

From: Linda Whetton

To: Begay, Steven; Broscheid, Bob; Bullets, Charley; Gold, Rick; Groseclose, Jay; Jackson Kelly, Loretta; James, Leslie; Kuwanwisiwma, Leigh; Lehr, Phillip; Martin, Steve; Potochnik, Andre; Rampton, Ted; Ramsey, Nikolai; Sabo, David; Seaholm, Randy; Shields, John; Spiller, Sam; Steffen, Mark; Stevens, Larry; Strong, Dennis; Warren, Brad; Werner, Bill; Zimmerman, Gerald

Date: 8/7/2007 2:14:16 PM

Subject: AMWG Meeting Information -> RESEND WITH AGENDA

This is to inform you that the next Glen Canyon Dam Adaptive Management Work Group Meeting will be held:

Dates:

Wednesday, August 29 (9:30 a.m. - 5:30 p.m.)

Thursday, August 30 (8 a.m. - 4 p.m.)

Location:

U.S. Geological Survey
2255 N. Gemini Drive
Bldg. 3 Main Conference Room
Flagstaff, Arizona

If you desire a meeting packet, please respond to this message as there will be limited copies available at the meeting. For those individuals attending the meeting, you may also download the files at the URL listed at the end of this message. Attached is an agenda for the meeting.

REMINDER TO AMWG MEMBERS: The room block at Little America closes TODAY. If you haven't made your reservation, suggest you do so ASAP to insure receiving the Govt. rate (\$81 + tax). The room block is under "AMWG."

cc: Amy Heuslein / Garry Cantley (via fax @ 602-379-3833)

<http://www.usbr.gov/uc/rm/amp/amwg/mtgs/07aug29/index.html>

CC: Alberts, Jason; Alpine, Andrea; Andersen, Matthew; Bacon, Dudley; Balsom, Janet; Barger, Mary; Barrett, Clifford; Beard, Chris; Benenati, Emma; Bonza, Chuck; Brown, Richard; Bryant, Nora; Buell, Scott; Burke, Kelly; Burman, Brenda; Capron, Shane; Chatinsky, Steve; Christensen, Kerry; Cole, Cindy; Conrad, Tara; Crist, Dena; Daly, Karen; Damp, Jonathan; Davis, Phil; Davis, William E.; Deeter, Kirk; Dongoske, Kurt; Douglas, Marlis; English, Jeff; Failing, Lee; Fairley, Helen; Fisher, Larry; Foster, Dave; Fritzinger, Carol; Fulp, Terry; Garrett, L. David; Gonzales, Andrea; Hamburg, Stacey; Hamill, John; Hamilton, Lynn; Harkins, Jayne; Harris, Christopher; Henderson, Norm; Hendrix, Doug; Hower, Jonne; Hutchinson, Levi; Hyde, Pamela; Jacobs, Jeffrey W.; Johnson, Rick; Kaplinski, Matt; Kelleher, Jayne; Kincaid, Chris; King, Robert; Kite, John; Knowles, Glen W.; Kohl, Keith; LaGory, Kirk E.; Lane, Harry; Leap, Lisa; Lee, Leona; Lyons, Christian; Magnussen, Steve; Mankiller, Serena; Mankowski, Bob; McMillin, Joel; McMullen, Ken; Melis, Ted; Noble, Sean; O'Brien, John; Orton, Mary; Ostapuk, Paul; Ostler, Don; Palmer, Clayton; Persons, Bill; Peterson, Randall; Plummer, Bill; Reger, Scott; Riley, Larry; Rogers, Roland; Ryan, Tom; Schoblom, Sara; Sisk, Tom; Skrzynski, LeAnn; Sponholtz, Pam; Steffen, Tim; Treacy, Brian; Vecerina, Laura; Vernieu, Bill; Wechsler, Jim; Wegner, Dave; Weisheit, John; Westcoat, Jr., James; Wirth, Barry; Yeatts, Michael

From: <jhamill@usgs.gov>
To: "Linda Whetton" <LWHETTON@uc.usbr.gov>
Date: 8/16/2007 11:11:29 AM
Subject: Re: AMWG Meeting Packets & Other Requested Information

Good Morning:

Following are GCMRC comments on the GCMRC FY 08 Work Plan that was recommended by the TWG and included in the AMWG meeting packet mailed to you by Linda Whetton:

Since the last TWG meeting, GCMRC has been working with WAPA to refine the work plan entitled: Impacts of Various Flow Regimes on the Aquatic Food Base (see page 54 of the work plan). We have revised workplan (attached) and believe it represents an improvement over the version that was reviewed and approved by the TWG. The TWG approved an earlier version of this work plan with the understanding that WAPA would work with GCMRC to refine the work plan to make sure it is consistent with and complementary to the existing food base research project. The only outstanding task that remains to be completed is to define the specific flow regimes that will be tested as part of the project--we expect to complete that task by Oct 1. The cost of the revised work plan is \$17.2K higher than the version approved by the TWG--this difference could be funded out of the experimental Fund or possibly from GCRMC's FY 07 carryover. In any event, the additional funding for the project should be manageable within the overall \$8M research budget. I have forwarded the revised work plan to the TWG for their review and comment. I will report on the results of that review at the AMWG meeting.

