Proposed Wymer Reservoir

Capacity is 162,500 acre-feet, 82,500 to instream flow and 80,000 to additional supply.
Diverts from Thorp during winter and spring, keeping a minimum of 1,000 cfs in the river, during the non-irrigation season. Lake Cle Elum can release flows during the non-irrigation season to reach the 1,000 cfs target plus additional for storage in Wymer. The capacity of the Thorp pumps is assumed at 400 cfs. At Wymer, storage is divided into an instream account and irrigation account. The irrigation account contributes to TWSA and can be released after July 1st; the latter date is meant to provide for additional instream benefits from reduced upper Yakima reservoir releases in the summer months. The instream account provides for supplemental instream flows at any time of the year to maintain a 1,000 cfs flow at Roza. Water can be released directly to Roza Canal.

Proposed K-K Pipeline

The 5-mile long pipeline is intended to reduce high flows in the river below Keechelus, and to capture additional storage that may be spilled. Pipeline capacity is 400 cfs, which is reduced to 200 cfs after March 31st based on the smolt migration comment provided by Joel. Transfers will occur when Keechelus is above 100,000 acre-feet and will stop if Keechelus drops below this level (this level was arbitrarily set to maintain some storage in Keechelus during the worse drought year). Flows into Kachess occur if Kachess is below 450,000 acre-feet during the flood season (set to prevent additional spills from Kachess) or below the conservation pool in non-flood season.

Kachess Inactive Storage

Revisions to the outlet works (using a tunnel or a pump station) to allow the reservoir to be drawn down by an additional 200,000 acre-feet in <70% prorationing years. TWSA is normally calculated without considering the inactive pool unless the April 1st proration is 70% or less. In this case, the inactive pool is added to TWSA and the proration calculations. The inactive pool is removed from TWSA once the irrigation season has ended. Outlet currently assumed to go to Lake Easton.

Proposed Cle Elum Dam Raise

Increase maximum flood pool and conservation pool by 3 feet. No other operational changes are made.

Proposed Bumping Reservoir Expansion

Bumping Reservoir is increased in size to 190,000 acre-feet. The current size of the flood pool is maintained, with elevations increased. No other operational changes are made; for example the reservoir is not divided into irrigation and instream accounts (pending feedback from subcommittee).