

Technical Work Group Chair Report

Adaptive Management Work Group Meeting

August 22, 2019

Seth Shanahan

TWG Chairperson

Meetings

- Past
 - May 1, 2019 (webinar)
 - June 11-12, 2019 in Phoenix
- Future (in Phoenix, but maybe one as a webinar)
 - October 21-22, 2019
 - January 12-14, 2020 (AR/TWG)
 - April 15-16, 2020
 - June 17-18, 2020

Items Reported Elsewhere on AMWG Agenda

- Hydrology and operations
- Possible LTEMP experiments
- Non-native aquatic species EA
- Lees Ferry rainbow trout stocking update
- DCP
- Science updates

**Glen Canyon Dam Adaptive Management Program
Adaptive Management Work Group Meeting, August 21-22, 2019**
Little America – 2515 E Butler Ave, Flagstaff, AZ
PHONE No. 928-779-7900

Wednesday, August 21, 2019

Day 1 Webinar Information:

<https://usbor.webex.com/usbor/j.php?MTID=m6ad1c889b259fcbd246de58b12a6e17c>
Telephone: 877-932-7704 Passcode: 8410783

DRAFT AGENDA

START TIME ¹ (Duration)	Wednesday, August 21, 2019 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 May 22, 2019 Meeting Minutes ▪ Administration Update <ul style="list-style-type: none"> ○ Executive Order 13875 re: Federal Advisory Committees ▪ Progress on Nominations and Reappointments ▪ Action Item Tracking Report
10:15 (:30)	<p>DOI Guidance: Tim Petty, Assistant Secretary for Water and Science, Department of the Interior and Secretary's Designee</p> <ul style="list-style-type: none"> ▪ Presentation (15 minutes) ▪ Q&A and discussion (15 minutes) <p><u>Agenda item type:</u> Information item</p> <p><u>Purpose:</u> To provide an update on the guidance document, and associated action items, that the Secretary's Designee has issued, as was announced at the March AMWG meeting.</p>
10:45 (1:00)	<p>Hydropower from a Regional Perspective: Carl Monroe, Chief Operating Officer, Southwest Power Pool</p> <ul style="list-style-type: none"> ▪ Presentation (45 minutes) ▪ Q&A and discussion (15 minutes) <p><u>Agenda item type:</u> Information item</p> <p><u>Purpose:</u> To share crucial information about hydropower generation at Glen Canyon Dam and other Colorado River Storage Project facilities in the greater context of regional energy.</p>
11:45 (1:30)	LUNCH

AMWG Direction on HFE Assessment Issue

- Three items to be addressed; GCMRC completed two
- Remaining item to be advanced by the TWG
 - “A next step would be for GCMRC to identify experimental flow options that would consider high valued resources of concern to the GCDAMP (defined above), fill critical data gaps, and reduce scientific uncertainties.”
 - “TWG will take up the issue of the HFE Assessment for further discussion and for a report in August to AMWG”

Report on HFE Assessment Issue

- “A Review of the 2017 Knowledge Assessment and its Utility for Organizing Information about Potential Future Experimental and Management Actions” (June agenda item)

Tool to Assess Problem etc.

Status and Trend Symbol Set			Drivers and Constraints AND LTEMP Experimental and M-		
Resource Status	Trend in Status	Confidence in Status & Trend Assessments	Strength of Effect		
	Resource is in Good Condition		Condition is Improving		High
	Condition Warrants Moderate Concern		Condition is Stable		Medium
	Condition Warrants High Concern		Condition is Deteriorating		Low
				Weak Effect	
				Negative (Detrimental) Effect	
				Strength of Effect Unknown	
				Direction of Effect Unknown	

Monitoring metrics needed

Method for Evaluation etc.

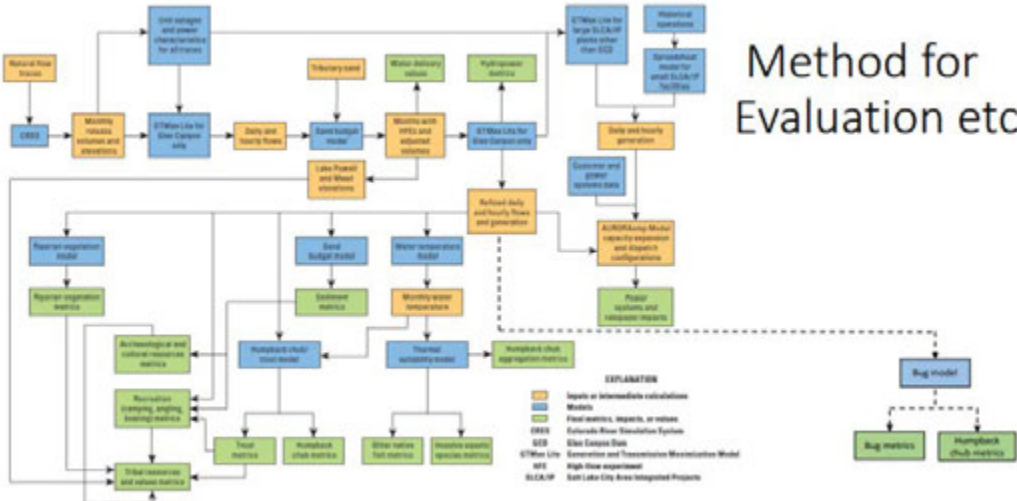


Figure 2. Model flow for the analysis of the Long-Term Experimental and Management Plan long-term strategies against the performance metrics.

Report on HFE Assessment Issue

- “Powerplant Capacity Flows – A Discussion about the Concept and its Expected Effect to Resources and their Characteristics” (June agenda item)



Report on HFE Assessment Issue

- “Other Experimental Flow Concepts – A Discussion about Potential Resource Outcomes and Opportunities for Reducing Uncertainty” (June agenda item)
 - Conversation postponed due to time
 - Resolved to form an Ad Hoc Group to advance the conversation

Flow Ad Hoc Group (FLAHG)

- Chair – Peggy Roefer; draft charge – in review by TWG
 - Develop spring hydrographs (≤ 3) that might benefit LTEMP biological resources (chub, native fish, and trout)
 - Comply with existing rules (thus the term, Spring Powerplant Capacity Flows)
 - Evaluate potential outcomes to above resources and foodbase (use Knowledge Assessment tool)
 - More charges envisioned – other resource outcomes, other flow dialogue

TWG/FLAHG Next Steps

- Comments on draft charge due Friday
- Request for participation due Friday
- Scheduling kick off call for September 3 or 4, if possible
- FLAHG chair report to October TWG
- TWG chair report to AMWG