The second change I would like to propose relates to the FY 08 Science symposium (see page 213 of the work plan). The proposal described in the work plan is to explore a possible Colorado River basin wide science/ management symposium that would include reports from the Upper Basin RIP, the San Juan RIP, the Lower Basin MSCP, and the GCDAMP. I have concluded that there is not adequate time to properly organize and plan a basin wide event in 2008. Consequently I am now proposing that we hold a 2-day GCMRC science symposium that focuses on the "AMWG's 5 priority questions: what we have learned and where should we go next." The AMWG's 5 priority questions include:

- AMWG Priority 1: Why are the humpback chub (HBC) not thriving, and what can we do about it? How many humpback chub are there and how are they doing?
- AMWG Priority 2: Which cultural resources, including Traditional Cultural Properties (TCPs), are within the Area of Potential Effect (APE), which should we treat, and how do we best protect them? What are the status and trends of cultural resources and what are the agents of deterioration?
- AMWG Priority 3: What is the best flow regime?
- AMWG Priority 4: What is the impact of sediment loss and what should we do about it?
- AMWG Priority 5: What will happen when a Temperature Control Device (TCD) is tested or implemented? How should it be operated? Are safeguards needed for management?

The event would be held at the South Rim of the Grand Canyon on February 26-27, 2008. The cost for the symposium has not changed from what is included in the work plan (\$29,750)

I still intend to pursue the basin wide symposium for the winter of 2009.

Thank you for considering these changes

John Hamill, Chief
Grand Canyon Monitoring and Research Center
U. S. Geological Survey
2255 N Gemini Dr. MS 9394
Flagstaff, AZ 86001
voice: 928-556-7364
fax: 928-556-7092
cell: 928-607-5253

"Linda Whetton" <LWHETTON@uc.usbr.gov>
07/31/2007 03:50 PM

To

"Larry Stevens" <farvana@aol.com>, "Bob Broscheid" <bbroscheid@azgfd.gov>, "Bill Werner" <bwerner@azwater.gov>, "Gerald Zimmerman" <gzimmerman@crb.ca.gov>, "Phillip Lehr" <plehr@crc.nv.gov>, "Loretta Jackson Kelly" <lorjac@frontiernet.net>, "Sam Spiller" <Sam_Spiller@fws.gov>, "Nikolai Ramsey" <nramsey@grandcanyontrust.org>, "Leigh Kuwanwisiwma" <LKuwanwisiwma@hopi.nsn.us>, "Andre Potochnik" <arp4@infomagic.net>, "Mark Steffen" <steffentlyrod@lycos.com>, "Steve Martin" <steve_p_martin@nps.gov>, "Leslie James" <creda@qwest.net>, "Charley Bullets" <kptspai@scinternet.net>, "John Shields" <jshiel@seo.wyo.gov>, "Jay Groseclose" <jay.groseclose@state.nm.us>, "Ted Rampton" <tedr@uamps.com>, "David Sabo" <DSABO@uc.usbr.gov>, "Rick Gold" <RGOLD@uc.usbr.gov>, "Dennis Strong" <dennisstrong@utah.gov>, "Brad Warren" <WARREN@wapa.gov>, "Steven Begay" <navajodeputy@yahoo.com>

cc

"Clifford Barrett" <cibarr@attglobal.net>, "Bill Persons" <bpersons@azgfd.gov>, "Kurt Dongoske" <kdongoske@cableone.net>, "LeAnn Skrzynski" <kptenv@color-country.net>, "Christopher Harris" <csharris@crb.ca.gov>, "Leona Lee" <LLee@gf.state.az.us>, "Jonathan Damp" <jedamp@hotmail.com>, "Lynn Hamilton" <gcrq@infomagic.net>, "Tim Steffen" <tsteffen@infomagic.net>, "Jason Alberts" <Jason_Alberts@ios.doi.gov>, "Tara Conrad" <tara_conrad@ios.doi.gov>, "Mary Orton" <mary@maryorton.com>, "Michael Yeatts" <michael.yeatts@nau.edu>, "John O'Brien" <johnob@npgcable.com>, "Rick Johnson" <richard.johnson@npgcable.com>, "Janet Balsom" <Jan_Balsom@nps.gov>, "Norm Henderson" <norm_henderson@nps.gov>, "Sara Schoblom" <sara_schoblom@nps.gov>, "L. David Garrett" <m3research@starband.net>, "Dena Crist" <dena.crist@state.co.us>, "Randy Seaholm" <randy.seaholm@state.co.us>, "Dennis Kubly" <DKUBLY@uc.usbr.gov>, "Don Ostler" <DOSTLER@uc.usbr.gov>, "Heather Patno" <HPATNO@uc.usbr.gov>, "Jayne Kelleher" <JKELLEHER@uc.usbr.gov>, "Karen Daly" <KDALY@uc.usbr.gov>, "Levi Hutchinson" <LHUTCHINSON@uc.usbr.gov>, "Randall Peterson" <RPETERSON.4ucro@uc.usbr.gov>, "Tom Ryan" <TRYAN@uc.usbr.gov>, "Brenda Burman" <BBURMAN@usbr.gov>, "Jonne Hower" <JHOWER@usbr.gov>, "Andrea Alpine" <aealpine@usgs.gov>, "Chris Beard" <cbeard@usgs.gov>, "Helen Fairley" <hfairley@usgs.gov>, "John Hamill" <jhamill@usgs.gov>, "John Kite" <jkite@usgs.gov>, "Matthew Andersen" <mandersen@usgs.gov>, "Nora Bryant" <nbryant@usgs.gov>, "Serena Mankiller" <smankiller@usgs.gov>, "Ted Melis" <tmelis@usgs.gov>, "Robert King" <robertking@utah.gov>, "Mary Barger" <barger@wapa.gov>, "Clayton Palmer" <cspalmer@wapa.gov>

Subject: AMWG Meeting Packets & Other Requested Information

**** High Priority ****

"In order to be able to approve a recommendation regarding the FY08 hydrograph, budget, and workplan in the time allotted during the August meeting, the Secretary's Designee requests that AMWG members do the following:

"First, please discuss in detail with your TWG member the FY08 hydrograph, budget, and workplan that was accepted by TWG for recommendation to the AMWG. The budget issues that were addressed in detail at the TWG level should not need to be addressed in detail again at the AMWG level.

