



Corrugator Wastewater Design/Build Installation

A local corrugating corporation requested a design/build wastewater system to treat their 1,000 gallon/day of wastewater. The previous Alar system was too labor intensive, required a lot of D.E. as a precoat to the rotary vacuum filter, and required over 50 hp of electricity for pumps, mixers, etc. (30 hp for the vacuum filter alone).



The project included removal of the Alar system and installation of a new Reaction Tank, Floccin Feeder, Mixer, 12 cubic foot Filter Press with new concrete pad, Main Control Panel with PLC controlled process, Floccin Feeder with supersack, and all new conduit, controls, interfacing with the existing EQ Tanks and pumps, and piping. The removal of the old equipment and installation was completed in 4.5 days allowing the facility to maintain production of their corrugating operation. The new system requires only 5 hp to operate, no DE as a precoat for the filter press, minimal operator attention and a total cost of \$125,000.