



INDUSTRIAL  
FLOW  
SOLUTIONS™

CASE STUDY  
OverWatch®

Glasgow, Scotland  
Municipal | Retrofit

## OverWatch Transforms Service Water Reliability at a Major Scottish Wastewater Treatment Plant



### Problem

A major wastewater treatment facility in Scotland was struggling with aging service water pumps plagued by chronic vibration, mechanical failures, and constant downtime. With one pump frequently out of service for repairs, the site was left relying on an increasingly fragile and costly system.

Because service water is critical for washdown, maintenance, and day-to-day operations, inconsistent pressure created significant operational and resilience risks for one of Scotland's most strategically important wastewater assets.

"We'd been working at this site for some time and knew the service water issue wasn't something that ongoing, never-ending repairs were going to fix. The existing pumps were fundamentally unreliable, and the site couldn't afford that level of risk. We'd already seen how OverWatch performs in wet well replacement applications, and it was clear that, combined with a tank, it could provide exactly what was needed here: stable, on-demand service water at consistent pressure.

**It's a great example of using proven technology in a smarter way, and it's delivered a far more resilient, lower-maintenance solution for one of Scotland's most critical water assets."**

Stevie Brown, Technical Director, ETS

### Solution

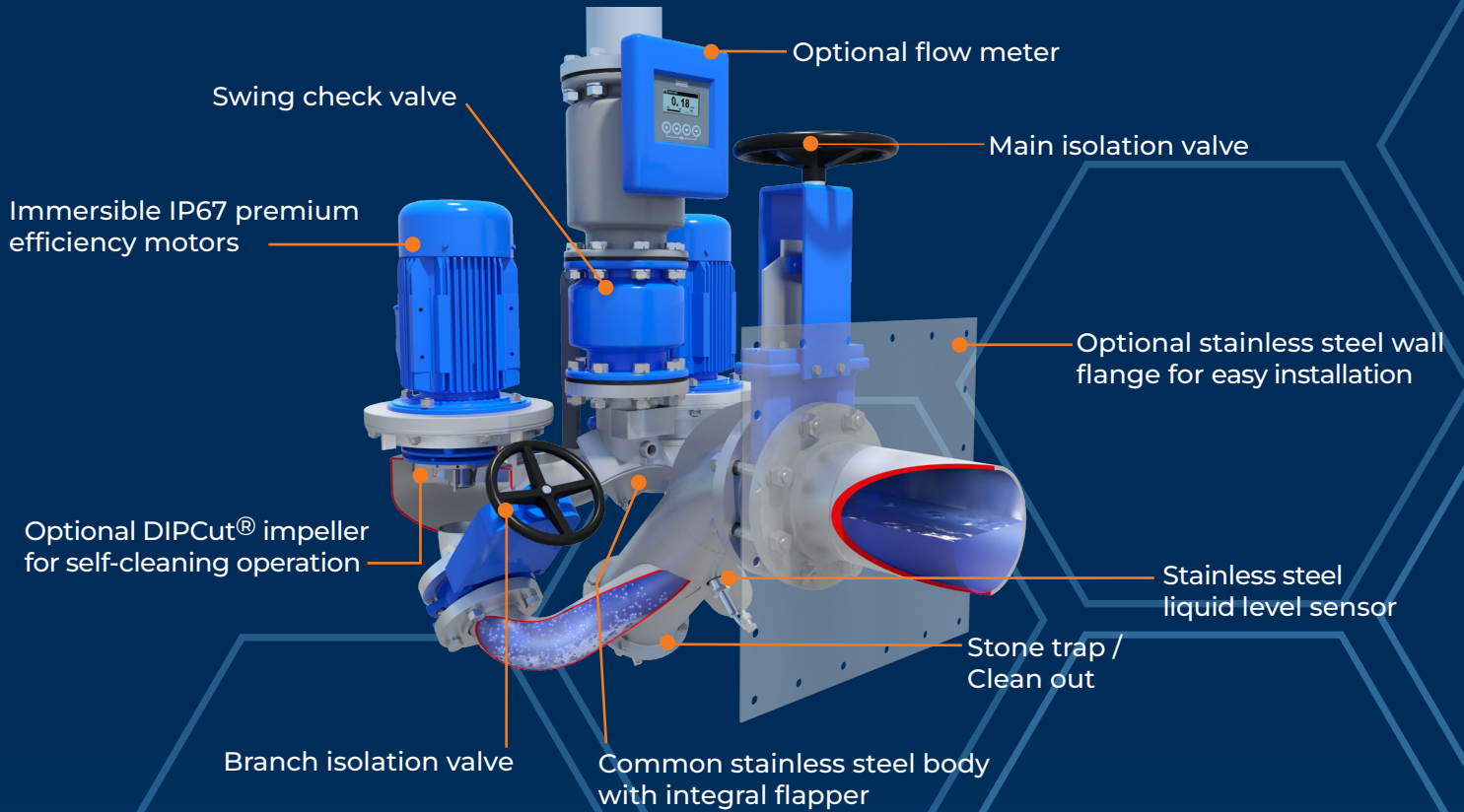
ETS, an authorized distributor of OverWatch® by Industrial Flow Solutions™, recognized that the issue extended beyond routine maintenance and was a system design problem. Leveraging their extensive knowledge of the site, ETS proposed a reconfigured solution using OverWatch technology with a dedicated tank arrangement.

Powered by DERAGGER® and PowerMonitor™ intelligent controls, the system delivers stable, on-demand service water while eliminating the vibration and mechanical stress associated with the legacy pumps. The solution resolved the site's long-standing reliability and pressure issues, reduced maintenance and lifecycle costs, and improved operational confidence through a more resilient and efficient service water system.



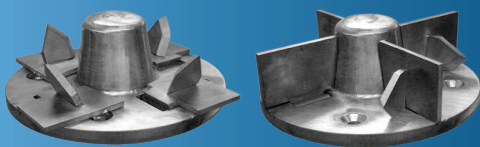
# OverWatch<sup>®</sup>

Direct In-Line Pump System



**OverWatch<sup>®</sup> Direct In-Line Pump System** by Industrial Flow Solutions<sup>™</sup> 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<sup>®</sup>** an ideal solution for the Municipal, Industrial, or Commercial industries.

## STAINLESS STEEL IMPELLER OPTIONS



**DIPCUT<sup>®</sup>**

Shredding

Pumping



**VORTEX**



**HIGH EFFICIENCY**



**INDUSTRIAL  
FLOW  
SOLUTIONS<sup>™</sup>**