"AMWG members who still have questions about the proposed FY08 hydrograph, budget, or workplan after discussion with their TWG members, should send their questions to BOR and/or GCMRC well in advance of the meeting.

"Most importantly, if you plan to propose a change to the TWG-recommended FY08 hydrograph, budget, or workplan, please send it to Linda Whetton (lwhetton@uc.usbr.gov) and Mary Orton (mary@maryorton.com) by close of business on Wednesday, August 15, 2007. The proposed changes, if any, will be distributed to the full group in advance, and this due date is based on the time needed to post or distribute an aggregated list.

"Proposed changes sent in by the deadline will be addressed first during the meeting, before other changes that might be proposed at the meeting. If your proposed change would increase the budget, please identify which line in the budget would be reduced to accommodate this increase.

"Finally, the Secretary's Designee also requests that you discuss the TWG-approved Monitoring and Research Plan with your TWG member, and likewise send any proposed changes to Linda Whetton (lwhetton@uc.usbr.gov) and Mary Orton (mary@maryorton.com) by close of business on Wednesday, August 15, 2007. Proposed changes should be on THE REVISED PORTIONS OF THE PLAN ONLY, as

AMWG considered the rest of the plan in December. These proposed changes will also be distributed to the full group in advance."

Attached is an agenda for your information. Meeting packets will be mailed to the members via overnight mail on Wednesday, August 1, 2007. If you would like a packet mailed to you or want to pick one up just prior to the meeting, please respond to this message.

Thank you.

cc: Amy Heuslein / Garry Cantley (via fax @ 602-379-3833)

From: Linda Whetton
To: Begay, Steven; Broscheid, Bob; Bulletts, Charley; Gold, Rick; Groseclose, Jay; Jackson Kelly, Loretta; James, Leslie; Kuwanwisiwma, Leigh; Lehr, Phillip; Martin, Steve; Potochnik, Andre; Rampton, Ted; Ramsey, Nikolai; Sabo, David; Seaholm, Randolph; Shields, John; Spiller, Sam; Steffen, Mark; Stevens, Larry; Strong, Dennis; Warren, Brad; Werner, Bill; Zimmerman, Gerald
Date: 8/16/2007 9:38:14 AM
Subject: AMWG Proposed Budget and MRP Changes

In response to my e-mail message dated July 31 requesting any additional proposed changes to the FY08 hydrograph, budget, or workplan, be sent to Mary Orton or myself by August 15, Mary asked me to forward the following information and attachments to you. The documents will be posted to the website later this morning and copies provided at the meeting.

From: "Mary Orton" <mary@maryorton.com>
To: "Linda Whetton" <LWHETTON@uc.usbr.gov>
Date: 8/15/2007 7:04:27 PM
Subject: Message to AMWG

Many thanks to all of you who have reviewed the proposed FY08 budget-workplan-hydrograph, and the latest draft Monitoring and Research Plan (MRP), and responded to the Secretary's Designee's request to send in any suggested changes by COB yesterday.

Attached please find two short documents that include proposed changes, as follows:

1. A proposed change in the hydrograph from Nikolai Ramsey of Grand Canyon Trust <Ramsey hydrograph FY08.doc>.
2. Proposed changes to the MRP from Leslie James from CREDA <James MRP.doc>

In addition, Leslie asked that her comments on the BHBF Science Plan Update be made available to you. These are in the attached file <James BHBF Science Plan.doc>.

cc: Amy Heuslein / Garry Cantley (via fax @ 602-379-3833)

CC: Alberts, Jason; Alpine, Andrea; Balsom, Janet; Barger, Mary; Barrett, Clifford; Beard, Chris; Burman, Brenda; Christensen, Kerry; Conrad, Tara; Damp, Jonathan; Davis, William E.; Dongoske, Kurt; Fairley, Helen; Garrett, L. David; Hamburg, Stacey; Hamill, John; Hamilton, Lynn; Harris, Christopher; Henderson, Norm; Hower, Jonne; Johnson, Rick; Kelleher, Jayne; King, Robert; Kite, John; Knowles, Glen W.; Kubly, Dennis; Lyons, Christian; mandersen@usgs.gov; McMullen, Ken; Melis, Ted; nbryant@usgs.gov; O'Brien, John; O'Brien, John; Orton, Mary; Ostler, Don; Palmer, S. Clayton; Patno, Heather; Persons, Bill; Peterson, Randall; Ryan, Tom; Schoblom, Sara; Seaholm, Randy; Skrzynski, LeAnn; smankiller; Steffen, Tim; Yeatts, Michael

Grand Canyon Trust – 2008 Hydrograph

The Grand Canyon Trust disagrees with the TWG recommendation to implement Modified Low Fluctuating Flows (MLFF) in Water Year 2008. Instead, we recommend testing Seasonally-Adjusted Steady Flows (SASF) beginning in WY 2008 as required by the 1994 Biological Opinion on the operation of Glen Canyon Dam.

Reclamation is required to test the efficacy of SASF for removing jeopardy to humpback chub. The Biological Opinion found that the selected alternative in the 1996 Record of Decision (*i.e.*, MLFF) is, "likely to jeopardize the continued existence of the humpback chub and razorback sucker and is likely to destroy or adversely modify designated critical habitat."

Element 1 of the Reasonable and Prudent Alternative (RPA) states, "Attainment of riverine conditions that support all life stages of endangered and native fish species is essential to the Colorado River ecosystem." Element 1A requires that, "A program of experimental flows will be carried out to include high steady flows in the spring and low steady flows in summer and fall during low water years (releases of approximately 8.23 maf) to verify an effective flow regime and to quantify, to the extent possible, effects on endangered and native fish. Studies of high steady flows in the spring may include studies of habitat building and habitat maintenance flows. Research design and hypotheses to be tested will be based on a flow pattern that resembles the natural hydrograph, as described for those seasons in the SASF." Although 8.23 maf annual releases have happened for seven consecutive years (2001-2007), Reclamation continues to violate this provision of the RPA by not testing SASF.

