



Green Bay (WI), USA

Fox River Cleanup

Stuyvesant's affiliated company Boskalis Dolman designed and constructed the processing plant within an expedited one year period. The project is following the proven integrated approach that incorporates the different project components like dredging, processing, dewatering, beneficial use, and transport and disposal.

The Stuyvesant companies are working as a partner subcontractor to Tetra Tech. JF Brennan is responsible for the marine construction and dredging scope of the project. Together these 3 companies form the Fox River Cleanup Group. The project started in 2008 and is expected to last

8 years. It is expected that a total of 4 million CY of PCB contaminated sediments will be dredged from the Lower Fox River in Wisconsin. Three hydraulic dredges are pumping the dredged sediments directly to the processing plant. The plant is designed to process hydraulically dredged sediments with a production rate of 250 in-situ CY per hour or 6,500 gpm. Treatment includes over size debris screening (+ 6 mm), two sizes of sand separation and polishing, followed by mechanical dewatering of the fine contaminated fraction using large Membrane Plate and Frame Presses. A total of 8 of these presses are operated on this project. The aim of the project is to minimize contaminated volume by sand separation for beneficial use and mechanical dewatering of the contaminated fine fraction.

