

July 19, 2007

MANAGEMENT COMMITTEE MEETING SUMMARY

July 11-12, 2007

Center of Craig, 601 Yampa Avenue

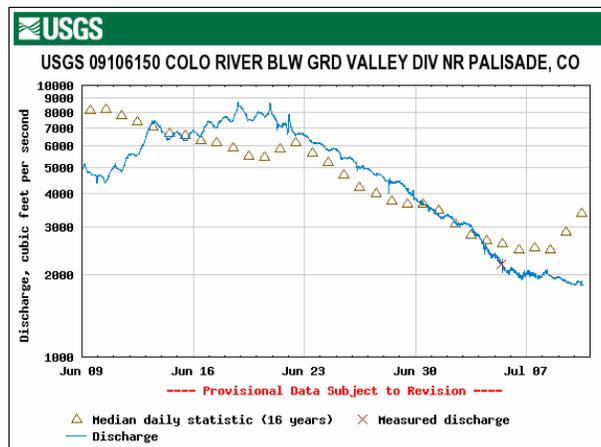
Wednesday, July 11

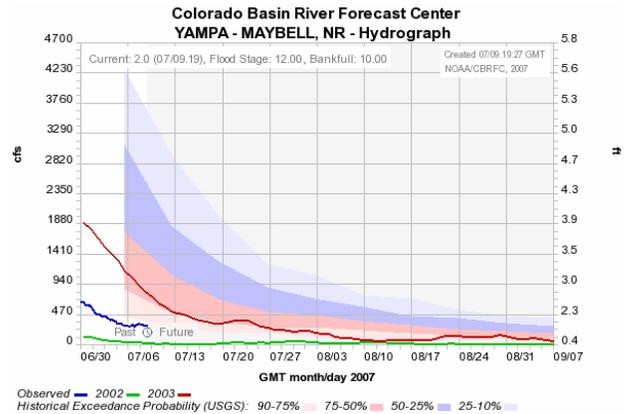
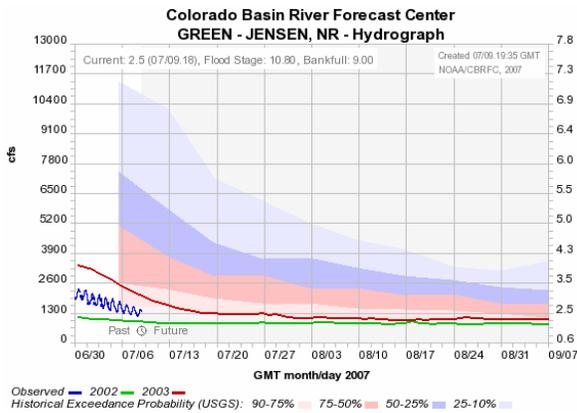
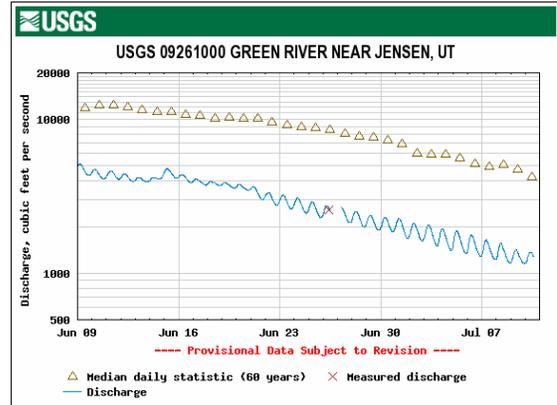
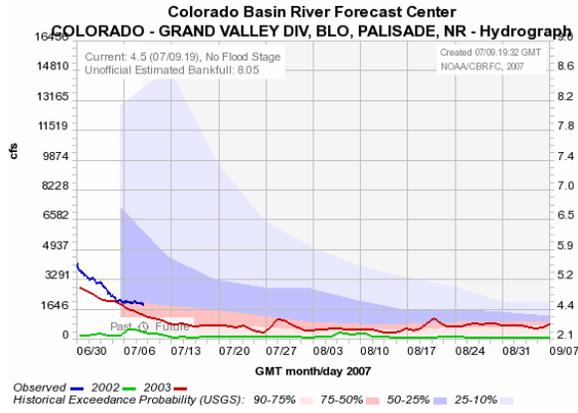
CONVENE: 1:00 p.m.