Since 2002, Reclamation has been required to implement an SASF hydrograph every year with an 8.23 maf annual release. The RPA states, "If the Service believes there is not sufficient progress, Glen Canyon Dam would be operated as SASF flows during spring through fall (April to October)..." Although the Service determined in 2002 that sufficient progress was not being made, Reclamation continues to violate this provision of the RPA by not implementing SASF.

The 1995 EIS (USBR 1995) provides a hydrograph consistent with the requirements of the RPA (see Figure 1). In addition, a hydrograph (Valdez and others 2000) and a detailed science plan (Fritzing and others 2000) were developed for the 2000 Low Summer Steady Flow (LSSF) experiment. An updated hydrograph and science plan should be completed to reflect the most current scientific information regarding the effects of dam releases on humpback chub and its critical habitat.

The Trust does not believe there is a legitimate reason to further delay the testing of SASF. Some may argue that testing SASF should be delayed because the Long-Term Experimental Plan EIS (LTEP) is currently under development. However, the requirements of the 1994 RPA are in force until reconsultation occurs. Furthermore, several years may elapse before a Record of Decision is signed on the LTEP, and the results of the SASF would be valuable information for the Secretary to make an informed choice among the alternatives.

It is likely that WY2008 will be yet another 8.23 maf release year. We expect that the legal requirement to test SASF will not be ignored.

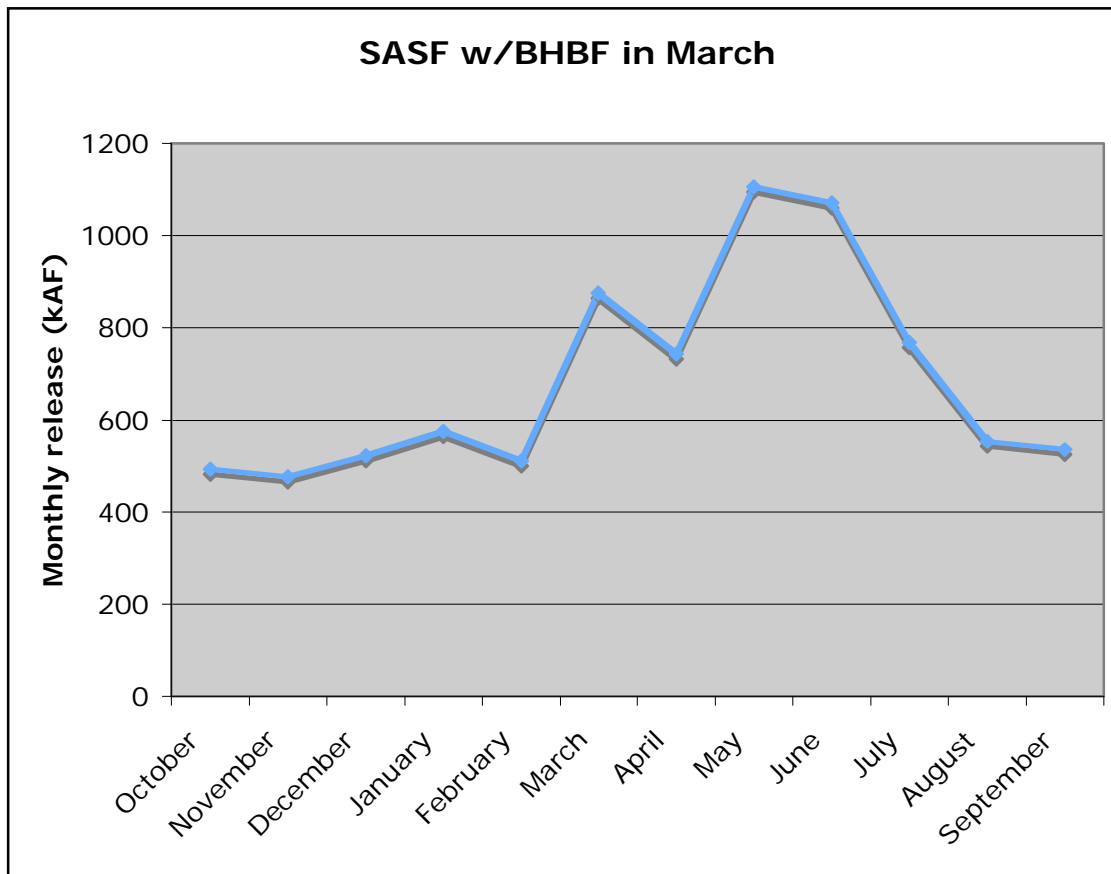


Figure 1. Monthly volumes from 1995 EIS. 200 kAF of water moved from January and February to accommodate a BHBF in March.

Literature cited

Fritzing, C. and others. 2000. A science plan for WY 2000 Low Summer Steady Flows. Report dated 27 March 2000. 71 pages.

USBR. 1995. Operation of Glen Canyon Dam. Final Environmental Impact Statement. 337 + attachments pages.

Valdez, R. A. and others. 2000. A program of experimental flows for endangered and native fishes of the Colorado River in Grand Canyon. Report dated 31 December 2000. 56 pages.

COMMENTS ON THE MONITORING AND RESEARCH PLAN FROM LESLIE JAMES OF CREDA:

Although the instructions say that we can comment ONLY on changed language, I request that when this report is updated, the following changes/corrections be made:

- a) Page 9: "In the FY '07-2011 period, GCMRC anticipates two additional BHBF tests." This should be removed based on ongoing work on the BHBF and the LTEP.
- b) Page 52: The section on replication of the 2004 BHBF does not appear to be consistent with the most recent draft of the BHBF Science Plan and ongoing comments thereon.

