Defining Management Actions

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Goals of this presentation

- **Outline the relationship of this program to "management actions"**

- **Provide background on why this has come to AMWG**

- **Describe discussions and actions taken by TWG**

The AMP and Management Actions

- **The term "management actions" is used by the program and not defined**

- **First paragraph of Strategic Plan lists management actions, also in principles 6&7**

- **GCDAMP web site:**
  - **The scientific information obtained under the Adaptive Management Program is used as the basis for recommendations for dam operations and management actions.**

- **LTEP had an alternative with management actions and a description of what they were intended to be**

TWG interest

- **Goal 12 "Maintain a high quality ... adaptive management program"**

- **Adaptive management could be described as the process of using science and research to develop management actions with known effects and continually test their effectiveness (LTEP)**

- **TWG is interested in exploring how the program effectively moves from science and research to management, and what the implications are for the program**

Why now?

- **The resumption of the coldwater non-native removal program in the vicinity of the LCR and the handling of the funding by GCMRC has raised the issue to TWG**
  - **GCMRC has removed this from their budget and considers this to be a management action as is reflected in the MRP p. 8**
- **Also, requests for increases in the cultural program (section 106 compliance) and Goal 11**

What are the implications?

- As compliance/management costs rise, who should pay?
- Is it still science or is it something else?
- Should the science budget be preserved so that we can continue to have adequate funding to answer critical questions?
- Should funding come from outside the program to implement management actions?
- Many more questions and examples of what management actions may mean to this program

TWG Discussion

- **TWG discussed management actions at its March 2009 meeting**
- **TWG felt that there were two major areas of discussion related to MAs:**
  - **Science and adaptive management: what are the technical considerations in moving from science to management, are there examples in other programs?**
  - **Policy and funding: regulatory and policy limitations and direction for this program specifically**

How can we move forward?

- **TWG felt that in order to move forward, we needed to build a common understanding of what other adaptive management programs are doing, and have that brought together in a short/preliminary review by the Science Advisors (no expertise in this area on the TWG)**

- **Use the Science Advisors in a very limited role to help TWG frame the discussion**

- **Request that AMWG allow TWG to explore the technical aspects of this topic**

TWG Action Part (1)

(11-3, 2 abstaining)

The TWG requests that the Science Advisors develop a report on Management Actions from other programs which describe the transition from research to management. This should be developed in coordination with the TWG Chair, TWG Co-Chair, and Chief of GCMRC. The report should be provided to the TWG at its next meeting and a presentation should be provided. The SAs should also be available to present this to AMWG at their late summer meeting (likely in August).

TWG Action Part (2)

(11-3, 2 abstaining)

The TWG requests that AMWG consider the policy implications of management actions. This could look similar to an in-and-out committee, involving interested parties that are familiar with the legal and policy framework of the program. This could either be a TWG or AMWG committee and could involve a mix of individuals from all parts of the AMP. We are looking to AMWG for guidance on how to, and if we should, further pursue the question of management actions.

Summary

- **We need to figure out how to fund the nonnative removal program for 2010-11**
- **Cultural program issues will need to be resolved**
- **Will our science budget shrink, and are we prepared for that? Role of GCMRC?**
- **Outside funding for management actions?**
- **Presumably this program is going to uncover more and more activities that we think will have positive resource effects – how do we implement these actions in an adaptive management framework?**