

**Glen Canyon Dam Adaptive Management Program  
Adaptive Management Work Group Meeting, February 9-10, 2022**

**Wednesday, February 9, 2022**

Day 1 Webinar Information:

Link: <https://rec.webex.com/rec/j.php?MTID=m2c4bb5a96cb62db32dbc28e2f608767e>

Telephone: 415-527-5035 Passcode: 2764 737 4054

FINAL AGENDA

START TIME <sup>1</sup> (Duration)	Wednesday, February 9, 2022 Topic and Presenter and Purpose <sup>2</sup>
8:30 PST/ 9:30 MST (:45)	<p><b>Welcome and Administrative:</b> Wayne Pullan, Acting Secretary's Designee to the Adaptive Management Work Group</p> <ul style="list-style-type: none"> <li>▪ Introductions and Determination of Quorum (13 members)               <ul style="list-style-type: none"> <li>○ Facilitator: Mike Harty and Kearns &amp; West team</li> </ul> </li> <li>▪ Approval of <a href="#">August 2021 Meeting Minutes</a></li> <li>▪ Review <a href="#">August meeting evaluation</a></li> <li>▪ Administrative Updates               <ul style="list-style-type: none"> <li>○ <a href="#">AMWG Charter</a></li> <li>○ <a href="#">AMWG Membership Status</a></li> <li>○ <a href="#">Action Item Tracking Report</a></li> <li>○ FY2022 Program Funding Status</li> </ul> </li> </ul>
9:15 PST/ 10:15 MST (:45)	<p><b>Basin Hydrology and Operations:</b> Heather Patno, Hydraulic Engineer, Bureau of Reclamation</p> <ul style="list-style-type: none"> <li>▪ Presentation (30 minutes)</li> <li>▪ Q&amp;A and discussion (15 minutes)</li> </ul> <p>Additional Information: 1) <a href="#">Current GCD operations</a> 2) <a href="#">24-Month Study</a> 3) <a href="#">CRMMS 2-Year Projections</a> 4) <a href="#">5-Year Projections</a> 5) <a href="#">Drought Response Operations</a></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>
10:00 PST/ 11:00 MST (:15)	<b>BREAK</b>

START TIME <sup>1</sup> (Duration)	Wednesday, February 9, 2022 Topic and Presenter and Purpose <sup>2</sup>
10:15 PST/ 11:15 MST (:45)	<p><b>2022 GCDAMP Annual Reporting Meeting Update – Part 1:</b> Mike Moran, Acting Chief, Grand Canyon Monitoring and Research Center</p> <ul style="list-style-type: none"> <li>▪ Presentation 1 – Spring Disturbance Flow, Ted Kennedy (15 minutes)</li> <li>▪ Presentation 2 – Nutrients, Bugs, &amp; Bug Flow Synthesis, Ted Kennedy (15 minutes)</li> <li>▪ Q&amp;A and discussion (15 minutes)</li> </ul> <p><u>Purpose:</u> To provide information regarding project work completed in FY21 and to inform work to be completed under the 2021-2023 triennial budget and work plan.</p>
11:00 PST/ 12:00 MST (1:30)	<b>LUNCH</b>
12:30 PST/ 1:30 MST (:45)	<p><b>Potential Water Year 2022 Experiments:</b> Lee Traynham, Bureau of Reclamation; Mike Moran, Grand Canyon Monitoring and Research Center</p> <ul style="list-style-type: none"> <li>▪ Presentation (15 minutes)</li> <li>▪ Q&amp;A and discussion (30 minutes)</li> </ul> <p><u>Purpose:</u> To discuss recent findings and possible LTEMP experiments that may be conducted in 2022.</p>
1:15 PST/ 2:15 MST (:30)	<p><b>Exploration of Potential FLAHG Charge</b></p> <ul style="list-style-type: none"> <li>▪ Discussion (30 minutes)</li> </ul> <p><b>Proposed Motion:</b> <a href="#">Direction to FLAHG</a></p> <p><u>Purpose:</u> To consider a proposed motion to direct the FLAHG to develop options for future consideration.</p>
1:45 PST/ 2:45 MST (:15)	<b>BREAK</b>
2:00 PST/ 3:00 MST (:30)	<p><b>GCDAMP Tribal Liaison Report:</b> Jamescita Peshlakai, Tribal Liaison</p> <ul style="list-style-type: none"> <li>▪ Presentation (20 minutes)</li> <li>▪ Q&amp;A and discussion (10 minutes)</li> </ul> <p><u>Purpose:</u> To report on the GCDAMP Partner Tribes’ activities and meetings as well as each Tribe’s concerns, challenges, and accomplishments.</p>