COMMENTS ON THE BHBF SCIENCE PLAN FROM LESLIE JAMES OF CREDA:

- a) Page 8, Issue 8: This section indicates that trade-off analysis should be done regarding "potential resource benefits AND SOCIETAL VALUE derived from conducting the experiment." I don't believe there has been any societal value assessed and this reference should be removed.
- b) Table A.1: This table intends to lay out pros and cons associated with a BHBF. Throughout the table, however, the term "probable" is included as a "pro." We have commented in the past on GCMRC work products that speculative results/hypotheses should be clearly identified as just that – not as "fact" – and would recommend the "probable" statements be moved into the "Uncertain" category.
- c) A question: Why is "shifts emphasis from solely monitoring to EXP research learning activities in a given year" a "pro"?
- d) Another question: Why "Already have abundant data on export of sand under MLFF, hence little new learning would occur" a "con"? The program should emphasize resource enhancement and if learning occurs, fine, but it should not be the primary purpose.
- e) Table A.2: Why isn't hydropower listed as an "other priority issue"? It certainly is listed in the motion by the AMWG to forward LTEP alternatives options to the Secretary.
- f) Table A.3: "Potentially" is listed as a "con" – see comment above – it should be an unknown if that is what it is.
- g) Page 14, 2nd comment: It seems a logical step would be for the AMWG to address the policy issues PRIOR to finalization of the BHBF Science Plan, as opposed to policy issues being addressed "after which GCMRC will modify the science plan according to these policy directions." I would therefore request the AMWG include in its discussions "next steps" regarding addressing these policy issues.

From: Linda Whetton

To: Begay, Steven; Broscheid, Bob; Bulletts, Charley; Burman, Brenda; Gold, Rick; Groseclose, Jay; Jackson Kelly, Loretta; James, Leslie; Kuwanwisiwma, Leigh; Lehr, Phillip; Martin, Steve; Orton, Mary; Potochnik, Andre; Rampton, Ted; Ramsey, Nikolai; Sabo, David; Seaholm, Randy; Shields, John; Spiller, Sam; Steffen, Mark; Stevens, Larry; Strong, Dennis; Warren, Brad; Werner, Bill; Zimmerman, Gerald

Date: 8/21/2007 9:33:58 AM

Subject: AMWG Meeting Materials

Attached are the following documents:

1. Revised agenda for the AMWG Meeting, August 29-30, 2007
2. GCMRC's FY07 Expenditures for the first three quarters of FY07 (thru June 30, 2007). Note: Reclamation provided their mid-year reporting (thru March 30, 2007) in your meeting package. Both documents have been posted to the AMP meeting page and copies will be provided at the meeting. The link to all the meeting documents is at the end of this message.

USGS HOSTED LUNCH ON Wednesday, August 29:

Please let Nora Bryant (nbryant@usgs.gov or 928-556-7217) know by **NOON Thursday, August 23**, if you plan on purchasing lunch on the first day (Aug 29) of the AMWG meeting. The USGS is catering an informal lunch as an opportunity for members to meet and mingle with Ms. Brenda Burman, the new Secretary's Designee. The cost will be \$10 per person (payable in cash at the time of the lunch) and will include the following items: Sandwich fixings (3 choices of meats and cheeses, condiments, lettuce, pickles, etc), green salad & dressings, potato salad, variety of chips, fruit salad and/or cake, fresh fruit bowl, sodas/water.

Additional time has been allowed on the agenda for the second day of the meeting for those individuals who wish to go out for lunch. GCMRC will be providing a list of nearby restaurants along with directions at the meeting.

cc: Amy Heuslein / Garry Cantley (via fax @ 602-379-3833)

<http://www.usbr.gov/uc/rm/amp/amwg/mtgs/07aug29/index.html>

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Date: 7/31/2007 4:50:05 PM
Subject: AMWG Meeting Packets & Other Requested Information

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To: Begay, Steven; Broscheid, Bob; Bullets, Charley; Gold, Rick; Groseclose, Jay; Jackson Kelly, Loretta; James, Leslie; Kucate, Arden; Kuharich, Rod; Kuwanwisiwma, Leigh; Lehr, Phillip; Limbaugh, Mark; Martin, Steve; Orton, Mary; Potochnik, Andre; Rampton, Ted; Ramsey, Nikolai; Sabo, David; Shields, John; Spiller, Sam; Steffen, Mark; Stevens, Larry; Strong, Dennis; Warren, Brad; Werner, Bill; Zimmerman, Gerald
Date: 7/9/2007 1:46:44 PM
Subject: Upcoming AMWG Meeting -> August 29-30, 2007

Mr. Limbaugh asked that I send the following message.

The Glen Canyon Dam Adaptive Management Work Group will hold its next meeting in the Phoenix, Arizona, metropolitan area on August 29-30, 2007.

Dates: Wed., August 29 (9:30 a.m. - 5 p.m.)
Thu., August 30 (8 a.m. - 4 p.m.)

If you have any suggestions for items for the AMWG agenda, please send them to Dennis Kubly(dkubly@uc.usbr.gov) by close of business Wednesday, July 13, 2007.

In our May 22 AMWG call, Randy Peterson and the Roles Ad Hoc Group asked for comments on the draft Roles report by June 29, and we discussed the potential of having an AMP Effectiveness Workshop during this fiscal year to discuss next steps and potential implementation of the report's recommendations. Since that time, we have received some comments on the report as well as requests for additional time to review. Accordingly, Randy and the Ad Hoc Group have extended the time for comments to July 31, 2007.

