

**GLEN CANYON DAM ADAPTIVE MANAGEMENT PROGRAM**  
**TECHNICAL WORK GROUP MEETING**  
**APRIL 13-14, 2021**  
 WEBINAR

<https://rec.webex.com/rec/j.php?MTID=md2f5a7402fb530313caecdd5084bd6a3>

Phone #: 415-527-5035 Participant Passcode: 199 039 2276

Meeting Number: 199 039 2276 Meeting Password: TWG1

DRAFT AGENDA

**STARTS AT 9:00 a.m. Pacific Daylight Time (PDT)**

START TIME (Duration)	Tuesday, April 13, 2021 Topic, Presenter, and Purpose
9:00 Pacific Time (:45)	<p><b>Welcome and Administrative:</b> Seth Shanahan, Technical Work Group (TWG) Chair</p> <ul style="list-style-type: none"> <li>▪ Introductions and Determination of Quorum (16 members)</li> <li>▪ Adoption of Prior Meeting Minutes</li> <li>▪ Next Meeting Date(s): June 21-22, 2021</li> <li>▪ Ad Hoc Group Membership and Updates</li> <li>▪ Review Action Items, Motions, and Votes Form</li> <li>▪ Update on Program Funding</li> <li>▪ Incentivized Harvest Program Implementation Update</li> <li>▪ Update on Activities Impacted Due to COVID-19 Restrictions</li> <li>▪ Update on Monitoring and Research Trips to Occur From Today Until Next Meeting</li> <li>▪ Updates on Items of Interest That Are in Consideration for Implementation Before Next TWG Meeting</li> </ul>
9:45 (:15)	<p><b>TWG Vice Chairperson Election Due to Mid-Year Vacancy:</b> Seth Shanahan, TWG Chair</p> <ul style="list-style-type: none"> <li>▪ Q&amp;A, discussion, and action (15 minutes)</li> </ul>
10:00 (:30)	<p><b>Consideration of Directing the Budget Ad Hoc Group to Develop Budget Prioritization Criteria for the TWG:</b> Seth Shanahan, TWG Chair</p> <ul style="list-style-type: none"> <li>▪ Q&amp;A and discussion (30 minutes)</li> </ul>
10:30 (:15)	<b>BREAK</b>
10:45 (:45)	<p><b>Update on Hydrology, Operations, and Water Quality Conditions:</b> Heather Patno, Bureau of Reclamation (Reclamation)</p> <ul style="list-style-type: none"> <li>▪ Presentation (30 minutes)</li> <li>▪ Q&amp;A and discussion (15 minutes)</li> </ul>
11:30 (:30)	<p><b>Progress on Evaluating Temperature Control Methods at Glen Canyon Dam – Results From the Technology Search:</b> Connie Svoboda, Reclamation</p> <ul style="list-style-type: none"> <li>▪ Presentation (20 minutes)</li> <li>▪ Q&amp;A and discussion (10 minutes)</li> </ul>
12:00 (:45)	<b>LUNCH</b>

<b>START TIME (Duration)</b>	<b>Tuesday, April 13, 2021 Topic, Presenter, and Purpose</b>
12:45 (:30)	<b>Consideration of Developing a Low Dissolved Oxygen Response Plan if Concentrations are Projected to Warrant Concern in 6-Months:</b> Seth Shanahan, TWG Chair <ul style="list-style-type: none"> <li>▪ Q&amp;A and discussion (30 minutes)</li> </ul>
1:15 (:45)	<b>Distribution and Impacts of Benthic and Hyporheic Anoxia on the Colorado River Ecosystem Downstream From Glen Canyon Dam, Arizona, USA:</b> Courtney McDaniel, State University of New York College at Brockport (invited), et al. <ul style="list-style-type: none"> <li>▪ Presentation (30 minutes)</li> <li>▪ Q&amp;A and discussion (15 minutes)</li> </ul>
2:00 (:15)	<b>BREAK</b>
2:15 (:30)	<b>Discussion About Possible Experimental and Management Actions That May be Implemented in the Next 12 Months and Any Budgeting Issues:</b> Clarence Fullard, Reclamation; and Mike Moran, Grand Canyon Monitoring and Research Center (GCMRC) <ul style="list-style-type: none"> <li>▪ Presentation (15 minutes)</li> <li>▪ Q&amp;A and discussion (15 minutes)</li> </ul>
2:45 (:45)	<b>Panel Discussion – Are There Important Resource Outcomes That Might be Expected From a Potential 7.48 Million Acre-Foot Release Year in WY2022 and Are Current Plans Sufficient to Capitalize on This Potential Learning Opportunity?:</b> Panel Organizer – Craig Ellsworth, Western Area Power Administration <ul style="list-style-type: none"> <li>▪ Discussion (45 minutes)</li> </ul>
3:30 (:05)	<b>Public Comment</b>
3:35	<b>ADJOURN</b>

