



INDUSTRIAL
FLOW
SOLUTIONS™

CASE STUDY
OverWatch®
FRANKLIN, MA, USA

Overcoming Aging Infrastructure Challenges: The Upgrade of Franklin's Wastewater Technology to OverWatch®



Problem

For over four decades, the town of Franklin, MA relied on a pneumatic ejector system at its lift station to manage wastewater. However, the system reached the end of its operational life, presenting significant challenges. The outdated technology operated with two ejector pots, two air compressors, two air receivers, and separate controls for each component. Maintenance involved regular replacement of drive belts and oil changes for the air compressors, tasks that became increasingly difficult due to outdated technology. Finding replacement parts for the ejector pots became problematic and costly.

As the system aged, it became more maintenance-intensive and prone to breakdowns, risking reliable sewage handling. Its inefficiencies were worsened by non-flushable items, budget constraints, and potential environmental & public health risks.

Faced with escalating costs and frequent operational disruptions, Franklin officials had an urgent need for a long-term solution. Repairing the existing system was economically unfeasible due to high maintenance costs and the scarcity of replacement parts. This prompted the town to seek a robust, sustainable replacement that could seamlessly integrate into their current infrastructure without extensive construction or downtime.

Solution

In response to the challenges posed by the deteriorating ejector system, the town of Franklin opted to upgrade to the OverWatch® Direct In-Line Pumping System. This innovative solution offered a maintenance-free alternative that **retrofitted seamlessly** into the existing infrastructure space. OverWatch was designed to handle wastewater efficiently, featuring advanced capabilities such as solids-passing and self-cleaning mechanisms.

The OverWatch system **reduced maintenance** needs and **eliminated clogging** from improperly disposed items such as wipes and rags. Unlike traditional wet well systems with submersible pumps, which required extensive construction for installation, the OverWatch system was retrofitted with **minimal construction modifications** and was commissioned in the fall of 2023.

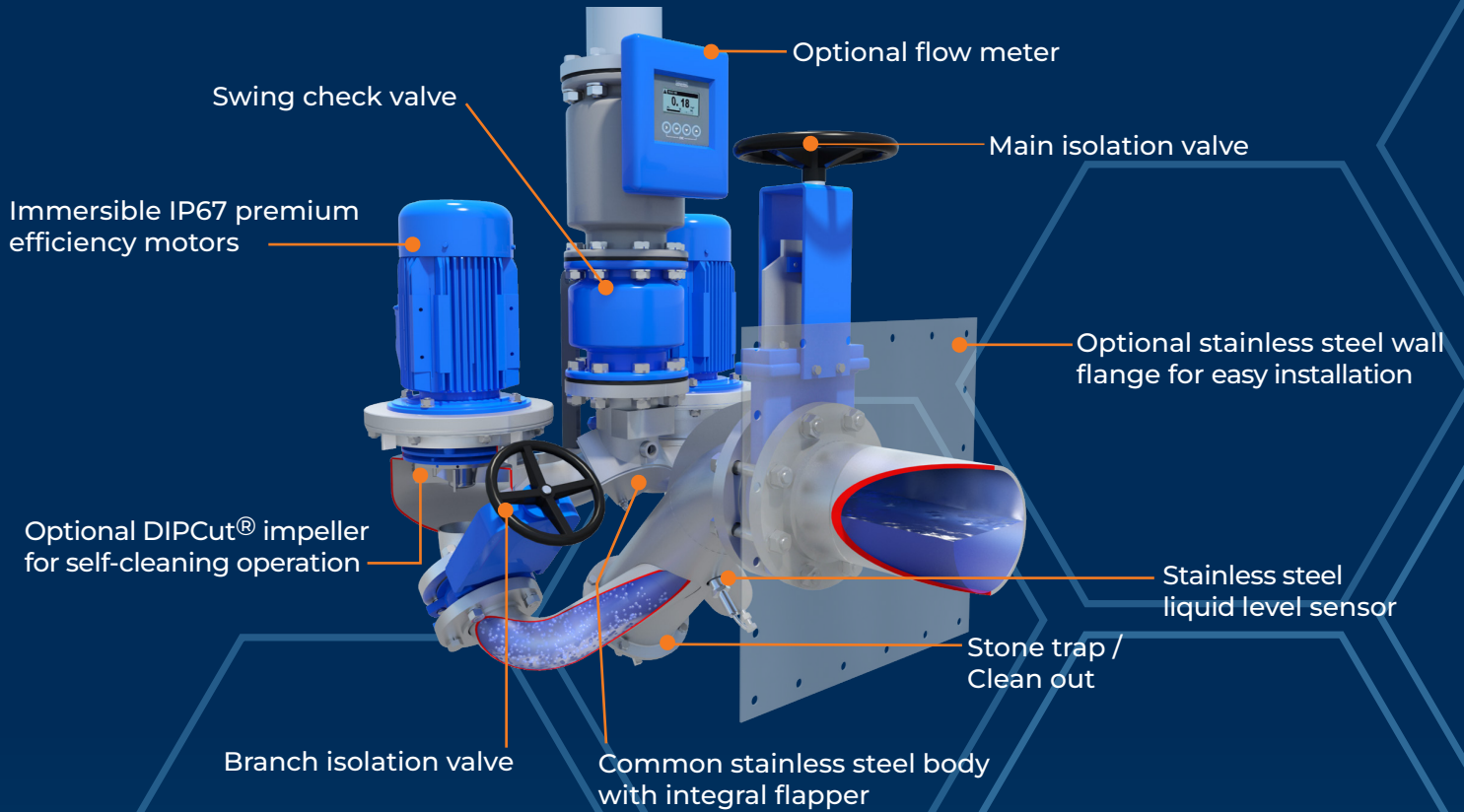
Since installation, the OverWatch Direct In-Line Pumping System has operated flawlessly, requiring no unplanned maintenance. The town of Franklin looks forward to enjoying years of uninterrupted service from their upgraded wastewater handling solution.





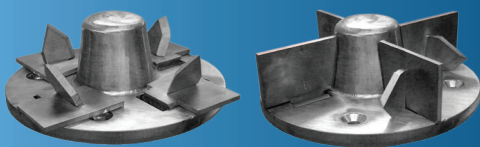
OverWatch®

Direct In-Line Pump System



OverWatch® Direct In-Line Pump System by Industrial Flow Solutions™ is a breakthrough technology designed to lift influent from the point of entry, eliminating the wet well. Influent is contained, eliminating odors, and reducing maintenance. The stainless-steel body is designed to withstand the effects of corrosion from harsh materials and solutions, making **OverWatch®** an ideal solution for the Municipal, Industrial, or Commercial industries.

STAINLESS STEEL IMPELLER OPTIONS



DIPCUT®

Shredding

Pumping



VORTEX



HIGH EFFICIENCY



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