In addition, Secretary's Designee Mark Limbaugh has asked that we build in a half-day at the next AMWG meeting for full consideration of the draft report to ensure that each of the AMWG members has an opportunity to not only provide their written comments, but to also engage in a roundtable discussion of the content of the report and its suggested approaches.

After revisiting our schedule, we concluded that it would be preferable for all AMWG members to have the opportunity to fully consider the committee's report and discuss the draft report prior to convening a workshop on the issues raised in the draft report. Accordingly, we'll defer the scheduling of the AMP Effectiveness Workshop at this time and instead build in ample time on the August agenda to have full discussion on this topic. This approach would hopefully allow a consensus to develop at the August meeting regarding next steps for the potential finalization of the content of the report, as well as setting up further meetings/workshops to facilitate implementation of the final report. We would hope that all AMWG members take the time to carefully consider the detailed report in light of the hard work of the Ad Hoc Committee to produce the draft for your consideration.

Thank you.

cc: Amy Heuslein / Garry Cantley (via fax at 602-379-3833)

CC: Alberts, Jason; Alpine, Andrea; Andersen, Matthew; Balsom, Janet; Barger, Mary; Barrett, Clifford; Beard, Chris; Burman, Brenda; Conrad, Tara; Crist, Dena; Daly, Karen; Dongoske, Kurt; Fairley, Helen; Garrett, L. David; Hamill, John; Harris, Christopher; Hower, Jonne; Hutchinson, Levi; Johnson, Rick; Kelleher, Jayne; King, Robert; Kubly, Dennis; Lee, Leona; Mankiller, Serena; Melis, Ted; O'Brien, John; Ostler, Don; Palmer, Clayton; Persons, Bill; Peterson, Randall; Ryan, Tom; Schoblom, Sara; Seaholm, Randy; Skrzynski, LeAnn; Steffen, Tim; Yeatts, Michael

From: Linda Whetton
To: Begay, Steven; Bullets, Charley; Burman, Brenda; Gold, Rick; Groseclose, Jay; Jackson Kelly, Loretta; James, Leslie; Kucate, Arden; Kuharich, Rod; Kuwanwisiwma, Leigh; Lehr, Phillip; Limbaugh, Mark; Martin, Steve; Orton, Mary; Potochnik, Andre; Rampton, Ted; Ramsey, Nikolai; Sabo, David; Shields, John; Spiller, Sam; Steffen, Mark; Stevens, Larry; Strong, Dennis; Warren, Brad; Werner, Bill; Zimmerman, Gerald
Date: 7/13/2007 12:37:50 PM
Subject: Next AMWG Meeting -> Note: CORRECTED DATES

The next meeting of the Glen Canyon Dam Adaptive Management Work Group (AMWG) will be held:

Date: Wednesday, August 29 (9:30 - 5 p.m.)
Thursday, August 30 (8 a.m. - 4 p.m.)

Location:

U.S. Geological Survey
2255 N. Gemini Drive, Building 3 main conference room
Flagstaff, AZ 86001. Our phone is
Phone: 928-556-7094
Fax: 928-556-7092.

DIRECTIONS to/from Sky Harbor Airport and to/from hotel to GCMRC will be provided at a later date along with parking and shuttle details. I'm trying to coordinate on how people who live in Phoenix can carpool to Flagstaff and those flying into Phoenix can buddy up in rental cars and/or have USFWS pick them up and transport to Flagstaff (Sam volunteered to do so.)

HOTEL ROOM BLOCK:

Little America Hotel
2515 East Butler Avenue
Flagstaff, AZ 86004
Reservation Code: AMWG
Reservation Phone: 1-800-352-4386 (Use this # for reservations)
The block has been set up for Aug. 28 & 29, checking out Aug. 30
Rate is \$81 + tax
Cut-off date is Tuesday, August 7 (BOOK EARLY TO GET THE GOVT RATE)

NOTE: The hotel's regular rate is about \$149 so if people are staying over an extra night they might not get the federal rate because the hotel has another conference group coming in. If we are to get the govt rate, we have to extend the block through that next day and block a MINIMUM of 10 rooms. If you are planning to stay the extra night, please let me know AS SOON AS POSSIBLE.

MEETING PACKETS will be sent to all AMWG members via overnight mail on Monday, July 30. If you are interested in receiving a packet, please contact me as soon as possible as there will be limited packets available at the meeting. The documents will also be posted to GCDAMP website at a later date and that URL will be sent to you.

Attached is an agenda for your information.

Thanks to Andrea Alpine for volunteering to host this meeting and to Serena Mankiller for securing the hotel room block.

cc: Amy Heuslein / Garry Cantley (via fax @ 602-379-3833)

CC: Alberts, Jason; Alpine, Andrea; Balsom, Janet; Barger, Mary; Barrett, Clifford; Beard, Chris; Broscheid, Bob; Bryant, Nora; Conrad, Tara; Crist, Dena; Daly, Karen; Dongoske, Kurt; Fairley, Helen; Garrett, L. David; Hamill, John; Hamilton, Lynn; Harris, Christopher; Hower, Jonne; Hutchinson, Levi; Johnson, Rick; Kelleher, Jayne; King, Robert; Kite, John; Lee, Leona; Mankiller, Serena; Melis, Ted; O'Brien, John; Ostler, Don; Palmer, Clayton; Persons, Bill; Peterson, Randall; Ryan, Tom; Schoblom, Sara; Seaholm, Randy; Skrzynski, LeAnn; Steffen, Tim; Yeatts, Michael

