

## PMPC ENVIRONMENTAL PROJECTS

**Name:** Baggs Landfill Design and Repermitting

**Client:** Baggs Solid Waste Disposal District

**Location:** Baggs, Wyoming

**Status:** Completed 2004

### Project Description:

PMPC is preparing an operating permit for the Baggs Landfill and 120 acre lateral expansion. The project includes design of protective liners, leachate collection systems and covers that are affordable by a small, rural community. The design must account for an expected increase in waste disposal due to oil and gas exploration in the vicinity.

PMPC is assisting the landfill district investigate waste disposal options that will optimize use of the lined footprint. The investigation includes developing financial projections so the board can determine the feasibility of bailing waste and researching funding options.

An evapotranspiration cover has been designed that uses a thick, uncompacted soil layer that acts as sponge for soil moisture to move into the soil during precipitation events and out by evaporation and transpiration. The design is an alternative to a prescriptive compacted cover and must be proven to be equivalent.

At the completion of the permitting process, the Little Snake River Valley will have an environmentally friendly waste disposal facility that is projected to last over 150 years and will be reclaimed as a native green space.

