



## Pulp and Paper Residual Dewatering

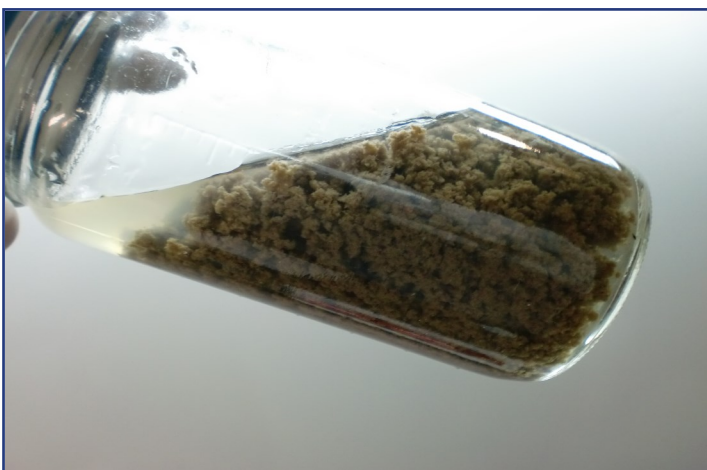
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The rolling out of the Geotube® container prior to filling.



The Geotube® container being filled.



A conditioned material sample, with good water-solids separation, before entering the Geotube® container.

### Objective

A pulp and paper manufacturing company in the state of Washington wanted to use a Geotube® container when normal operations were interrupted due to a system shutdown. The project was started in November 2010.

### Geotube® Container Sizing

Geotube® containers are manufactured from high strength polypropylene fabric and designed to allow effluent water to escape through the pores of the fabric while retaining the chemically conditioned solids. The containment location selected at the site allowed for a 40 foot circumference by 100 foot long Geotube® container to be installed.

### The Result

WaterSolve, LLC's local agent from Clearwater Dewatering was responsible for project startup and to train the client. Plant personnel were shown proper procedures to install, fill, and operate the Geotube® containers. Personnel were also trained to operate the polymer make-down unit, including how and when to adjust polymer dosage prior to the material entering the Geotube® container. The solids will dewater and dry inside the Geotube® container until ready to be burnt in their powerhouse to produce electricity for use in the plant.



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