1. Introductions, review/modify agenda and time allocations, and appoint a timekeeper - The agenda was revised as it appears below. Carol Taylor presented Bob Muth with his 10-year Service pin and certificate.
2. Approve April 5, 2007 meeting summary and review assignments – Approved as written.
3. Review of 2007 spring peak flows and projections/management for summer-fall base flows – George Smith reviewed hydrology so far this year (see graphs). Coordinated reservoir operations weren't possible this year because target flows were not reached; however, some releases were made from Green Mountain and Wolford reservoirs and the process was all set up and working. All the reservoirs filled later, and many spilled toward the end of June. We have ~37KAF of water available to augment late summer-fall flows in the 15-Mile Reach. The target at this point is 810 cfs. Flows in the 15-Mile Reach are currently dropping:

Brent commented that because the Palisade gage has a short period of record, flows are further behind than the Palisade graph shows. George said the Yampa also has begun to drop and anticipates needing to augment flows later this year. Dan Birch said conditions seem similar to 2002 at this point. On the Green River, flows at Jensen have been dropping steadily. Flaming Gorge will be releasing ~825 cfs, with a low-end target of ~93 cfs from the Yampa, flows at Jensen will be fairly low (~1,000 cfs).

The 60-day forecast for the Palisade gage looks better than the forecast for the Yampa. Brent said the river is holding up better than he anticipated, likely due to holdover soil moisture from the monsoonal precipitation.





SOURCES OF WATER FOR THE 15-MILE REACH FLOW AUGMENTATION (acre-feet)

Year	Ruedi	Wolford Mtn.	Williams Fork	Green Mountain
2,000	20,269	11,412	3,857	10,000
2,001	20,825	8,490	4,871	33,578
2,002	15,825	0	3,788	0
2,003	20,825	0	3,757	47,526
2,004	13,825	0	3,788	0
2,005	17,163	1,000	3,814	31,200
2,006	18,284	9,580	4,871	22,822
Average	18,145	4,355	4,107	20,732

2007 WATER AVAILABLE FOR FISH FLOW AUGMENTATION

Ruedi	20,825
Wolford	11,412
Williams Fork	5,412
Green Mountain	? Average has been @ 20,700

TOTAL 37,649

George said the National Weather Service has forecast at least some short-term moderation of the current heating cycle.

