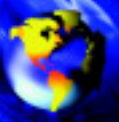




System Application



SMITH & LOVELESS INC.

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N.Y. Town Relies on PISTA® Grit Removal System to Protect WWTP



Application: Cortland, NY
S&L Equipment: PISTA® Grit Removal System
Installed: 1995

The city of Cortland, N.Y., has used other grit removal systems in the past. But Operator Wayne Swindon says that none compare to the **PISTA®** Grit Chamber Model 20.0A now used by the Cortland Wastewater Treatment Plant (CWWTWP) and operated by Ogden Yorkshire Water. The city installed the **PISTA®** Grit Chamber in 1995. Previously, Cortland had relied on both mechanical units and non-mechanical gravity grit removal systems. Swindon said the **PISTA®**'s performance is superior.

"It was a big improvement," said Swindon. "I'd never used a **PISTA®** Grit Chamber unit before, but I like it very much. The quality of grit removed is excellent."

PISTA® Grit Removal Systems consistently outperform their competitors, because of their unique in-line design. This design hydraulically separates the inlet and outlet channels by 360 degrees, placing the inlet and outlet channels into the flow-line. The **PISTA®** Grit Chamber's inlet design directs grit to its exclusive flat-bottom floor, and confines movement to the bottom of the chamber for removal by the Top Mounted **PISTA®** Turbo Grit Pump. The **PISTA®** Grit Chamber is remarkably efficient, and consistently outperforms other grit removal systems in field tests. Yet at the same time, it is remarkably simple, with fewer moving parts than competitors' designs, increasing reliability. That reliability has been key to Swindon and the CWWTWP.

"We've had good luck with the system," he said. "We haven't had to purchase any parts, and it hasn't caused any down-time."

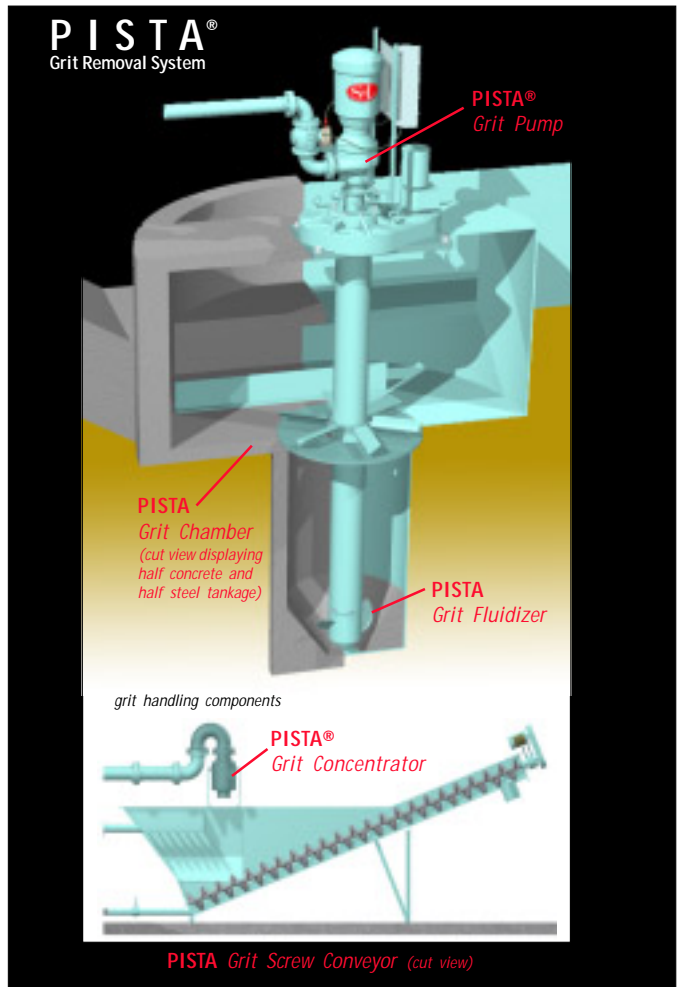
Swindon also mentioned that, unlike some other equipment he has used, the **PISTA®** is the kind of system that he can inspect on Monday mornings without worrying that it had some sort of service problem while he was away. Even during extreme hydraulic conditions, the **PISTA®** performed flawlessly. For a period in January 1996, while the city was experiencing flooding, the unit handled flow rates at its design capacity of 30 mgd without difficulty.

Swindon says that he is a satisfied customer, not only happy with the product itself but customer service as well.

"If I had to make the decision now, I'd definitely choose the **PISTA®** Grit Removal System again," Swindon said.



The Cortland WWTP in upstate New York relies on innovative Smith & Loveless **PISTA®** Grit Removal Equipment. The entire system is below.



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