

**Glen Canyon Dam Adaptive Management Program
Adaptive Management Work Group Meeting, February 12-13, 2020**

Hilton Garden Inn, 7290 S Price Road, Tempe, AZ
Meeting Room: Ballroom

Wednesday, February 12, 2020

Day 1 Webinar Information:

<https://bor.webex.com/bor/j.php?MTID=m4c5017aba50997e72049d8c00b8dc14c>

Telephone: 877-932-7704 Passcode: 8410783

FINAL A G E N D A

START TIME ¹ (Duration)	Wednesday, February 12, 2020 Topic and Presenter and Purpose ²
9:30 (:45)	<p>Welcome and Administrative: Tim Petty, Assistant Secretary for Water and Science, Department of the Interior and Secretary's Designee</p> <ul style="list-style-type: none"> ▪ Introductions and Determination of Quorum (13 members) ▪ Approval of August 2019 Meeting Minutes ▪ Administrative Updates <ul style="list-style-type: none"> ○ Progress on Nominations and Reappointments ○ Action Item Tracking Report
10:15 (:30)	<p>Proposed Rule for Downlisting Humpback Chub: Tom Chart, Jessica Gwinn, and Kevin McAbee, U.S. Fish and Wildlife Service</p> <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A and discussion (10 minutes) <p><u>Agenda item type:</u> Information item <u>Purpose:</u> To share information about the recently published 4(d) rule for the proposed downlisting of Humpback Chub.</p>
10:45 (:45)	<p>2020 GCDAMP Annual Reporting Meeting Update – Part 1: Scott VanderKooi, Chief, Grand Canyon Monitoring and Research Center</p> <ul style="list-style-type: none"> ▪ Presentation (30 minutes) ▪ Q&A and discussion (15 minutes) <p><u>Agenda item type:</u> Informational item <u>Purpose:</u> To provide information regarding project work completed in FY19 and to inform the development of the 2021-2023 triennial budget and work plan.</p>
11:30 (1:30)	LUNCH

START TIME ¹ (Duration)	Wednesday, February 12, 2020 Topic and Presenter and Purpose ²
1:00 (:30)	<p>Stakeholder’s Perspective—Colorado River Board of California: Jessica Neuwerth, Environmental Scientist, Colorado River Board of California</p> <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A and discussion (10 minutes) <p><u>Agenda item type:</u> Information item <u>Purpose:</u> Provide an introduction to the Colorado River Board of California, outlining the organization’s values, priorities, and major activities related to the Colorado River and the Glen Canyon Dam Adaptive Management Program.</p>
1:30 (:30)	<p>Overview of the Upper Colorado River Endangered Fish Recovery Program: Tom Chart, Director, Upper Colorado River Endangered Fish Recovery Program and Jessica Gwinn, Biologist, U.S. Fish and Wildlife Service</p> <ul style="list-style-type: none"> ▪ Presentation (15 minutes) ▪ Q&A and discussion (15 minutes) <p><u>Agenda item type:</u> Information item <u>Purpose:</u> To share information about the purpose, achievements, current workplan, and future of a complementary program in the Upper Colorado River Basin.</p>
2:00 (:45)	<p>2020 GCDAMP Annual Reporting Meeting Update – Part 2: Scott VanderKooi, Chief and Michael Moran, Deputy Chief, Grand Canyon Monitoring and Research Center</p> <ul style="list-style-type: none"> ▪ Presentation (30 minutes) ▪ Q&A and discussion (15 minutes) <p><u>Agenda item type:</u> Informational item <u>Purpose:</u> To provide information regarding project work completed in FY19 and to inform the development of the 2021-2023 triennial budget and work plan.</p>
2:45 (:15)	BREAK
3:00 (:30)	<p>Tribal Liaison Report: Theresa Pasqual, Tribal Liaison for the Glen Canyon Dam Adaptive Management Program</p> <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A and discussion (10 minutes) <p><u>Agenda item type:</u> Information item <u>Purpose:</u> To report on the Tribal Liaisons’ activities and meetings as well as Tribal concerns, challenges, and accomplishments.</p>

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3:30 (:30)	<p>Annual and Extraordinary Maintenance at Glen Canyon Dam: Robert Martin, Facility Manager, Glen Canyon Dam, Bureau of Reclamation</p> <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A and discussion (10 minutes) <p><u>Agenda item type:</u> Information item <u>Purpose:</u> Provide AMWG members with information and improve understanding of maintenance schedules at Glen Canyon Dam.</p>
4:00 (:45)	<p>Basin Hydrology and Operations: Heather Patno, Hydraulic Engineer, Bureau of Reclamation</p> <ul style="list-style-type: none"> ▪ Presentation (30 minutes) ▪ Q&A and discussion (15 minutes) <p><u>Agenda item type:</u> Information item <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>
4:45 (:15)	Public Comment
5:00	<p>ADJOURN FOR THE DAY</p> <ul style="list-style-type: none"> • Please fill out evaluation form if you will not return tomorrow.
5:30	<p>Social Hour at TRES Tempe at the Hilton Garden Inn (optional) Please come and socialize (no host) with your fellow AMWG members and other meeting attendees.</p>

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.

