



INDUSTRIAL
FLOW
SOLUTIONS™

CASE STUDY
OverWatch®

Lebanon, TN, USA
Industrial | New Construction

OverWatch® Direct In-Line Pump System Enhances Efficiency for Pet Food Manufacturer's Expansion



BEFORE



AFTER

Problem

A leading manufacturer of high-end pet food products in Tennessee encountered challenges expanding their production capacity with the addition of 100,000 square feet, production lines, and washing equipment.

Increased wastewater flow rates overwhelmed the existing conveyance system, while **limited expansion space** restricted facility design options. A traditional wet well-style pump station, which required deep excavation and a larger surface footprint, was not feasible for the site. Concerns over submersible pump cycle times, **odors, and bacteria** associated with open pits led the company to seek a more efficient solution.

The OverWatch® Direct In-Line Pump System effectively addressed these challenges.

Solution

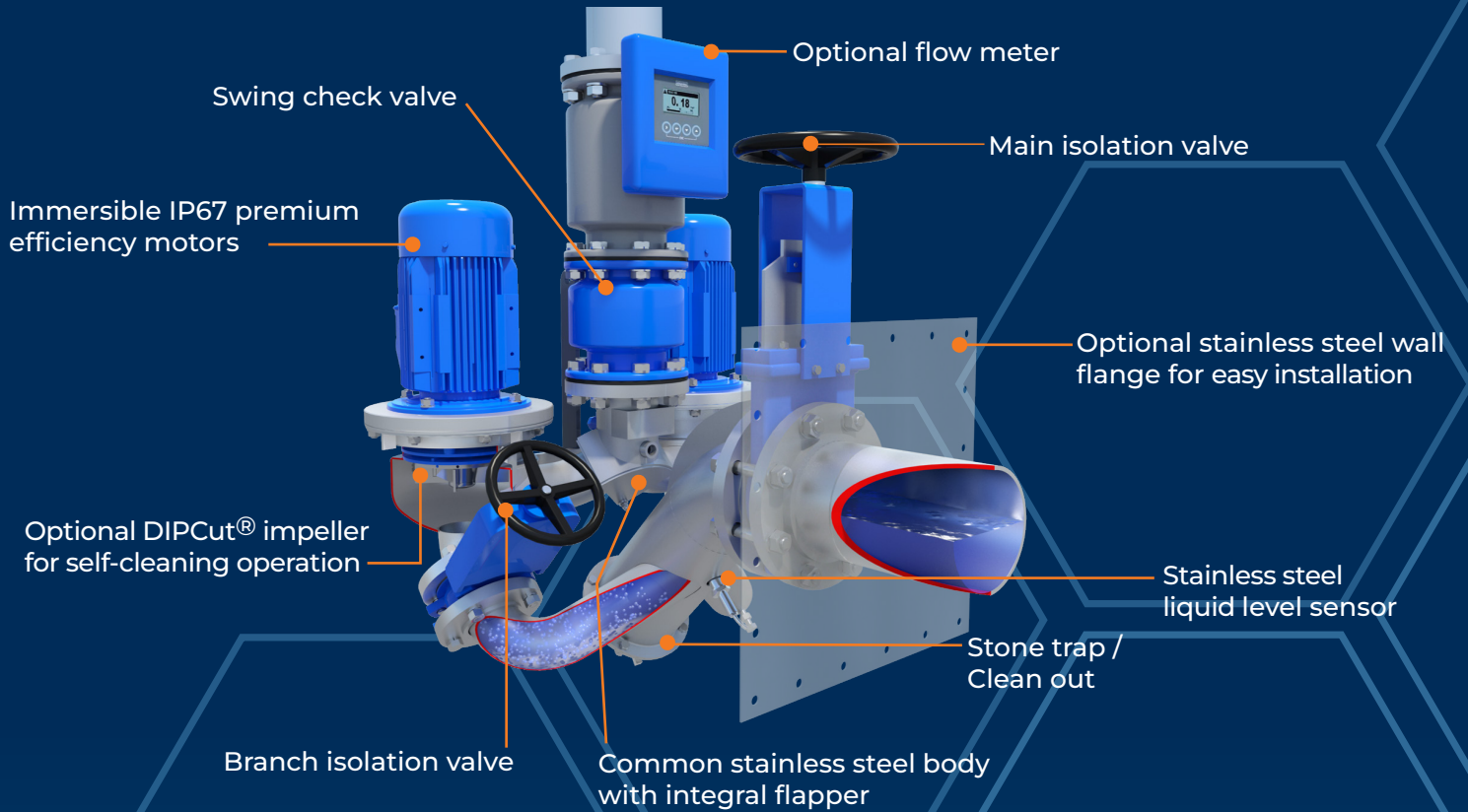
The manufacturer implemented the OverWatch® Direct In-Line Pump System, replacing the wet well with a modular design that fit into a shallow 48" deep basin. Installed through a 30" manhole opening beneath a pedestrian walkway, the system prevented odors and bacteria while responding in real time to fluctuating wastewater flow rates. This **minimized the buildup of fats, oils, and grease (FOG)** and **eliminated the need for costly odor suppression**.

The OverWatch® system **reduced construction costs**, simplified maintenance, and **improved health** and safety conditions on the production floor. With quick installation, factory-tested components, and easy servicing, it provided a **cost-effective** and efficient solution to support the company's expanding production.



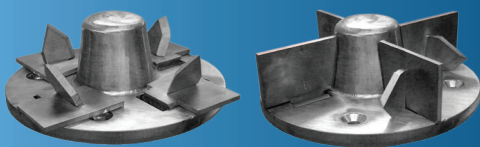
OverWatch®

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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