

Glen Canyon Dam Adaptive Management Work Group
Agenda Item Information
December 5-6, 2006

Agenda Item

Action on Science Plans

Action Requested

√ Motion requested: motion language as follows:

Motion #1: AMWG recommends that the Secretary of the Interior adopt the Strategic Science Plan accepted by the TWG on May 25, 2006, subject to the recommended revisions:

- (1) That clarification shall be added to the Section “Critical research and monitoring needs outside the scope of the AMP” to incorporate changes shown in the PPT presentation by the GCMRC Chief.
- (2) That the first part of the Background section be deleted (the first 5.5 lines that specifically mentions Section 1802, but not the other sections). Add/Replace with “The 1992 GCPA directed the Secretary of the Interior to establish and implement long-term monitoring and research programs.”
- (3) Page 5 – Mission elements: Include revisions added to the Mission by the GCMRC Chief.

Motion #2: AMWG recommends that the Secretary of the Interior (a) accept and implement the **November 14, 2006**, draft of the Monitoring and Research Plan and (b) amend the Monitoring and Research Plan to incorporate the long-term experimental plan once it is finalized by the AMP/DOI.

Presenters

John Hamill, Chief, Grand Canyon Monitoring and Research Center
Kurt Dongoske, Chair, Technical Work Group

Previous Action Taken

√ By TWG:

TWG agreed by consensus to recommend approval of Strategic Science Plan by AMWG at its May 2006 meeting, with the following motion:

The TWG recommends that the AMWG adopt the Strategic Science Plan accepted by the TWG on May 25, 2006, subject to the recommended revisions forwarded by the TWG:

- (1) That clarification shall be added to the Section ‘Critical research and monitoring needs outside the scope of the AMP’ to incorporate changes shown in the PPT presentation by the GCMRC Chief.
- (2) That the first part of the Background section be deleted (the first 5.5 lines that specifically mentions Section 1802, but not the other sections). Add/Replace with ‘The 1992 GCPA directed the Secretary of the Interior to establish and implement long-term monitoring and research programs.’

(3) Page 5 – Mission elements: Include revisions added to the Mission by the GCMRC Chief.

TWG recommended AMWG's approval of the Monitoring and Research Plan by a vote of 16 yes, 6 no, and 2 abstain at its November 2006 meeting, with the following motion:

TWG recommends to the AMWG (a) acceptance and implementation of the September 13, 2006, draft of the Monitoring and Research Plan and (b) the Monitoring and Research Plan be amended to incorporate the long-term experimental plan once it is finalized by the AMP/DOI.

√ Other:

The Science Planning Group recommended approval of the Strategic Science Plan to the TWG at its July meeting.

Relevant Science

√ The following describes the relevant research or monitoring on this subject:

Both of these plans were based on the Knowledge Assessment Report and the associated Strategic Science Questions. The Knowledge Assessment Report is posted at <http://www.usbr.gov/uc/rm/amp/amwg/mtgs/06dec05/index.html>. The plans were also based on the AMWG priorities that emerged on the August 2004 priority-setting workshop:

Priority 1: Why are the Humpback chub not thriving, and what can we do about it? How many Humpback chub are there and how are they doing?

Priority 2: Which cultural resources, including TCPs, are within the APE, which should we treat, and how do we best protect them? What are the status and trends of cultural resources and what are the agents of deterioration?

Priority 3: What is the best flow regime?

Priority 4: What is the impact of sediment loss and what should we do about it?

Priority 5: What will happen when we test or implement the TCD? How should it be operated? Are safeguards needed for management?

Background Information

Please see the **Strategic Science Plan** as approved by the TWG, starting next page.

The **Monitoring and Research Plan** will be posted on the AMWG website at <http://www.usbr.gov/uc/rm/amp/amwg/mtgs/06dec05/index.html>. Please see attached a PowerPoint presentation on the Monitoring and Research Plan behind the Strategic Science Plan.