

TWG Ad hoc Aquatic PEP Review

Technical Work Group Meeting

May 16-17, 2002

Gary Burton, Bill Davis, Steve Gloss, Rick Johnson, Dennis Kubly

1. Establish a water quality program

- Link to physical, foodbase and fisheries sampling
- Transition to downstream emphasis
- Conduct data synthesis and power analysis for variable selection and sampling design

2. Conduct a critical review of the foodbase program

- Need improved understanding of linkages between foodbase program and fish management goals
- Determine metrics to use, level of change detection required, and precision of estimates possible with sampling designs
- Consider use of naturally occurring isotopes
- Communicate decisions to managers

3. Expand research and monitoring program for humpback chub

- Complete the genetic study
- Finish compilation and evaluation of historic data
- Develop a fish handling protocol
- Reanalyze backwater data and evaluate utility of early life stages as real-time recruitment index

4. Develop a monitoring plan for other native fish

- Synthesize existing information and develop population model for flannelmouth sucker
- Develop explicit linkages between management goals and monitoring program
- Once all available data have been assembled, review options for monitoring

5. Extend exotic fish monitoring to non-salmonid species

- Rank species for their potential to impact native species
- Develop monitoring metrics that address potential risk to native species
- Integrate findings into sequencing of information needs

6. Address management issues

- Standardize an annual reporting cycle
- Effect tighter control of contracting process
- Consider greater ‘in-house’ capability if necessary to achieve consistency and quality in the monitoring program
- Consider longer term contracts and make conditional on satisfactory progress

Draft TWG Ad Hoc Motion

The TWG recommends that the AMWG should accept the Aquatic PEP report and the TWG Ad hoc report and the TWG recommends that the AMWG direct GCMRC and the TWG to work together to integrate recommendations from those reports into annual and long-term work plans of the GCDAMP