

The Utilization of 2 Meter x 2 Meter Horizontal Filter Presses for River Dredging Projects

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2 Meter x 2 Meter Horizontal Plate Filter Presses have been selected as the dewatering device for two recent U.S. EPA mandated river dredging projects. In both cases, over a several year period, large quantities of PCB's were discharged into two major rivers. The contaminants posed environmental and health threats to river wildlife and people who eat fish from the river. Extensive dewatering treatability studies were conducted resulting in recessed chamber plate filter press technology being selected to process the fine solids dewatering requirements. This paper will discuss both projects and how the high capacity filter presses will meet the needs of the solids processing phase of the river dredging projects.