

Glen Canyon Dam Adaptive Management Program Adaptive Management Work Group (AMWG) Meeting August 19-20, 2020

ACTION ITEMS, MOTION, and VOTES

MOTIONS AND VOTES

1. **Motion to approve February 12-13th, 2020 Meeting Minutes:** Steve Wolff (WY) moved and Chris Harris (CA) seconded a motion to approve the minutes as they were distributed on July 28th, 2020, with two minor revisions to page 21 submitted by Larry Stevens (GCWC) during the meeting. The minutes were approved by consensus.
2. **Motion to approve May 20th, 2020 Meeting Minutes:** Sara Price (NV) moved and Vineetha Kartha (AZ) seconded a motion to approve the minutes as they were distributed on July 28th, 2020. The minutes were approved by consensus.
3. **Motion to recommend the 2021-2023 Triennial Budget and Work Plan:** John Jordan (FFI/TU) moved and Larry Stevens (GCWC) seconded the following motion. The motion was approved by consensus.

AMWG recommends to the Secretary of the Interior the Glen Canyon Dam Adaptive Management Program Triennial Budget and Work Plan—Fiscal Years 2021-2023 (July 29, 2020 draft), subject to the following:

- Removal from GCMRC Project N the following verbiage:

Past research into changes in regional energy costs attributed to alteration of GCD operations have shown that no changes occur in hourly prices (U.S. Department of Interior, 2016b). Specifically, hourly energy prices at the regional hub important to GCD (Palo Verde) remain approximately the same with variation in production of energy at GCD. In addition, the analysis of experiments is a short-run analysis, assuming that demand for energy is inelastic (demand does not change with small changes in prices) and surplus power capacity exists. Therefore, changes in \$/MW and \$/MWh are accurate representations of the changes in consumer and producer surplus when evaluating minor, short-run changes in GCD operations. However, long-run changes in the energy sector may lead to a different economic outcome and a more complete modeling approach would be required. The evaluation of GCD operation and long-run changes in the electricity sector such as the integration of renewable energy, repurposing of federal hydropower resources, or power system capacity expansion would require a significant increase in research scope.

- Consideration of GCMRC Project O is deferred, but will be included in the 2021-2023 Triennial Budget and Work Plan as a proposal to be considered for the Reclamation C.5 Experimental Management Fund, pending revisions to be made by GCMRC and the Bureau of Reclamation and review by the Technical Work Group. After consideration and if recommended by AMWG, a springtime disturbance flow will be planned to occur in coordination with Glen Canyon Dam apron repairs, to ensure sufficient time to integrate the information and learning about the importance of springtime high flows into the 2021-2023 TWP, subject to an evaluation of the resource conditions described in the LTEMP ROD.

AMWG acknowledges and appreciates the effort to develop Project O in response to elements of the TWG Recommendation for the 2021-2023 Triennial Budget and Work Plan, consistent with guidance from the Secretary's Designee (memo issued August 14, 2019), and in support of the Flow Ad Hoc Group charge. GCMRC is commended for their effort.

AMWG members will submit written comments to GCMRC and Reclamation on Project O no later than Friday, September 4, 2020. GCMRC and Reclamation will make revisions based on comments received and will submit the revised Project O plan for TWG consideration by Wednesday, October 7, 2020, for discussion at the October 2020 TWG meeting. AMWG directs the TWG to review the revised Project O and to forward a revised Project O recommendation for AMWG consideration no later than Friday, October 30, 2020. The AMWG will act on the TWG recommendation no later than Friday, November 20, 2020.

ACTION ITEMS

1. Members are asked to support the family of Charley Bulletts with cards and letters. Please contact Theresa Pasqual (trepasqual@gmail.com) for correspondence instructions.
2. AMWG members are asked to submit written comments on Project O to GCMRC and Reclamation by Friday, September 4th.
3. AMWG and TWG members will receive an inquiry for meeting dates for Project O discussion as outlined in Motion #3 above, including a date for a potential special AMWG session.
4. At its next meeting, the AMWG will receive updates from the National Park Service regarding the Brown Trout Incentivized Harvest project, including, but not limited to, funding status and needs.