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Phone #: 415-527-5035 Participant Passcode: 199 173 0284

Meeting Number: 199 173 0284 Meeting Password: TWG2

DRAFT AGENDA

**STARTS AT 9:00 a.m. Pacific Daylight Time (PDT)**

START TIME (Duration)	Wednesday, April 14, 2021 Topic, Presenter, and Purpose
9:00 Pacific Time (:30)	<p><b>Welcome and Administrative:</b> Seth Shanahan, Technical Work Group (TWG) Chair</p> <ul style="list-style-type: none"> <li>▪ Introductions and Determination of Quorum (16 members)</li> <li>▪ Unresolved Issues from Yesterday's Meeting</li> </ul>
9:30 (:30)	<p><b>Long-Term Experimental and Management Plan (LTEMP) Biological Opinion Conservation Measures – Triggered Activity Status and Review of the Triggers:</b> Kerri Pedersen, Bureau of Reclamation (Reclamation); and Kirk Young, U.S. Fish and Wildlife Service (Service)</p> <ul style="list-style-type: none"> <li>▪ Presentation (15 minutes)</li> <li>▪ Q&amp;A and discussion (15 minutes)</li> </ul>
10:00 (:45)	<p><b>The Colorado Pikeminnow Reintroduction Feasibility Study:</b> Kim Dibble, Grand Canyon Monitoring and Research Center (GCMRC); Kirk Young, Service</p> <ul style="list-style-type: none"> <li>▪ Presentation (20 minutes)</li> <li>▪ Q&amp;A and discussion (25 minutes)</li> </ul>
10:45 (:15)	<b>BREAK</b>
11:00 (:45)	<p><b>Spring Disturbance Flow – Initial Reports from the Field:</b> Clarence Fullard, Reclamation; Mark Wimer, GCMRC; and Ted Kennedy, GCMRC</p> <ul style="list-style-type: none"> <li>▪ Presentation (15 minutes)</li> <li>▪ Q&amp;A and discussion (30 minutes)</li> </ul>
11:45 (:45)	<b>LUNCH</b>
12:30 (:45)	<p><b>Macroinvertebrate Oviposition Habitat Selectivity and Egg-Mass Desiccation Tolerances: Implications for Population Dynamics in Large Regulated Rivers:</b> Scott Miller, Utah State University (invited)</p> <ul style="list-style-type: none"> <li>▪ Presentation (30 minutes)</li> <li>▪ Q&amp;A and discussion (15 minutes)</li> </ul>

<b>START TIME (Duration)</b>	<b>Wednesday, April 14, 2021 Topic, Presenter, and Purpose</b>
1:15 (:30)	<b>Discussion of the Anticipated Scope of the Forthcoming Bug Flow Evaluation Document:</b> Ted Kennedy, GCMRC Discussion (30 minutes)
1:45 (:30)	<b>Discussion of Emerging Issues and Request for Agenda Items for Next Meeting:</b> Seth Shanahan, TWG Chair ▪ Discussion (30 minutes)
2:15 (:05)	<b>Public Comment</b>
2:20	<b>ADJOURN</b>