

**SCOPE OF WORK
SEISMIC ANALYSIS REVIEW
LAKE PETIT DAM, PICKENS COUNTY, GA**

The Lake Petit Dam is located in Pickens County in northwest Georgia. It is 126 feet tall and has a maximum storage of 5,635 acre-feet. The scope of work for this project includes a review of the seismic stability analysis contained within Stability Analyses of Lake Petit Dam (“the study”), prepared by Geosyntec Consultants on behalf of the dam owner. This review is being done in support of the Georgia Safe Dams Program, Environmental Protection Division (“SDP”).

This project will include review of all inputs, calculation methods, and outputs related to the seismic stability analysis contained in the study, as well as an evaluation of the results presented by the design engineer in the study. Coordination with the Design Engineer and the SDP will be required.

The deliverable for this project will be a report including the review engineer’s professional opinion of the appropriateness of the seismic stability analysis as prepared, as well as any issues or concerns with any portion of the seismic stability analysis.

The review engineer must be registered as a Professional Engineer in the State of Georgia. Experience with preparation of seismic stability analyses within the last 10 years is required. A list of seismic stability analyses prepared and/or reviewed by the proposed review engineer must be provided as part of your proposal.