



OverWatch™ Direct In-Line Pump System

Success Story

Regular cleaning from clogged pumps leads to the first OverWatch™ Direct In-Line Pumping System in Northern France

Overview

In 2003, the wastewater lift station in the commune of St. Rémy de La Vanne, France was experiencing regular clogging, additional cleaning, and equipment corrosion. This caused increased cost and frustration to the department. The maintenance team wanted to minimize costs and downtime, so they were in search of a solution to bring an end to these problems. After extensive research and engineering support from our technical team, the company Générale des Eaux of Coulommiers chose OverWatch™ Direct In-Line Pumping Technology.

The wastewater lift station is operated by Véolia. A OW31/4-3kW was installed to handle 80gpm at 98ft of head. This was the first OverWatch™ System installed in Seine Et Marne department. With the proven success and reliability of this pumping system, the company has standardized all of their departments with the use of this hassle free technology. This French Department now has installed 220 OverWatch™ systems.

PROBLEM

- Corrosion of the critical equipment
- Regular downtime and increased maintenance from clogged pumps
- Increased repair and wet well cleaning costs



The OverWatch™ Direct In-Line Pumping System has been running seamlessly, without the previous problems since installation

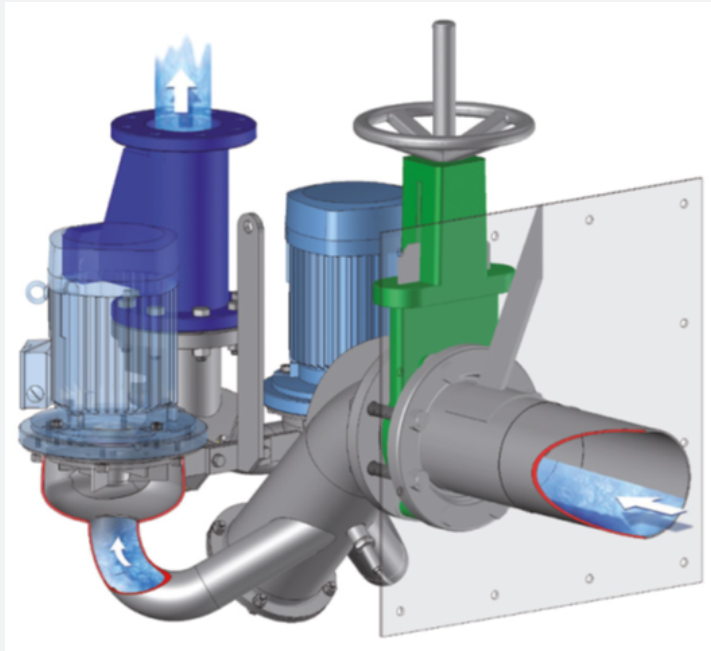
FEATURES

Immersible IP67 IE3 Motors

Modulated pumping driven by variable speed drives for optimized performance and savings

Optional DIPCut® Shredding impeller for self cleaning operation

Shared stainless steel hydraulic body



Isolation valve for easy maintenance

Stainless Steel wall flange supplied for easy mounting

Optional remote monitoring allows for control anywhere

Stainless Steel level pressure sensor

Stone trap/Clean out

Eliminating the wet well to maximize safety; minimize maintenance

The OverWatch™ Direct In-line Pumping Technology creates an environment that eliminates wet well maintenance, exposure to dangerous gases and hazards associated with retained effluent, while saving 30% on energy costs and 65% total savings over the life of the pump. Lifting liquid as it arrives removes the opportunity for whip, fats, oils or greases to build up and solidify. The VFD controlled pump allow the system to adjust it's performance real-time; reversing operation to remove clogs. With over 2000 installations globally, OverWatch™ is maximizing safety and minimizing risk by retrofitting current lift stations all over the world.

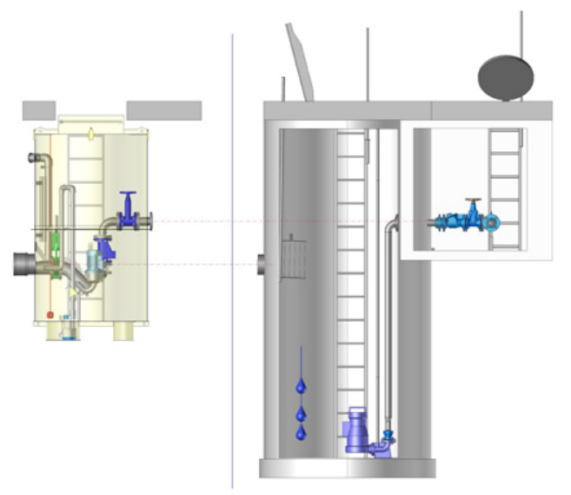
BENEFITS

- Eliminates the wet well and hazards associated with them
- Constant self monitoring operation allows the system to adapt real-time to the environment, adjusting motor performance to the incoming flow and eliminating potential clogs without human intervention
- Reduced maintenance; no screen or well cleaning; no scheduled site visits.

APPLICATIONS

- Munciple retrofits or new wet wells
- Residential, commercial or industrial ejector pumps
- In-line pipe booster systems

Direct In-Line vs. Traditional Installation



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