- a. Elkhead Reservoir releases – Dan Birch said they’re looking forward to the festivities at Elkhead this afternoon and evening. Although the Program’s financial obligations for Elkhead aren’t yet complete (which would make official releases possible), the District will be able to release water on a test basis to make the 5,000 af (and 2,000 af under the lease, if needed) available via a letter agreement, which is close to completion. John Shields said Wyoming is very pleased the letter agreement is nearing completion and said non-Federal Program participants are keeping the pressure to complete the financial obligations as soon as possible.
- b. Shoshone – George Smith explained the situation with the blown penstock at the Shoshone power plant, which, with the Grand Valley, has the senior call on the Colorado River. A stipulation in the Orchard Mesa Check Settlement says that if the Shoshone call is not online, surplus water would not be available for endangered fish. George Smith said all the water users are working together to solve the problem, perhaps by operating as if the Shoshone call was still in place. Dan Birch said the River District has encouraged such operation and has said they would like to see 1,250 cfs maintained at Dotsero. Public Service said on the HUP call today that Xcel Energy is committed to repairing the Shoshone plant. There will be another phone call Monday, July 16, with all the reservoir operators, and then a meeting in Glenwood on Friday (July 20). Tom Iseman asked if someone from the environmental community could participate and George said they would be welcome. Brent Uilenberg referred to George’s table of sources of water for fish in the 15-Mile Reach, noting it appears we have 37,650 af from sources other than Green Mountain (Williams Fork, Wolford, and Ruedi) for mid-July to mid-October. Brent distributed a worksheet on how that water would be distributed, explaining that it will be difficult to maintain target flows in the 15-Mile Reach in August and September without water from Green Mountain Reservoir (only 210 cfs could be released). Brent noted that the 15-Mile Reach PBO could be re-opened if we don’t resolve the Orchard Mesa check settlement issue enabling us to use Green Mountain water. Tom Iseman agreed this issue is very important to the Program and the PBO. Dan Luecke and Robert Wigington have been keeping close tabs on this and working with others in the environmental community. Tom Pitts said he’s reminded the water users about the implications of this, and of the PBO.
- c. Municipal recreation contract – Brent Uilenberg said the contract that legally protects the surplus water from Green Mountain expired in December 2006. The contract involves Grand Junction, Fruita, and Palisade. Reclamation will meet with them next week to see if they’re willing to sign the contract. Tom Pitts has been helping on this and said he’s fairly optimistic the contract will be signed by at least one of the three parties (all that’s required), and perhaps by all three.
- d. Ruedi contract – Brent said he understands that the basis for negotiation was approved in the Commissioner’s office and he is hopeful the contract will be signed soon.
- e. 10,825 progress – Tom Pitts said the water users received a grant to develop a feasibility study of alternatives. They’ve screened out 5 of 15 alternatives and have hired an engineering contractor to look at the remaining 10 (one of which is Ruedi Reservoir). This Phase II study should be completed in January 2008, then water users will have financial issues to work out (perhaps requiring most of 2008). Per the PBO, the deadline for a signed agreement is December 2009, and the water users are working to finish everything by July

2009. Once the agreement is signed, Tom anticipates NEPA will be triggered on the preferred alternative(s). Tom expects the existing agreements to provide water from Wolford and Williams Fork will be extended until the permanent water is made available. Tom will provide another update to the Committee in the fall. Tom Iseman asked if it would be appropriate to have the contractor make a presentation on the alternatives, and Tom Pitts said he'll check on the possibility of a briefing after they've finished the screening-out process.

4. Updates

- a. Spring 2007 Grand Valley Water Users/Recovery Program meeting – Bob Muth said they had another productive meeting on June 5 in Grand Junction. Attendance is growing at each meeting, which has been good. Bob said this meeting is held twice a year and he encourages Management Committee members to attend one if they can. Perhaps a Management Committee meeting could be held in conjunction with this meeting next year if it could be moved to an earlier spring date. The meeting summary will be out shortly and posted to the listserver and/or Management Committee. Tom Pitts agreed these are excellent meetings and have been real problem-solving sessions. Tom said one idea presented at the recent meeting was consideration of hiring a contractor to maintain fish passages and fish screens, so that may be explored. Tom Blickensderfer endorsed this idea.
- b. Capital projects – Brent Uilenberg said GVIC fish passage Obermeyer gate is operating flawlessly and the passage is being kept open much more than was ever possible in the past. The GVIC fish screen was retrofitted last winter and it worked fairly well except for intermittent shutdowns during spring runoff. They're considering some additional fixes, as well. The GVP passage is being operated intermittently to keep the sediment sluiced out. The fish screen O&M agreement is not yet complete, so it's not operating yet, but Brent hopes it will be later this summer. The Redlands passage and screen are both operating (the screen was shut down for a few weeks for mechanical problems with the trash rack and screen). Brent has discussed sediment problems at the fish exit at the Redlands passage with Chuck McAda. Similar problems have occurred P&M on the San Juan River where they are exploring hydraulic sluicing with a portable pump (requiring a 404 permit). Once this has been worked out on the San Juan, Brent believes we can use a similar fix (mobile pump) on Redlands (and perhaps the same pump at Grand Valley, also). Last year's problems with the GVWM west end canal structures have been resolved, so we should get closer to the 45,000 af of conserved water this year, which will be very important given this year's hydrology. Brent has not been able to update the capital projects spreadsheet yet because the indexing question hasn't been answered (by Reclamation's Salt Lake City office, and perhaps beyond). However, at this point Brent believes it's looking good for completing all our facilities under our cost ceiling, with the exception of Tusher Wash. We don't have adequate funds to screen all the Tusher water, but perhaps we could screen the irrigation water and not the low-head hydropower water. Tom Pitts noted that this would require the Service to decide whether this would be acceptable; Bob Muth said it's probably time for >the Service to meet to consider this. Tom Pitts mentioned that the water users may offer a proposal at the next meeting for requesting authorization of funding for any needed major repairs of capital projects in the future (after construction authorization