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Day 2 Webinar Information:

<https://bor.webex.com/bor/j.php?MTID=ma7bec5ec8143a4011527fa6d0552d006>

Telephone: 877-932-7704 Passcode: 8410783

FINAL A G E N D A

START TIME ¹ (Duration)	Thursday, February 13, 2020 Topic, Presenter, and Purpose ²
8:30 (:15)	<p>Welcome and Administrative: Tim Petty, Assistant Secretary for Water and Science, Department of the Interior and Secretary's Designee</p> <ul style="list-style-type: none"> ▪ Introductions and Determination of Quorum (13 members)
8:45 (:30)	<p>Stakeholder Updates (~5 minutes each):</p> <ul style="list-style-type: none"> ▪ ESA Update: Humpback chub and razorback sucker status (USFWS) ▪ Expanded Non-native Aquatic Species Management Plan EA (NPS) ▪ Lees Ferry Trout Fishery (AZGFD) ▪ Additional Items (all) <p><u>Agenda item type:</u> Information item <u>Purpose:</u> To share updates regarding current stakeholder activities on the Colorado River that are pertinent to the GCDAMP.</p>
9:15 (1:00)	<p>Long-Term Funding Considerations – Hydropower Revenues vs. Appropriations: Brian Sadler, Western Area Power Administration and Kathleen Callister, Bureau of Reclamation</p> <ul style="list-style-type: none"> ▪ Presentation (40 minutes) ▪ Q&A and discussion (20 minutes) <p><u>Agenda item type:</u> Informational item <u>Purpose:</u> To provide information regarding long-term funding uncertainties and important considerations for various potential funding sources.</p>
10:15 (:15)	BREAK

START TIME ¹ (Duration)	Thursday, February 13, 2020 Topic, Presenter, and Purpose ²
10:30 (:30)	<p>2020 GCDAMP Annual Reporting Meeting Update – Part 3: Michael Moran, Deputy Chief, Grand Canyon Monitoring and Research Center</p> <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A and discussion (10 minutes) <p><u>Agenda item type:</u> Informational item <u>Purpose:</u> To provide information regarding project work completed in FY19 and to inform the development of the 2021-2023 triennial budget and work plan.</p>
11:00 (:30)	<p>Technical Work Group Chair Report: Seth Shanahan, Technical Work Group (TWG) Chair</p> <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A, discussion (10 minutes) <p><u>Agenda item type:</u> Information item <u>Purpose:</u> To update AMWG members on the TWG meetings held October 2019 and January 2020, including the results of the 2019-2020 Knowledge Assessment.</p>
11:30 (1:30)	LUNCH
1:00 (1:00)	<p>FY2021-2023 Triennial Budget and Work Plan: Seth Shanahan, TWG Chair; Craig Ellsworth, TWG Budget Ad Hoc Group (BAHG) Chair; Lee Traynham, Bureau of Reclamation; Scott VanderKooi, Chief, Grand Canyon Monitoring and Research Center</p> <ul style="list-style-type: none"> ▪ Presentation (30 minutes) ▪ Q&A, discussion (30 minutes) <p><u>Agenda item type:</u> Information item <u>Purpose:</u> To discuss the BAHG process and seek AMWG initial input on the FY21-23 TWP.</p>
2:00 (:40)	<p>Potential Water Year 2020 Experiments: Lee Traynham, Bureau of Reclamation and Scott VanderKooi, Chief, Grand Canyon Monitoring and Research Center</p> <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A and discussion (20 minutes) <p><u>Agenda item type:</u> Information item <u>Purpose:</u> To update AMWG members on the process and possible LTEMP experiments that may be conducted in 2020.</p>
2:40 (:10)	Public Comment

START TIME ¹ (Duration)	Thursday, February 13, 2020 Topic, Presenter, and Purpose ²
2:50 (:10)	<p>WRAP-UP: Tim Petty, Secretary's Designee</p> <ul style="list-style-type: none"> ▪ Next AMWG meeting dates: <ul style="list-style-type: none"> ○ May 20, 2020 (webinar) ○ August 19-20, 2020 ○ January 20-22, 2021 (Annual Reporting Meeting)
3:00	<p>ADJOURN</p> <ul style="list-style-type: none"> • Please fill out the meeting evaluation sheet at your place.

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