

## Application Story

**PROJECT** | TiO2 PROCESSING, SOUTHEAST  
**Product** | Geotube® Dewatering Technology  
**Application** | Mining & Mineral Processing

**Location**  
**Installation**

**Southeast United States**  
**2004**

### The Challenge:

A processing plant in the Southeast U.S. had reached full capacity in all of its titanium dioxide waste lagoons. To continue operations, the waste materials had to be processed in a new way.

### The Solution:

Geotube® dewatering technology provided the best solution for the plant. A large number of customized Geotube® containers (sized 60' circumference x 464' long) were installed as an inline process to maintain production and ensure environmental compliance [photo 1]. The units were designed to stack up to seven layers high, and they were nested among each other for stability [photo 2]. The stacking capability maximized capacity within a limited footprint.

### The Results:

Dewatered solids averaged 28-35%. Once the waste lagoon area is filled, it will be capped.



### Contact Information:

Toll Free: 888-795-0808 / [www.geotube.com](http://www.geotube.com)

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