

Glen Canyon Dam Adaptive Management Program

Biennial Budget and Work Plan Fiscal Year 2012 TWG Actions

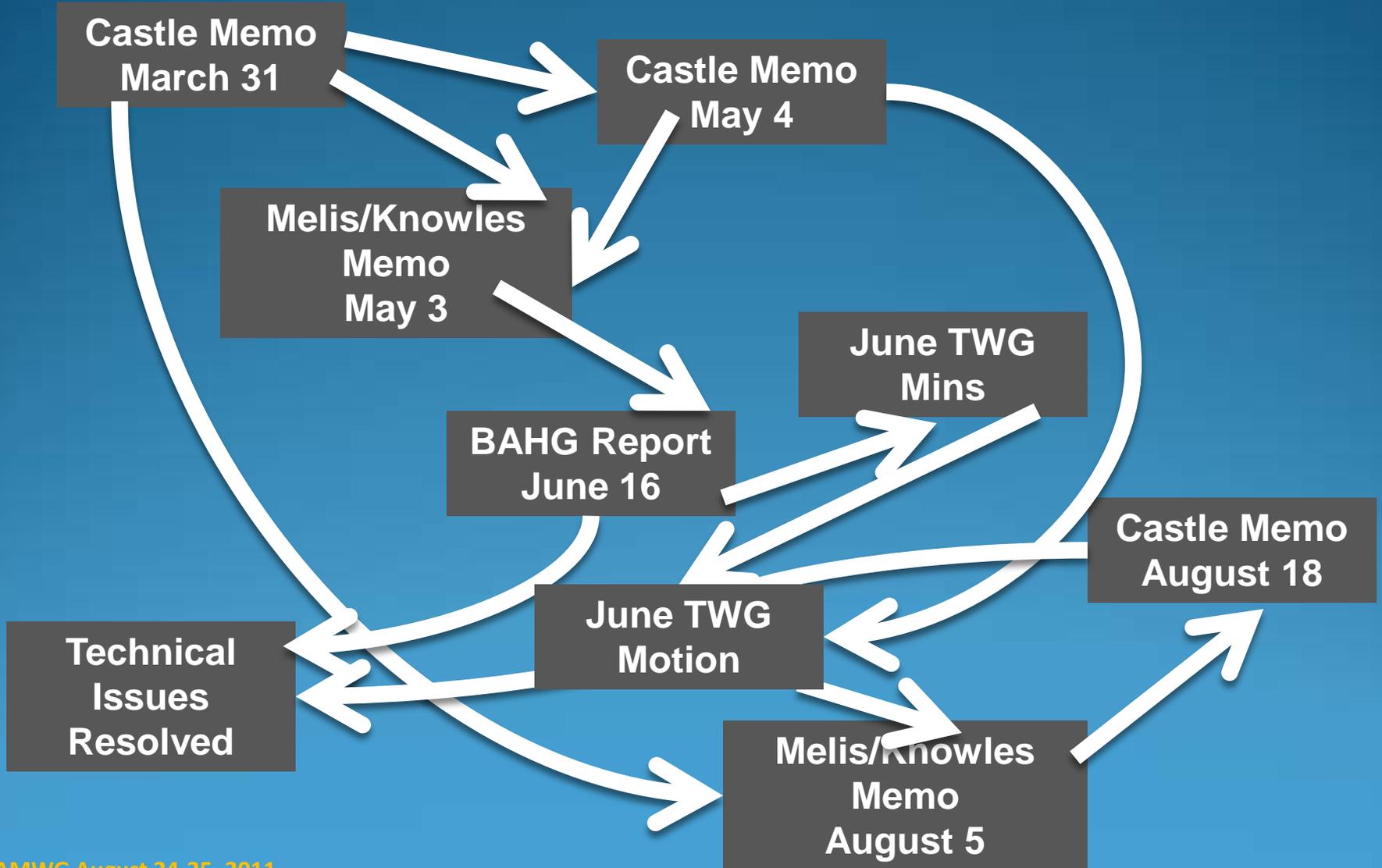
**By Shane Capron
Chair, Technical Work Group**

The Road Map

- Revised biennial budget process
- TWG/BAHG 2012 budget review
- Resolved technical issues
- TWG motion on policy issues



Budget Process Schematic



Biennial Budget and Work Plan (second year of a 2-Year budget)

- Approved process by AMWG May 6, 2010
- Two-year budget 11/12: only minor changes in year 2
- Process modified by Castle March 31 memo (timeline)
- Castle May 4 memo; clarified TWG role & process
- Melis/Knowles May 3 memo
 - Draft revised budget table
 - Included 4 priorities (took place of 2004 AMWG priorities)
 - Organized the budget around the 4 draft DFC categories

Biennial Budget and Work Plan

Key Components

- Approved FY 2011-2012 Biennial Budget and Workplan
- Revised budget table
- String of memos... TWG Minutes ... more memos...
- Let's try to pull it all together here.

