

Application Story

PROJECT | BENTHIC TABLE WASTE CLEANUP
Product | Geotube® Dewatering Technology
Application | Aquaculture

Location | Salmon Farm
Installation | 2002

The Challenge:

A local salmon farm wanted to create a system to clean up benthic deposits from their ocean environment.

The Solution:

Geotube® dewatering technology played a key role in this cleanup project. The following process was used for the cleanup.

First, a pump was used to extract the benthic deposits and load the material to a tank on a nearby boat.

Once the tank was filled, the boat approached the shore where it pumped the waste into a Geotube® unit.

The conditioning and flocculation was achieved in the line between the boat and the dewatering unit.

The Results:

The benthic deposit materials were treated in two dewatering tests: with and without the use of flocculants. The results were very definitive.

Without Flocculants-- Result was unsatisfactory and the dewatering time was too slow [photo 1].

With Flocculants-- Result was highly satisfactory in terms of water clarity and nutrients removal [photo 2]. This method's dewatering time was very fast.



Contact Information:

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