

**Glen Canyon Dam Adaptive Management Program
Adaptive Management Work Group Meeting, February 15-16, 2023**

Hilton Garden Inn, Phoenix Tempe ASU Research Park
7290 S Price Road, Tempe, AZ 85283

Wednesday, February 15, 2023

Day 1 Webinar Information:

<https://rec.webex.com/rec/j.php?MTID=m249bef1937da5088e888b4c3406ae5fe>

Telephone: 415-527-5035 Passcode: 2764 685 6744

Final Agenda

START TIME ¹ (Duration)	Wednesday, February 15, 2023 Topic, Presenter, and Purpose ²
8:30 PST/ 9:30 MST (:45)	<p>Welcome and Administrative: Wayne Pullan, Acting Secretary's Designee to the Adaptive Management Work Group</p> <ul style="list-style-type: none"> ▪ Introductions and Determination of Quorum (13 members) <ul style="list-style-type: none"> ○ Facilitator: Terra Alpaugh, Kearns & West ▪ Approval of August 2022 Meeting Minutes ▪ Review August meeting evaluation ▪ Administrative Updates <ul style="list-style-type: none"> ○ AMWG Charter ○ AMWG Membership Status ○ Action Item Tracking Report ○ FY2023 Program Funding Status ○ Triennial Work Plan Timeline
9:15 PST/ 10:15 MST (:45)	<p>Basin Hydrology and Operations: Heather Patno and Alex Walker, Bureau of Reclamation (Reclamation)</p> <ul style="list-style-type: none"> ▪ Presentation (30 minutes) ▪ Q&A and discussion (15 minutes) <p>Additional Information: 1) Current GCD operations 2) 24-Month Study 3) CRMMS 2-Year Projections 4) 5-Year Projections 5) Drought Response Operations</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)	BREAK

START TIME ¹ (Duration)	Wednesday, February 15, 2023 Topic, Presenter, and Purpose ²
10:15 PST/ 11:15 MST (:45)	<p>2023 GCDAMP Annual Reporting Meeting Update – Part 1: Grand Canyon Monitoring and Research Center (GCMRC); Erik Stanfield, Navajo Nation</p> <ul style="list-style-type: none"> ▪ Presentations ▪ Q&A and discussion <p><u>Purpose:</u> To provide information regarding project work completed in FY22 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)	<p>LUNCH</p> <ul style="list-style-type: none"> ▪ Tribal Luncheon with Secretary's Designee, [Location: TBD]
12:30 PST/ 1:30 MST (:15)	<p>Potential Water Year 2023 Experiments: Bill Stewart, Reclamation</p> <ul style="list-style-type: none"> ▪ Presentation (10 minutes) ▪ Q&A and discussion (5 minutes) <p><u>Purpose:</u> To discuss recent findings and possible LTEMP experiments that may be conducted in 2023.</p>
12:45 PST/ 1:45 MST (:45)	<p>August AMWG 5 Proposed Actions, Reclamation & GCMRC</p> <ul style="list-style-type: none"> ▪ Presentation & Discussion (45 min) <p><u>Purpose:</u> To provide update on status of the 5 proposed actions at the August 2022 AMWG meeting:</p> <ol style="list-style-type: none"> 1. <i>Evaluation of High-flow Experiments under Low-elevations/Low-flows</i>, Grand Canyon Monitoring and Research Center 2. <i>Evaluation of Downstream Resource Impacts under Low-Elevations/Low-flows</i>, Grand Canyon Monitoring and Research Center 3. <i>NEPA Compliance for Operational Flexibilities to Address Nonnative Fish</i> [to be discussed as part of NEPA updates on day 2] 4. <i>Planning to Evaluate Exclusion Projects</i>, Clarence Fullard, Bureau of Reclamation 5. <i>Nonnative Fish Strategic Plan</i>, Laura Dye, Colorado River Commission of Nevada, & Emily Higuera, Arizona Department of Water Resources, Plan Co-Authors
1:30 PST/ 2:30 MST (:15)	<p>BREAK</p>
1:45 PST/ 2:45 MST (:45)	<p>Non-Native Fish Strategic Plan Recommendation; Discussion facilitated by Terra Alpaugh, Kearns & West</p> <p><u>Additional Information:</u> 1) Non-Native Fish Strategic Plan</p>

START TIME ¹ (Duration)	Wednesday, February 15, 2023 Topic, Presenter, and Purpose ²
	<p><u>Purpose:</u> To finalize a recommendation to the Secretary of the Interior regarding the Non-Native Fish Strategic Plan.</p> <p><u>Proposed Motion:</u></p> <p>"The AMWG recommends the draft Nonnative Fish Strategic Plan, as developed through the Technical Work Group, to the Acting Secretary's Designee to fulfill the May and August 2022 AMWG directives as a framework to prevent, detect, and respond to invasive fish establishment below Glen Canyon Dam."</p>
<p>2:30 PST/ 3:30 MST (:45)</p>	<p>2023 GCDAMP Annual Reporting Meeting Update – Part 2: GCMRC</p> <ul style="list-style-type: none"> ▪ Presentations ▪ Q&A and discussion (15 minutes) <p><u>Purpose:</u> To provide information regarding project work completed in FY22 and to inform work to be completed under the 2021-2023 triennial budget and work plan.</p>
<p>3:15 PST/ 4:15 MST (:15)</p>	<p>Public Comment</p>
<p>3:30 PST/ 4:30 MST</p>	<p>ADJOURN FOR THE DAY</p> <ul style="list-style-type: none"> • Please fill out evaluation form if you will not join tomorrow.

