

Biennial Budget and Work Plan (FY 2013-14)

- Comments from TWG after Feb. 2 meeting
- BAHG review, additions, discussion
- BAHG final Feb. 14
- 51 comments plus 4 policy level (AMWG guidance needed)
- Consider KA II updates
- Consider 2 EAs, BIOP
- Annual reports

POLICY ISSUE

- Review of distribution and status of missing and at risk species -\$50,000
- Placeholder added for reintroducing extirpated species in Grand Canyon

Request consideration related to AMP policy, RIN 3.1.1 states no use of AMP funds for extirpated species work (category C information need)

AMWG acknowledged species of concern white paper in August 2011

2 EAs and BiOp (10)

- **Clearly identify compliance needs for these actions and make them a high priority, including tribal perspectives**
- **Identify and mitigate adverse effects to traditional cultural properties**
- **Restructure budget to better incorporate the compliance needs for HFEs**
- **Integration of tribes, TEK, into monitoring program related to these actions**
- **Rapid Response science plan to contrast store and release**
- **Lack of funding for riparian and cultural/archaeology monitoring may make compliance with NHPA difficult**
- **Consider HFE monitoring in the core monitoring plan**

Humpback Chub (9)

- Consider humpback chub comprehensive plan
- Consider humpback chub restoration study (100k)
- Consider how to minimize research sampling impacts to aggregations
- Support for PBR study, coordinate results with TWG
- Clarity on annual incidental take monitoring related to new ITS, and provide annual updates on take
- Chute Falls translocation plan requested
- Support brown trout removal in mainstem and BA

Humpback Chub (continued)

- **Clear link between budget and core monitoring plan to support and evaluate progress to recovery**
- **How can the program achieve goals described in the status review and further described by FWS?**
- **Has carrying capacity been reached (in the LCR), and if so, what can be done to achieve goals?**
- **Are we on track for being able to evaluate when goals are reached?**

Native American Values & TEK (5)

- **Concern that the AMP is losing sight of humanistic values associated with Grand Canyon and the Colorado River ecosystem**
- **Lack of presented information regarding Native American issues was a significant information need not covered during the KA II process**
- **Use un-used funds to support tribal concerns**
- **DOI should include a project/program in 13-14 budget to consider how to integrate TEK into GCMRC, (50k)**

Riparian Vegetation (4)

- Riparian vegetation model development
- Given significance of riparian changes, study vegetation to understand impacts to sediment retention/sand bars
- Funding isn't sufficient to address:
 - Continuation of past data sets
 - Synthesizing past monitoring
 - Monitoring encroachment on sand bars

TWG Management (3)

- **Consider meetings in locations that allow contact with the resources we are considering, to include stakeholder values**
- **Allow adequate funding to have meetings and connection to the resource**
- **Consider river trip in 13-14 budget**

Other Categories

- **Refinement of ecosystem models**
- **Use of Cataract Canyon (or other areas) as a control**
- **Reclamation should define compliance responsibility under 1994 PA and 2007 treatment plan, and complete NHPA compliance**
- **Concerns over arch. site preservation, and values associated with it**
- **Too much focus on sediment suspension and transport if it primarily is used to build sand bars that erode quickly, revisit needs**

Other Categories (cont'd)

- Lees Ferry gravel pits ecosystem study feasibility analysis
- Re-consider need to monitor old high water zone
- Nutrient dynamics model pilot study
- Study RBT/native fish dynamics in Shinumo Creek
- AMP administrative history study
- Consider what could be learned from floods >60k cfs
- Emphasize timely research results, more funds?

Other Categories (cont'd)

- **Maintain research focus on dam operations needs for compliance**
- **Consider restructuring budget to meet goals such as nonnative fish and HFEs and removing “Experimental Flow Fund” line item, general reconsolidation of budget to clarify**