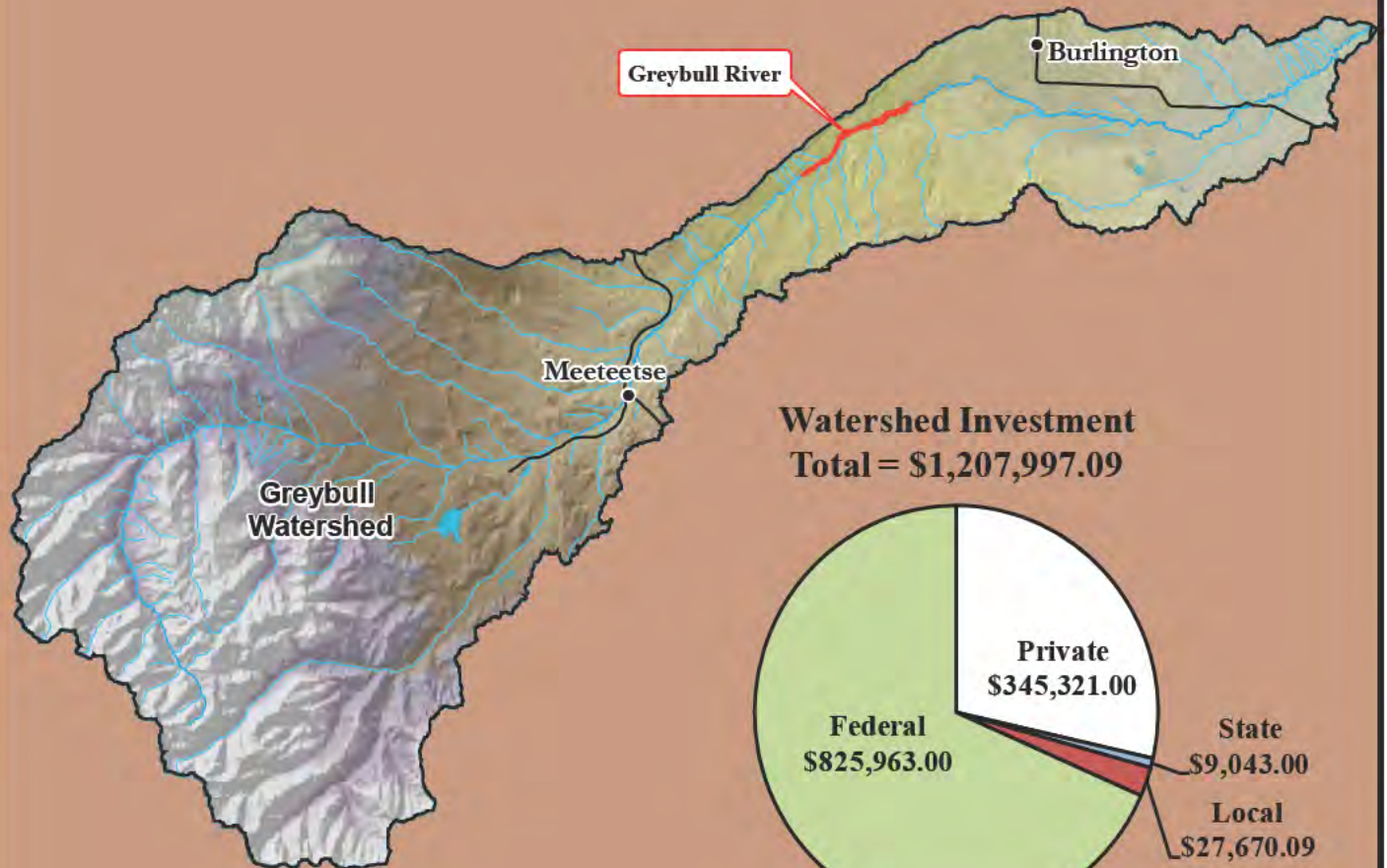
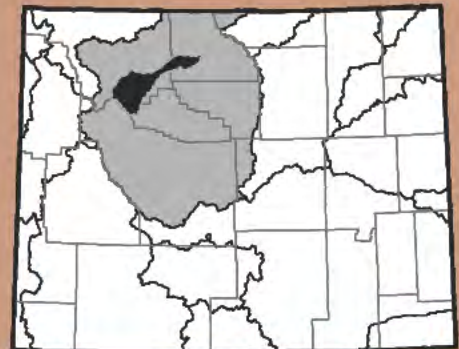


