

**GLEN CANYON DAM ADAPTIVE MANAGEMENT PROGRAM**  
**ADAPTIVE MANAGEMENT WORK GROUP MEETING, FEBRUARY 15-16, 2017**  
Embassy Suites by Hilton Phoenix Tempe, 4400 South Rural Road, Tempe AZ 85282, 480.897-7444  
Meeting Room: Phoenix B

*Final Agenda*

START TIME <sup>1</sup> (Duration)	Wednesday, February 15, 2017 Topic, Presenter, and Purpose <sup>2</sup>
9:30 – 10:07 a.m.	<p><b>Welcome and Administrative:</b> Brent Rhees, Secretary’s Designee Alternate</p> <ul style="list-style-type: none"> <li>• Introductions and Determination of Quorum (15 members)</li> <li>• Approval of August 24-25, 2016, Meeting Minutes</li> </ul> <p><b>Final Motion:</b> Approve the August 24-25, 2016, Meeting Minutes.  <i>Moved by Chris Harris, seconded by Larry Stevens, passed by unanimous voice vote pending the minor edit offered by Mr. VanderKooi.</i></p> <ul style="list-style-type: none"> <li>• Action Item Tracking Report</li> <li>• Progress on Nominations and Reappointments</li> <li>• Introduction of Mike Moran, new Deputy Chief, GCMRC</li> </ul>
10:07 – 10:24 a.m.	<p><b>Charter Ad Hoc Group Report:</b> Kathleen Callister, Reclamation</p> <p><u>Purpose:</u> To make a recommendation to the Secretary of the Interior regarding changes to the AMWG Charter for the upcoming Charter renewal.</p> <p><b>Final Motion:</b> The Charter Ad Hoc Group recommends that AMWG recommend renewal of the AMWG Charter by the Secretary with changes as noted in the attached.  <i>Moved by Steve Wolff, seconded by Chris Harris, passed by unanimous voice vote.</i></p>
10:25 – 10:44 a.m.	<p><b>Long-Term Experimental and Management Plan (LTEMP)—Overview of the Record of Decision and What it Means for AMWG, Dam Operations, and GCDAMP Priorities:</b>  Katrina Grantz and Paul Davidson, Reclamation</p> <p><u>Purpose:</u> Provide an overview of the LTEMP ROD with focus on AMWG, dam operations, and GCDAMP priorities.</p>
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10:52 a.m. – 12:35 p.m.	<p><b>Lees Ferry Trout Fishery Status:</b> John Jordan and John Hamill, International Association of Fly Fishers/ Trout Unlimited; Chris Cantrell, Arizona Game and Fish Department</p> <p><u>Purpose:</u> To inform the AMWG Stakeholders of the current and immediate past condition of the Lees Ferry Rainbow Trout fishery.</p> <p><b>Final Motion:</b> The AMWG believes that in moving forward with any new actions to manage brown trout (BT) in the Lees Ferry reach of the Colorado River, it would be beneficial to work to develop a plan based on the most up to date information and that has involvement from interested members of the AMWG. Accordingly, the AMWG requests that the Secretary of the Interior direct the National Park Service and the Grand Canyon Monitoring and Research Center and request the Arizona Game and Fish Department to organize and facilitate a workshop among scientists, managers, tribes, and interested stakeholders to address: (1) the root causes of the increases in BT, (2) the risks associated with an expanding BT population to a quality rainbow trout fishery in Lees Ferry and the recovery/conservation of humpback chub and other native fish down river, (3) the pros and cons of different experimental and management options to address those risks including but not limited to mechanical removal, trout management flows, and the current High Flow Experiment protocol, (4) the research needs to support more informed decisions moving forward, and (5) management recommendations for minimizing the negative effects of brown trout. Management recommendations should take into consideration expressed tribal concerns regarding the taking of life. Results from the workshop, and any recommended actions based on them, should be reported to the TWG and presented to the AMWG at the August 2017 meeting. <i>Moved by John Jordan, seconded by Larry Stevens, passed by consensus.</i></p>
12:40 – 1:45 p.m.	<b>L U N C H</b>
1:50 – 2:11 p.m.	<p><b>Basin Hydrology and 2017 Dam Operations:</b> Paul Davidson, Reclamation</p> <p><u>Purpose:</u> To increase understanding of water supply, forecasted hydrologic conditions, and projected reservoir conditions and operations for the current and upcoming water years.</p>
2:12 – 2:22 p.m.	<p><b>Technical Work Group Chair Report:</b> Seth Shanahan, TWG Chair</p> <p><u>Purpose:</u> To update AMWG members on the TWG meetings held October 2016 and January 2017.</p>
Re-scheduled	<p><b>GCDAMP Triennial Budget and Work Plan Process:</b> Shane Capron, TWG’s Budget Ad Hoc Group Chair (Due to time constraints, this will be scheduled for the May 24 webinar meeting.)</p>
2:24 – 2:36 p.m.	<p><b>GCDAMP Wiki Update:</b> Craig Ellsworth, WAPA</p> <p><u>Purpose:</u> Introduce the GCDAMP Wiki Site, show the wiki’s utility as an information sharing and storage platform for GCDAMP stakeholders, and demonstrate how stakeholders can add information to the wiki.</p>
2:40 – 3:15 p.m.	<p><b>Knowledge Assessment Update:</b> Seth Shanahan, TWG Chair and David Braun, Sound Science</p> <p><u>Purpose:</u> To increase understanding of the pilot process that the TWG is using to organize and display information about current knowledge of resource status and trends and cause-effect relationships, and uncertainties in this current knowledge.</p>

