

August 12, 2009

August 10, 2009  
MANAGEMENT COMMITTEE MEETING SUMMARY  
August 10-11, 2009, Cheyenne, Wyoming

**CONVENE: 1:00 p.m.**

1. Introductions, review/modify agenda and time allocations, and appoint a timekeeper – The agenda was modified as it appears below.
2. Approve June 4, 2009, meeting summary and review assignments – The Committee approved Tom Pitts' June 22 revisions to the summary. >Angela Kantola will post the revised summary to the listserver. Brent Uilenberg called the Committee's attention to carry-over assignment #2 in the recent Biology Committee meeting summary about habitat modification on the Yampa River to reduce northern pike. A portion of the text reads "*4/20: Tom Nesler said they've met with the landowner and Reclamation engineers will do an onsite survey as soon as the snow melts. 7/13: Reclamation engineers have not been on site. Tom Nesler will coordinate with Sherman after other State priorities (e.g. 98a report) have been accomplished.*" Brent clarified that Reclamation has offered and remains available to help CDOW with site visits. The Management Committee asks that CDOW move forward on this as quickly as possible. >Dan McAuliffe will discuss this with Tom Nesler and Sherm Hebein.
3. Review of tasks called out in FY 2009 sufficient progress memo (see Attachment 3).
4. Updates
  - a. Capital projects – Brent Uilenberg said a \$530,000 contract was recently awarded for repairs of the Grand Valley Hatchery Facility. Repairs should be complete and the facility fully functional by November. At Price-Stubb, the Palisade Irrigation District had a contractor remove debris after spring runoff. Reclamation and Tom Czaplá will meet with BioMark at Price-Stubb this fall to look at the potential for installing an automated fish tag reader. Brent showed photos where recent high flows have caused undercutting at the Butch Craig bottomland site. The entire ~80-acre site may be reclaimed by the river in the next high flow year. Repair would cost ~\$250K. To date we have used this site to stock excess production fish – this year it received smaller hatchery fish due to the Grand Valley facility repair), however the original intention was for it serve as a nursery habitat for wild produced larvae. The Committee would like the >PDO to generate a list of questions to assist the Biology Committee in developing a technical recommendation (e.g. repair, leave alone, consider a site on the opposite side of the river, etc.). This may require Geomorphology panel input. The Management Committee will then decide how to proceed based on: a) the BC recommendation; b) Program Director's office review; and c) cost estimates from Reclamation. Brent said they will be looking at building rearing ponds at Horsethief

State Wildlife Area as soon as the Program's rearing pond needs have been identified, which >Tom Czapla is working with hatchery managers and others to develop.

- b. Staff updates – Debbie Felker, Tom Czapla, and Tom Chart updated the Committee on recent activities.
- c. Hydrology update – Jana Mohrman provided a brief update on summer hydrological conditions and plans for fish flows (see Attachment 2).
- d. Fish and Wildlife Service updates: Hartland Diversion fish passage – Doug Frugé said work is planned to provide passage at Hartland, which received \$605K in American Recovery and Reinvestment Act (Stimulus) funding. Doug said the Service hopes to name a new Program Director within the next few weeks and have that person on board by the September Implementation Committee meeting. The Service appreciated John Shields and Henry Maddux participating on the interview panel with Julie Lyke. Doug said Michelle Morgan (the new CFRP project leader in Grand Junction) will be on board in early September (right after Labor Day).
- e. [Recovery goals](#) revision; 5-year status review – Tom Czapla said the draft revised recovery goals should be announced soon in the Federal Register (there will be a 60-day comment period). Asked whether the Service has resolved the question of “when the clock starts” on the Grand Canyon population monitoring, Tom said this is an administrative determination which isn't identified in the recovery goals. Tom outlined the 5-year status review process; >the Program Director's office will alert the committee when the 5-year status reviews are completed and provide a link to the documents.
- f. Update on environmental groups' representatives to the Management, Biology, and Information and Education committees – Taylor Hawes said that TNC is still committed to providing a representative to the Management Committee and hopes to appoint someone within the next 3-4 months (meanwhile, Taylor and/or Mike Roberts will attend meetings). TNC has sent out an RFP for Biology Committee representation and hope to have someone on board in September. The environmental groups will wait until they've filled the Management Committee slot before determining a representative for the Information and Education Committee.
- g. Reports status – Angela Kantola provided an updated reports due list.

