

2013 Source Water Collaborative Pilot Program

Sheridan, Wyoming

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- *Unique Contribution:* Utility leadership, diverse capabilities/perspectives of partners, solid CWA data (TMDL, other), using CWA and USDA tools
- *Priority concerns:* sediment, E. coli, Cryptosporidium
- *Goal:* Demonstrate how to integrate CWA programs addressing sediment, E.coli with SDWA regulation of Cryptosporidium.
 - 2010 TMDL, plus additional data/watershed plans
- *Outputs:*
 - Identify and develop BMPs to reduce turbidity contributed from the watershed above Sheridan's drinking water intakes
 - Develop an approved watershed control program plan; implement watershed projects recommended by the plan and designed to protect Sheridan's drinking water sources; assess progress through water quality monitoring and ability to engage affected stakeholders in a transparent and collaborative process.
- *Partners:* EPA Region 8, WY Game & Fish Dept, WY DEQ, USDA (Forest Service), Trout Unlimited, Nature Conservancy, WY Association of Stockgrowers
- *Needs from SWC:* AWWA (technical support to pinpoint sources of Cryptosporidium), NRWA (strategy for local regional adoption and implementation measures), EFCN (expertise in solving funding challenges for environmental programs); advice for engaging key partners, e.g., NRCS
- ***Current Commitments from SWC:***

In addition to EPA/SWC contractor support, key SWC members have agreed to offer the following:

 - The Association of State Drinking Water Administrators commits to using its network of state source water protection experts to share advice, lessons learned in similar projects in other locations, and useful analytical tools to help further the objectives of this project.
 - The Ground Water Protection Council commits to engage its network of state programs to provide support, share lessons learned, and provide communication and outreach support to help further the objectives of this project.
 - Bill O'Connell with the National Rural Water Association will contact the Wyoming Rural Water Source Water Specialist who may be able to provide active, on-the-ground support.
 - The Groundwater Foundation is willing to work with the appropriate individuals in more detail to offer the support of the local Groundwater Guardian program.
 - The Forest Service offered to reach out to their network for case study examples and/regulatory measures if the plan determines they are needed. Forests to Faucets GIS database of forests the land areas most important to surface sources of drinking water and the forests that protect those sources (http://www.fs.fed.us/ecosystemservices/FS_Efforts/forests2faucets.shtml).
 - Steve Via with the American Water Works Association's Government Affairs offered to share information about the various experts in the drinking water community Sheridan may want to contact. Steve compiled a list of seven resources on Cryptosporidium occurrence and source tracking to share with the Sheridan team.