expires). It may be appropriate to address this in the Secretary's report to Congress. Tom noted that the San Juan Program will require additional time to complete their capital construction, and we probably should make all our requests of Congress at the same time. Committee members discussed possible nuances of such a request.

ADJOURN at 3:30 p.m. (travel to Elkhead Reservoir Enlargement Celebration @ Elkhead Reservoir: Barbecue, 4:30 – 5:45 p.m., Program 6:00 – 6:45 p.m.)

Thursday, July 12

CONVENE: 8:30 a.m.

4. Updates, continued

- Price Stubb fish passage contract price – Brent Uilenberg said the contract was awarded and excavation has begun. The river diversion should be complete in mid-October, and everything seems to be going well. WATER retained McLaughlin Engineers to look at safety concerns as part of their effort to get a water park incorporated at Price Stubb. Reclamation plans to include one of McLaughlin's suggested design changes to provide a smoother transition in water surface elevation. The modification would raise the \$9.76M contract by ~\$105,000. The Committee discussed the benefits and approved the modification.

c. Funding/Budget

- i. Myton Diversion rehab funding – Brent Uilenberg said the 2007 Water 2025 Challenge Grant program is moving forward and the 2006 prioritized list was sent forward to Washington, D.C., in late June. Brent doesn't know when the 2007 award announcement will be made, but the intent is to have the awards in place before the end of the fiscal year. The Recovery Program share (Section 7 funds) of the Myton Diversion cost would be somewhat higher than originally contemplated, ~\$217K versus \$172K. Angela said adequate Section 7 funds are available. The State of Utah has a strong interest in this project and may be able to contribute if needed to make sure there are sufficient funds are available to complete the project. Tom Pitts said he believes we should be able to cover the increase in the Program's share of costs with Section 7 funds. The Committee will discuss this again in August when final figures are available. When and if the grant is made, some local press may be appropriate (as well as an article in our newsletter and mention in *Program Highlights*).
- ii. Environmental groups funding – Tom Iseman said they still have no additional funding and continue to operate on their bare-bones budget. Much of that budget was intended for Dan Luecke's participation in Aspinall-related activities, which, given the schedule, hasn't yet been needed. Therefore, they are considering shifting a portion of their budget to enlist John Hawkins' help with the nonnative strategy and have him participate in more Biology Committee meetings. >Tom Iseman will check on the status of funding through NFWF's "Bring Back the

Natives” program. Meanwhile, Tom Iseman said they continue to look for other funding opportunities.