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

² 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 15-16, 2023**

Hilton Garden Inn, Phoenix Tempe ASU Research Park
7290 S Price Road, Tempe, AZ 85283

Thursday, February 16, 2023

Day 2 Webinar Information:

<https://rec.webex.com/rec/j.php?MTID=mffa04c9a6447d3e6f7c1cfa4a2e7c975>

Telephone: 415-527-5035 Passcode: 2764 242 1788

FINAL AGENDA

START TIME ¹ (Duration)	Thursday, February 16, 2023 Topic, Presenter, and Purpose ²
8:30 PST/ 9:30 MST (:15)	<p>Welcome and Administrative: Wayne Pullan, Acting Secretary's Designee to the Adaptive Management Work Group</p> <ul style="list-style-type: none"> ▪ Introductions and Determination of Quorum (13 members)
8:45 PST/ 9:45 MST (:45)	<p>NEPA Update: Development of Environmental Assessment (EA) for Glen Canyon Dam/Smallmouth Bass Flow Options & Supplemental Environmental Impact Statement (SEIS) for the 2007 Interim Guidelines, Bill Stewart & Genevieve Johnson, Reclamation</p> <ul style="list-style-type: none"> ▪ Presentation ▪ Q&A <p><u>Purpose:</u> To provide an update on the current status of EA and SEIS and answer questions about timeline and scope</p>
9:30 PST/ 10:30 MST (:45)	<p>Federal Agency Updates (2-3 minutes each):</p> <ul style="list-style-type: none"> ▪ Smallmouth bass rapid response charter (<i>Reclamation</i>) ▪ Staffing Updates (<i>GCMRC</i>) ▪ ESA Update: Humpback chub, Razorback sucker (<i>US Fish and Wildlife Service</i>) <ul style="list-style-type: none"> ○ Humpback recovery plan update ▪ Non-native Aquatic Species Management (<i>NPS</i>) ▪ LTEMP Litigation (<i>DOI Solicitors Office</i>) ▪ GCDAMP Program Funding short-term and long-term (<i>Reclamation, Western Area Power Authority</i>) ▪ Additional Items <p><u>Purpose:</u> To share updates regarding current activities on the Colorado River that are pertinent to the GCDAMP.</p>
10:15 PST/ 11:15 MST (:15)	BREAK

START TIME ¹ (Duration)	Thursday, February 16, 2023 Topic, Presenter, and Purpose ²
10:30 PST/ 11:30 MST (:45)	<p>Stakeholder Updates (2-3 minutes each):</p> <ul style="list-style-type: none"> ▪ States: ADWR, AZGFD, CA, CO, NM, NV, UT, WY ▪ Tribes: Hopi, Hualapai, Navajo Nation, Pueblo of Zuni, Southern Paiute ▪ NGOs: Environmental (x2), Federal Power Purchasers (x2), Recreation (x2) <p><u>Purpose:</u> To share updates regarding current stakeholder activities on the Colorado River that are pertinent to the GCDAMP.</p>
11:15 PST/ 12:15 MST (1:00)	<p>LUNCH</p>
12:15 PST/ 1:15 MST (:45)	<p>2023 GCDAMP Annual Reporting Meeting Update – Part 3: GCMRC</p> <ul style="list-style-type: none"> ▪ Presentations ▪ Q&A and discussion (15 minutes) <p><u>Purpose:</u> To provide information regarding project work completed in FY22 and to inform work to be completed under the 2021-2023 triennial budget and work plan.</p>
1:00 PST/ 2:00 MST (:30)	<p>Technical Work Group Chair Report: Seth Shanahan, Technical Work Group Chair</p> <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A, discussion (10 minutes) <p><u>Purpose:</u> To update AMWG members on the TWG meetings held October 2022 and January 2023.</p>
1:30 PST/ 2:30 MST (:15)	<p>BREAK</p>
1:45 PST/ 2:45 MST (:30)	<p>Perspective Sharing: Navajo Tribal Utility Authority, Arash Moalemi</p> <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A and discussion (10 minutes)

START TIME ¹ (Duration)	Thursday, February 16, 2023 Topic, Presenter, and Purpose ²
2:15 PST/ 3:15 MST (:30)	<p>GCDAMP Tribal Liaison Report: Jamescita Peshlakai, GCDAMP Tribal Liaison</p> <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A and discussion (10 minutes) <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>
2:45 PST/ 3:45 MST (:15)	<p>Public Comment</p>
3:00 PST/ 4:00 MST (:15)	<p>WRAP-UP: Wayne Pullan, Acting Secretary's Designee to the Adaptive Management Work Group</p> <ul style="list-style-type: none"> ▪ Next AMWG meeting dates: <ul style="list-style-type: none"> ○ May 17, 2023 (webinar) ○ August 16-17, 2023
3:15 PST/ 4:15 MST	<p>ADJOURN</p> <ul style="list-style-type: none"> • Please fill out the meeting evaluation before you leave for the day!

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

² 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.