

MEMORANDUM

TO: Members of the Glen Canyon Dam Adaptive Management Work Group (AMWG)

FROM: Members of the AMWG Ad Hoc Committee on What is In and Out of the AMP (AHCIO)
Randy Seaholm, Chair
Robert Begay Wayne Cook Kurt Dongoske Lloyd Greiner
Norm Henderson Pam Hyde Phil Lehr Don Metz
Clayton Palmer Bill Persons Randy Peterson John Shields

CC: AMWG Alternates and interested parties

RE: Recommendation for action at your January meeting

At your April 25, 2002 meeting, you directed the formation of an ad hoc committee, the Ad Hoc Committee on What is In and Out of the AMP (AHCIO), to make a recommendation to you regarding criteria for MOs and INs determined inappropriate for the AMP.

1. The AHCIO recommends to you the adoption of the following criteria to use to determine whether an Information Need is inappropriate for inclusion in the AMP Strategic Plan. An Information Need is inappropriate for inclusion in the AMP Strategic Plan if:
 - A. It contributes nothing to the accomplishment of the Vision and Mission of the AMP.
 - B. It describes how an agency should develop information needed for the AMP, instead of describing information needed for the AMP. (Note: Some Information Needs may need to be re-written if this criterion is accepted by the AMWG.)
2. The AHCIO also recommends to you that each Information Need in the AMP Strategic Plan should eventually be placed into one of three categories:
 - A. Information Needs that are appropriate for funding by power revenues and for accomplishment by the Grand Canyon Monitoring and Research Center (GCMRC).
 - B. Information Needs that may be addressed by the GCMRC but are not appropriate for funding by power revenues.
 - C. Information Needs that are funded and accomplished under the authority of an entity other than the GCMRC.
3. The AHCIO further recommends to you that if there are Information Needs that you decide are not appropriate for funding from power revenues, the proper role of the AMWG is:
 - A. To recommend to the Secretary of the Interior that particular Information Needs should be addressed by an agency or agencies under her purview, when that is the case, and
 - B. To assist any agency or agencies that should address the Information Needs to obtain appropriated dollars to fund that work.

4. The AHCIO further recommends that you:
 - a. Ask the AHCIO to sort the Information Needs into the three categories listed above under #2, and test the Information Needs to see if any of them meet the criteria listed under #1, above; and
 - b. Ask the TWG to review the results of that work and make a recommendation for action to the AMWG.
5. The AHCIO further recommends that you delete the RINs under MO 12.2 and RIN 6.5.4 from the Strategic Plan, and substitute a narrative. The Information Needs that would be deleted are as follows:

~~RIN 12.2.1 What is the most appropriate field sampling method(s) (e.g., sampling size, spatial and temporal distribution, analysis, explicit assumptions, limitations, and uncertainties) and statistical analysis to monitor the status and trends of resources targeted by management objectives?~~

~~RIN 12.2.2 What remote sensing technologies are available to less intrusively and more cost effectively monitor, characterize and map: (a) the aquatic food base, (b) fish, (c) fish habitat features, (d) Kanab ambersnail habitat, (e) water quality parameters, (f) bathymetry and associated substrates and (g) cultural sites?~~

~~RIN 12.2.3 What digital, or other, technologies exist and should be used to record field observations and spatially reference these data to facilitate their integration into GCMRC databases and use by PIs and stakeholders?~~

~~RIN 12.2.4 What historic data sets currently exist for all resources targeted by management objectives in the GCDAMP?~~

~~RIN 12.2.5 What remote sensing data are available or can be obtained that will support the production of a system wide resource map?~~

~~RIN 12.2.6 What are the acceptable detection levels for change in Colorado River ecosystem resources? How should those levels most appropriately be determined and who should make the determinations?~~

~~RIN 12.2.7 How can GIS be used to designate and stratify habitats to improve system wide extrapolation of population estimates and habitat in the Colorado River ecosystem?~~

~~RIN 12.2.8 Determine accurate, reliable, and standardized methods for measuring erosion at historic sites.~~

~~RIN 6.5.4 How can remote sensing assist in the development of a map of non-native species distributions in the Colorado River ecosystem including characterization of the types of habitat that supports non-native species?~~

The following substitute language would be insert under Management Objective 12.2 (“Attain or improve monitoring and research programs to achieve the appropriate scale and sampling design needed to support science-based adaptive management recommendations.”):

"This MO is intended to encourage continuous improvement in research and monitoring techniques to provide the AMP with the best available science. However, exploration of new techniques and methods should not come at the expense of long-term monitoring and resource protection.

“Unlike the other Management Objectives, this MO reflects an ongoing need to consider new information regarding the most cost-effective and least intrusive techniques and methods available for monitoring and conducting research on the resources of the CRE. GCMRC seeks this information as part of its normal operations, using Protocol Evaluation Panels and other means.”