

Once A Lake Now A Stream

In 1934 the City of Lynchburg built a dam that began to hold back water to make College Lake, which was originally 44.5 acres but is now only 17 acres. Over the years the lake has been filling up with sediment causing the lake to be dramatically reduced in capacity and made the lake very polluted. When a large rain storm came through Lynchburg in the summer of 2018, the water in the lake went over top of the dam causing damage to the dam and causing safety issues for people and businesses down stream. Since then the University of Lynchburg and the City of Lynchburg Department of Water Resources have developed the idea of removing the dam, building a bridge and turning the once lake bed into a wetland. The company AECOM is working with the city of Lynchburg to advise a plan for this project. My mission is to find out the principles that AECOM is going to use to design a restored stream channel that will be flowing through the old lake bed which will now be a functioning wetland.