement the simplistic models.

Discussion of 'farming' out task 2 series to contractors or formation of a subcommittee consisting of Jerad, Martin and Adugna to determine adequacy of existing data.

Action Items:

Frank - find out how Martin will be compensated for his time on this study.
- develop template spreadsheet for the group to use for summarizing existing data.
- making revisions to costs associated with the tasks in the PMP

Adugna – looking into RFP that was sent out for the CFR model, what were the costs for developing the scopes of work

Bud - checking on where the tailrace data is at
- checking with VADEQ to get what monitoring data they have.

All - fill out template spreadsheet regarding existing data and submit to Jean by Feb. 13th.

Next Meeting:

Discussion of our group developing scopes of work in-house or contract it out.
Meeting in Raleigh, face to face, possibly on Feb. 24th but waiting to confirm that.....(Jerad's schedule).