**ADJOURN 4:40 p.m.**

**Tuesday, August 11**

**CONVENE: 8:00 a.m.**

- 5. Review/Recommendations/Approval of FY 2010-2011 Work Plan – Committee members first reported on their Implementation Committee members' desire to delegate approval of

the work plan to the Management Committee: the Management Committee will give tentative approval, with final approval to come from the Implementation Committee on September 24. Angela Kantola introduced the work plan. With little to no inflation likely in the CPI for the period ending September 30, 2009, the Program's projected annual/O&M power revenues for FY 2010 and 2011 will be essentially the same as for FY 2009, which makes for very tight budgets, even after accounting for de-obligations and expected carry-over. After the technical committees' review and suggested adjustments to the FY 2010 and 2011 budgets, the Program Director's office decided it would be more appropriate to put placeholder projects on a contingency list for both years to more accurately reflect current project/budget uncertainties. Tom Pitts asked the >Program Director's office to provide an update at the Implementation Committee that reviews where we've been and where we're going in the Recovery Program (this also will help the Committee understand future staffing needs). The Committee reviewed the work plan (see comments on budget worksheets) and conditionally approved it subject to ratification by the Implementation Committee in September.

6. Updates/Follow-up on Legislative and Program Authority-related activities

- a. Status of legislation to maintain annual base funding for the Bureau of Reclamation for the Upper Colorado River and San Juan fish recovery programs through FY2023 – A Senate hearing was held on S. 1453 on July 23 and a hearing in the House is anticipated in early September. Letters of support were provided by the four governors, the tribes, Western Resource Advocates, CREDA, 4-5 power customers, and 20 different water organizations. This grassroots support really counts. John Shields thanked the federal participants for help getting clean testimony through OMB. Tom Pitts said we will soon have both annual and capital funding authorized through 2023 and our cooperative agreement extended through 2023.
- b. Status of requested legislation to permanently reallocate 5,412.5 acre-feet of the regulatory capacity of Ruedi Reservoir for delivery to endangered fish habitat on the Colorado River and assign all costs associated with the re-allocated water as non-reimbursable – The River District asked Representative Salazar and Senator Mark Udall to introduce this legislation which would amend P.L. 106-392. Dan Birch outlined the water users' obligation under the 15-Mile Reach programmatic biological opinion to provide 10,825 acre-feet of permanent water to replace 10,825 acre-feet currently provided from Ruedi. The preferred alternative is to get half of this water from transfer of a very senior irrigation right to Granby Reservoir at a cost of \$17 million to east slope water users and half from Ruedi Reservoir. The cost to west slope water users, if not assigned as non-reimbursable, could be up to \$8 million – which is not financially feasible for west slope water users. Assignment of this water as non-reimbursable is consistent with past practice of designating environmental uses of water as non-reimbursable. The legislation was introduced in the Senate on Aug. 6. and will likely be introduced in the House in early September. The River District anticipates good support from the congressional delegation. Dave Mazour expressed concern about whether this could create problems for the Recovery Program's annual base-funding legislation. Dan said they don't want to do anything to undermine that. Dan said he is willing to

strengthen language in the briefing paper to stress that although this legislation amends PL 106-392 this issue is specific to Reudi Reservoir and would have no bearing on Recovery Program base funding.

- c. >Tom Pitts will send the current draft legislation and briefing paper to the Management Committee for review and schedule a conference call to discuss it.
  - d. Status of Fiscal Year 2010 Program-Related Funding within the Bureau of Reclamation and Fish and Wildlife Service Appropriations Bills – John Shields posted an update to the listserv on August 5 saying that it appears we're in good shape and are hopeful that these funding measures will be signed into law prior to the start of the new fiscal year. Both the House and Senate passed bills containing the Administration's requested funding for Reclamation for the recovery programs. The Senate has appointed conferees, including Sen. Bennett of Utah. For the Service, the House passed a bill which the Senate has received. The Senate Appropriations Committee marked out its Interior and Related Agencies bill; both bills contain the Administration's requested funding for the recovery programs.
  - e. Extension of the Recovery Program's Cooperative Agreement – Debbie Felker said approval was given by the Secretary of the Interior's office to route the extension for signature. To date, it has been signed by Utah's Governor Huntsman, Western Area Power Administrator Tim Meeks, and Colorado's Governor Bill Ritter. It is now in Tom Blickensderfer's hands to present it to Governor Freudenthal for signature. Once he signs, the Program Director's Office will send it to Washington, D.C., for Secretary Salazar's signature. When the agreement is approved, >the Recovery Program will issue a news release and all signatories will receive an original copy of the signed document.
  - f. Scheduling 2010 Washington, D.C. trip – The Committee tentatively scheduled the trip meetings for March 17-22/23 (with March 16 and 23 as travel days). Colorado delegation meetings need to be scheduled the first week because the Colorado Water Conservation Board likely will meet March 23-24. CREDA's board may meet March 17-18, so that will constrict Leslie's attendance somewhat.
7. OMID proposal update – Dan Birch provided an update on River District Board action on acquisition of site for re-regulating reservoir: their Board has decided to purchase the property. The Board hopes to close on the property in the next month. The Board also decided that OMID (not the District) will receive the eventual Federal reimbursement, which should be used to establish a fund for O&M. The Committee thanked the River District for going ahead with this. Dan said he and Brent Uilenberg met with OMID board in July to discuss O&M. Reclamation estimates a \$25,000/year increase in power revenues for OMID as a result of this project, which should be used to offset O&M costs. Grand Valley Water may see increased power revenues from this project, which Dan and Brent have suggested might also be used to offset O&M. The next step is to approach CWCB about establishing a fund to support O&M. Max Schmidt is the new OMID manager. Brent said Reclamation is moving ahead with engineering work under their General Investigations program and expects to fund engineering and construction management this way (~\$400K/yr). A

