




# United States Department of the Interior

OFFICE OF THE SECRETARY  
WASHINGTON, D.C. 20240

## MEMORANDUM

TO: Secretary

FROM: Anne J. Castle   
Secretary's Designee, Glen Canyon Dam Adaptive Management Work Group  
Assistant Secretary—Water and Science

MAY 16 2011

RE: Report and Recommendations from the Glen Canyon Dam Adaptive Management  
Federal Advisory Committee

The Glen Canyon Dam Adaptive Management Work Group (AMWG) convened on February 9-10, 2011, in Phoenix, Arizona. The meeting was well attended and positive. The Operating Procedures of the AMWG require the Secretary's Designee to provide the Secretary with a report on all meetings, and to transmit recommendations. The meeting addressed a number of issues including a discussion on the two environmental assessments currently out for comment from the public addressing a High Flow Experimental Protocol and Non-Native Fish Control. The AMWG and its subgroups are continuing their hard work to provide advice and recommendations relative to the operation of Glen Canyon Dam in accordance with section 1804 of the Grand Canyon Protection Act. I am pleased to provide the following recommendation from the AMWG, adopted at the February AMWG meeting:

**The AMWG recommends that the Secretary of the Interior adopt the changes to the AMWG Charter, and if the Secretary does so, the AMWG adopts the operating procedures, as attached in the draft from the Charter Ad Hoc Group (CAHG) dated February 9, 2011, and to request that the CAHG review the level of participation of the DOI agencies, approximately 18 months after the institution of the new Charter, and to make a recommendation to the AMWG as to whether the ex-officio nature of their involvement should continue.**

As background information, the AMWG established the Charter Ad Hoc Group last year to review its own Charter and recommend changes. In March 2010, I requested the CAHG consider the following issues in their deliberations: (1) Composition of AMWG membership; (2) Inclusion of Department of the Interior bureaus as voting members on the AMWG; (3) Establishment of the position of an executive director for the AMWG and the associated funding; (4) Procedure for approval of TWG members and alternates, and subgroup and ad hoc group members; and (5) Voting procedures of the AMWG (consensus, majority vote, super-majority,

members; and (5) Voting procedures of the AMWG (consensus, majority vote, super-majority, minority reports, etc.). The U.S. Institute for Environmental Conflict Resolution was engaged to survey AMWG members on these and other issues and make recommendations. I received a thoughtful report from the CAHG in mid-January and feel they did an excellent job.

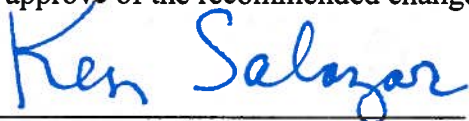
The issue that generated the most discussion was the recommendation of the CAHG that the Interior agencies be non-voting members of the AMWG for a two-year trial period. This is an issue that has been discussed at length over the years. The voting status of the Interior agencies was the vehicle that generated the previous problems of "not speaking with one voice." The Interior agencies with voting status on the AMWG (NPS, FWS, BIA, Reclamation) would prefer not to vote. Many FACA committees with federal agency members give them a non-voting status. The CAHG recommended that the Interior agencies be given non-voting status for the two-year duration of the charter renewal, and the issue then be revisited.

At the AMWG meeting, the tribal representatives expressed a concern that the tribal issues would have lesser representation if the Interior agencies with trust responsibilities to the tribes were non-voting. After extensive discussion, however, the AMWG voted 16 to 1 (Hopi Tribe voted no) to recommend the changes in the Charter to the Secretary. We have committed that the Interior agencies will continue to be active and vocal participants on the AMWG so that all the stakeholders are fully informed about the issues identified by and the positions of those agencies. The Interior agencies also emphasized that our trust responsibility to the tribes exists independent of any AMWG obligations, and that Interior would continue to take that responsibility seriously.