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2:30 PST/ 3:30 MST (:45)	<p><b>2022 GCDAMP Annual Reporting Meeting Update – Part 2:</b> Mike Moran, Acting Chief, Grand Canyon Monitoring and Research Center</p> <ul style="list-style-type: none"> <li>▪ Presentation 1 – Sediment, Paul Grams (15 minutes)</li> <li>▪ Presentation 2 – Vegetation/Terrestrial, Emily Palmquist (15 min)</li> <li>▪ Q&amp;A and discussion (15 minutes)</li> </ul> <p><u>Purpose:</u> To provide information regarding project work completed in FY21 and to inform work to be completed under the 2021-2023 triennial budget and work plan.</p>
3:15 PST/ 4:15 MST (:15)	<b>Public Comment</b>
3:30 PST/ 4:30 MST	<p><b>ADJOURN FOR THE DAY</b></p> <ul style="list-style-type: none"> <li>• Please fill out <a href="#">evaluation form</a> if you will not join tomorrow.</li> </ul>

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<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.

**Glen Canyon Dam Adaptive Management Program  
Adaptive Management Work Group Meeting, February 9-10, 2022**

**Thursday, February 10, 2022**

Day 2 Webinar Information:

Link: <https://rec.webex.com/rec/j.php?MTID=md4caa110511fe90f209f9c96705fa4c6>

Telephone: 415-527-5035 Passcode: 2764 343 6382

FINAL AGENDA

START TIME <sup>1</sup> (Duration)	Thursday, February 10, 2022 Topic, Presenter, and Purpose <sup>2</sup>
8:30 PST/ 9:30 MST (:15)	<p><b>Welcome and Administrative:</b> Wayne Pullan, Acting Secretary's Designee to the Adaptive Management Work Group</p> <ul style="list-style-type: none"> <li>▪ Introductions and Determination of Quorum (13 members)</li> </ul>
8:45 PST/ 9:45 MST (:45)	<p><b>Federal Agency Updates (2-3 minutes each):</b></p> <ul style="list-style-type: none"> <li>▪ Staffing Updates, Building Status (<i>GCMRC</i>)</li> <li>▪ ESA Update: Humpback chub, Razorback sucker (<i>FWS</i>)</li> <li>▪ Non-native Aquatic Species Management Plan (<i>NPS</i>)</li> <li>▪ LTEMP Litigation (<i>DOI Solicitors Office</i>)</li> <li>▪ GCDAMP Program Funding short-term and long-term (<i>BOR, WAPA</i>)</li> <li>▪ Additional Items</li> </ul> <p><u>Additional Information:</u> 1) <a href="#">H.R. 4502</a>, <a href="#">H.R. 4549</a>, <a href="#">S. 2605</a> 2) <a href="#">FRN Humpback chub</a> 3) <a href="#">FRN Razorback sucker</a> 4) <a href="#">NPS Expanded Management Plan</a>, 5) <a href="#">Brown Trout Incentivized Harvest</a> 6) <a href="#">Infrastructure Investment and Jobs Act</a></p> <p><u>Purpose:</u> To share updates regarding current activities on the Colorado River that are pertinent to the GCDAMP.</p>
9:30 PST/ 10:30 MST (:45)	<p><b>Stakeholder Updates (2-3 minutes each):</b></p> <ul style="list-style-type: none"> <li>▪ States: AZDWR, AZGFD, CA, CO, NM, NV, UT, WY</li> <li>▪ Tribes: Hopi, Hualapai, Navajo Nation, Pueblo of Zuni, Southern Paiute</li> <li>▪ NGOs: Environmental (x2), Federal Power Purchasers (x2), Recreation (x2)</li> </ul> <p><u>Purpose:</u> To share updates regarding current stakeholder activities on the Colorado River that are pertinent to the GCDAMP.</p>
10:15 PST/ 11:15 MST (:15)	<b>BREAK</b>

