

Glen Canyon Dam Technical Work Group Action Item Tracking Report

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Updated: March 18, 2009

Action Number (year.mo.day-no.)	Action Item * Additional information in Meeting Minutes	Assigned to	Due Date	Status
2006.05.24-25	<p>5/24/06: Scope of Work is being finalized and Connie Keeler Foster with Dexter Fish Hatchery is slated to begin the work. Glen thinks they are on schedule and a report should be ready in Dec 2007.</p> <p>8/2/06: Glen has been trying to set up a meeting with the HBC AHG. He will get with the members at this meeting to set up a time to meet in late August.</p> <p>4/2/07: Glen said the Genetics Management Plan is scheduled for completion in December 2007.</p> <p>6/25/07: As above.</p> <p>10/2/07: As above.</p> <p>12/4/07: BOR was involved with contracting and is cooperating with the review. No schedule yet for review but draft has been delivered. Timeline hasn't been set yet but should be returned to Connie Keeler Foster in Dec. or early January with comments. Final by spring 2009 at the latest. The draft report is currently going through an internal review and should be given to the TWG shortly. *</p> <p>4/8/08: Glen said they're conducting a second internal review. Once that is completed, it will go through a technical review. They're making good progress and the peer review should be completed in 4-6 weeks. He believes a draft document will be ready and for the TWG at their next meeting and then forwarded to the AMWG.</p> <p>7/16/08: Glen said they are still conducting their review and will have a finalized plan this year. They are working with GCRM to get a technical review and will bring the Plan to the TWG by the end of this calendar year.</p> <p>10/15/08: Glen said Connie Keeler-Foster completed a third draft which has been given to GCMRC to conduct a separate scientific peer review and he's hopeful that will get done in the next few months.</p> <p>3/16/09: Sam Spiller said the USGS has completed a peer review of the plan with four independent reviews (two geneticists and two hatchery managers). These reviews are substantiated and should improve the plan. Connie Keeler-Foster has received those reviews and is revising the plan. There is no schedule for final completion of the version but will work to complete as quickly as possible.</p>	Glen Knowles	August ?	Open
2006.11.8-9	<p>11/8/06: Mary Barger will inform the TWG when WAPA would be able to make a presentation on the results of the Lifecycle Impact Assessment Report.</p> <p>4/2/07: Mary asked to be put on the agenda for the next TWG meeting to make a presentation. See meeting minutes for more details.</p> <p>6/25/07: Mary said that hopefully by the next TWG meeting, it will have been approved and through the process. She will talk to Kurt more about whether it</p>	Mary Barger	June ?	Open

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	<p>should be presented to the AMWG first.</p> <p>10/2/07: Mary will make a presentation at the next TWG meeting.</p> <p>12/4/07: The report is being peer reviewed and that needs to be completed before it can be presented. It may be possible to schedule a presentation at the next TWG meeting.</p> <p>4/8/08: Mary said she talked with Clayton about this. They don't have funding to do another peer review, but just got money again. Two weeks ago they made some minor changes to the report and it's going for out for peer review in May. As soon as the review is completed, they should be able to make a presentation.</p> <p>7/16/08: Mary said they are having an issue with contracting for the peer review but there will be a presentation made at the Science Symposium. (Nov 2008).</p> <p>10/15/08: Clayton has engaged a consultant to look at the scientific basis of claims for renewable electrical power. The report is being peer reviewed by Argonne Labs and should be available in a month. (See minutes for more details.)</p> <p>3/16/09: Clayton Palmer said WAPA in partnership with Tri-State Generation undertook a science piece of research in which they were looking at a methodology to evaluate the question of green electrical power. WAPA hired a research team in California to look at whether there was a scientific way to approach that. In addition, WAPA has been working with an American Standards Board to see if they can get a standard task that anybody could use to make determinations on green electrical power. The study is a case study and uses four different electrical generating technologies. This is of interest to the AMP is that one of the case studies is Glen Canyon Dam. There was some interest in having the researcher report on that study when it was completed. It has been peer reviewed and it's being rewritten in response to peer review comments. A final report will be completed by 2/15/09. He or Mary Barger can arrange to have a presentation if the TWG so desires. In response to a question from Shane on distributing the report, Clayton said he hasn't talked with WAPA but will do so and report back to the TWG.</p>			
2007:06.25-26(7)	<p>6/25/07: Reclamation (Mike Berry) will consider putting together a cultural symposium or a one-day workshop with the tribal stakeholders that brings the tribal viewpoints and tribal scientists together. It would focus on improving dialogue, creating learning opportunities, helping to recognize differences, and ways to bridge understanding among all the AMP stakeholders, GCMRC, and the Science Advisors. In addition, the Roles AHG should also participate in the symposium/workshop.</p> <p>10/2/07: Mike said no progress has been made because most of their efforts have been focused on</p>	Mike Berry	August ?	Open

