

GLEN CANYON DAM ADAPTIVE MANAGEMENT PROGRAM
TECHNICAL WORK GROUP MEETING
JUNE 25, 2018

Arizona Department of Water Resources
1110 W. Washington Street, Suite 310, Phoenix, AZ 85007
602-523-3299

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Phone #: 877-913-4721 Participant Passcode: 3330168#

DRAFT AGENDA

START TIME (Duration)	Monday, June 25, 2018 Topic, Presenter, and Purpose
10:00 (:30)	Welcome and Administrative: Seth Shanahan, Technical Work Group (TWG) Chair <ul style="list-style-type: none"> ▪ Introductions and Determination of Quorum (16 members) ▪ Approval of April 23-24, 2018, Meeting Minutes ▪ Next Meeting Dates: October 10-11 ▪ Ad Hoc Group Updates ▪ Update on Monitoring and Research Trips to Occur from Today until Next Meeting ▪ Update on Possible Experimental and Management Actions that May be Implemented for CY18 ▪ Updates on Items of Interest that are in Consideration for Implementation before Next TWG Meeting
10:30 (:15)	TWG Chairperson and Vice Chairperson Election: Lee Traynham, Bureau of Reclamation (Reclamation) <ul style="list-style-type: none"> ▪ Q&A, discussion, and action (15 minutes)
10:45 (:30)	Update on Hydrology and Operations: Paul Davidson, Reclamation <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A and discussion (10 minutes)
11:15 (:10)	BREAK
11:25 (:30)	U.S. Fish and Wildlife Service Annual Monitoring Results in Grand Canyon and Associated Areas: Kirk Young, U.S. Fish and Wildlife Service (FWS) <ul style="list-style-type: none"> ▪ Presentation (15 minutes) ▪ Q&A and discussion (15 minutes)
11:55 (1:20)	LUNCH
1:15 (:15)	Update on Bureau of Reclamation (Reclamation) Project C.9 – Temperature Control Method: Lee Traynham and Nick Williams, Reclamation <ul style="list-style-type: none"> ▪ Presentation (5) ▪ Q&A and discussion (10 minutes)

START TIME (Duration)	Monday, June 25, 2018 Topic, Presenter, and Purpose
1:30 (:15)	Update on Rainbow Trout Stocking in Glen Canyon and Compliance Status: Jim DeVos, Arizona Game and Fish Department (invited) and Jess Gwinn, FWS <ul style="list-style-type: none"> ▪ Presentation (5) ▪ Q&A and discussion (10 minutes)
1:45 (:30)	Update on the Status of Developing the Expanded Non-native Aquatic Species Management Plan Environmental Assessment: Rob Billerbeck, National Park Service (NPS) <ul style="list-style-type: none"> ▪ Presentation (20 minutes) ▪ Q&A and discussion (10 minutes)
2:15 (:10)	BREAK
2:25 (:45)	Discussion of Experimental Actions to be Considered in CY19 and Beyond: TWG Members <ul style="list-style-type: none"> ▪ Q&A and discussion (45 minutes)
3:10 (1:45)	Development of Budget Recommendation to the Adaptive Management Work Group (AMWG): TWG Members <ul style="list-style-type: none"> ▪ Discussion and action (105 minutes) <p><i>Proposed motion language: The TWG recommends that the AMWG recommend for approval to the Secretary of Interior, the Fiscal Year 2019 budget as described in the attached budget worksheets.</i></p>
4:55 (:05)	Public Comment
5:00	ADJOURN

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DRAFT AGENDA

START TIME (Duration)	<p align="center">Tuesday, June 26, 2018 Topic, Presenter, and Purpose</p>
8:30 (:15)	<p>Welcome and Administrative: Seth Shanahan, TWG Chair</p> <ul style="list-style-type: none"> ▪ Introductions and Determination of Quorum (16 members) ▪ Unresolved Issues from Yesterday's Meeting
8:45 (1:15)	<p>Update on the GCMRC Water Quality Review: Ted Stets, U.S. Geological Survey and Mike Moran, Grand Canyon Monitoring and Research Center (GCMRC)</p> <ul style="list-style-type: none"> ▪ Presentation (45) ▪ Q&A and discussion (30 minutes)
10:00 (:10)	<p>BREAK</p>
10:10 (:35)	<p>Update on the Progress of the Bug Flow Experiment: Ted Kennedy and Jeff Muehlbauer, GCMRC</p> <ul style="list-style-type: none"> ▪ Presentation (15 minutes) ▪ Q&A and discussion (20 minutes)
10:45 (:30)	<p>Field Trip Report about the Caddisfly Outbreak below Davis Dam: Craig Ellsworth, WAPA; Larry Stevens, MNA; Ted Kennedy, GCMRC; and Jeff Muehlbauer, GCMRC</p> <ul style="list-style-type: none"> ▪ Presentation (15) ▪ Q&A and discussion (15 minutes)
11:15 (:20)	<p>Benthic Foodbase Studies in Glen and Grand Canyons and a Comparative Analysis of the Aquatic Macroinvertebrate Assemblages in Tapeats Creek and the Regulated Colorado River: Larry Stevens, Museum of Northern Arizona (MNA) and Craig Ellsworth, Western Area Power Administration (WAPA)</p> <ul style="list-style-type: none"> ▪ Presentation (10) ▪ Q&A and discussion (10 minutes)
11:35 (:25)	<p>Glen, Marble, and Grand Canyon Riparian Corridor Monitoring and Research Conducted by the National Park Service: NPS (invited)</p> <ul style="list-style-type: none"> ▪ Presentation (15) ▪ Q&A and discussion (10 minutes)
12:00 (1:20)	<p>LUNCH</p>
1:20 (:30)	<p>Discussion about the High Flow Experimental Design: TWG Members</p> <ul style="list-style-type: none"> ▪ Q&A and discussion (30 minutes)

START TIME (Duration)	Tuesday, June 26, 2018 Topic, Presenter, and Purpose
1:50 (:30)	Discussion about Long-Term Experimental and Management Plan Tools and Methods: TWG Members <ul style="list-style-type: none">▪ Q&A and discussion (30 minutes)
2:20 (:15)	Discussion of Emerging Issues and Request for Agenda Items for Next Meeting: Seth Shanahan, TWG Chair <ul style="list-style-type: none">▪ Discussion (15 minutes)
2:35 (:05)	Public Comment
2:40	ADJOURN

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