construction contract could be awarded in late summer or fall of 2010 using 2010 capital funds, if an acceptable O&M agreement is reached. Brent added that OMID water could help replace the other 10,825 af of water from Ruedi Reservoir that is expected to be relieved in 2012.

8. [10,825 Alternatives](#) update – Tom Pitts said contracts will be required with Reclamation for the Granby releases and a muni/rec contract will be needed to deliver the water to the 15-mile reach. These contracts trigger NEPA compliance, for which a consultant has been selected, the water users are raising funds (\$500-\$700K), and they hope to begin shortly (this process will likely run through mid-2010). Then they will start on Granby component (Northern will acquire the rights at ~\$17M to meet the east slope component). Under the PBO, permanent agreements must be signed by December 2009 and the water users will be working with the Service (likely Patty Gelatt) to negotiate those agreements.
9. Section 7 and related issues
  - a. [Summary of depletions](#); update on pending “*de minimis*” exclusion – Angela Kantola said that through June 30, 2009, the Service has consulted on 1,693 projects with a potential to deplete a total of 2,371,762 acre-feet per year in the upper Colorado River basin (of which 2,084,938 acre-feet per year are historic depletions). >Angela will post the latest depletion tables to the listserver. A biological opinion for expansion of Gross Reservoir (Moffatt Collection System) was signed on July 31, 2009, for a 15,121 af/year depletion under the 15-Mile Reach PBO. The Service is expected to finalize a “*de minimis*” memo this week declaring that water-related activities in the Upper Colorado River basin resulting in less than 0.1 af/year of depletions have no effect on the Colorado River endangered fish species, and thus do not require consultation with the Service for potential effects on those species. >Angela will post a copy of this memo to the listserver.
  - b. Update on Aspinall PBO & [EIS](#) – The Service sent the official draft PBO to Reclamation June 5 and Reclamation provided it to the Gunnison EIS cooperating agencies and other interested parties. The draft PBO is a non-jeopardy opinion covering the Dallas/Dolores re-consultation, existing depletions in the Gunnison Basin, and new depletions of 25,700 af. The draft PBO states that the proposed action will be evaluated through an adaptive management process. Specifically, Reclamation will work with the Recovery Program to conduct appropriate monitoring and research studies. It also calls for biological monitoring developed with the Recovery Program. Finally, the draft PBO requires Reclamation to work through Recovery Program technical committees to develop a Study Plan within one year to evaluate the effects of the proposed operations. To date, the Service has received comments from about six entities on the draft PBO, with official comments from Reclamation pending. The Service will address comments and discuss changes to the draft PBO with Reclamation in early September. The draft EIS was released February 13 and the comment period ended in April (Reclamation is preparing responses to the comments). A preliminary final EIS should be completed this fall (after the final PBO is completed). Reclamation hopes to have the final EIS and ROD completed before April 2010. Significant issues

include: 1) finalization of selenium plans; and 2) determining/explaining the relationship between dam operations to provide endangered fish flows and the National Park Service reserved right. Clayton Plamer asked about the status of modeling the Park Service water right, whether the preferred alternative in EIS meets that water right, and if related dissention is delaying the EIS. The Committee discussed requirements in the draft PBO that affect the Recovery Program (e.g., population monitoring, selenium investigations). Tom Pitts reviewed new EPA methodology and said he thinks the Program will need to fund research to determine levels of selenium that affect eggs of endangered Colorado pikeminnow and razorback sucker. The San Juan and Upper Basin programs should coordinate on this research; and >the Program Director's office should develop FY 2011 guidance for this. Clayton recalled that the Recovery Program had a full discussion of how the Flaming Gorge PBO requirements would affect the Program and a similar discussion needs to occur before the Gunnison PBO is finalized. Taylor Hawes said TNC is interested in how the Dolores fits into the PBO.

