

Glen Canyon Dam Adaptive Management Program Technical Work Group Meeting, June 23-24, 2020

ACTION ITEMS, MOTIONS, and VOTES

MOTIONS AND VOTES

TWG Chair and Vice Chair

Motion made by Larry Stevens, seconded by Kevin Dahl, and approved by consensus

The TWG reappoints Seth Shanahan to the position of chair and Vineetha Kartha to the position of vice chair to the Glen Canyon Dam Technical Work Group for Fiscal Year 2021.

2021-2023 Triennial Budget and Work Plan

Motion made by Kevin Dahl, seconded by Larry Stevens, and approved by consensus

The TWG recommends that the AMWG recommend for approval to the Secretary of Interior the Triennial Work Plan and Budget FY 2021-2023 as provided to the TWG on June 23, 2020 and as requested to be revised by the TWG during their meeting on June 23 and 24, 2020.

Revisions requested by the TWG on June 23 and 24, 2020:

1. Include the GCMRC B.4 work element in the budget (\$58,000 for first 2 years and \$64,000 for year 3).
2. Remove and/or reduce GCMRC D.2 (approximately \$39,000 in year 1, \$36,000 in year 2, and \$54,000 in year 3) and GCMRC D.3 (approximately \$28,000 in year 1, \$29,000 in year 2, and \$0 in year 3).
3. Include Havasu Creek and LCR-mouth gage in GCMRC A.1 at 17,000/year.
4. Please change GCMRC Project N verbiage (Pg 294) from "*For example, modeling a change in ramp rates to maintain or improve the hydropower and recreational resource objectives is a possible application of GCMRC Project N.*" to: "**For example, modeling a change in ramp rates to improve the hydropower resource objective is a possible application of Project N.**"
5. In accordance with direction provided by the AMWG as described in the FLAHG charge, include a project and/or project element to support the FLAHG charge, and provide funding if necessary.
6. Remove Reclamation B.4, TWG Chair reimbursement (25,000 for FY 2021)

7. Propose AGFD and GCMRC look to integrate work efforts to allow for an additional TRGD site to be monitored. Cost estimate for going from 1 TRGD to 2 TRGD sites is approximately 67,000.
8. Prioritize the use of available, unprogrammed and unspent funds from FY 2020, 2021 and 2022 towards funding GCMRC G.6 (JCM-West) in 2023.

ACTION ITEMS

1. Members are asked to support the family of Charley Bulletts with cards and letters. Please contact Theresa Pasqual for correspondence instructions. In addition, [AMWG and TWG](#) members are asked to share photos and memories of Charley with Reclamation to support a remembrance to be held during the August AMWG meeting.
2. [Reclamation and USGS](#) to continue to report updates related to monitoring and mitigation for dissolved oxygen conditions downstream of Glen Canyon Dam. Request that future “current condition” updates include temperature and DO thresholds for humpback chub.
3. [NPS](#) asked for additional information regarding the Cultural Resources Monitoring (CRM) program.
4. [Grand Canyon River Guides](#) (Ben and Zeke) asked to consider how the Adopt-A-Beach surveys could complement or be integrated into existing monitoring programs.
5. Several requests for consideration by the [FLAHG and GCMRC](#) regarding spring HFEs. There were questions during the modeling and flycatcher presentations. Can we have a discussion on the impacts of spring HFEs on flycatcher habitat and to discuss the questions that came up during the HFE modeling discussion? Can we also be sure to consider the impact of timing on the value of power production? There are different impacts depending on whether it is a spring or fall HFE. Could we have a full-day brainstorming about what we do and don't know?
6. Request for review and presentation related to [GCMRC's](#) recent publication on the fate and transport of mercury. Request to include any information regarding uranium mining around and water quality and quantity impacts through Grand Canyon?
7. [Administrative History Ad Hoc Group](#) to review Paul Hirt's completed website and report out at the October TWG meeting.