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Yakima River Basin Study– Modeling (Task 6) Subcommittee Meeting Notes, August 19, 2010, Reclamation Yakima Project Office in Yakima, Washington

Review Proposed Modeling Scenarios

Changes to the Future without the Project, Non-Structural, and Integrated Plan Scenarios were presented and discussed. The calculation of TWSA with respect to when certain aspects of reservoir storage should be counted, was discussed.

Review Preliminary Results:

Results from simulation of the scenarios were presented and discussed.

Ron Van Gundy indicated the Roza conservation numbers were too high. The numbers include conservation measures that have already been implemented. It was suggested to reduce the conservation numbers for Roza.

There was some concern that the groundwater infiltration volume might be too large. This will be reviewed with Bob Anderson, from Golder.

Wendy commented that the Kachess inactive storage volume in the Preliminary Plan was only 100,000 acre-feet, instead of 200,000.

Jeff Thomas indicated that the DSS model should be run (and results provided) for each scenario since it generates a large amount of information that is important from a resource perspective.

In particular, it would be helpful to have pool elevation data for estimating possible impacts of the Kachess inactive storage project on Bull Trout migration out of the reservoir. In recovering Kachess levels after a drawdown, it was suggested that additional storage from Cle Elum and Wymer could be used. DSS results will be provided from here on.

Bumping Reservoir should be re-filling better. Possibly something is wrong with the assumed releases, since it filled in the Storage Study. The enlarged Bumping reservoir should be modeled at 190,000 acre-ft rather than 160,000 acre-ft. Release requirements will be reviewed and adjusted.

Modeling Plan:

The plan for additional modeling work was presented and discussed.

It was suggested that Doodle Poll should be used for scheduling of future meetings.



Next Subcommittee Meeting

The next meeting will be held August 18, 2010, at the Reclamation office, at 1:00 PM. Note that this is subject to change.

Attendance

Chris Lynch, Reclamation

Wendy Christenson, Reclamation

Mark Johnston, Yakama Nation

Jeff Thomas, USFWS

Ron Van Gundy, Roza Irrigation District

David Child, Yakima Basin Joint Board

David Fast, Yakama Nation

Gerald Kelso, Consultant to Bureau of Reclamation,

Steve Thurin, HDR

Bob Montgomery, Anchor QEA

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