10. Agenda items for September 24 Implementation Committee meeting – The next Implementation Committee meeting is scheduled for September 24 from 10:30 a.m. to 3:30 p.m. at Tri-State's office in Westminster, Colorado (the Committee having agreed that September is a better time for them to meet than February). Agenda items will include: Recovery Program legislation (annual funding, Ruedi), OMID, Flaming Gorge flow protection, Program Director's update (where we've been/where we're going, our expectations related to recovery, expected spending levels, etc.), final approval of the FY 2010-2011 work plan, distribution of copies of the cooperative agreement extension, and a brief review of how the Aspinall EIS/Gunnison River PBO may affect the Recovery Program. >Dave Mazour will arrange to have lunch brought in and will work with Angela on logistics (name tags, security, lunch, directions, etc.)
11. Upcoming Management Committee tasks, schedule next meeting – October 13-14, in Grand Junction, beginning at noon or 1 p.m. on the 13<sup>th</sup> for a tour of OMID, then meeting on the 14<sup>th</sup> until 3 p.m. Other agenda items will include: a presentation from Reclamation and the Service about the Gunnison PBO Reasonable and Prudent Measures and what these and the Aspinall EIS mean for the Recovery Program (1 ½-2 hrs.); legislative updates; and capital projects. >The Program Director's office will arrange a meeting room and work with Brent on logistics of the OMID facilities tour.

**ADJOURN 12:00 p.m.**

### **Assignments**

Carry-over from previous meetings:

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 or if there are other ways (e.g., a weir wall) to achieve our objectives for screening Tusher Wash. *Discussions underway; but pending decisions on dam rehabilitation. 8/10/09: Robert King said no*

*decision has been reached yet on dam rehabilitation. Brent said a fish preclusion weir such as the one that will be installed at the Hogback Diversion on the San Juan could be an option if fish mortality in the power turbines isn't a significant problem (and would cost much less than the \$7-\$9 million to screen the entire canal flow). **Brent Uilenberg** will draft a recommendation for reviewing this. (Ask Biology Committee to review, first considering work done on similar turbines and potential for fish-friendly turbines, if needed. If this is unclear, field work may be needed to determine mortality at Tusher; this might be considered pre-design work under capital funds).*

2. **The Program Director's office** will provide a more specific recommendation regarding establishing a basinwide recovery/conservation oversight team for the endangered fishes. *8/10/09: Tom Czapl said the Program Director's office believes that some continuing coordination by Service staff in California/Nevada and Regions 2 and 6 is the best way to accomplish this. As done with the recovery goals, these Service offices would maintain communication with their stakeholders and then coordinate with one another. Tom would like to ask that Service group for their suggestions on how they would like to continue this coordination role as the recovery goals revision process wraps up.*
3. **Brent Uilenberg** will provide revised RIPRAP budget table ASAP. *Pending now that capital funds indexing has been determined. 8/10/09: Brent said they're working on this. They will need an estimate of needed rearing ponds (number, acreage, flow needs). **Tom Czapl** will provide additional information on pond space needed for humpback chub, backup bonytail broodstock, etc. Ponds may be developed at Horsetheif State Wildlife Area and the Upper Basin may be first in line for capital funds in 2010-2012 due to delays in San Juan projects.*
4. **The Program Director** will further discuss with the Service developing a programmatic biological opinion for the White River when the Gunnison River PBO nears completion. *Pending. 8/10/09: We need to review the flow recommendations but Tom Pitts also suggests reviewing water demand data from the state (unclear if that's been updated to include projected needs for oil and gas development). Dan McAuliffe said a pending roundtable report should address oil and gas (Dan Birch can provide status update).*
5. **Randy Seaholm** will update a relevant Board memo to better explain the issues related to the proposed Ruedi legislation, then **Tom Pitts** will schedule a conference call of the non-federal Program participants (before the August Management Committee meeting). *8/10/09: Although the bill has been drafted, more discussion is needed among Program participants to better understand the legislation. **Dan McAuliffe** will ask Randy if he has updated the board memo yet.*
6. **Randy Seaholm** will talk to the Division Engineer about Reclamation and/or the Division Engineer summarizing Aspinall/Black Canyon operations each year for the first several years. *8/10/09: This needs to be done before Randy retires in November. Dan McAuliffe said Randy is reviewing the comments about reoperation (and also is developing a transition plan, with his Aspinall work going to Michelle Garrison).*

