

Lake James Stilling Basin

Marion, NC

Widening of the existing dam at Lake James required construction of a new powerhouse and stilling basin. The side walls of the stilling basin were constructed trench excavation and tremie placement of concrete by Nicholson Construction. Nicholson hired WEC to construct a reinforced shotcrete overlay on the tremied concrete stilling basin walls to provide additional concrete cover over the reinforcing steel and for aesthetics.

Owner: Duke Power
GC: Shaw Power Group
Engr: GEI Consultants
Client: Nicholson Construction



Before



After