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	<p>finalizing Native American protocols and they're attempting to finalize the Native American Consultation Plan and that will lead up to the workshop.</p> <p>12/4/07: Mike told Kurt the initial goal is to integrate compliance with GCPA and NHPA as a forum for integrating tribal values. Dennis Kubly said there is no funding in FY09 to hold a workshop. Mike Berry will provide an update at the next TWG meeting.</p> <p>4/8/08: Kurt said he talked with Mike Berry yesterday but I think it's still in the works. It will remain open until the next TWG next meeting.</p> <p>7/16/08: It's been going on for a year and haven't received any substantive comments from the TWG or Sediment AHG. I don't know what to do about this. (tape). John is at a point that this needs to be elevated and decisions made. He doesn't feel the TWG is performing their responsibilities. Kurt acknowledged his frustration as well with the AHG's. Kurt asked if there were any ideas for streamlining this process.</p> <p>7/16/08: There is nothing to report at this time.</p> <p>10/15/08: Mike Berry said he held informal discussions with Helen Fairley, Jan Balsom, and Mike Yeatts and the plan is to have a multi-agency sponsored symposium with all the tribes but it will be delayed until the tribes have completed the first year of their protocol implementation plans. The contracts just got in under the wire and he feels there should be more conversation. The funding will be discussed and since they'll be preparing reports under Reclamation contracts, Mike thinks it would be helpful to have an outside anthropologist attend and present results to the TWG. The symposium won't take place for at least a year so people from the various agencies should develop an outline soon.</p> <p>3/16/09: In Mike Berry's absence, Dennis Kubly said Mike is waiting for the protocol monitoring reports from the tribes and once those are in, he will schedule a workshop so they have something substantive to meet on.</p>			
2008:04.08-09 (2)	<p>4/8/08: Dr. Dave Garrett will provide a copy of the SA report completed with regard to the economic analysis done related to hydropower and related flow regimes to Linda for distribution to the TWG.</p> <p>7/16/08: Dr. Garrett said that report was from WAPA and they had two personal discussions and exchanged phone calls and e-mails and Clayton wanted to prepare a cover memo so there wouldn't be any misinterpretation because the energy spot markets have been so volatile. Clayton wanted to make those changes. Dave said he hasn't received anything from Clayton but will follow up with him. As soon as he receives, he will forward to Linda for distribution to the TWG.</p> <p>10/15/08: Clayton said this was the report that had the four options considered by the LTEP and recommended to the SDOI. The report was finalized,</p>	<p>Dave Garrett John Hamill Clayton Palmer</p>	June ?	Open