## New Assignments

1. **Angela Kantola** will post the revised June 4, 2009 meeting summary to the listserver. *Done.*
2. **Dan McAuliffe** will discuss Yampa River habitat modifications with Tom Nesler and Sherm Hebein. Reclamation remains available to assist.
3. The PDO will generate a list of questions to assist the Biology Committee in developing a technical recommendation on how to proceed at the Butch Craig site (e.g. repair, leave alone, consider a site on the opposite side of the river, etc.).
4. **Tom Czapl**a is working with hatchery managers and others to identify the Program's rearing pond needs.
5. The Program Director's office (**Tom Czapl**a) will alert the committee when the 5-year status reviews are completed and provide a link to the documents.
6. The **Program Director's office** will provide an update at the Implementation Committee that reviews where we've been and where we're going in the Recovery Program (this also will help the Committee understand future staffing needs).
7. **Tom Pitts** will send the current draft Ruedi legislation and briefing paper to the Management Committee for review and schedule a conference call to discuss it.
8. When the extension to the Program's Cooperative Agreement is approved, >the Recovery Program (**Debbie Felker**) will issue a news release and all signatories will receive an original copy of the signed document.
9. Angela Kantola will post the latest depletion tables to the listserver along with the final a "de minimis" memo declaring that water-related activities in the Upper Colorado River basin resulting in depletions of **less than 0.1 af/year** have no effect and do not require consultation with the Service for potential effects on the endangered fishes.
10. The Program Director's office will develop FY 2011 guidance for research to determine levels of selenium that affect eggs of endangered Colorado pikeminnow and razorback sucker (working with the San Juan Program).
11. Dave Mazour will arrange for lunch to be brought in for the September 24 Implementation Committee meeting and will work with Angela Kantola on logistics (name tags, security, lunch, directions, etc.).
12. The Program Director's office will arrange a meeting room in Grand Junction for October 13-14 and will work with Brent on logistics of the OMID facilities tour.

Attachment 1  
Attendees  
Colorado River Management Committee, Cheyenne, Wyoming  
August 10-11, 2009

Management Committee Voting Members:

|                              |  |
|------------------------------|--|
| Brent Uilenberg              | Bureau of Reclamation                          |
| Dan McAuliffe (via phone)    | State of Colorado                              |
| Robert King                  | State of Utah                                  |
| Tom Pitts                    | Upper Basin Water Users                        |
| John Shields                 | State of Wyoming                               |
| Doug Frugé for Julie Lyke    | U.S. Fish and Wildlife Service                 |
| Leslie James and Dave Mazour | Colorado River Energy Distributors Association |
| John Reber                   | National Park Service                          |
| Mike Roberts & Taylor Hawes  | The Nature Conservancy                         |
| Clayton Palmer               | Western Area Power Administration              |

Nonvoting Member:

|                |  |
|----------------|--|
| Angela Kantola | Acting Recovery Program Director, U.S. Fish and Wildlife Service |
|----------------|--|

