

# GCL used in stormwater pond helps maintain natural habitat for local cutthroat trout

Karns Meadow consists of 41-acres of land in the middle of Jackson, Wyoming. It contains approximately one mile of Flat Creek, which serves as an important spawning habitat for local cutthroat trout.



## PROJECT DETAILS

Karns Meadow Stormwater Pond

## LOCATION

Jackson, Wyoming, USA

## PRODUCTS USED

BENTOMAT® CL GCL

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### CHALLENGE:

Stormwater from E. Jackson Road and N. Broadway was funneling through the town's drainage system into Flat Creek, bringing with it unwanted sediment and chemicals. As a result, the town of Jackson set out to create an improved stormwater treatment and control system that better sustained the natural habitat.

### SOLUTION:

A composite laminate geosynthetic clay liner (BENTOMAT CL GCL) was used to hold water in engineered wetlands and prevent erosion of soils during high flow events.

### RESULT:

The stormwater from Jackson streets now flows through a main channel into settling ponds, which allows sediment and particles to fall to the bottom of the pond before the water enters Flat Creek.

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