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	<p>peer reviewed, and sent to GCMRC and peer review changes were made and it was sent back to GCMRC. However, there was an error on one of the tables and Clayton had it fixed. Dr. Garrett said he would provide to Shane and GCMRC. Dennis asked if GCMRC ever completed the four options. John Hamill said it was still in a final draft form and their intent is to leave it in draft form. Clayton's report is considered final but GCMRC's full analysis of all the SPG options of which Clayton's economic assessment was one component. The entire document was never finalized. John Hamill will send out the report but only as a preliminary report because it hasn't been peer reviewed. The TWG will review at its next meeting.</p> <p>3/16/09: Clayton said WAPA prepared an economic evaluation of the four options that were developed by the SPG, forwarded to the TWG and then the AMWG. That was completed and became part of a GCMRC report of the anticipated impact on resources of implementing those four options. It turns out that all that was needed was a modification on one of the tables on WAPA's part of that report. He asked his engineer to send the new table to Dr. Garrett and he will check to see if was sent out. Clayton said the AMWG and the TWG have a copy of the report. Clayton will send the "final" report with the revised table to the TWG.</p>			
2008:04.08-09 (4)	<p>4/8/08: Dave Garrett will take the lead in developing a method for improving TWG/SA interaction.</p> <p>10/15/08: This item was not captured from the April 2008 meeting minutes. As such, Dave will take the necessary action.</p> <p>3/16/09: Dr. Garrett said the impetus for this related to a need to have the science advisors to continually engaged with the TWG. Dave thinks it is resolved and suggested letting the current administration of the TWG go through a process and see if they feel better about the science advisors, GCMRC, and TWG's reporting over the next two years. It's resolved as far as they get output.</p>	Dave Garrett	February 2009	Closed
2008:04.08-09 (3)	<p>4/8/08: Larry Stevens (GCRG) and Jan Balsom (NPS) will work together on preparing a report on reintroducing missing species into the river corridor.</p> <p>7/16/08: Jan said she sent a list to Larry Stevens but hasn't heard anything. This will be on the next meeting agenda.</p> <p>10/15/08: Larry gave a PPT at today's meeting. The TWG will continue to keep this an issue of concern in future deliberations/actions within the AMP.</p> <p>3/16/09: Shane said Larry provided his PPT from the last meeting and from this meeting there is a preliminary draft Goal 3 motion language for the next AMWG meeting and a white paper on extirpated species that is available today. Emily Omana said there is an executive summary available today and added that Larry hopes to meet with the Park next week and get the white paper out in the next two</p>	Larry Stevens Jan Balsom	October 2008	Closed

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	weeks. This item is closed in lieu of the white paper being sent to the TWG.			
2008:10-15-16(1)	<p>10/15/08: John Hamill will send out the NPS proposal requesting GCMRC to perform a do a separate analysis on modeling data that GCMRC had collected to WAPA. John will also send the preliminary report to the TWG.</p> <p>3/16/09: John said the report was revised before it was sent to the TWG. The conclusions were essentially the same but they did do an internal review of that and it is still a preliminary report. There is a fair amount of uncertainty associated with the analysis that was done. The analysis looked at the effects of equalized monthly flows on sediment transport in the canyon. He said John O'Brien suggested expanding the scope of the analysis. John said they provided, as part of GCMRC's updates, a write-up on the modeling project and its status. GCRMC would like to have additional interactions with the TWG about the modeling project. One element is to look at the effects of dam operations on sediment transport and they think they will have some preliminary results this year toward the end of the calendar year. They hope to eventually have some published reports that would address this issue in more detail. John said he would like the TWG to look at the scope of this issue. He said some preliminary reports should be available this fall.</p>	John Hamill	ASAP	Open
2008:10.15-16(3)	<p>GCMRC will develop a journal article on the source of trout downstream of Lee's Ferry.</p> <p>3/16/09: Matthew Andersen said there are some new publications that Josh Korman is the senior author on that specifically addresses trout in the Lees Ferry Reach. Pursuing more information on natal origins is part of their PEP panel in the next few weeks. He said the PPT is a start but there needs to be more studies done. This will remain open until after the PEP when more information may be available.</p>	John Hamill		Open