Another topic of debate centered on whether to change the composition of the AMWG by adding other interested parties as voting members. The CAHG had decided not to recommend a change, and AMWG ultimately voted not to re-evaluate that recommendation. However, the CAHG noted that the Grand Canyon Protection Act indicates that the Secretary should consult with the scientific and academic communities, and recommended that the participation of those entities be clarified within the Department of the Interior. Accordingly, further consideration of this representation was conducted within the Interior agencies involved in the AMWG. We noted that the AMWG already has participation from a group known as the Science Advisors, who provide independent external review of the science program and are encouraged to provide their recommendations to the AMWG. The individuals comprising the Science Advisors are all academics. However, we intend to also explore the possibility of adding an independent academic viewpoint to the Science Advisor structure to address broader questions of concern to the AMWG, such as an expert on Native American issues or water law and public policy.

I recommend you adopt the AMWG's proposed recommendation on changes to the AMWG Charter. A copy of the proposed revision is attached.

I approve of the recommended changes.



Ken Salazar  
Secretary

MAY 16 2011

Date

cc: Acting Assistant Secretary, Fish and Wildlife & Parks  
Assistant Secretary, Indian Affairs  
Commissioner, Bureau of Reclamation  
Director, National Park Service  
Director, Fish and Wildlife Service  
Director, U.S. Geological Survey  
Director, Bureau of Indian Affairs  
Solicitor

Assistant Director, Wildlife Management, Arizona Game and Fish Department,  
2221 W. Greenway Road, Phoenix, Arizona 85023-4399  
Attention: Mr. Mike Senn

Bureau of Indian Affairs, PO Box 10, Phoenix, Arizona 85001  
Attention: Ms. Amy L. Heuslein

Department of Energy-WAPA, Western Area Power Administration,  
150 E. Social Hall Avenue, Suite 300, Salt Lake City UT 84111  
Attention: Ms. LaVerne Kyriss

The Hualapai Tribe, PO Box 310, Peach Springs AZ 86434  
Attention: Ms. Loretta Jackson Kelly

Director, Cultural Preservation Office, The Hopi Tribe, PO Box 123,  
Kykotsmovi AZ 86039  
Attention: Mr. Leigh Kuwanwisiwma

National Park Service, Grand Canyon National Park, PO Box 129,  
Grand Canyon AZ 86023  
Attention: Ms. Jane Lyder

Navajo Nation, Historic Preservation Department, PO Box 4950,  
Window Rock AZ 86515-4350  
Attention: Mr. Alan Downer

Pueblo of Zuni, PO Box 339, Zuni NM 87327  
Attention: Mr. Arden Kucate

San Juan Southern Paiute Tribe, PO Box 2656, Tuba City AZ 86045

Southern Paiute Indian Consortium, Kaibab Paiute Indian Reservation,  
Tribal Affairs Bldg., HC 65 Box 2, Pipe Springs AZ 86022  
Attention: Mr. Charley Bullets

State Supervisor, U.S. Fish and Wildlife Service, Arizona Ecological Services  
Office, 2321 W. Royal Palm Road, Suite 103, Phoenix AZ 85021-4951  
Attention: Mr. Sam Spiller

Arizona Department of Water Resources, 3550 N. Central Avenue, Phoenix AZ 85012  
Attention: Ms. Perri Benemelis

Executive Director, Colorado River Board of California, 770 Fairmont Avenue,  
Suite 100, Glendale CA 91203-1035  
Attention: Mr. Christopher Harris

Colorado Water Conservation Board, 1313 Sherman Street, Room 718,  
Denver CO 80203-2279  
Attention: Ms. Jennifer Gimbel

Colorado River Commission of Nevada, 555 E. Washington Avenue, Suite 3100,  
Las Vegas NV 89101-1048  
Attention: Mr. George Caan

New Mexico Interstate Stream Commission, PO Box 25102, Santa Fe NM 87504  
Attention: Mr. Estevan López

Interstate Streams Engineer, Herschler Building, 4-E, 122 W. 25<sup>th</sup> Street,  
Cheyenne WY 82002  
Attention: Mr. John W. Shields

Director, Division of Water Resources, PO Box 146201, Salt Lake City UT 84114  
Attention: Mr. Dennis Strong

Grand Canyon Wildlands Council, PO Box 1315, Flagstaff AZ 86002  
Attention: Mr. Larry Stevens

Grand Canyon Trust, 2601 North Fort Valley Road, Flagstaff AZ 86001  
Attention: Mr. Nikolai Lash

