



# WATER WAYS

Newsletter for Teton Science Schools' Stream Monitoring Program

SEPTEMBER 2005

## Points to Ponder:

- As you plan your field sampling for the upcoming year, keep in mind that site visits are an additional service provided through the Wyoming Stream Team
- Additional supplies are available to restock or round out your Wyoming Stream Team Monitoring Kit
- You can now enter your data via the Wyoming Stream Team Website, so contact Lindsay to obtain a user name and password
- Copies of the Wyoming Stream Team Program Manual are available on the Wyoming Stream Team website
- Powerpoint presentations used at this year's Wyoming Stream Team Workshops on The Clean Water Act, Macroinvertebrate Identification and Physical Parameters of Stream Sampling have been posted to the Wyoming Stream Team website
- Look for the Wyoming Stream Team at the Annual Wyoming Math and Science Teachers Conference this January in Casper

## Wyoming Stream Team Workshops Connect Educators

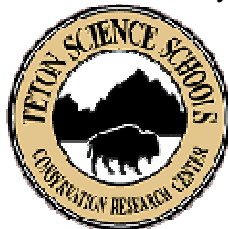
Thirteen educators from Wyoming and its neighboring watersheds descended upon beautiful Trail Lake Ranch near Dubois, Wyoming in late June for four days of training and collaboration. Teachers came from Star Valley Middle and High Schools, Whiting High School in Laramie, Buffalo High and Clear Creek in Buffalo, Tensleep and Moorcroft. We were also delighted to have a representative from Sturgis Brown High School in South Dakota and participants from Teton Valley Community School and Friends of the Teton River located in the Upper Snake River Basin of Driggs, ID. We were also fortunate to have a representative from the Star Valley Conservation District participate in the training. Collaborations between Conservation Districts and schools have been especially successful, so suggest sending a member of your local conservation district to next year's Wyoming Stream Team Workshop.

Lindsay Patterson, Watershed Specialist of the Teton Science Schools, introduced participants to the importance of stream monitoring, the Clean Water Act, and chemical test kits. Don Newton, Wyoming Department of Environmental Quality's Watershed Planner and TMDL specialist, gave participants an overview of the major point and non-point source pollution issues within the state. Cheryl Harrelson a Physical Hydrologist and owner of Steady Stream Hydrology, from Sheridan, Wyoming presented and facilitated field data collection on the physical characteristics reflective of stream health. Robert Hall, University of Wyoming professor, introduced the identification of major aquatic insect orders as indicators of stream health.

The setting was idyllic for a stream monitoring and participants came away with increased knowledge, resources and lots of equipment.

## Chugwater Teachers Begin a Year Long Watershed Study

In mid August, three teachers from Chugwater, Wyoming traveled to Teton Science Schools' Kelly Campus for a three day Wyoming Stream Team Workshop. An interdisciplinary team of five teachers from Chugwater was awarded a \$35,000 grant from Hewlett Packard to study the Chugwater Creek Watershed. Their multi-disciplinary study aims to transcend subject areas by integrating Science, Social Studies, Agriculture and English, and age, by including elementary through high school age students in data collection and analyses. The Chugwater project represents a phenomenal example of integrating teaching across subject areas, as well as learning within the context of local resources. The Chugwater project will help educate both students and the community about the health of their watershed.



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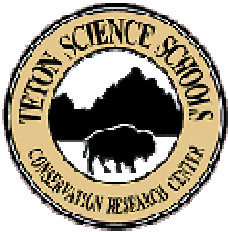
WWW.WYOMINGSTREAMTEAM.ORG



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