From: Linda Whetton
To: Begay, Steven; Broscheid, Bob; Bulletts, Charley; Burman, Brenda; Damp, Jonathan; Jackson Kelly, Loretta; James, Leslie; Kuwanwisiwma, Leigh; Lehr, Phillip; Martin, Steve; Orton, Mary; Potochnik, Andre; Rampton, Ted; Ramsey, Nikolai; Sabo, David; Seaholm, Randy; Shields, John; Spiller, Sam; Steffen, Mark; Stevens, Larry; Strong, Dennis; Warren, Brad; Werner, Bill; Zimmerman, Gerald
Date: 8/22/2007 3:40:59 PM
Subject: IMPORTANT INFO: AMWG Meeting Moved to NAU

This is to let you know the Glen Canyon Dam Adaptive Management Work Group Meeting WILL NOT BE HELD AT THE U.S. Geological Survey location but is being moved to the duBois Conference on the Northern Arizona University (NAU) campus. The USGS is currently in a lockdown situation due to security reasons and holding a meeting at GCMRC would be very difficult at this time. The meeting will be held at the:

duBois Conference Center
306 E. Pine Knoll Dr.
Conference Center -> Ballroom

I've attached the link to the NAU web page which has driving directions and a map at the bottom of this message. There will be "AMWG" meeting signs posted directing you to Bldg. #64.

The meeting times will be the same:

Wed., August 29 (9:30 a.m. - 5:30 p.m.)
Thu., August 30 (8 a.m. - 4 p.m.)

LUNCH PLANS:

Because there is a cafeteria on site, GCMRC will not be doing a catered lunch. NOTE: IF YOU CHOOSE TO EAT IN THE CAFETERIA, YOU WILL HAVE TO PAY WITH CASH. GCMRC will be furnishing coffee, danish, and juices in the morning and cookies/sodas/water in the afternoon. GCMRC will also be providing a list and directions to nearby restaurants in case you prefer to have lunch off campus.

EVENING BARBECUE:

GCMRC is going to host a barbecue (5:30-7:30 p.m.) on August 29 (steaks, chicken, etc.) for the AMWG/TWG members to meet and mingle with Ms. Brenda Burman. This will be held at Thorpe Park. Directions will be provided at the meeting.

PARKING PASSES:

Parking passes will be available at Little America. Nora Bryant will also have some available at the meeting but you will need to get one from her and then go put it on your car.

cc: Amy Heuslein / Garry Cantley (via fax @ 602-379-3833)

<http://www.nau.edu/dubois/duboismap.htm#map>

CC: Alberts, Jason; Alpine, Andrea; Andersen, Matthew; Balsom, Janet; Barger, Mary; Barrett, Clifford; Beard, Chris; Bryant, Nora; Christensen, Kerry; Conrad, Tara; Davis, William E.; Dongoske, Kurt; Fairley, Helen; Garrett, L. David; Gold, Rick; Groseclose, Jay; Hamburg, Stacey; Hamill, John; Hamilton, Lynn; Harris, Christopher; Henderson, Norm; Hendrix, Doug; Hower, Jonne; Johnson, Rick; Kelleher, Jayne; King, Robert; Kite, John; Knowles, Glen W.; Kubly, Dennis; Lee, Leona; Lyons, Christian; Mankiller, Serena; McMullen, Ken; Melis, Ted; Miller, Anthony; O'Brien, John; Ostler, Don; Palmer, Clayton; Patno, Heather; Persons, Bill; Peterson, Randall; Ryan, Tom; Steffen, Tim; Yeatts, Michael

From: "Mary Orton" <mary@maryorton.com>
To: "Linda Whetton" <LWHETTON@uc.usbr.gov>, "Larry Stevens" <farvana@aol.com>, "Bob Broscheid" <bbroscheid@azgfd.gov>, "Bill Werner" <bwerner@azwater.gov>, "Kurt Dongoske" <kdongoske@cableone.net>, "Gerald Zimmerman" <gzimmerman@crb.ca.gov>, "Phillip Lehr" <plehr@crc.nv.gov>, "Loretta Jackson Kelly" <lorjac@frontiernet.net>, "Sam Spiller" <Sam_Spiller@fws.gov>, "Nikolai Ramsey" <nramsey@grandcanyontrust.org>, "Leigh Kuwanwisiwma" <LKuwanwisiwma@hopi.nsn.us>, "Andre Potochnik" <arp4@infomagic.net>, "Mark Steffen" <steffenflyrod@lycos.com>, "Norm Henderson" <norm_henderson@nps.gov>, "Steve Martin" <steve_p_martin@nps.gov>, "Leslie James" <creda@qwest.net>, "Charley Bullets" <kptspai@scinternet.net>, "John Shields" <jshiel@seo.wyo.gov>, "Randy Seaholm" <Randy.Seaholm@state.co.us>, "Jay Groseclose" <jay.groseclose@state.nm.us>, "Ted Rampton" <tedr@uamps.com>, "David Sabo" <DSABO.4ucro.ibr4dm10@uc.usbr.gov>, "Rick Gold" <RGOLD.4ucro.ibr4dm10@uc.usbr.gov>, "Brenda Burman" <BBURMAN.9wo.ibr9dm10@usbr.gov>, "Jonne Hower" <JHOWER.9wo.ibr9dm10@usbr.gov>, "Dennis Strong" <dennisstrong@utah.gov>, "Brad Warren" <WARREN@wapa.gov>, "Steven Begay" <navajodeputy@yahoo.com>
Date: 8/31/2007 2:56:16 PM
Subject: August AMWG meeting: Action Item, Motions, and Ad Hoc Group members

ACTION ITEM

There was one action item from the August 29-30, 2007 AMWG meeting: **Please send comments on the Roles Ad Hoc Group Report (attached) to Randy Peterson (rpeterson@uc.usbr.gov) by September 30, 2007.** The preferred format would be a narrative that explains the change you would like to see and the reasoning behind that change, so that the Ad Hoc Group can fully understand your preferences. If you have already commented, you do not need to re-submit your comments, unless you sent redline/strikeout comments and wish to amplify them with a narrative.

