

# Project Status Report—U.S. Geological Survey, Idaho WSC

**Date:** June 10, 2007

**Project number and title:** 9697C1900—Ground-Water Resources of the Wood River Valley, Central Idaho—Phase 1: Assessment of ground-water level and surface-water discharge conditions

**Objectives:** The objective of this project is to provide data and interpretations about the water resources of the Wood River Valley that will allow county and local governments to make informed decisions involving the resource, as well as recommend additional data collection or studies necessary to achieve sufficient information for decision-makers.

**Cooperators:** Blaine County, City of Hailey, City of Ketchum, The Nature Conservancy, City of Sun Valley, Sun Valley Water and Sewer District, Blaine Soil Conservation District, City of Bellevue, Citizens for Smart Growth. All funding directed through Blaine County.

**Cooperator Contacts:** *Primary*—Tom Bowman, Blaine County; Ray Hyde, City of Hailey; Steve Hansen, City of Ketchum; Trish Klahr, The Nature Conservancy; Nils Ribi, City of Sun Valley; Jack Brown, Sun Valley Water and Sewer District; Debra Hall, Blaine Soil Conservation District; Tom Blanchard, City of Bellevue; Kris Olenick, Citizens for Smart Growth

**Project begin and end date:** June 2006 through March 2008 (encompasses phases 1 and 4)

**Project Budget:** \$131,000 (Phase 1) + \$125,000 (phase 4)

**Personnel:** Project Chief—Kenneth Skinner. Other personnel— Jim Bartolino, Molly Maupin, and Annette Campbell. All project personnel with the Idaho Water Science Center, Boise.

**Products:** Maps will be published showing current, historic, and change maps for ground-water levels; hydrographs and gain/loss data for surface water; and a hydrograph of historic precipitation data. The map will be available through the USGS project website. Data and relevant GIS coverages with metadata will be transferred to cooperators and made available online. Details of the ground-water monitoring plan will be presented to cooperators. Phase 4 of the work plan will use data and interpretations from Phase 1, other new information, and previous work to develop an updated hydrologic budget for the Wood River Valley. Construction of a water-use database will be a major component of this effort.

**Progress since last review:** The draft report has been peer reviewed and through an initial editorial review. Many changes were made to the partial-development map and hence the ground-water level change map. Work for the water-budget phase of the project has been approved by the cooperators.

**Plans for next quarter:** The draft report documenting phase 1 of the project will be completed and published. Work will commence on the water-budget phase of the project.

**Support required (Logistical/technical/administrative):** Standard support.

**Problems encountered (budget, data, analysis, timelines, or deliverables):** The draft report experienced extensive review comments and took longer than expected to incorporate all of the reviewer changes.