FY 2012 Key Budget Guidance

- **Paradigm shift: TWG resolves technical issues and elevates policy issues to AMWG, sounds easy but how?**
- **Lori Caramanian appointed DOI contact for TWG (May)**
- **Technical issues elevated to DOI/Lori for resolution**
- **What's a technical issue? Policy issue?**

Technical or Policy?

- Aren't all of the issues technical? Yup.
- Technical: issues that are of a specific nature involving changes to the workplan at a level that the Designee does not want discussed at AMWG – in other words somewhat to the discretion of the TWG Chair.
- Policy: issues that can be rolled up into higher level big picture issues that the Designee does want discussed at AMWG. Not specific to changes in workplan elements/funding for specific projects.

Biennial Budget and Work Plan Key Processes

- January reporting meeting and Report, TWG 24 recommendations
- Revisions to year-2 based on specific criteria
 - Scientific merit, administrative needs, side-boards on new initiatives (revised in Castle March 31 memo)
- Many other considerations culminating in starting point in the May 3 memo, budget table and rationale

The Timeline

January 18-20: GCMRC Reporting Workshop, TWG 24

May 3 budget memo: Initial table released

May 11: Initial review by BAHG

May 18: AMWG initial review & TWG report on table

June 3, 13: BAHG review and recommendations; resolved, technical, and policy issues identified

June: Series of briefings with DOI/Lori and responses

June 28-29: TWG review, policy recommendations to AMWG

August 5: Melis/Knowles memo, current table incorporating changes agreed to

August 18: Castle memo with responses to TWG motion

August 24-25: AMWG Final Budget Recommendation to Secretary

Resolved Technical Issues

(not in Aug. 5 memo)

1. Issue: sediment monitoring; projects 2, 3 & 4. The TWG recommends that AMWG recommend that the Secretary of Interior consider restructuring the AMP sediment program in future budget and workplans so that it focuses on addressing the monitoring of the sediment-related resources identified by the AMWG DFCs, and that the sediment-related budget items be reduced in favor of further understanding, research, and monitoring of the biological resources.

Resolution: DOI has agreed that reviewing the sediment program is a high priority to be addressed through the core monitoring plan process in FY2012 as to its relevance to DFCs and DOI priorities. Shane Capron will follow up with GCMRC and new chief. Ted Melis: the FY12 budget supports fish and sediment core monitoring plan development, within limits of course.

Resolved Technical Issues

(in Aug. 5 memo)

1. Lines 18 and 19: Move all funds associated with potential nonnative fish control to experiment fund
2. Line 28: Return funding for the Adopt A Beach program
3. Line 60: Provided funding for TWG facilitation support
4. Line 44: enhanced Science Advisor support for AMP, including SA co-chair of SEAHG (Aug 18 Castle memo)

Un-Resolved Technical Issues

(June TWG)

TWG recommends that DOI restore full funding and the full scope for GCMRC's cultural resources monitoring development (Project 25), taking the funding from the Treatment Plan line item, Project 27; or that credible scientific justification be provided to the AMWG for the change.

Motion passed by a vote of 12-2-7.

TWG Motion

Passed 14/1/4

The TWG recommends to AMWG the USGS and Reclamation FY12 Budget and Work Plan as approved by the Secretary of the Interior on September 22, 2010, with changes described in the **May 3, 2011** memorandum from Ted Melis and Glen Knowles to Anne Castle, with the following policy recommendations:

- Now would relate to changes in the Aug. 5 Melis/Knowles memo which includes the resolved technical issues
- 6 issues; 4 cultural related, 1 Science Advisor, 1 Socioeconomic

TWG Motion

1.The TWG recommends that the AMWG recommend that the Secretary of Interior consider a review of the GCDAMP programs related to archaeological site monitoring and compliance with NHPA section 106 and the GCPA, to clarify how DOI (and the GCDAMP) is achieving compliance with both NHPA section 106 and the GCPA and what is specifically necessary to do so. (Passed by consensus).

TWG Motion

3. The TWG recommends that AMWG make a recommendation to the Secretary on the following questions: How should the program fairly treat conflicts of cultural values, specifically those involving Native American perspectives? How will tribal values be monitored and tracked in this program? (Passed by consensus).

TWG Motion

4. TWG recommends that AMWG recommend to the Secretary that Reclamation implement the process that has been identified in Reclamation's 2007 Treatment Plan to comply with the requirements of NHPA Section 106 for the operation of Glen Canyon Dam. (Passed by consensus).

TWG Motion

5. TWG recommends that AMWG recommend to the Secretary that Reclamation identify what it will do in FY12 to mitigate adverse effects at the 53+ archaeological sites identified in Reclamation's 2007 Treatment Plan. (Passed by consensus).

