



Pilot Wastewater Treatment System

Integrated Engineers, Inc. pilot waste water treatment system is portable and can be easily moved from one location to another. The industrial wastewater treatment incorporates the mechanisms and processes used to treat waters that have been contaminated in some way by anthropogenic industrial or commercial activities prior to its release into the environment or its re-use.



The portable waste water treatment plant of the unit is equipped with a 25 gallon batch reaction tank made of polypropylene where the Floccin™ is dispensed through the mounted Floccin Feeder located on the top of the unit. The mixing motor is then turned on and the mixing will continue for a few minutes or until flocculation occurs. The resulting sludge takes approximately 30 minutes to settle as the clear water can then be decanted through the pilot press. ½" diaphragm pumps facilitate the flow of sludge

that will filter through the 250mm pilot press to complete the final stages of liquid/solid separation. The effluent water can be discharge to the sewer or water reuse system.



The system is able to remove contaminants from wastewater meeting and often exceeding EPA discharge standards.