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Yakima River Basin Study– Modeling (Task 6) Subcommittee Meeting Notes, October 14, 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.

Review Preliminary Results:

Results from simulation of the scenarios were presented and discussed.

The question was posed if it was appropriate to include Future M&I demands under the FWIP scenario. One view is future M&I is anticipated to occur in the baseline and not project-dependent. Other view is that water allocations are tight and if future development does not have a legal entitlement it would have to be offset (perhaps with urbanized ag. water). Currently, they are included in the FWIP scenario. Should Future M&I demands only occur during the summer?

Critical months in Kachess are July, August and September concerning fish passage.

When looking at adjusted Integrated Plan Scenarios (without Bumping enlargement, without Wymer and without Kachess Inactive and K to K), should the same instream flow targets be modeled or removed?

A suggestion was made to have the ability to reduce the enhanced instream flow during dry years.

Add an option to operate Thorp pumpstation in summer to bypass Roza irrigation and Parker instream flow around Ellensburg reach.

Should Bumping expansion be 150,000 acre-feet (expanded dam site closer to existing location)?

It was suggested to tweak the output formatting by:

- Adding a version number/date to output with note that output supersedes previous results if applicable
- Adding hydrographs for consecutive reservoir refilling years (1994+)
- Flip flop statistics: include maximum flow rate of change (cfs/day) during the flop flop transition period



Modeling Plan:

Model results will be presented to the Workgroup next week. The plan for additional modeling work was presented and discussed.

Attendance

Chris Lynch, Reclamation

Joel Hubble, Reclamation

Joel Freudenthal

David Child, Yakima Basin Joint Board

Gerald Kelso, Consultant to Bureau of Reclamation

Chuck Garner, Reclamation

Stuart Crane

Alex Conley

Steve Thurin, HDR

Bob Montgomery, Anchor QEA

Dave Minner, HDR

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