

City of Maysville Wastewater Treatment Facility Solids Removal Banks and Jackson Counties, Georgia

Services Provided:

Design and Permitting
Program Management
Bid Phase Management
Construction Observation

Project Data:

Mobilization, set-up and
demobilization of sludge
removal and mechanical
dewatering equipment
Removal and disposal of
approximately 285 dry tons
of accumulated sludge from
the 4.4 acre wastewater
treatment pond.

Total Project Cost:
\$232,109

Date of Completion:
March 2016

Contact:

City of Maysville
The Honorable Richard
Presley
Mayor
P.O. Box 86
Maysville, Georgia 30558
(706)652-2274



The Maysville WWTF was constructed in 1967 as a 4.4 acre 60,000 GPD oxidation pond. Over the years aerators and baffles have been added to improve treatment capability. However, after 50 years of service, solids in the pond had accumulated to a point where the treatment capacity was hindered. Maysville hired EMI to conduct a solids evaluation of the pond that included a detailed solids profile. A grid system was established across the pond and depth of solids were measured and recorded at each point. This information was used to create a computerized surface of the solids where volumes could be calculated. Following the evaluation, a report was generated and submitted to EPD along with bid documents and plans.

The City received bids on the solid's removal project in September 2015. The Contractor utilized dredging equipment and a portable belt press to dewater the solids that were removed. The solids were transported to a landfill and the project was completed in March 2016.