TWG Motion

2. The TWG recommends that adequate funding for the SAs be a high priority for the AMP. TWG further recommends that AMWG task the TWG with developing a recommendation for AMWG on the roles and expectations of the Science Advisors with regard to the Adaptive Management Program and the related LTEMP. Based on the definition of the Science Advisors' role that AMWG ultimately adopts, TWG recommends that budget priorities for FY13-14 then reflect support to accomplish these responsibilities of the Science Advisors. (Passed by consensus).

TWG Motion

6.The TWG recommends that the AMWG recommends that the Secretary direct GCRMC to consider hiring an economist only after the AWMG approves a Socioeconomic Implementation Plan and provide a chair for the TWG Socioeconomic Ad Hoc Group who has expertise in economics from the Science Advisors; and TWG further recommends that AMWG direct TWG to focus the socioeconomic program initially on a robust and scientifically-based program dealing with power economics and market based recreational economics. (Passed by a vote of 10-5-3).

AMWG Action

- Castle August 18 memo contains responses and recommendations to 6 plus 1 TWG concerns
- August 5 Melis/Knowles memo and budget is starting point for recommendation to Secretary, includes all budget-altering accepted changes discussed
- For processes involving new TWG actions (CRAHG, SA roles, etc) it is preferable to have a clear task from AMWG articulated in a motion so that TWG can be responsive

Process Concerns/Observations

- Responses from DOI on BAHG/TWG draft reports may be premature, wait for AMWG or TWG level formal motions
- Responses from DOI appear to set actions in stone
- Need criteria for Technical vs. Policy issues, definitions
- With DOI speaking, it may be difficult for DOI agencies to fully participate and have a full conversation if it might disagree with the DOI response – potentially moving away from a collaborative process
- Timing of hearing back from DOI needs to be sensitive to TWG review, need written responses if possible
- Alternatively, this process allowed for greater involvement by DOI and the opportunity for the AMP to implement changes and have influence that wasn't available before

March 31 Castle memo

Month	Year-1 (development of biennial workplan & budget)	Year-2 (consideration of year-2 of biennial workplan & budget)
November	USGS produces GCMRC annual project reports document	USGS produces GCMRC annual project reports document
January	Annual reports meeting (2 days) followed by 1-day TWG meeting to review budget and provide guidance to GCMRC and BOR. TWG reviews progress in addressing Information Needs and research accomplishments.	Annual reports meeting (2 days) followed by 1-day TWG meeting to review GCMRC budget and provide guidance to USGS and BOR on any potential changes to consider for year-2 of the budget. TWG reviews progress in addressing Information Needs and research accomplishments.
February	Based on a revised Strategic Science Plan and Monitoring and Research Plan, DOI establishes/updates general work plan priorities/hydrograph assumptions and communicates those to AMWG USGS and BOR will meet will meet with the DOI Family to solicit their input on DOI priorities and major issues to be reconciled. Any disagreements will be resolved by DOI in consultation with the DOI Family	USGS initiates internal review of BWP in relation to ASWS priorities and funding constraints. Identifies proposed revisions and analyzes scenarios/implications.
March	USGS and BOR will develop an initial BWP and budget spreadsheet based on DOI priorities and input from (a) scientists and the TWG during the January Annual Reports meeting and (b) the DOI family. Initial BWP presented to ASWS.	USGS provides initial draft BWP spreadsheet for ASWS consideration.
April	USGS and BOR meet with DOI Family to discuss BWP. TWG meets to consider and provide input on the initial BWP. Unresolved issues or conflicting priorities will be resolved by DOI in consultation with the DOI Family.	USGS meets with the DOI Family to solicit input on draft BWP. USGS provides revised draft BWP and briefing to ASWS.
May	USGS and BOR provide a draft BWP to the TWG Budget Ad Hoc Group (BAHG) and Science Advisors for their review and comment.	USGS provides draft BWP to the BAHG and Science Advisors for review. TWG Budget Ad Hoc Group meets to consider and provide input on the draft BWP.
June	TWG meets to provide input on the draft USGS and BOR BWP and provide a recommendation to the AMWG.	USGS provides a final draft BWP to the TWG and Science Advisors for review. TWG meets to provide input on the final draft BWP.
July	USGS and BOR provide a final draft BWP to the AMWG for their review	USGS revises and provides final draft BWP to the AMWG for their review.
August	AMWG meets to provide input on the USGS and BOR draft BWPs and provide a recommendation to the SOI	AMWG meets to provide input on the final draft BWP and provide a recommendation to the SOI
September	Secretary of the Interior reviews the budget and work plan recommendation from AMWG.	Secretary of the Interior reviews the budget and work plan recommendation from AMWG.