Grand Canyon River Guides, 453 W. Mulberry Drive, Phoenix, AZ 85013-4349  
Attention: Mr. Sam Jansen

Colorado River Energy Distributors Association, 14029 S. 51<sup>st</sup> Street, Suite 230  
Phoenix, AZ 85044  
Attention: Ms. Leslie James

Utah Associated Municipal Power Systems, 2825 E. Cottonwood Parkway,  
Suite 200, Salt Lake City UT 84121  
Attention: Mr. Ted Rampton

Federation of Fly Fishers, 4510 E. Joshua Tree Lane, Paradise Valley, AZ 85253  
Attention: Mr. John Jordan

Deputy Regional Director, Upper Colorado Region, Bureau of Reclamation,  
125 S. State Street, Salt Lake City UT 84138  
Attention: Ms. Ann Gold

Regional Director, Upper Colorado Region, Bureau of Reclamation,  
125 S. State Street, Salt Lake City UT 84138  
Attention: Mr. Larry Walkoviak

Adaptive Management Work Group alternates  
Technical Work Group members and alternates  
(via e-mail)

**Glen Canyon Dam Adaptive Management Work Group  
Federal Advisory Committee  
Bureau of Reclamation**

**CHARTER**

1. **Official Designation:** Glen Canyon Dam Adaptive Management Work Group (AMWG).
2. **Scope and Objectives:** The Committee will provide advice and recommendations to the Secretary of the Interior (Secretary) relative to the operation of Glen Canyon Dam in accordance with the additional criteria and operating plans specified in Section 1804 of the Grand Canyon Protection Act (Act) of October 30, 1992, embodied in Public Law 102-575, and to the exercise of other authorities under existing laws in such a manner as to protect, mitigate adverse impacts to, and improve the values for which Grand Canyon National Park and Glen Canyon National Recreation Area were established, including but not limited to natural and cultural resources and visitor use, as provided in Section 1802 of the Act.

The Glen Canyon Dam Adaptive Management Program (AMP) provides for monitoring the results of the operating criteria and plans adopted by the Secretary and research and experimentation to suggest appropriate changes to those operating criteria and plans.

The AMP includes an Adaptive Management Work Group (AMWG). The Secretary's Designee will chair the AMWG. The AMWG will recommend suitable monitoring and research programs and make recommendations to the Secretary. The AMWG may recommend research and monitoring proposals outside the Act, which complement the AMP process, but such proposals will be funded separately, and do not deter from the focus of the Act.

3. **Description of Duties:** The duties or roles and functions of the AMWG are in an advisory capacity only. They are to:
  - a. Establish AMWG operating procedures.
  - b. Advise the Secretary in meeting environmental and cultural commitments including those contained in the Glen Canyon Dam Environmental Impact Statement Record of Decision (GCDEIS ROD) and subsequent related decisions.
  - c. Recommend the framework for the AMP policy, goals, and direction.
  - d. Recommend resource management objectives for development and implementation of a long-term monitoring plan, and any necessary research and studies required to determine the effect of the operation of Glen Canyon Dam on the values for which Grand Canyon National Park and Glen Canyon National Recreation Area were established, including but not limited to natural, and cultural resources, and visitor use.

Redline strikeout version of the Proposed Revised Charter  
Using the Current Charter as the basis

