

**Glen Canyon Dam Adaptive Management Program
Adaptive Management Work Group Meeting, August 16-17, 2023**

Little America, 2515 East Butler Ave
Flagstaff, AZ 86004

Wednesday, August 16, 2023

Day 1 Webinar Information:

<https://rec.webex.com/rec/j.php?MTID=m67fef4d2de6569962b5cf3f6100b20ca>

Telephone: 415-527-5035 Passcode: 2762 308 0111

| START TIME ¹ (Duration) | Wednesday, August 16, 2023 Topic, Presenter, and Purpose ² |
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| <p>9:30 PDT/MST 10:30 MDT (:45)</p> | <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 May meeting minutes ▪ Review May meeting evaluation ▪ Administrative Updates <ul style="list-style-type: none"> ○ AMWG Charter ○ AMWG Membership Status ○ Action Item Tracking Report |
| <p>10:15 PDT/MST 11:15 MDT (:60)</p> | <p>Basin Hydrology and Operations: Heather Patno, Bureau of Reclamation; Robert Radtke, Bureau of Reclamation; GCMRC</p> <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A and discussion (10 minutes) <p><u>Additional Information:</u> 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, as well as temperature and dissolved oxygen and projected water quality conditions, and operations for the current and upcoming water years.</p> |
| <p>11:15 PDT/MST 12:15 MDT (:15)</p> | <p>BREAK</p> |

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| <p>11:30 PDT/MST 12:30 MDT (:30)</p> | <p>Effects of Low DO and High Temperature on the Trout Fishery: GCMRC and AZGFD</p> <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A and discussion (10 minutes) <p><u>Purpose:</u> To explore how low DO and high temperatures impact downstream fisheries, specifically the trout fishery, and explore whether there are any operational adjustments that could impact these conditions.</p> |
| <p>12:00 PDT/MST 1:00 MDT (1:30)</p> | <p>LUNCH</p> <ul style="list-style-type: none"> ▪ Tribal Luncheon with Secretary’s Designee, Location: Silver Pine Restaurant and Bar, located on the Little America property |
| <p>1:30 PDT/MST 2:30 MDT (:45)</p> | <p>Invasive Species Below Glen Canyon Dam Strategic Plan Update</p> <ul style="list-style-type: none"> • Smallmouth bass rapid response [NPS] (15 minutes) • Slough modification investigation [Kerri Pedersen, Bureau of Reclamation] (10 Minutes) • Exclusion net/thermal curtain update [Clarence Fullard, Bureau of Reclamation] (5 Minutes) • Q&A and discussion (15 minutes) <p><u>Purpose:</u> To provide an update on activities outlined in the Invasive Species Strategic Plan recommended that currently being pursued to control smallmouth bass and other invasive species below the dam.</p> |
| <p>2:15 PDT/MST 3:15 MDT (:30)</p> | <p>GCDAMP Tribal Liaison Update: 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> |
| <p>2:45 PDT/MST 3:45 MDT (:15)</p> | <p>BREAK</p> |
| <p>3:00 PDT/MST 4:00 MDT (:45)</p> | <p>FY 2024 Budget and Work Plan Recommendation: Erik Skeie, TWG BAHG Chair; Bill Stewart, Bureau of Reclamation; Andrew Schultz, GCMRC; Seth Shanahan, TWG Chair; Discussion facilitated by Terra Alpaugh, Kearns and West, Inc.</p> <ul style="list-style-type: none"> • Presentation (15 mins) • Q&A, discussion, and action (45 minutes) |

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| | <p><u>Purpose:</u> To make a motion and finalize a recommendation to the Secretary of the Interior regarding the FY 2024 Glen Canyon Dam Adaptive Management Program (GCDAMP) budget and work plan. Draft motion language and supporting material available here.</p> |
| <p>3:45 PDT/MST 4:45 MDT (:30)</p> | <p>NEPA updates (LTEMP SEIS, Interim Guidelines SEIS, Post 2026), Kathleen Callister and Katrina Grantz, Bureau of Reclamation</p> <ul style="list-style-type: none"> ▪ Presentations (15 minutes) ▪ Q&A and discussion (15 minutes) <p><u>Purpose:</u> To clarify the scopes and timelines of the three current NEPA compliance processes underway and provide most recent updates.</p> |
| <p>4:15 PDT/MST 5:15 MDT (:15)</p> | <p>Public Comment</p> |
| <p>4:30 PDT/MST 5:30 MDT</p> | <p>Adjourn for the Day Please fill out evaluation form or the virtual meeting survey if you will not join tomorrow.</p> |
| <p>5:30 PDT/MST</p> | <p>Bar-b-que at Foxglen Park, in person, 4200 E Butler Ave.</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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Adaptive Management Work Group Meeting, August 16-17, 2023**

