

Lake Powell Monitoring and Research Proposal¹
Lake Powell Program Split Ad Hoc Group
November 17, 1998 (corrected copy) - to be on 12/8/98 TWG Agenda

Explanation of Change/Approach:

The following approach for identifying, developing, funding and conducting monitoring and research projects above Glen Canyon Dam (GCD) reflects:

1. the mandate within the Grand Canyon Protection Act that the Adaptive Management Program (AMP) focus on effects of Secretarial actions on the Colorado River ecosystem downstream of GCD; and
2. the opportunity to provide adequate, long-term funding commitments for these AMP programs from outside sources.

All scientific activities related to Lake Powell would fit into one of the following categories with the specified funding sources:

WHITE AREAS: Those AMWG MO/INs that relate to downstream (below GCD) effects and conducted downstream of GCD:

- Funded by the AMP Budget
- Scope of work reviewed and approved by AMWG/TWG
- Includes all appropriate MO's and IN's
- GCMRC protocols apply (peer review, etc.)
- Accomplished by GCMRC and/or its contractors
- GCMRC will determine its capabilities to accomplish the work within funding personnel and other constraints

GRAY AREAS: Those AMWG MO/INs that relate to downstream effects, but conducted upstream of the dam:

- Part of the AMP and uses AMP procedures
- Funded by the Reclamation; e.g., O&M budget or other sources
- Scope of work developed by GCMRC and coordinated with USBR and the Lake Powell Group
- GCMRC protocols apply with PEP review before submission to AMWG/TWG
- Submitted to AMWG/TWG for review and recommended adoption
- Accomplished by GCMRC and/or its contractors

BLACK AREAS: Not directly related to downstream effects, conducted upstream of the dam:

- Funded by Reclamation, Lake Powell Group, or other sources
- Not part of AMP
- MO's and IN's are retained in a non-program information-desired category until next revision
- GCMRC protocols may not apply, but data collection should be consistent for sharing of results
- Accomplished by USBR, participants in the Lake Powell Group, or others
- Results will be shared with GCMRC and AMWG

Note: GCMRC will present proposed budget split by 12/8/98

¹Revised based on comments from: Bruce Moore, Norm Henderson, Wayne Cook, Clayton Palmer, Cliff Barrett, Bill Persons, Bill Davis, Rick Johnson, Barry Gold, Bill Vernieu and Bob Winfree

- 207-202

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(GLCA Revisions 11/24)

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The following approach for identifying, developing, funding and conducting monitoring and research projects above Glen Canyon Dam (GCD) reflects:

1. ^{leave in} ~~mandate within the Grand Canyon Protection Act that the Adaptive Management Program (AMP) focus on effects of Secretarial actions on the Colorado River ecosystem downstream of GCD; and~~
- ② The desire by the Adaptive Management Workgroup to focus GCMRC research and monitoring efforts on those actions taken by the DOI Secretary that affect downstream resources; and
- ③ Make full utilization of alternative funding sources to support research and monitoring programs conducted upstream of Glen Canyon Dam

All scientific activities related to Lake Powell would fit into one of the following categories with the specified funding sources:

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 - Submitted to AMWG/TWG for review and recommended adoption
 - Accomplished by GCMRC and/or its contractors
- members of*

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GRAY AREAS: Those AMWG MO/INs that relate to downstream effects, but conducted upstream of the dam:

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TWG
12-8-98

attach 2

Serena M. : *this is Normie 11/24 change (stroke + add)*
up from sink change the Normie to equal to 12/1.

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DRAFT

(GLCA Revisions 11/24)

*TWG
12/8/98
N. Henderson*

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