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10:30 PST/ 11:30 MST (:45)	<p><b>2022 GCDAMP Annual Reporting Meeting Update – Part 3:</b> Mike Moran, Acting Chief, Grand Canyon Monitoring and Research Center</p> <ul style="list-style-type: none"> <li>▪ Presentation 1 – Archeological and Cultural Resources, Joel Sankey (15 minutes)</li> <li>▪ Presentation 2 – Fishes, Charles Yackulic (15 minutes)</li> <li>▪ Q&amp;A and discussion (15 minutes)</li> </ul> <p><u>Purpose:</u> To provide information regarding project work completed in FY21 and to inform work to be completed under the 2021-2023 triennial budget and work plan.</p>
11:15 PST/ 12:15 MST (1:30)	<b>LUNCH</b>
12:45 PST/ 1:45 MST (:30)	<p><b>Technical Work Group Chair Report:</b> Seth Shanahan, Technical Work Group Chair</p> <ul style="list-style-type: none"> <li>▪ Presentation (20 minutes)</li> <li>▪ Q&amp;A, discussion (10 minutes)</li> </ul> <p><u>Purpose:</u> To update AMWG members on the TWG meetings held October 2021 and January 2022.</p>
1:15 PST/ 2:15 MST (:30)	<p><b>Emerging Issues – Temperature Management and Predicted Effects</b></p> <ul style="list-style-type: none"> <li>▪ Discussion (30 minutes)</li> </ul> <p><b>Proposed Motion:</b> Recommendation to Secretary and Direction to TWG</p> <p><u>Purpose:</u> Review forecasted temperatures and potential effects to downstream resources. Consider a draft motion to support mitigation efforts and study.</p>
1:45 PST/ 2:45 MST (:15)	<b>BREAK</b>
2:00 PST/ 3:00 MST (:30)	<p><b>Stakeholder’s Perspective—Hopi Tribe:</b> Stewart Koyiyumptewa and Jakob Maase</p> <ul style="list-style-type: none"> <li>▪ Presentation (20 minutes)</li> <li>▪ Q&amp;A and discussion (10 minutes)</li> </ul> <p><u>Purpose:</u> Provide an introduction to the Hopi Tribe, outlining the Tribe’s values, priorities, and major activities related to the Colorado River and the Glen Canyon Dam Adaptive Management Program.</p>

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2:30 PST/ 3:30 MST (:45)	<p><b>Facilitated Discussion: LTEMP Process for Flow Experiments:</b> Mike Hearty, Kearns and West</p> <p><u>Purpose:</u> To review the existing process for planning and implementation of LTEMP Experiments and to solicit feedback and suggestions for improvement from stakeholders.</p>
3:15 PST/ 4:15 MST (:10)	<p><b>Public Comment</b></p>
3:25 PST/ 4:25 MST (:05)	<p><b>WRAP-UP:</b> Wayne Pullan, Acting Secretary’s Designee to the Adaptive Management Work Group</p> <ul style="list-style-type: none"> <li>▪ Next AMWG meeting dates: <ul style="list-style-type: none"> <li>○ May 18, 2022 (webinar)</li> <li>○ August 17-18, 2022</li> <li>○ January ??-??, 2023 (Annual Reporting and TWG Meetings)</li> </ul> </li> </ul>
3:30 PST/ 4:30 MST	<p><b>ADJOURN</b></p> <ul style="list-style-type: none"> <li>• Please fill out the meeting <a href="#">evaluation sheet</a> at this link.</li> </ul>

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