Little America, 2515 East Butler Ave
Flagstaff, AZ 86004

Thursday, August 17, 2023

Day 2 Webinar Information:

<https://rec.webex.com/rec/j.php?MTID=m6f53bcacd46b7bc06307d93be43db425>

Telephone: 415-527-5035 Passcode: 2761 099 6698

Draft Agenda

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| 8:30 PDT/MST 9:30 MDT (: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) <ul style="list-style-type: none"> ○ Facilitator: Terra Alpaugh, Kearns & West |
| 8:45 PDT/MST 9:45 MDT (:30) | <p>GCMRC update on Spring 2023 HFE and other activities: GCMRC</p> <ul style="list-style-type: none"> ▪ Presentation(s) (15 min) ▪ Q&A and discussion (15 minutes) <p><u>Purpose:</u> GCMRC to provide timely updates, including follow-up on May presentation on initial HFE results with additional analysis on effectiveness and lessons learned.</p> |
| 9:15 PDT/MST 10:15 MDT (:60) | <p>Recommendation from the Technical Work Group regarding revisions to the HFE protocol: Seth Shanahan, Sinjin Eberle, Paul Grams</p> <ul style="list-style-type: none"> ▪ Presentation (20 min) ▪ Q&A and discussion (40 min) <p><u>Purpose:</u> To make a motion and finalize a recommendation to the Secretary of the Interior regarding revisions to the HFE protocol.</p> |
| 10:15 PDT/MST 11:15 MDT (:15) | <p align="center">BREAK</p> |
| 10:30 PDT/MST 11:30 MDT (:60) | <p>CRSP Basin Fund Overview, Brian Sadler, Western Area Power Association (WAPA)</p> <ul style="list-style-type: none"> ▪ Presentation (40 minutes) ▪ Q&A and discussion (20 minutes) <p><u>Purpose:</u> Provide background on the interactions among hydropower production, CRSP Basin Fund, and GCDAMP.</p> |

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| <p>11:30 PDT/MST 12:30 MDT (:30)</p> | <p>Federal Agency Updates (2-3 minutes each):</p> <ul style="list-style-type: none"> ▪ USGS ▪ USFWS ▪ USBR ▪ NPS ▪ BIA ▪ WAPA ▪ DOI Solicitors Office <p><u>Purpose:</u> To share general updates regarding current activities on the Colorado River that are pertinent to the GCDAMP.</p> |
| <p>12:00 PDT/MST 1:00 MDT (1:15)</p> | <p>LUNCH</p> |
| <p>1:15 PDT/MST 2:15 MDT (:45)</p> | <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 general updates regarding current stakeholder activities on the Colorado River that are pertinent to the GCDAMP.</p> |
| <p>2:00 PDT/MST 3:00 MDT (:30)</p> | <p>Technical Work Group Chair Report: Seth Shanahan, Technical Work Group Chair</p> <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A and discussion (10 minutes) <p><u>Purpose:</u> To update AMWG members on the TWG meetings held June 2023 and August 2023.</p> |
| <p>2:30 PDT/MST 3:30 MDT (:15)</p> | <p>PUBLIC COMMENT</p> |
| <p>2:45 PDT/MST 3:45 MDT</p> | <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: |

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| (:15) | <ul style="list-style-type: none"> ○ February 28-29, 2024 ○ May 15, 2024 ○ August 21-22, 2024 ▪ Next TWG meeting dates: <ul style="list-style-type: none"> ○ October 11-12, 2023 ○ January 23-25, 2024 (Annual Reporting/TWG meeting) ○ April 10-11, 2024 ○ June 12-13, 2024 ○ October 9-10, 2024 |
| 3:00 PDT/MST 4:00 MDT | ADJOURN Please fill out the meeting evaluation before you leave for the day! |

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