

Design and Construction

SERVICES / DAM AND LEVEE



Lake Ogletree Dam



Cobbs Creek Reservoir

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.

Schnabel provides technically viable and cost-effective dam and levee solutions that address the unique characteristics and purpose of each project. We base our services on a close understanding of each client's needs and budget, site characteristics, impacts on project facilities, and potential positive and negative environmental and social consequences resulting from project development.

With a broad range of experience on all types of dams, our dam design engineering services include site investigations, geotechnical analyses, hydrologic and hydraulic analyses, structural analyses, feasibility studies, detailed design, permitting, and construction oversight services. We also provide associated services such as construction engineering and field testing; dam break inundation analyses and emergency action plans; operation, maintenance, and inspection manuals; project performance monitoring and instrumentation programs; presentations and response to inquiries at public meetings; development of permitting strategies; regulatory review and approval support; and expert witness services.

For new dam and spillway projects, our services range from initial project siting and environmental assessments, through design and construction. The selection of a dam and spillway type needs to be closely tied to performance and cost requirements as well as site topography, prevailing foundation conditions, the availability of local materials for construction, and flood passage requirements. Site factors also greatly influence the selection of special project features to address specific owner-defined needs for level control, diversions, site access, and more.