



INDUSTRIAL
FLOW
SOLUTIONS™

CASE STUDY
OverWatch®

Phoenix, AZ USA
Cost Savings: **\$500,000**

Replacing Traditional Wet Wells: How a Courthouse Modernized Wastewater Handling with OverWatch® Pump System



Problem

The government required a Federal Courthouse in Phoenix, Arizona to replace its aging pneumatic injector system. The planned replacement, a traditional Yeoman system, was **expensive** and estimated to cost over \$500,000 and take **over a year to complete**.

The courthouse faced unique challenges: the existing pit was located near air conditioning units, and the entire basement housed critical utilities, including power sources and other essential equipment. Converting the pit into a conventional wet well with submersible pumps would have introduced significant **odor problems** throughout the building. Additionally, sealing the pit was not feasible, further complicating any traditional installation.

The courthouse required a solution that would eliminate odors, reduce maintenance, and prevent costly and disruptive construction.



Solution

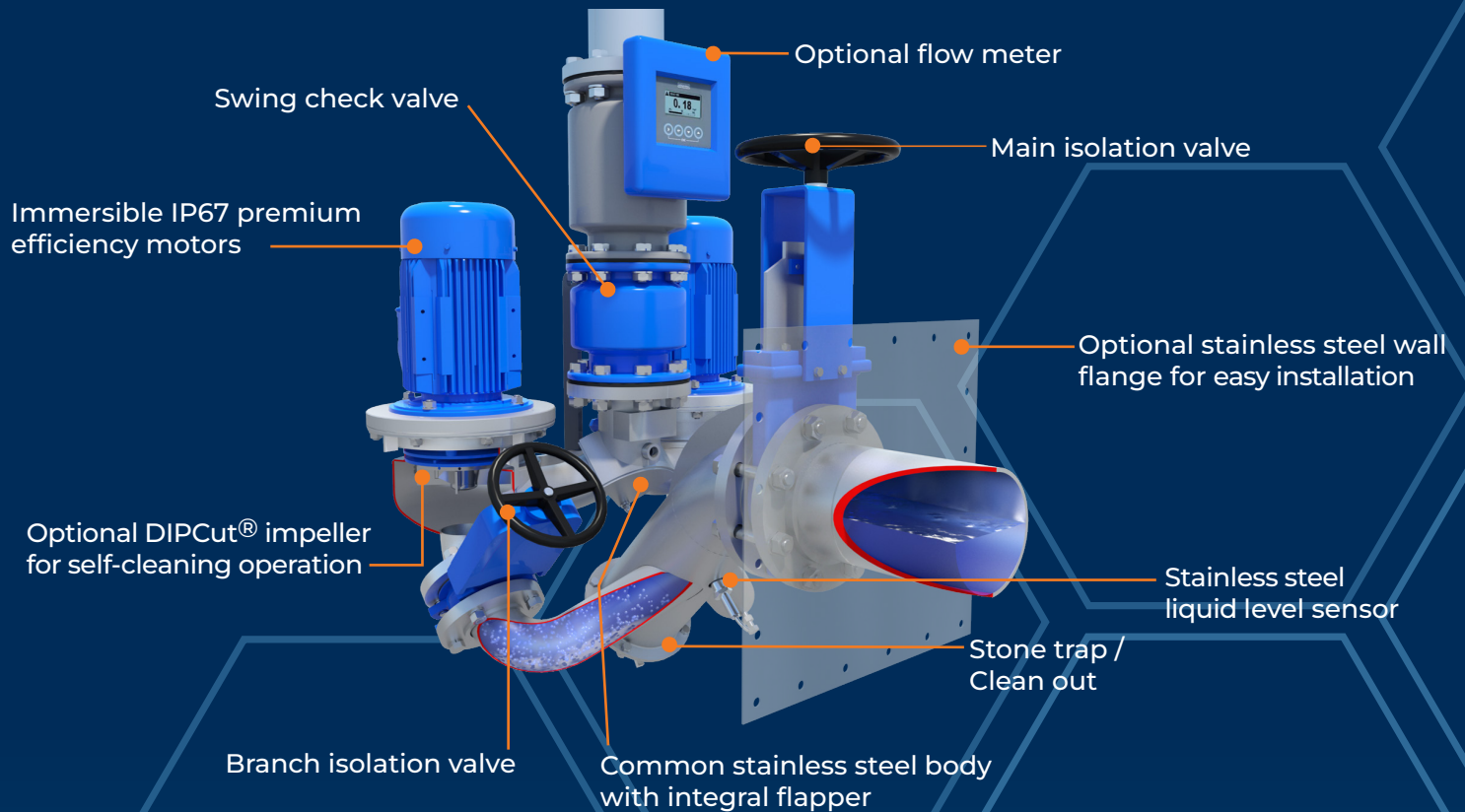
After seeing a demonstration of the OverWatch® Direct In-Line Pump System at WEFTEC, courthouse officials determined it was an ideal fit. Unlike traditional systems, the OverWatch eliminates the wet well by lifting influent directly from the point of entry, containing it to prevent odors, and reducing maintenance requirements.

The courthouse installed an OverWatch system at a **significantly lower cost** than the alternative. The stainless-steel body ensures durability against corrosion from harsh materials and solutions, making it suitable for commercial and municipal environments.

Since installation, the OverWatch system has been highly effective, providing **reliable operation without odors**, earning praise from courthouse personnel who operate the system daily. This solution **saved time and money** while **avoiding disruptions** to the building's critical utility operations.

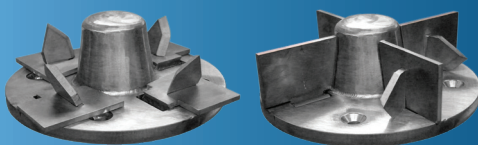
OverWatch®

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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