- iii. FY 08-09 work plan development schedule – The draft work plan budget tables were e-mailed to the technical committees for review on June 25 and proposed scopes of work posted to <http://www.fws.gov/mountain-prairie/crrip/sow.htm>. The Biology Committee will review the draft plan next week and the Water Acquisition and Information & Education committees are discussing their portions via conference call and/or e-mail. The technical committees’ comments are due to the Management Committee by July 20 and the Management Committee will meet to approve the plan on August 14-15 in Grand Junction. (The Implementation Committee delegated approval of the work plan to the Management Committee.) The FY 08 budget appears fairly tight at this point, and we have yet to issue RFP’s for Green River backwater/sediment work and floodplain habitat vs. flow synthesis, so the committees may have to make some difficult decisions.

- d. Report to Congress – Bob Muth said he would appreciate quick feedback on the outline he distributed last week for this report (attached at the end of this meeting summary). Tom Pitts said at this point we assume that all Program participants are satisfied for continuing to using O&M funds as we have been using them (including nonnative fish removal, research, etc.). Clayton said he’s still checking into this with Western’s management. Dave Mazour said he believes it’s important to consider what’s happening with the Basin Fund in light of the extended drought. As a result of the level to which the Fund dipped in 2003, Clayton said Western now has a process to apply additional charges to their customers and cap expenditures for this Program and Glen Canyon in years when the Fund’s liquidity dips too low. Hopefully that will never need to be invoked, however. Tom Pitts suggested preparing a 2-page outline of how we’re using power revenues now, what would change in 2011, and how we recommend power revenues be used beyond 2010. John Shields suggested this should include an analysis of the portion of our legislation that discusses seeking appropriations if Basin Funds are inadequate, since we found this unworkable a few years ago:

“(3) The Western Area Power Administration and the Bureau of Reclamation shall maintain sufficient revenues in the Colorado River Basin Fund to meet their obligation to provide base funding in accordance with paragraph (2). If the Western Area Power Administration and the Bureau of Reclamation determine that the funds in the Colorado River Basin Fund will not be sufficient to meet the obligations of section 5(c)(1) of the Colorado River Storage Project Act for a 3-year period, the Western Area Power Administration and the Bureau of Reclamation shall request appropriations to meet base funding obligations.”

>With Clayton’s help, Bob Muth, Tom Pitts, and John Shields will draft this outline on use of power revenues, then schedule a call with the Committee (or some portion thereof) for review and discussion. Tom Iseman said one concern they have is whether the Program will have adequate resources for nonnative fish management going forward. John Shields said another issue which needs to be addressed is provision of annual funding from the Service and the States after 2013. Wyoming’s assumption is that State funding would decrease significantly after 2013. Service funding for Program management will need to continue, however.

