

Application Story

PROJECT | COAL-FIRED UTILITY, NORTH CAROLINA
Product | Geotube[®] Dewatering Technology
Application | Power & Utility

Location

North Carolina

The Challenge:

A coal-fired utility wanted to increase the capacity of their existing ash lagoons with minimal investment.

The Solution:

Geotube[®] dewatering technology was implemented and provided the utility with two benefits. Not only did this allow for dewatering of the ash lagoons' material, but the filled Geotube[®] units were then used to build up the sides of the lagoons increasing the height of the containment structures for increased capacity of the ash ponds.

The Results:

By using Geotube[®] dewatering technology, the solids increased from 22.5% to 66% in the first 30 days. The filled Geotube[®] containers were curved to fit the contours of the designated area [photo 2]. The resulting raised berms were credited with lengthening the lagoon life by at least two years.



Contact Information:

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