Best Management Practices conducted within the watershed(s)	Number of Each
Animal Waste Best Management Practices	2
Cropland, Pasture / Hayland Best Management Practices	6
Grazing Best Management Practices	1
Hydrologic Modifications / Stream Restoration Best Management Practices	1



Legend

- Municipalities
- Impaired Waterbody
- Highway



B Meeteetse Conservation District Big Horn River Basin

Activities and Progress

The district continues to conduct intensive E. coli sampling and evaluates a number of other parameters on the Greybull River watershed at a minimum of 5 sites within the District.

The Greybull River Watershed Water Quality Management Plan was approved by the Greybull River Watershed Plan Steering Committee following Wyoming statutory rulemaking procedures including comment period and public hearing. Following approval, the MCD Board of Supervisors approved and incorporated the Plan into the MCD's Land Use Management and Resource Conservation Plan on January 5, 2011.

DEQ initiated TMDL development on the Big Horn River watershed, including the Greybull watershed in 2011 and is scheduled to be complete by 2012. MCD is a member of the TMDL technical steering committee.

In the past two years the district and NRCS have initiated numerous projects in the watershed including the conversion of two flood irrigation systems to sprinklers, the installation of a water well, watering system and pipeline, two nutrient management plans with one coral relocation and one under development, removal of Russian olive trees on 132 acres, and irrigation management projects on an additional 64 acres.

In addition to on the ground implementation, the district held a Livestock Issues Update for Small and Large Acreages Workshop which addressed animal management regarding surface water quality by WDEQ WYPDES personnel, and presented topics on rangeland monitoring. The district also held a Living on a Few Acres workshop in cooperation with UW, PCFCD, CCD, NRCS, WGFD and the Park County Weed and Pest.

The district has participated in educational activities, such as presenting the "enviroscape" watershed model to elementary students and worked in cooperation with the local school district, landowners, Game & Fish and TU, to develop an educational field trip day to highlight streams, habitat, biodiversity and range use for youth. The district also supported one recreational education project dealing with invasive species and helping promote the Game and Fish "Don't Move a Mussel" campaign. The MCD has and will continue to disseminate pertinent information via a weekly newsletter and the Barnyards to Backyards publication.

MCD is an active supporter of the WDA Rangeland Health Assessment program, and supports cooperative monitoring for rangeland health. MCD also actively participates as a cooperating agency in both the Big Horn Basin RMP Revision and the Shoshone National Forest Plan revision.

Monitoring Results

Preliminary conclusions from WDA grant project investigating E. coli in streambed sediments indicated that clays, silts, and sands are consistently under erodible or transport capable conditions throughout the entirety of the sampling season. E. coli populations were found in the streambed sediments at the beginning of the sampling season indicating that they exist year round in the stream system.

Partners & Watershed Investment Contributors

Big Horn Basin Resource Conservation and Development Council, BLM, Greybull Valley Irrigation District, Hot Springs Conservation District, Local landowners and residents, Meeteetse Conservation District, NRCS, The Nature Conservancy, Park County Planning Department, Park County Weed and Pest, Powell Clarks Fork Conservation District, South Big Horn Conservation District, TU, UW Department of Renewable Resources, UW Extension, USFS, Wyoming Game and Fish, Wyoming State Legislators,

Wyoming Department of Agriculture, USDA NRCS