- e. Fiscal Year 2009 Program Funding – John Shields discussed circulation of the joint delegation funding support letters to Secretary Kempthorne urging inclusion of \$6M to pay the Program’s remaining obligation to Elkhead and \$1.7M for the Hogback Diversion screen for the San Juan Program. Robert King said they will help work with the Utah delegation to clarify that this is not a special request for Congressional appropriation of funding.
- f. 2007 nonnative fish management activities – Pat Nelson said field work is proceeding on schedule, although flows are dropping quickly, making effective sampling difficult. It appears that pike caught on the Yampa are smaller than in previous years and there have been reports of fewer anglers catching pike on the Yampa. Mark Fuller has reported catching fewer smallmouth bass in Yampa Canyon. Pat said the Yampa nonnative fish strategy went out for review, but only Tom Iseman has responded so far. Project synthesis reports were due March 1; the two reports on the Yampa are still outstanding. Ideally, all the synthesis reports need to be completed, reviewed, and approved in order to complete the Yampa strategy. Comments have been fairly slow coming in on the synthesis reports that have been sent out. This will be discussed at the Biology Committee meeting next week. The Management Committee strongly encourages PI’s and Biology Committee members to get the final two synthesis reports done and comments submitted on all the synthesis reports. This effort is of great importance and the Management Committee would like the Biology Committee to establish a realistic schedule and stick to it. John Hawkins said his synthesis report will be out at the end of the month. >Management Committee members will get their comments to Pat on the draft Yampa nonnative fish strategy by August 1. Tom Iseman said he and Tom Nesler and Tom Blickensderfer met with the Colorado Wildlife Commission and the Yampa strategy is a priority concern for the Commission. The Committee discussed the issue of finalizing the strategy versus waiting to incorporate additional information. Pat said review of Nonnative Fish Stocking Procedures is underway and Colorado has submitted revisions on the 1996 Procedures and Utah and Wyoming have provided input on those revisions. The goal is to develop a more straightforward set of procedures.
- g. Floodplain management activities – Pat Nelson recently posted photos of Green River floodplain sites to the Program website at <http://www.fws.gov/mountain-prairie/crrip/grfloodplainphoto.htm>. Work is underway to prepare one of the Green River wetlands (Stirrup) for a recruitment study. A PIT-tag array will be set up to detect each tagged fish leaving or entering the wetland. Work is planned to prepare the Baeser Bend wetland to acclimate hatchery-raised razorback sucker.
- h. Palisade kayak park – Bob Muth said the Town of Palisade is proposing to construct a whitewater park at Riverbend Park, just downstream from the GVIC diversion and the OMID power plant return. Palisade has funds available that were raised in anticipation of paying for whitewater features at the Price-Stubb Diversion (about \$1 million). They’ve has hired Gary Lacy of Recreation Engineering & Planning to design the whitewater park. Early in the process the Service explained to the Town that the major concern is that the proposed whitewater park does not create a fish passage problem. Gary Lacy presented his design to the Service on June 11, 2007, with drawings and a report. At this point the design is conceptual at the request of the Town. The Service

sent the design to Wayne Stancill, FWS, Pierre, SD; Alex Haro, Ecologist, USGS; and several anonymous engineers. All responded back with preliminary comments requesting more information before it can be determined if fish passage will be a problem. The Service sent the Town a summary of the preliminary comments on July 5, 2007. Wayne and Alex will be sending more detailed requests for information in the next several weeks. The Service will then request specific additional information from the Town. Bob Muth said the Service will need to be absolutely certain that this water park will not impede fish passage.

- i. Status of 2007 recovery goal update and species status review – Tom Czapla reminded the Committee that the Service is conducting a 5-year status review of the species and also reviewing/revising the 2002 Recovery Goals. Three sets of comments have been received on the status review and eight on the recovery goals. >Tom will send copies to the Management Committee. A Service team made up of representatives from the California-Nevada office and Regions 2 and 6 is discussing responses to comments. Rich Valdez is working on incorporating new information into the recovery goals and get those out for Service review by the end of July (and subsequently out for stakeholder review – hopefully by late August or early September, and then to the Federal Register to seek public comment). Bob Muth said there also will be formal, independent peer review. Bob said they will especially need Program participants help in making estimates of time and costs to recovery in the Upper Basin. Clayton said Western will send a letter about the complementarity of the humpback chub recovery goals and the biological opinion on Glen Canyon dam.
 - j. Status of jeopardy versus no-jeopardy opinions policy – Carol Taylor said the Service has not yet done the proposed side-by-side analysis. Carol noted that some Committee members previously suggested “if it ain’t broke, don’t fix it” and expressed concern that a change to no-jeopardy opinions would require a change in the Section 7 agreement. The Committee affirmed its preference for the status quo (jeopardy opinions).
 - k. Program Director’s Office update – Bob Muth said the Program’s long-time secretary, Kathy Wall, retired on July 3. A reception was held a few weeks ago and a dinner will be held at Johnny Carino’s in Lakewood on Friday, July 20. The new secretary is Mary Nelson, who previously worked in the Regional Office in Lakewood (and briefly for the Platte River EIS office before it closed). Bob said he will be hiring a new instream flow coordinator, and that position should be advertised (Service-wide) shortly. Angela Kantola discussed the new listserver procedures, which were imposed by the Service’s IT department (over our objections). Angela apologized for the extra steps now required to retrieve attachments, and asked Program participants to call her or Ellen Szczesny if they have any difficulties with the new procedures.
 - l. Reports status – Angela Kantola distributed the updated reports list.
5. Representation/attendance at Biology Committee meetings – Tom Pitts said Kevin Gelwicks has said Wyoming will continue to be represented on the Committee. Bill Davis attended the last Biology Committee meeting. Tom said he’s pleased to hear the environmental groups are discussing increasing their participation once again. With regard to communication between the Management and Biology committees, John Shields urged