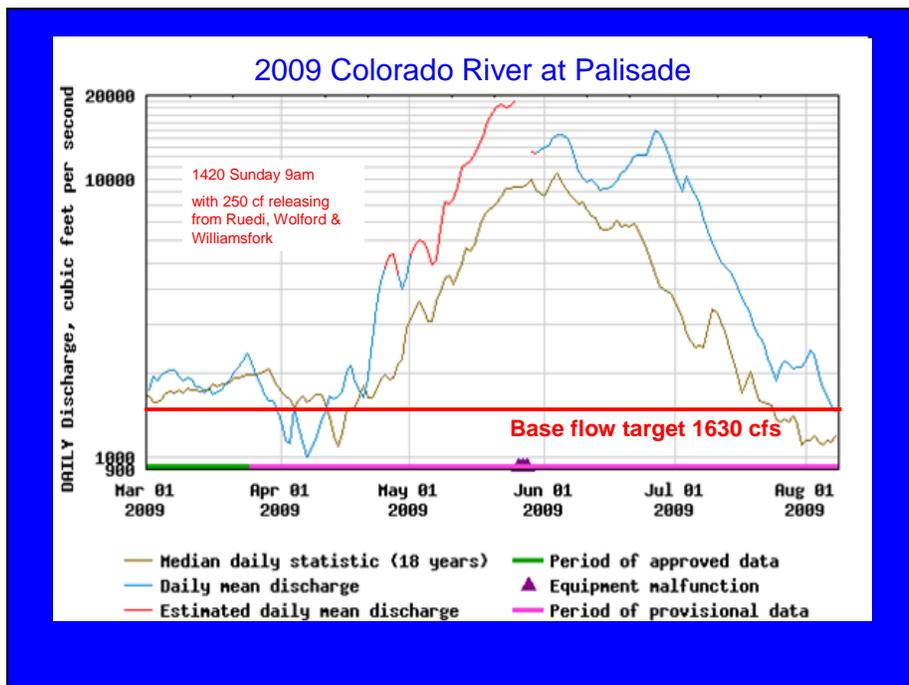
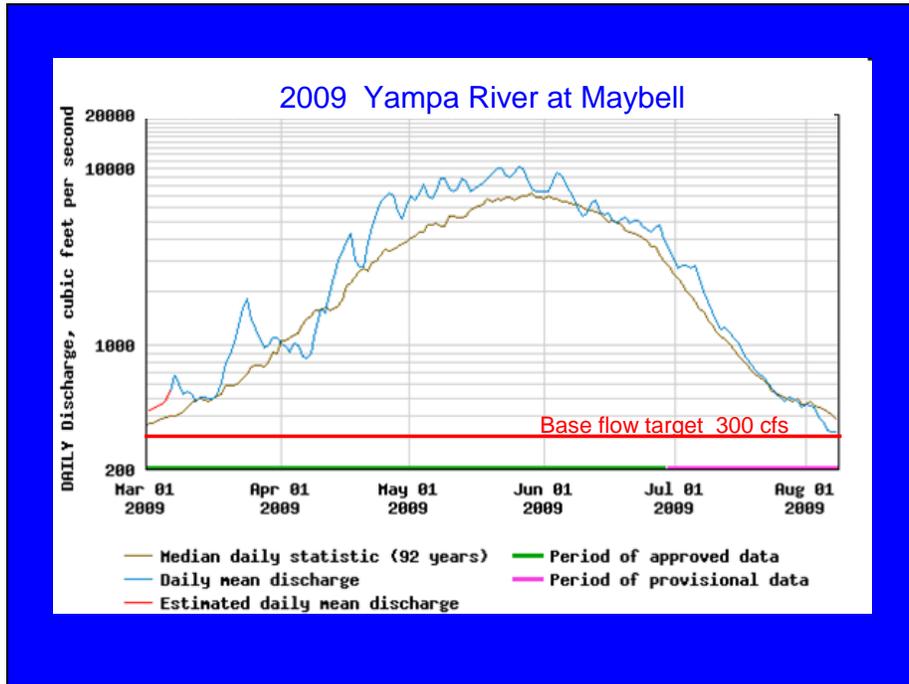
Recovery Program Staff:

