

**Glen Canyon Dam Adaptive Management Program**  
**Technical Work Group (TWG)**  
**Ad Hoc Group List**  
**Updated: January 11, 2021**

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**Administrative History (AHAHG):** Co-chairs – Larry Stevens, Craig Ellsworth. Established October 2012.

Charge: The TWG directs the AHAHG to further develop the "Wikipedia Concept" as presented at the October 2012 TWG meeting. The website (<https://gcdamhistory.org/>) purpose is to implement and address the recommendations from the Administrative history prospectus. As applicable, the Wiki is to serve as a collaborative resource tool to aid managers and to warehouse the program's historical information to assist stakeholders to learn and share knowledge in a user-friendly format.

Status: Active.

Members: Jan Balsom, Shane Capron, Kurt Dongoske, Craig Ellsworth, Leslie James, Vineetha Kartha, Larry Stevens.

Invited technical advisors: Helen Fairley.

**Budget (BAHG):** Chair – Craig Ellsworth. Established November 12, 2003, re-established June 22, 2009.

Charge: The Budget Ad Hoc Group (BAHG) will work with the Bureau of Reclamation (Reclamation) and Grand Canyon Monitoring and Research Center (GCMRC) to develop an annual budget recommendation for TWG consideration. This is to include an initial budget recommendation during the spring TWG meeting and a final recommendation during the summer TWG meeting.

Status: Active.

Members: Jan Balsom, Cliff Barrett, Richard Begay, Peter Bungart, Rob Billerbeck, Shane Capron, Winkie Crook, Kurt Dongoske, Craig Ellsworth, Clarence Fullard, Michelle Garrison, Paul Harms, Brian Healy, Ken Hyde, Leslie James, John Jordan, Vineetha Kartha, Jakob Maase, Ryan Mann, Craig McGinnis, Jessica Neuwerth, Kerri Pedersen, Bill Persons, Ben Reeder, Peggy Roefer, Seth Shanahan, Larry Stevens, Jim Stroger, Steve Wolff, Kirk Young.

Invited technical advisors: Helen Fairley, Mike Moran, Clayton Palmer, Dave Rogowski, Scott Vanderkooi.

**Core Monitoring (CMAHG):** Chair – Vacant. Established March 15, 2010.

Charge: To be determined when needed. Most recent charge - Develop, for TWG review at its June 2010 meeting, an appendix for the General Core Monitoring Plan (Plan) which describes a TWG process for making recommendations to AMWG on the individual core monitoring plans developed by GCMRC. Review the revised draft Plan from GCMRC this spring and develop a recommendation for TWG at its June 2010 meeting.

Status: Suspended.

Members: Jan Balsom, Cliff Barrett, Bill Davis, Kurt Dongoske, Craig Ellsworth, Paul Harms, Ryan Mann, Peggy Roefer, Larry Stevens, Jim Stroger, Kirk Young.

Invited technical advisors: Helen Fairley, Clayton Palmer.

**Cultural Resources (CRAHG):** Chair – vacant. Established September 6, 2001, re-established June 22, 2009.

Charge: To be determined when needed. Most recent charge - The Cultural Resources Ad Hoc Group (CRAHG) will review the annual budget recommendation on cultural program issues and make recommendations to the BAHG. Additionally, the CRAHG will review the treatment plan, the cultural properties monitoring program, and make recommendations to TWG.

Status: Suspended. Routine updates are to be provided to the TWG by Reclamation Archeologist and/or CRAHG members as needed.

Members: Jan Balsom, Richard Begay, Peter Bungart, Kelly Burke, Winke Crook, Leslie James.

Invited technical advisors: Helen Fairley, Lisa Meyer.

**Flow (FLAHG):** Chair – Peggy Roefer. Established January 15, 2020

Charge: In accordance with direction provided by the AMWG at its August 18, 2018 meeting, and the Secretary Designees August 14, 2019 guidance to BOR and GCMRC, the FLAHG is charged with working with GCMRC to evaluate opportunities for conducting higher spring releases that may benefit high value resources of concern to the GCDAMP (recreational beaches, aquatic food base, rainbow trout fishery, hydropower, humpback chub and other native fish, cultural resources, and vegetation), fill critical data gaps, and reduce scientific uncertainties. As a starting point, the FLAHG shall consider the benefits of and opportunities for conducting higher spring releases within power plant capacity. The FLAHG and GCMRC will report their initial findings to the TWG in April 2020 so that the TWG and GCMRC can report their conclusions to the AMWG in May 2020.

The FLAHG is also charged with working with GCMRC to develop and propose a project element in the FY 2021-2023 Triennial Budget and Work Plan to identify other spring high flow options that may be allowed under the current LTEMP ROD (as determined by DOI) that may benefit high valued resources of concern to the GCDAMP (defined above), fill critical data gaps, and reduce scientific uncertainties.