Management Committee members to attend the mid-January researchers meeting. Bob Muth said he's been talking to John Hamill about a joint meeting with the San Juan and the lower basin, perhaps as early as this coming January.

6. Upcoming Management Committee tasks and schedule next meeting – The next meeting has already been scheduled for August 14-15 at the Holiday Inn in Grand Junction, Colorado. The meeting will begin at 1:00 p.m. on the 14th and conclude by noon on August 15. There will be a nonnative fish public meeting at 7:00 p.m. the evening of August 14. A featured topic of the Management Committee meeting will be approval of the FY 08-09 work plan. Other agenda items will include: Myton Diversion rehabilitation funding; the report to Congress; a hydrology update; etc. >John Shields will send Bill Trampe a thank you for last night's celebration of Elkhead expansion. The Committee commended The Nature Conservancy for the full-page ad they placed in the Craig Daily Press.
 - a. Rescheduling Implementation Committee meeting – The November 19 meeting date is no longer workable, so this meeting needs to be re-scheduled. The Committee will take this up in August (including whether an IC meeting is needed).

ADJOURN 12:00 Noon.

Assignments

Carry-over from previous meetings:

1. **Bob Muth** will draft a letter to the BLM state directors regarding coordination on energy development (*pending*).
2. **The Service** will prepare a comparison of what a BO under the Recovery Program looks like now and what it would look like using a no-jeopardy approach (*pending*).
3. **Tom Blickesnderfer** will determine when it might be most appropriate to brief the new western slope Wildlife Commissioners. There are probably some new west slope State legislators who should be briefed, so Tom also will provide a list of these new legislators to the Management Committee. Additional briefings will be scheduled for new DNR folks and perhaps the Governor (*pending*).

New assignments:

1. The **Service** will meet to consider if it would be acceptable to screen the irrigation water and not the low-head hydropower water at Tusher Wash.
2. **Tom Iseman** will check on the status of funding for the environmental groups' participation in the Program through NFWF's "Bring Back the Natives" program.
3. With **Clayton Palmer's help, Bob Muth, Tom Pitts, and John Shields** will draft an outline on use of power revenues, then schedule a call with the Management Committee (or some portion thereof) for review and discussion.
4. **Management Committee members** will get their comments to Pat on the draft Yampa nonnative fish strategy by August 1.
5. **Tom Czapla** will send copies of comments received on the status review and recovery goals to the Management Committee.
6. **John Shields** will send Bill Trampe a thank you for last night's celebration of Elkhead expansion.

Attendees
Colorado River Management Committee, Denver, Colorado
July 11-12, 2007

Management Committee Voting Members:

Brent Uilenberg	Bureau of Reclamation
Tom Blickensderfer	State of Colorado.
Robert King	State of Utah
Tom Pitts	Upper Basin Water Users
John Shields	State of Wyoming
Carol Taylor	U.S. Fish and Wildlife Service
Dave Mazour	Colorado River Energy Distributors Association
John Reber	National Park Service
Tom Iseman	The Nature Conservancy
Shane Capron	Western Area Power Administration

Nonvoting Member:

Bob Muth	Recovery Program Director, U.S. Fish and Wildlife Service
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Recovery Program Staff:

Angela Kantola	U.S. Fish and Wildlife Service
Pat Nelson	U.S. Fish and Wildlife Service
Tom Czapla	U.S. Fish and Wildlife Service
Debbie Felker	U.S. Fish and Wildlife Service