- e. Review and provide input on the report identified in Section 1804 (c)(2) of the Act to the Secretary, the Congress, and the Governors of the Colorado River Basin States. The report will include discussion on dam operations, the operation of the AMP, status of resources, and measures taken to protect, mitigate, and improve the resources defined in the Act.
  - f. Annually review long-term monitoring data to provide advice on the status of resources and whether the AMP Strategic Plan goals and objectives are being met. If necessary, develop recommendations for modifying the GCDEIS ROD, associated operating criteria, and other resource management actions pursuant to the Act.
  - g. Facilitate input and coordination of information from stakeholders to the Secretary to assist in meeting consultation requirements under Section 1804 (c) of the Act.
  - h. Monitor and report on all program activities undertaken to comply with applicable laws, including permitting requirements.
4. **Duration:** It is the intent that the AMWG will continue indefinitely, unless terminated by the Secretary, or the operation of the Federal Advisory Committee Act (FACA), 5 U.S.C. Appendix 2.
5. **Agency or Official to Whom the Committee Reports:** The AMWG reports to the Secretary through the Secretary's Designee who will serve as the chairperson and Designated Federal Officer of the AMWG. In the absence of the Chairperson or the designated alternate, another designated senior level Department of the Interior representative will act as Chairperson for the AMWG.
6. **Bureau Responsible for Providing Necessary Support:** The logistical and support services for the meetings of the AMWG will be provided by the Bureau of Reclamation.
7. **Estimated Annual Operating Costs:** The estimated annual operating costs associated with supporting the Committee's functions are \$500,000, including all direct and indirect expenses. It is estimated that five FTE's will be required to support the Committee.
8. **Allowances for Committee Members (compensation, travel, per diem, etc.):** Members of the Committee serve without compensation. However, while away from their homes or regular places of business, members engaged in Committee business (including regular, Technical, and ad hoc meetings) approved by the Designated Federal Officer may be allowed travel expenses, including per diem in lieu of subsistence, in the same manner as persons employed intermittently in Government service under section 5703 of title 5 of the United States Code.
9. **Estimated Number and Frequency of Meetings:** The AMWG is expected to meet biannually. The Secretary's Designee, who will serve as the Designated Federal Officer, may call additional meetings as deemed appropriate. ~~Fifteen~~ Thirteen members must be present at any meeting of the AMWG to constitute a quorum.

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**10. Termination Date:** The AMWG is subject to the provisions of FACA and will take no action unless the charter filing requirements of Section 9 of FACA have been complied with. The Committee is subject to biennial review and will terminate 2 years from the date the charter is filed, unless, prior to that time, the charter is renewed in accordance with Section 14 of the FACA.

**11. Membership:** Members and alternate members of the AMWG to be appointed by the Secretary will be comprised of but not limited to:

a. Secretary's Designee, who will serve as Chairperson for the AMWG.

b. One representative each from the following entities:

- (1) Bureau of Reclamation
- ~~(2) Bureau of Indian Affairs~~
- ~~(3) U.S. Fish and Wildlife Service~~
- ~~(4) National Park Service~~
- (5) Western Area Power Administration
- (6) Arizona Game and Fish Department
- (7) Hopi Tribe
- (8) Hualapai Tribe
- (9) Navajo Nation
- (10) San Juan Southern Paiute Tribe
- (11) Southern Paiute Consortium
- (12) Pueblo of Zuni

c. One representative each from the Governors from the seven basin States:

- (1) Arizona
- (2) California
- (3) Colorado
- (4) Nevada
- (5) New Mexico
- (6) Utah
- (7) Wyoming

d. Two representatives each from:

- (1) Environmental groups
- (2) Recreation groups
- (3) Contractors who purchase Federal power from Glen Canyon Power plant

e. One representatives from each of the following DOI agencies as ex-officio non-voting members:



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12. **Ethics Responsibility:** No AMWG member or alternate member will participate in any specific party matter including a lease, license, permit, contract, claim, agreement, or related litigation with the Department in which the member has a direct financial interest.
13. **Designated Federal Officer:** Secretary's Designee, Glen Canyon Dam Adaptive Management Work Group, Department of the Interior, 1849 C Street, NW, Washington, DC 20240.
14. **Subgroups:** The AMWG may have workgroups or subgroups that the Committee and the Secretary's Designee deem necessary for the purpose of compiling information or conducting research. However, such workgroups may not conduct business without the direction of the Committee and must report in full to the Committee.
15. **Authority:** The Grand Canyon Protection Act (Act) of October 30, 1992, Public Law 102-575, Sections 1802, 1804, and 1805, Federal Advisory Committee Act, 5 U.S.C. Appendix 2.

Ken Salazar  
Secretary of the Interior

JUL 08 2010  
Date Signed

JUL 23 2010  
Date Filed

Proposed Revised Charter

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\_\_\_\_\_  
Ken Salazar  
Secretary of the Interior

\_\_\_\_\_  
Date Signed

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Date Filed