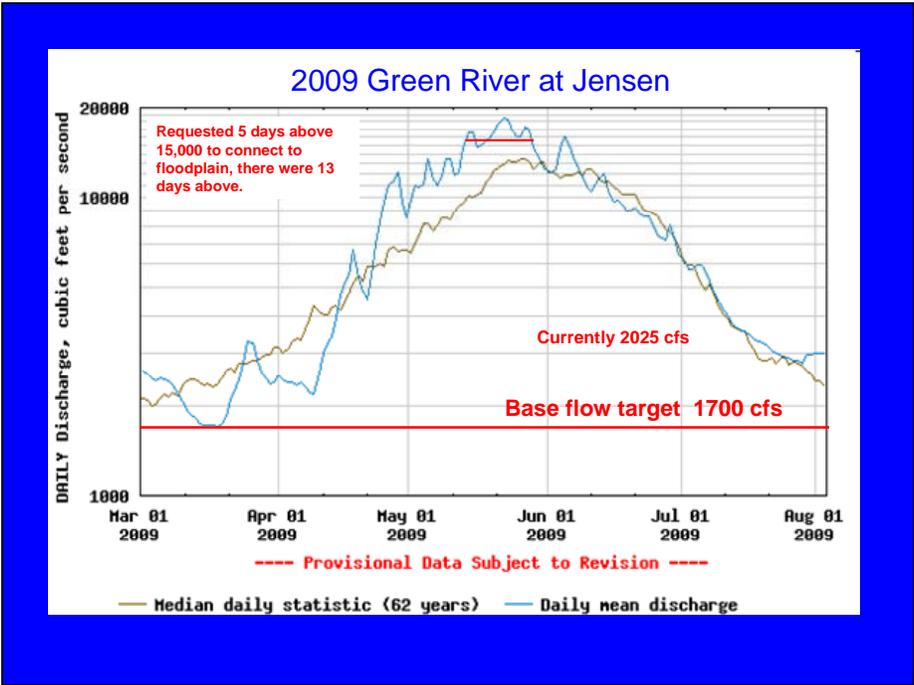
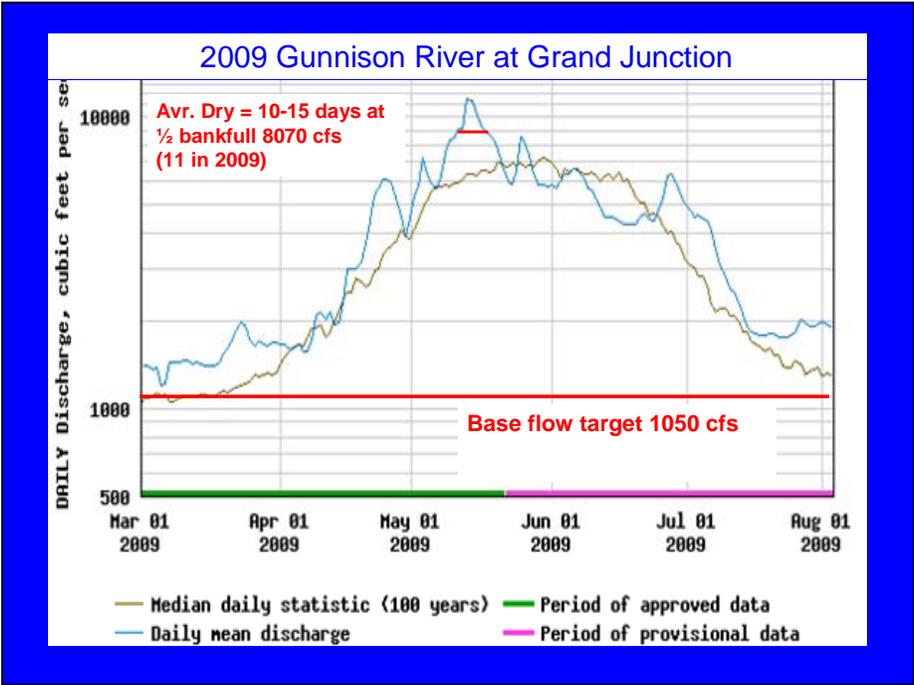
|               |                                |
|---------------|--------------------------------|
| Debbie Felker | U.S. Fish and Wildlife Service |
| Tom Chart     | U.S. Fish and Wildlife Service |
| Tom Czapla    | U.S. Fish and Wildlife Service |

Others:

|                  |  |
|------------------|--|
| Melissa Trammell | National Park Service                      |
| Jana Mohrman     | U.S. Fish and Wildlife Service             |
| Dan Birch        | Colorado River Water Conservation District |

