

Hydraulic Dredging



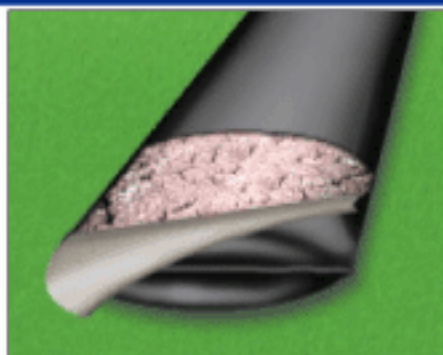
CONTAINMENT

High strength permeable geotextiles with uniquely designed retention properties are fabricated into Geocontainers® that can be filled with fine grain sludge, hazardous contaminated soils, or dredged waste materials. The geotextiles unique weave and fabrication creates small pores that confine the fine grains of the contained material.



DEWATERING

Excess water drains from the Geocontainer® through the small pores in the geotextiles resulting in effective dewatering and efficient volume reduction of the contained material. This volume reduction allows for the repeated filling of the Geocontainer®,. In many cases the decanted water is of a quality that can be returned to native waterways or for reuse.



CONSOLIDATION

After the final cycle of filling and dewatering, the retained fine grain materials can continue to consolidate by desiccation because the residual water vapor escapes through the geotextile. This results in the most cost effective residue state for disposal.

Taken from a brochure

prepared by:  TenCate Geotube

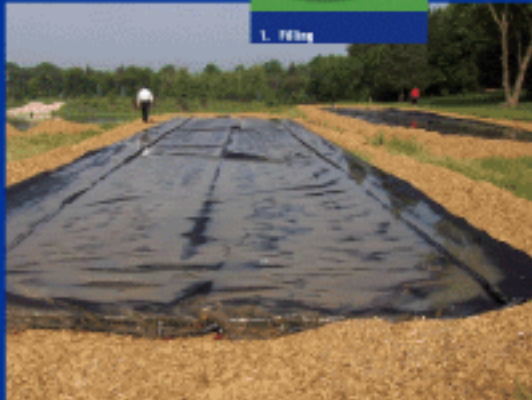
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3. Consolidates



1. Filling



2. Dewatering

