Sulzer pumps reduce downtime at water utility

Winslow Township is the largest town in Camden County, NJ, USA. The town runs its own in-house water and sewer utility. The pumps installed in the two pumps stations—Ivy Hall and Victoria Manor—often clogged and experienced reliability issues. Even partially clogged pumps greatly reduce energy efficiency. Customer callout time and overtime to service these stations was very high.

> *The Sulzer ABS XFP pumps have been performing exceptionally well without any problems. Their rag-handling ability has been exceptional, and our operators love them. We will definitely be adding more of these pumps to our system and would recommend them to others.*
>
> **The customer at Winslow Township, NJ, USA**

The Sulzer difference

- 520 hours per year of service overtime and USD 20'000 saved since the installation of Sulzer's reliable sewage pumps.
- 28% of pumps from Winslow Township's lifting stations have been upgraded with Sulzer pumps.
- > 2'500 residences are now being serviced by Sulzer pumps in the area of Winslow Township.
- The Sulzer facilities in Easley, SC and Meriden, CT provide strong service and technical support.

The state-of-the-art manufacturing site in Easley, SC, USA, offers a top-notch test facility for submersible wastewater pumps

The challenge

The Winslow Township sought relief from its clog-prone, unreliable pumps. The customer required strong local service support and superior product technology to solve their problem.

The solution

Sulzer supported Winslow in the upgrade and expansion of its municipal water and sewer system by supplying Ivy Hall and Victoria Manor with more reliable submersible sewage pumps type ABS XFP. These pumps handle the tough solids better than the competitor's clog-prone pumps did. To better service its customers locally, Sulzer invested by leveraging the state-of-the-art manufacturing facility in Easley, SC, for configuration and testing of submersible wastewater pumps.

Customer benefit

- The Sulzer pumps provided with Contrablock Plus impellers immediately solved the clogging issue.
- Winslow Township has not experienced any clogging with these pumps in over a year of service.
- Reduced down-time and energy consumption.
- Maintenance personnel have had more time to attend to other municipal maintenance issues aside from unclogging or servicing pumps.
- The XFP pumps benefit from significantly efficient Premium Efficiency IE3 motors and hydraulics, resulting in substantial energy savings.

Product data

Sulzer submersible sewage pump type ABS XFP provides reliable, economical pumping of heavily polluted sewage in commercial, industrial and municipal applications.

	XFP 100G CB1 PE210/4	XFP 150E CB1 PE75/4
Flow	183.3 m^3/h (807 USgpm)	215.8 m^3/h (950 USgpm)
Head	23.2 m (76 ft.)	5.8 m (19 ft.)
Impeller diameter	270 mm	190 mm
Frequency	60 Hz	60 Hz
Hydraulic efficiency	70.2%	58.8%

For more information on our submersible pumps, please visit sulzer.com.

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Contact

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