MOTIONS AND RESULTS

I have attached the list of motions and results from the meeting.

BHBF POLICY ISSUES AHG

Brenda Burman asked me to forward to you the list of members of the BHBF Policy Issues Ad Hoc Group, formed by a vote of the AMWG at the August 29-30, 2007 meeting. She approved everyone who requested to be part of the Ad Hoc Group:

Bob Broscheid, AGFD
Leslie James, CREDA
Phil Lehr, State of Nevada
Steve Martin, NPS
Clayton Palmer, WAPA
Ted Rampton, UAMPS
Nikolai Ramsey, Grand Canyon Trust
Sam Spiller, U.S. Fish and Wildlife Service
Larry Stevens, Grand Canyon Wildlands Council
Bill Werner, State of Arizona

Please let me know if you have any difficulties with these attachments. Thank you for a productive meeting!

Mary Orton
The Mary Orton Company, LLC
Mediation - Facilitation - Collaborative Problem Solving
2254 Morning Mesa
Henderson, NV 89052-2627
702.914-8066 voice
702.210-9642 cellular
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CC: "Clifford Barrett" <cibarre@attglobal.net>, "Bill Persons" <bpersons@azgfd.gov>, "Christopher Harris" <csharris@crb.ca.gov>, "Anthony Miller" <anthonymiller@crc.nv.gov>, "William E. Davis" <amp.bdavis@ecoplanaz.com>, "Glen W. Knowles" <glen_knowles@fws.gov>, "Leona Lee" <LLee@gf.state.az.us>, "Kelly Burke" <kelly@grandcanyonwildlands.org>, "Jonathan Damp" <jedamp@hotmail.com>, "Tim Steffen" <tsteffen@infomagic.net>, "Jason Alberts" <Jason_Alberts@ios.doi.gov>, "Tara Conrad" <tara_conrad@ios.doi.gov>, "LeAnn Skrzynski" <lkrzynski@kaibabpaiute-nsn.gov>, "Matt Kaplinski" <matt.kaplinski@nau.edu>, "Michael Yeatts" <michael.yeatts@nau.edu>, "John O'Brien" <johnob@npgcable.com>, "Rick Johnson" <richard.johnson@npgcable.com>, "Chris Kincaid" <Chris_Kincaid@nps.gov>, "Janet Balsom" <Jan_Balsom@nps.gov>, "Ken McMullen" <Ken_McMullen@nps.gov>, "Sara Schobblom" <sara_schobblom@nps.gov>, "Roland Rogers" <rogersagf@qwest.net>, "L. David Garrett" <m3research@starband.net>, "Christian Lyons" <Christian.Lyons@state.co.us>, "Dennis Kubly" <DKUBLY.4ucro.ibr4dm10@uc.usbr.gov>, "Don Ostler" <DOSTLER.4ucro.ibr4dm10@uc.usbr.gov>, "Heather Patno" <HPATNO.4ucro.ibr4dm10@uc.usbr.gov>, "Jayne Kelleher" <JKELLEHER.4ucro.ibr4dm10@uc.usbr.gov>, "Randall Peterson" <RPETERSON.4ucro.ibr4dm10@uc.usbr.gov>, "Tom Ryan" <TRYAN.4ucro.ibr4dm10@uc.usbr.gov>, "Helen Fairley" <hfairley@usgs.gov>, "John Hamill" <jhamill@usgs.gov>, "Matthew Andersen" <mandersen@usgs.gov>, "Nora Bryant" <nbryant@usgs.gov>, "Ted Melis" <tmelis@usgs.gov>, "Robert King" <robertking@utah.gov>, "Mary Barger" <barger@wapa.gov>, "Shane Capron" <capron@wapa.gov>, "Clayton Palmer" <cspalmer@wapa.gov>, "Kerry Christensen" <cuszhman@yahoo.com>

From: Linda Whetton

To: Begay, Steven; Broscheid, Bob; Bullets, Charley; Burman, Brenda; Caan, George; Groseclose, Jay; Jackson Kelly, Loretta; James, Leslie; Kuwanwisiwma, Leigh; Martin, Steve; Orton, Mary; Potochnik, Andre; Rampton, Ted; Ramsey, Nikolai; Sabo, David; Seaholm, Randolph; Shields, John; Spiller, Sam; Steffen, Mark; Stevens, Larry; Strong, Dennis; Warren, Brad; Werner, Bill; Zimmerman, Gerald

Date: 1/15/2008 11:10:47 AM

Subject: DOI Response Letter

Ms. Brenda Burman requested the attached memorandum be distributed to all AMWG and TWG members/alternates. This is the Department's response to the AMWG recommendations made at the August 29-30, 2007, meeting.

cc: Amy Heuslein / Garry Cantley (via fax @ 602-379-3833)

CC: Alpine, Andrea; Balsom, Janet; Barger, Mary; Barrett, Clifford; Barrett, Clifford; Beard, Chris; Burke, Kelly; Capron, Shane; Christensen, Kerry; Cutler, Christopher; Damp, Jonathan; Davis, William E.; Dongoske, Kurt; English, Jeff; Fairley, Helen; Garrett, L. David; Hamill, John; Harris, Christopher; Henderson, Norm; Hower, Jonne; Johnson, Rick; Kaplinski, Matt; Kincaid, Chris; King, Robert; Kite, John; Knowles, Glen W.; Kubly, Dennis; mandersen@usgs.gov; McMullen, Ken; Melis, Ted; Miller, Anthony; nbryant@usgs.gov; O'Brien, John; Ostler, Don; Palmer, S. Clayton; Persons, Bill; Peterson, Randall; Rogers, Roland; Skrzynski, LeAnn; smankiller; Steffen, Tim; Yeatts, Michael