

**TO MEMBERS OF THE 10825 STEERING COMMITTEE**

**FROM KERRY SUNDEEN AND CAROLINE BRADFORD, GRAND RIVER CONSULTING**

**DATE JANUARY 3, 2008**

**SUBJECT 10825 BRIEF STATUS UPDATE – JANUARY 2008**

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Happy New Year to all!

Attached are three technical memos (summarized below) that detail the hydrology associated with a variety of alternatives that utilize Ruedi Reservoir, Williams Fork Reservoir and Lake Granby. These memos are also posted on the project web site [www.grandriver.us/10825](http://www.grandriver.us/10825) under the heading 'Notes and Memos.'

**Williams Fork Reservoir paired with Ruedi or Sulphur Gulch**

This hydrology memorandum summarizes the operation of Williams Fork Reservoir in conjunction with two specific alternatives for the 10825 Alternatives Assessment: Williams Fork Reservoir paired with Ruedi Reservoir or Sulphur Gulch Reservoir. An evaluation of the potential changes in stream flow downstream of the reservoir on the Colorado River and Williams Fork River are provided.

**Alternatives that involve Ruedi Reservoir**

Ruedi Reservoir can supply all of the 10825 Water to the 15-Mile Reach, or can be used as partial source of the Recovery Program water when paired with other storage facilities including Sulphur Gulch Reservoir, Buzzard Creek Reservoir, Williams Fork Reservoir or Wolford Mountain Reservoir. Three important hydrologic parameters are addressed in this memo for each alternative involving Ruedi Reservoir: 1. Changes to Fryinpan River stream flow below Ruedi Reservoir, 2. Changes to stream flow on the Roaring Fork River below Basalt and, 3. Changes to Ruedi Reservoir storage content.

**Release of 2,700 AF from Lake Granby**

Lake Granby may be a potential source of 2,700 acre feet of Recovery Program water. The specific terms and conditions in which this source of water may become available are not fully understood at this time. This memorandum summarizes the operation of Lake Granby in conjunction with the 10825 Alternatives Assessment, in the event that 2,700 acre feet of water becomes available from this facility. An evaluation of the potential changes in stream flow downstream of the reservoir is provided for the Colorado River at three locations: 1. Near Kremmling, 2. At Hot Sulphur Springs and, 3. Below Lake Granby.

**Additional combinations of alternatives**

There will likely be additional paired alternatives evaluated based on the information in the various hydrologic and environmental assessments that we have developed and distributed to the group to date. For example, alternatives involving combinations that utilize OMID improvements and/or Lake

Granby with other elements have not yet been fully developed and assessed. Information on these and other combinations of alternatives continues to be explored and will be shared with the group in future memos.

**SAVE THE DATE:** Our next meeting is scheduled for Wednesday, January 23, 2008 at 1:00 PM at the Hyatt Denver Tech Center.

Thank you again for your time and interest in the 10825 Water Supply Study. Please don't hesitate to contact Kerry Sundeen at 970-956-2237, or Caroline Bradford at 970-827-4203, if you have any questions or comments about this information or the materials we distributed to you in December.