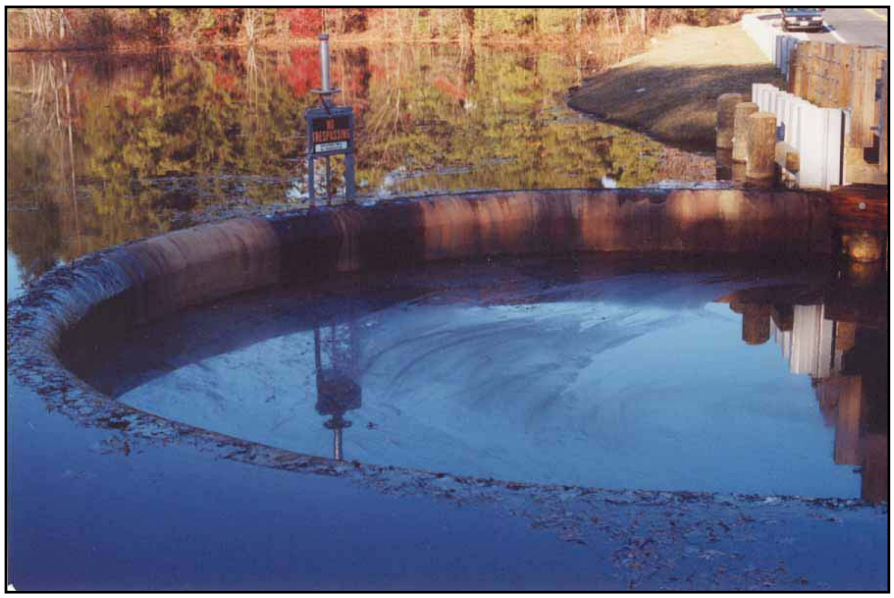
Old Squan Road Dam Located on East Branch Beaverdam Creek

GPI

Dams



Client/Owner: Ocean County

Project Location: Brick Township, Ocean County, NJ

In 1999 Ocean County proposed to undertake a widening project along a stretch of Route 70 in Brick Township. Part of the project included replacing the Old Squan Road Bridge over the East Branch of Beaverdam Creek. Upon review, the NJDEP determined that the existing bridge also included a spillway to create a lake upstream of the bridge and that a permit from NJDEP Dam Safety would be required.

Greenman-Pedersen, Inc. prepared the hydrology and hydraulics as required to design the spillway to meet the NJDEP Dam Safety standards. GPI also prepared an Operation and Maintenance Manual for the new dam.