



**M3 RESEARCH**

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TO: John Hamill, Chief GCMRC  
FROM: L.D. Garrett, Executive Coordinator, Science Advisors  
DATE: June 3, 2010  
SUBJECT: Science Advisor Program Proposed Budget Reductions: 2010/2012

John;

After our discussion I can understand your need to make significant adjustments in funding of various programs. And, we realize the Science Advisor Program must accept reductions in funding along with other programs.

Over the past three years M3 Research has agreed to adjustments in the SA Program and changed our approaches to both service and reviews to accommodate related reductions. I am evaluating how we can best accommodate your proposed reductions for 2011/2012.

Your proposal for a reduction of \$50,000.00 is significant and my response was to request reconsideration of the reduction. My request for consideration of a \$20,000.00 to \$30,000.00 reduction rather than \$50,000.00 was to preserve some capabilities to respond to service needs of the TWG, AMWG, Secretary, GCMRC, etc. during 2011/2012.

If the SA Program absorbs a \$50,000.00 reduction, I propose that its focus be narrowed to only reviews of GCMRC science planning documents, which range from four to six per year. General service support to GCDAMP entities; i.e. TWG, GCMRC should be deleted from the SA Program. I would still bring the SAs positions and perspectives on these reviews into all AMWG, TWG and GCMRC meetings and have SAs present review outcomes at AMWG and TWG meetings.

I am hesitant to propose this more narrow approach, because I and the SAs feel we should be providing more service to the TWG and AMWG in 2011/2012. We believe our perspectives would be valuable especially to the TWG, on several management and science issues that will likely surface in 2011 and 2012. A greater service need may exist if the EIS process proceeds as planned. However, it would



be improper for me to propose that we could respond effectively to the spectrum of review and service needs that exist in the GCDAMP at a \$50,000.00 reduction. Quality would become compromised, which would be a disservice to the GCDAMP program.

I have evaluated the SAs proposed 2011/2012 program of work and propose we eliminate most of the service areas and focus on GCMRC science planning document reviews. In the following list of proposed 2011/2012 activities the areas to be eliminated are indicated by strike outs. Generally, the SAs service roles are deleted.

As, I have related in the past, there are difficulties in determining exactly what will be reviewed each year. For example, I have not received documents for two reviews scheduled for winter and spring 2010. As such, the 2011 and 2012 review documents will probably change from what was originally proposed.

#### **Projected 2011/2012 Reviews**

- Review of proposed 2011 Science Program and activities. Assessments of integration into the existing Strategic Science Plan and monitoring and Research Plan
- Review of proposed 2011 program budget
- Review of GCMRC's Fall Steady Flow Science Plan
- Review of 2000 LSSF Synthesis Report
- Review individual Core Monitoring Plans for:
  - Aquatic Food base/Lake Powell and Downstream Water Quality Monitoring;
  - Native and Non-native Fish Monitoring;
  - Vegetation Monitoring
  - Camping Beaches Monitoring
- Review of overall fisheries science and modeling direction, and other program integration
  - Review of overall sediment science and modeling direction, and integration to other programs
  - Review of TWG/AMWG/GCMRC proposed socioeconomic RFP/science plan
  - Review of management/science planning direction regarding HBC translocation and trout abatement
- Review of 2012 programs and budget
- Review of 2008 HFE Summary project reports (projects 1-5)
- Review of HFE Synthesis report
- Review of 2013 programs and budget

#### **Projected 2011/2012 Service**

- ~~TWG/SA/GCMRC workshop on CMP.~~
- ~~AMWG/TWG/GCMRC/SA workshop(s) on GCDAMP effectiveness~~
- ~~TWG/GCMRC/SA workshop on transitioning management actions, science, etc.~~
- ~~TWG and AMWG service support on management and science integration; i.e. risk assessments, tradeoff analysis, etc.~~
- ~~GCMRC/TWG/SA workshop on socioeconomic program plan.~~

- ~~GCMRC science workshop on final aquatics/fisheries ecosystem modeling direction 2011-2015, i.e. food base, habitat, non-native and native fish, etc.~~
- ~~Assist GCMRC in designing and implementing ecosystem science approaches in research and monitoring programs, experimental options, modeling, sampling designs, etc.~~
- ~~Working with GCMRC Chief, leadership team, and Senior Ecologist, assess opportunities for greater integration and of biology programs, and physical science program.~~
- ~~Quality of Water (including Lake Powell) and Aquatics PEP in FY 2011 for CMP.~~
- ~~Participate in Recreational PEP in FY 2011 for CMP.~~
- ~~Assist in knowledge assessment procedures. Revision of 2005 KA.~~
- ~~Assist in SCORE II report (selected chapters as appropriate) as outcome of knowledge assessment~~

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