

In cooperation with:



Idaho Water  
Resource Board

&



Henry's Fork  
Watershed Council

## Henry's Fork Basin Study

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### Project Status – June 2011 through November 2011

#### I. Work Completed

1. Reported on Basin Study status and presented carry-forward alternatives to the Idaho Water Resource Board.
2. Met with the U.S. Forest Service, BLM, and Idaho Fish and Game to discuss carry-forward alternatives, the basin study process, and objectives.
3. Presented an update of reconnaissance evaluations at an October 25 workgroup planning session in Rexburg.
4. Updated the list of carry-forward reconnaissance alternatives, based on workgroup comments received at the October 25 planning session (see Section II).
5. Reported on Basin Study status at Reclamation's reservoir tour, primarily attended by the irrigation community.
6. Developed a technical memo template specifying the required output of each reconnaissance evaluation.
7. Developed a task order development document outlining the specific work requirements for each individual reconnaissance alternative.
8. Modified the IDIQ contract with CH2M HILL to provide more specific work requirements related to the evaluation of reconnaissance alternatives. The task order development document was incorporated into the contract modification.
9. Held multiple meetings with members of the Idaho Department of Water Resource and CH2M Hill staff.
10. Held seven well attended workgroup session meetings in Rexburg, Idaho. Attendance has been approximately 60 persons per session.
11. Updated *Draft Henry's Fork Watershed Basin Study Needs Assessment*. The focus of the update was increased detail on in basin irrigation needs and more detailed information on the existing environmental flow attributes.
12. Developed an outline and work schedule for an *Interim Report*, due upon completion of the reconnaissance evaluations.

## **II. Updated Carry-Forward Reconnaissance Alternatives**

### Existing and New Surface Storage Alternatives

1. Lane Lake (CH2M HILL)
2. Spring Creek (Canyon Creek)- (CH2M HILL)
3. Moody Creek (CH2M HILL)
4. Upper Badger Creek (CH2M HILL)
5. Teton Dam (Reclamation)
6. Island Park Enlargement – with Cross Cut Canal Enlargement (CH2M HILL)
7. Ashton Dam Enlargement - with Cross Cut Canal Enlargement (CH2M HILL)
8. Moose Creek Surface Storage - with Cross Cut Canal Enlargement (CH2M HILL)

### Managed Ground Water Recharge

9. Expansion of Managed Recharge in Egin Basin (CH2M HILL)
10. Evaluate Recharge in the Lower Teton through Development of New Facilities (CH2M HILL)
11. Recharge Using Existing Irrigation Canals (Reclamation & Dr. Van Kirk)

### Agricultural Conservation and Management (Reclamation & Dr. Van Kirk)

12. Canal Automation
13. On-Farm Conservation Practices
14. Piping and Lining
15. Demand Reduction

### Municipal and Industrial Conservation Alternatives (CH2M HILL)

16. Municipal and Industrial Conservation Alternatives

### Market Based Alternatives (WestWater Research)

17. Evaluate Existing and Potential Market Based Mechanisms