Status: Active.

Members: Jeff Arnold, Jan Balsom, Cliff Barrett, Rob Billerbeck, David Brown, Peter Bungart, Kelly Burke, Shane Capron, Winkie Crook, Craig Ellsworth, Charlie Ferrantelli, Clarence Fullard, Michelle Garrison, Paul Harms, Brian Healy, Leslie James, John Jordan, Vineetha Kartha, Ted Kennedy, Jakob Maase, Ryan Mann, Craig McGinnis, Jessica Neuwerth, Clayton Palmer, Bill Persons, Richard Powskey, Ben Reeder, Peggy Roefer, Scott Rogers, Seth Shanahan, Larry Stevens, Jim Stroger, Steve Wolff, Kirk Young.

Invited technical advisors: Helen Fairley, Mike Moran, Heather Patno, Scott Vanderkooi.

**Operating Procedures (OPAHG):** Chair – TWG Chairperson. Established: June 20, 2012

Charge: To be determined when needed. Most recent charge - To consider and make recommendations to AMWG on (1) revised TWG Operating Procedures; (2) review of CRAHG report and implementation of recommendations.

Status: Suspended.

Members: Cliff Barrett, Shane Capron, Kevin Dahl, Craig Ellsworth, Vineetha Kartha, Seth Shanahan.

Invited technical advisors: Mike Moran, Scott Vanderkooi.

**Socioeconomics (SEAHG):** Chair – Ben Reeder. Re-established October 24, 2012.

Charge: To be determined when needed. Most recent charge - The SEAHG, working with GCMRC, will review the program proposed by the SEAHG in 2012, and areas specified that may not be pursued in the Long-Term Experimental Management Plan and Adaptive Management Program related programs, and began to develop draft recommendations for 2015/16 program activities as provided for in the Secretary's April 30, 2012 letter to the GCDAMP.

Status: Suspended. The SEAHG is expected to be re-activated during the fall of 2019 to assist with developing the next triennial budget and work plan.

Members: Jan Balsom, Cliff Barrett, Shane Capron, Leslie James, Vineetha Kartha, Ben Reeder, Peggy Roefer, Jim Stroger.

Invited technical advisors: Lucas Bair, Helen Fairley, Clayton Palmer.

**Species of Management Concern (SMCAHG):** Chair – Larry Stevens. Established January 30, 2014.

Charge: Document the status of species of management concern and habitat restoration activities in the Colorado River Ecosystem (CRE), and report regularly upon those findings to the TWG. The SMCAHG will advise the TWG regarding information gaps and potential ways to obtain that information and will provide TWG with a review of plans and documents related to CRE population and habitat restoration efforts and progress. Maintain the "Taxa of Management Concern" white paper and excel tables as information changes.

Status: Active.

Members: Shane Capron, Winkie Crook, Kevin Dahl, Bill Davis, Kurt Dongoske, Craig Ellsworth, Jess Gwinn, Paul Harms, Brian Healy, Vineetha Kartha, Ryan Mann, Jessica Neuwerth, Peggy Roefer, Erik Skeie, Larry Stevens, Jim Stroger, Kirk Young.

Invited technical advisors: John Spence, Mike Moran, Scott Vanderkooi.

**Steering Committee (SCAHG):** Chair – TWG Chairperson. Established October 2012

Charge: The SCAHG will assist the TWG Chairperson and TWG Vice-Chairperson in developing meeting agendas and a long-term strategy for completing work of the TWG.

Status: Active.

Members: Peter Begay, Rob Billerbeck, Peter Bungart, Shane Capron, Craig Ellsworth, Clarence Fullard, Vineetha Kartha, Jacob Maase, Peggy Roefer, Seth Shanahan, Larry Stevens, Jim Stroger.

Invited technical advisors: Mike Moran, Scott Vanderkooi.

**Trout (TAHG):** Chair - vacant. Established October 20, 2015.

Charge: To be determined when needed. Most recent charge - The TAHG will evaluate the GCMRC Technical Review of the Lees Ferry Recreational Trout Fishery Management Recommendations per the AMWG motion on 8/27/15 and make a recommendation to the TWG at our January 2016 meeting. The TWG will consider the recommendation and make findings to the AMWG at its February 2016 meeting.

Status: Suspended.

Members: Shane Capron, Bill Davis, Kurt Dongoske, Craig Ellsworth, Paul Harms, Brian Healy, John Jordan, Vineetha Kartha, Ryan Mann, Jessica Neuwerth, Kerri Pedersen, Peggy Roefer, Seth Shanahan, Erik Skeie, Jim Stroger.

Invited technical advisors: Mike Moran, Scott Vanderkooi.