Application: Sediment Dewatering
Product: MacTube®

The Problem
The city of Sterling Heights, Michigan had constructed a storm water retention lake referred to as the Gibson Drain Flood Runoff Area. The overflow from the 5 acre lake drained into the adjacent Clinton River. Siltation occurred which led to a substantial reduction in the lake’s capacity.

The Design
The city of Sterling Heights determined that the best approach was to dredge the lake. However, limited lay down area precluded the use of a settling pond and the expense of a belt press was beyond the city's budget.

The Team
Michigan Aquatic Control of Imlay City, Michigan was selected by the city to dredge the lake. They chose to purchase the tubes from LT Elsey and Sons of Harper Woods, Michigan. LT Elsey is a distributor of the MacTube®. The MacTube® is manufactured by Maccaferri, Inc. of Williamsport, Maryland.

The Result
The Project took 2 months to complete.

Owner:
City of Sterling Heights, MI

Distributor:
LT Elsey & Sons

General Contractor:
Michigan Aquatic Control

Products used:
MacTube®
Geotextile Tube

Maccacferri Inc.