

CLASS VI SITE CHARACTERIZATION DATABASE

ABOUT THE PROJECT

Wyoming Class VI Site Characterization Database – University of Wyoming (Laramie, Wyoming) intends to accelerate carbon management storage hub development in Wyoming by providing and verifying the geotechnical data needed for Class VI permit applications in the Greater Green River Basin. The project will maintain a database providing geotechnical information, compiled and verified from established, public geologic databases/entities. The database will also include a record of key social considerations and community benefits that developers may consider when preparing Class VI well permit applications to the Wyoming Department of Environmental Quality.

The proposed database will provide geotechnical information that has been compiled and verified from established, public geologic databases and entities. It also will include a record of key social considerations and community benefits that developers should consider when preparing Class VI well permit applications to DEQ.

Once completed, the nearly \$2 million project will provide carbon developers and DEQ with a comprehensive database to utilize for decision-making while applying for and issuing Class VI permits for the injection of carbon dioxide for geologic sequestration purposes.

The initial focus of the geologic site characterization database will be on three carbon storage hubs identified in Sweetwater County within the Greater Green River Basin. The methodology developed will allow the database to be expanded to other focus areas of carbon storage hubs in Wyoming, specifically the Powder River and Denver Julesburg basins.

PROJECT PARTNERS

Wyoming State Geological Survey (WSGS)

Wyoming Department of Environmental
Quality (DEQ)

AT A GLANCE

Project Total: DOE Funding: \$998,968; Non-DOE Funding: \$999,925

Total Value: \$1,998,893*

Project Duration: 2 years

Objectives: Provide carbon developers with a comprehensive database of geotechnical information for carbon storage in Wyoming.

