

# Engineering Evaluation and Analysis

SERVICES / DAM AND LEVEE



Lake Vermilion Dam



Lake Townsend Dam

## DAM AND LEVEE

GEOPROFESSIONAL  
STRUCTURES AND FACILITIES  
TUNNEL AND UNDERGROUND  
WATER SUPPLY, CONVEYANCE,  
AND DISTRIBUTION  
CONSTRUCTION PHASE SERVICES  
ENVIRONMENTAL  
INFRASTRUCTURE MONITORING  
SERVICES (IMS)  
RISK

Schnabel Engineering DC, Inc. is an affiliate of Schnabel Engineering, Inc.

Engineering services in the following states are performed by Schnabel's respective affiliated entity: Michigan: Schnabel Engineering of Michigan, Inc.; New York/Connecticut: Schnabel Engineering of New York; North Carolina: Schnabel Engineering South, P.C.

Dam safety is a complex issue requiring expertise in hydrology, hydraulic engineering, geotechnical engineering, geology, seismology, surveying, and structural analysis. We bring our cross-functional team of engineers to projects to gain a full understanding of your project site and dam requirements.

Our dam engineering evaluation and analysis consists of three primary phases. The evaluation of design, construction, and performance includes data review and on-site examinations and observations. From the information gathered, we identify and document issues and weaknesses. We report our findings and then work with you to prioritize deficiencies based on the level of seriousness or risk. Whenever feasible, we utilize risk-informed decision-making tools to allow our clients to make the best decision possible on how a project should proceed.