## Attachment 2 Hydrology Update





ATTACHMENT 3

**Action Items from the Draft 2009 Sufficient Progress Memo**

| ACTION ITEM  | LEAD                           | DUE DATE   | STATUS   |
|--|--------------------------------|--|--|
| <p>The Service will continue to closely follow the effectiveness of nonnative fish management actions and the responses of the endangered and other native fishes. Data should continue to be reported annually, and necessary changes to nonnative fish management actions should be made in a timely fashion.</p>  | <p>FWS,<br/>CDOW,<br/>UDWR</p> | <p>Ongoing</p>   | <p>7/13/09: Critical data from 2008 have now been submitted. CDOW has discontinued translocation of smallmouth bass to Craig Justice Center Ponds, which will be returned to a trout fishery. Elkhead Reservoir will remain the primary translocation site for smallmouth bass (subsequent to spills or until the upper reservoir can be accessed). CDOW will continue to translocate northern pike to State Parks Headquarters Pond (Kyle's pond), Loudy Simpson, and Yampa State Wildlife Area ponds (subsequent to connection in the latter two locations). Northern pike CDOW is removing from Catamount Lake are now euthanized. Future actions are contingent on further contaminant results from riverine samples of northern pike and smallmouth bass. Elkhead Reservoir is still under a public fish consumption advisory. December nonnative fish workshop to be scheduled soon.</p> |
| <p>A research framework project was initiated in 2005 to conduct additional data analyses to further understand environmental variables and life-history traits influencing the dynamics of Colorado pikeminnow and humpback chub populations. The draft research framework report is behind schedule (originally due in 2007), but is expected in July 2009. Results will be used to refine hypotheses and direct management actions.</p>   | <p>Valdez,<br/>Bestgen</p>     | <p>7/31/09</p>   | <p>8/10/09: Draft to PD's office still pending.</p>  |
| <p>The Flaming Gorge Technical Work Group (Reclamation, the Service, and Western) needs to continue to provide brief updates on current and projected Flaming Gorge operations at Biology Committee meetings.</p>  | <p>USBR,<br/>FWS,<br/>WAPA</p> | <p>Ongoing</p>   | <p>Ongoing.</p>  |
| <p>The Recovery Program and the Utah State Engineer's office have been working on mechanisms to protect year-round flows in the Green River; however, this is behind schedule. A schedule and outline of the steps required for both the year-round protection above the Duchesne (to occur in 2009) as well as flow protection below the Duchesne is needed: a) the public meeting held by August 31, and the protection finalized by December 31, 2009; and b) by September 30, 2009, a schedule outlining steps for year-round protection downstream of the</p> | <p>Utah</p>                    | <p>Public meeting: 8/31/09<br/>Schedule/outline: 9/30/09</p> | <p>7/20/09: Public meeting scheduled for 8/20/09; completion anticipated by 12/30/09 (year-round above Duchesne). Outline/schedule for protection below Duchesne anticipated by 9/30/09.</p>   |

|  |                              |  |  |
|--|------------------------------|--|--|
| Duchesne to the confluence with the Colorado River.  |                              |  |  |
| The Colorado Division of Wildlife will complete the Yampa River Aquatic Management Plan (with an Upper Yampa River northern pike strategy) by early July 2009. The Program will use this strategy and available information to evaluate the need to expand northern pike control upstream of Hayden to Steamboat Springs, possibly including removal efforts.                            | CDOW                         |  | 8/10: Draft is in internal CDOW review. CDOW will send the draft to the States and Service for a courtesy review prior final approval.   |
| Now that the Myton Diversion rehabilitation has been completed, the Program, Service, and Duchesne Work Group will work together to determine if any changes are needed in ongoing monitoring efforts necessary to evaluate the flow recommendations.  | PD, FWS, DWG                 | Ongoing  | 8/10: Diversion operational and SCADA now online. Hydrological monitoring: after a full year's operation, the data will be examined to assure that the water is reaching the Randlette gage. Biological monitoring: Ute Tribe is conducting fish community surveys in the Duchesne; PD/FWS to define monitoring needed to evaluate flow recommendations. |
| Implementation of Coordinated Reservoir Operations (CROS) provided some peak flow augmentation in 2008; however, constraints on operations due to flooding concerns need further investigation to determine the feasibility of further enhancing CROS benefits.  | NWS, Mohrman, CWCB, WAC      | March 1, 2010  | 7/22/09: National Weather Service began a flood stage investigation last season which should provide some answers before the 2010 peak flow.   |
| Work on Coordinated Facilities Operations Project (CFOPS) will resume and is expected to be completed in 2010, but a specific schedule needs to be developed by October 1, 2009.   | Upper Basin water users      | October 1, 2010.   | Implementation schedule by Oct. 1, 2009.   |
| Close coordination will be maintained by meeting twice a year with Grand Valley water users and conducting conference calls as needed to discuss river conditions prior to the weekly Historic User Pool calls. The focus should be on taking full advantage of water savings brought about by operation of the Grand Valley Water Management project for late summer flow augmentation. | USBR, PD's office            | Meetings and conference calls ongoing. Hydrologic model completion date? | 7/31/09: Declaration of Green Mtn. surplus happens after other fish pools are applied, but should be fairly straightforward this year. CWCB is working on a hydrologic model to better predict base flows at Cameo based on snowpack, etc. (McAuliffe will check with Michelle Garrison re: completion date).  |
| The goal of the 10,825 Project is to have agreements signed with the Service prior to Dec. 2009 committing east & west slope water users to permanent sources of Ruedi replacement water (as required by the Colorado River PBO).  | Upper Basin water users, FWS | Agreements to be signed by December 2009                                 | 8/3/09 Tom Pitts will work with water user attorneys to draft commitments by the water users to implement the two-component 10,825 solution and provide drafts for Service review (meetings to begin in September).  |