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3:15 – 3:30 p.m.	<b>B R E A K</b>
3:30 – 4:25 p.m.	<p><b>2017 GCDAMP Annual Reporting Meeting Update:</b> Scott VanderKooi and Mike Moran, Grand Canyon Monitoring and Research Center</p> <p><u>Purpose:</u> To increase understanding of research and monitoring results from the last year that were presented at the January 2017 Annual Reporting Meeting.</p>
4:26 p.m.	<b>Public Comment - None</b>
4:40 p.m.	<b>A D J O U R N F O R T H E D A Y</b>
5 p.m.	<p><b>Social Hour in the Lounge</b></p> <p>Please come and socialize (no host) with your fellow AMWG members and other meeting attendees.</p>

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8:30 – 8:37 a.m.	<b>Welcome and Administrative:</b> Brent Rhees, Secretary’s Designee Alternate <ul style="list-style-type: none"> <li>• Introductions and Determination of Quorum (15 members)</li> </ul>
8:45 – 9:38 a.m.	<b>“Estimating Non-Use Values for Alternative Operations of the Glen Canyon Dam: An Inclusive Value Approach:”</b> Hank Jenkins-Smith and Carol Silva, Center for Energy, Security & Society, University of Oklahoma (by telephone)  <u>Purpose:</u> The information in this study and presentation fulfills some of the information needs included in the SEAHG Program approved by the AMWG, and will help inform the AMWG in the development of future recommendations to the Secretary.
9:39 – 9:57 a.m.	<b>Stakeholder’s Perspective—Grand Canyon Wildlands Council:</b> Larry Stevens, Grand Canyon Wildlands Council  <u>Purpose:</u> To explain why Grand Canyon Wildlands Council is an AMWG member, what they hope to achieve through the Glen Canyon Dam Adaptive Management Program, and what is important to Grand Canyon Wildlands Council about the Program.
10:00 – 10:15 a.m.	<b>B R E A K</b>
10:20 – 10:40 a.m.	<b>Science Advisors’ Program Update:</b> David Braun, Sound Science <ul style="list-style-type: none"> <li>• Presentation (15 minutes)</li> <li>• Q&amp;A, discussion, and action (10 minutes)</li> </ul> <u>Purpose:</u> To provide an update on Science Advisors Program activities and plans for FY 2017 and beyond.
10:40 – 11:30 a.m.	<b>FY2018-20 Triennial Budget and Work Plan:</b> Shane Capron, TWG’s Budget Ad HoC group Chair; Katrina Grantz, Reclamation, and Scott VanderKooi, GCMRC  <u>Purpose:</u> To discuss and seek AMWG initial input on the FY2018-20 TWP.
11:30 a.m. – 1:03 p.m.	<b>L U N C H</b>
1:03 – 1:22 p.m.	<b>GCDAMP Administrative History Project Update:</b> Paul Hirt, Arizona State University  <u>Purpose:</u> To increase understanding of the scope and status of the Administrative History Project.
1:23 – 1:40 p.m.	<b>Joint Tribal Liaison Report:</b> Sarah Rinkevich, Federal Tribal Liaison for the GCDAMP  <u>Purpose:</u> To report on the Joint Tribal Liaisons’ activities for the GCDAMP.

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1:45 – 2:35 p.m.	<p><b>Analysis of Water Losses and Impacts to the Grand Canyon Ecosystem of the “Fill Mead First” Proposal:</b> Jack Schmidt, Utah State University</p> <p><u>Purpose:</u> To inform AMWG members of the natural science issues of the “Fill Mead First” proposal, and how water storage rules for Lake Powell and Lake Mead affect the Grand Canyon ecosystem and its future.</p>
2:45	<b>Public Comment - None</b>
3:00	<p><b>Wrap-up and Adjourn:</b> Brent Rhees, Secretary’s Designee Alternate</p> <ul style="list-style-type: none"> <li>▪ <b>Please fill out the meeting evaluation sheet at your place.</b></li> </ul>

<sup>1</sup> Every effort will be made to adhere to the schedule and agenda, but on occasion, for unforeseen reasons, some modifications may occur.

<sup>2</sup> Action may be by consensus or a vote; and either may be a recommendation to the Secretary of the Interior or feedback to presenter(s) or to subordinate groups.