

PSI Process & Equipment



Pumping Services, Inc.
An Employee Owned Company

Serving the Water and Wastewater Treatment Industry in New Jersey and New York

Pumping Services, Inc. service and installation group recently completed a retrofit of a **Polychem** chain and flight in several tanks at a local New Jersey Waste Water Treatment Facility. The retrofit included for Polychem equipment as manufactured by **Brentwood** Industries. Polychem Systems was founded in 1963 and quickly became a leading supplier of 100 percent non-metallic chain and flight collector systems. Brentwood acquired Polychem Systems in 2003, allowing the brand to build a reputation as the industry standard for performance reliability with innovations such as the SmartGuard Monitoring System and the SedVac Sediment Dredge System. For collection systems, Brentwood provides durable Polychem chain and flight systems for rectangular clarifiers and offers designs for specialized applications such as dissolved air flotation tanks and oil/water separators. Polychem non-metallic collector systems have earned a reputation as the industry standard for performance and reliability. Whether it's providing cost-effective design recommendation for new clarifier construction or evaluating and retrofitting existing clarifiers, PSI along with **Brentwood's** team of engineers and sales personnel have the necessary knowledge and experience to help customers with projects of any size.

Operating in clarifiers over 300 feet long and 33 feet wide, as well as in heavy-duty stacked clarifiers, Brentwood's top-quality Polychem products and components continue to produce field-proven results by handling the most severe sludge-loading and complex tank geometry situations.



Pumping Services, Inc. installation and service group recently completed a retrofit of a Polychem chain and flight system at a Waste Water Treatment Facility

This PSI retrofit installation consisted of a 4-Shaft Collector which removes bottom sludge and transfer it to a sludge hopper at the influent end of the clarifier while also skimming out floating surface scum and discharging it via a scum pipe. Polychem Engineered systems are comprised of the finest-quality, non-metallic components available in today's market, from rugged sprockets and head shafts to innovative chains and flight profiles. We offer replacement components for competitors' equipment and perform on-site inspection for evaluation of wear conditions through our complete aftermarket sales service and retrofit program. Contact Pumping Services, Inc / PSI Process and Equipment team for your new clarifier/retrofit needs.



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