Others:

Carol DeAngelis	Bureau of Reclamation
Clayton Palmer	Western Area Power Administration
George Smith	U.S. Fish and Wildlife Service
Jana Mohrman	U.S. Fish and Wildlife Service
John Hawkins	Colorado State University
Dan Birch	Colorado River Water Conservation District
Melissa Trammell	National Park Service
Patty Schrader-Gelatt	U.S. Fish and Wildlife Service

Outline of process/content for report to Congress

Tuesday, July 03, 2007

Excerpt from P.L. 106-392:

“...The utilization of power revenues for annual base funding shall cease after the fiscal year 2001, unless reauthorized by Congress; except that power revenues may continue to be utilized to fund the operation and maintenance of capital projects and monitoring. No later than the end of fiscal year 2008, the Secretary shall submit a report on the utilization of power revenues for base funding to the appropriate Committees of the United States Senate and the House of Representatives. The Secretary shall also make a recommendation in such report regarding the need for continued base funding after fiscal year 2011 that may be required to fulfill the goals of the Recovery Implementation Programs...”

DRAFT OVERALL REPORT GUIDELINE POINTS

- Use Matt Kales (R6 Legislative Affairs) as a reference for process and format.
- Report addresses both Upper Colorado and San Juan programs
- Report should be succinct and to the point. (~20 pages plus liberal use of appendices to make it more a record; perhaps make use of hyperlinks).
- Keep text to a minimum. Make good use of tables, graphs, and photos (make sure there's a scale that shows how big the capital structures are; need to describe capital projects in more detail in an appendix).
- Talk about Programs' accomplishments and how important the power revenues (and other funds) are to those. (Here's what we've done with our funding to date and here's what we will do in the future [e.g., O&M capital projects, monitoring, research, etc.]).
- Report use of funds (focus on power revenues) from beginning of Programs (1989 UCRIP, 1992 SJRIP).
- Cross-walk our management actions to recovery goals. Put actions in context of adaptive management (i.e., use information gained from research/monitoring/management to guide/modify future actions [might use evaluation/refinement of flow recommendations as an example of how research/monitoring data are/will be used]).
- Recommend authorization for use of power revenues extension to 2023 (like SJ C/A) because that's the date for RZ and BT recovery according to 2002 Recovery Goals.

- Timeline:
 - Need to get draft for Programs' approval done by October 1, with comments due 3 weeks later.
 - Revise and send to FWS (2&6)/Reclamation (UCR) regions by November 1, with comments due December 1.
 - Revise and send to FWS/BOR in DC by January 1, with comments due from them and Secretary so we can send to Congress by March 1. Need to know a delivery-date-to-Congress when we go back to DC in March.

INITIAL DRAFT REPORT OUTLINE

Executive Summary

1. Introduction (purpose of report).
2. Description of Recovery Programs.
 - Background (why and when established, adaptive management, participants, goals, purposes, fish, listed status, water development, documents (Blue Book, C/A, RIPRAP, Section 7 agreement, etc...)).
 - Programs' recovery elements.
3. Authorization/funding (laws/sources) and money spent (e.g., pie charts as in Program Highlights).
 - Base funding (\$/program element).
 - Capital projects funding (\$/program element/category: fish screens, fish passage, habitat, etc...).
4. Summarize Recovery Goals.
5. Accomplishments by recovery element (tie to Recovery Goals; maps, pictures, graphs, etc.; maybe a table showing all the things we've accomplished under the recovery goals and the actions that still remain; perhaps some sort of matrix drawn from work on recovery goals revision/five-year status review and research framework project).
 - Fish status.
 - ESA compliance/depletions (e.g., as in Program Highlights).

6. Importance of base funding, past (reference back to charts) and future (more details on future uses).

7. Recommendations/justifications.

Appendices