



"Flushable" wipes plagued a high-rise until an OverWatch® Direct In-Line Pump System was installed



Problem

The 23-story, 320-unit high-rise in Austin, TX, faced severe operational issues due to frequent clogging in their submersible pump stations, primarily caused by “flushable” wipes. These wipes, although marketed as flushable, would not dissolve and instead formed stubborn clogs when they solidified in the wet well.

This led to:

- **Constant Clogging:** The persistent issue of clogs due to wipes led to frequent pump failures and operational disruptions.
- **Excessive Maintenance Costs:** Emergency service calls were necessary to address the clogs, leading to significant and unbudgeted maintenance expenses.
- **Offensive Odors:** The wet well environment, exacerbated by the clogs, produced unpleasant odors, affecting the living conditions in the building.

Despite multiple warnings to residents about the impact of flushing such wipes, the building management had limited control over compliance, which compounded the problem.

They needed a solution that would enable the team to concentrate on their core mission: ensuring exceptional living conditions for the residents.



Solution

To tackle the persistent clogging issues, the team chose OverWatch® Direct In-Line Pump System, designed to address the root cause of the problem by **eliminating the wet well**. The solution process included:

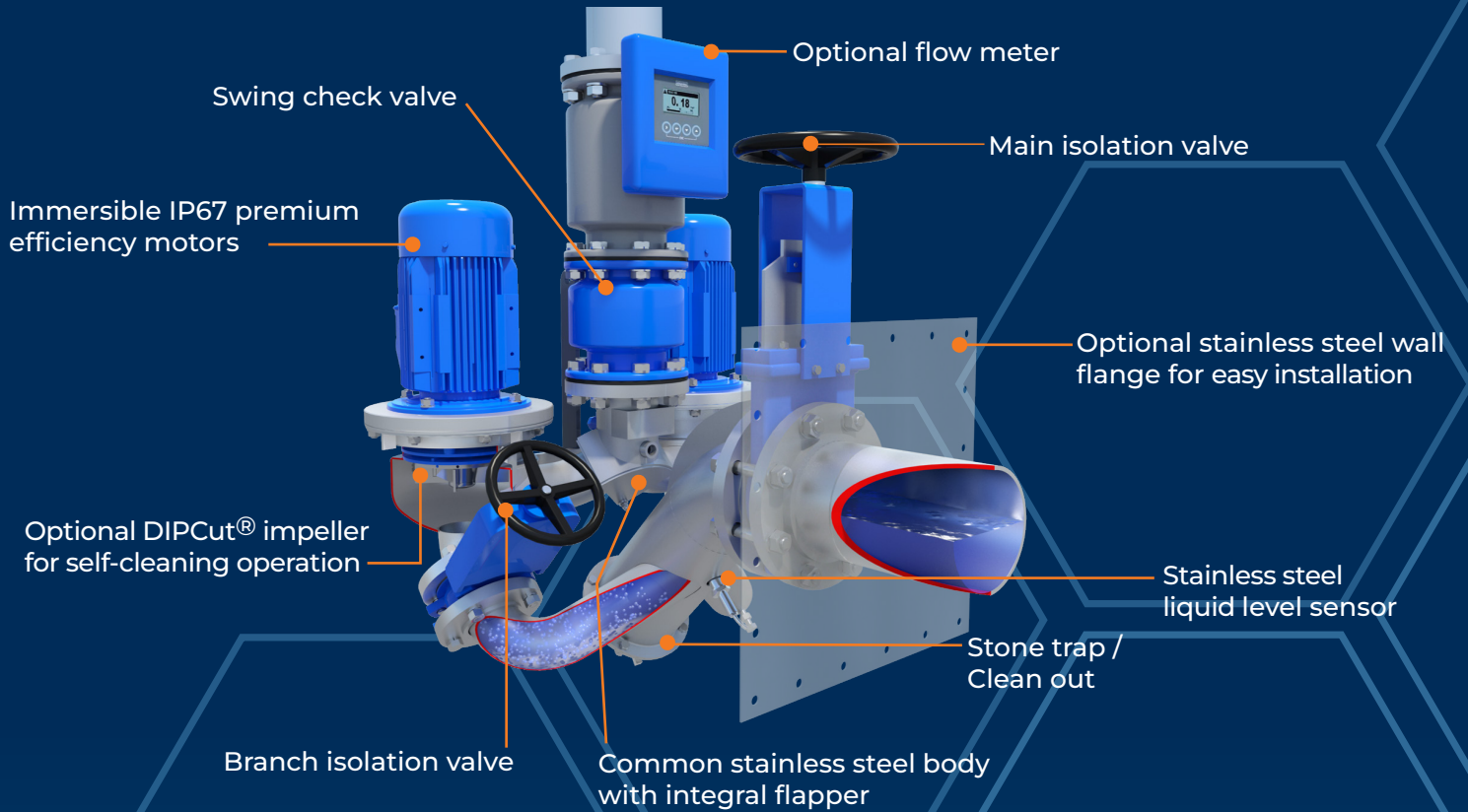
- **Removal of Old Equipment:** Pumps of Houston quickly removed the outdated pumps, piping, and controls. The valve vault, previously necessary, was no longer required and was removed, simplifying construction and maintenance.
- **Transformation to a Dry-Pit:** The OverWatch unit, pre-tested, pre-wired, and assembled, was installed in just one day, converting the wet well into a clean, dry pit.
- **Direct Suction and Discharge Setup:** With the OverWatch system installed 10 feet below ground, the team connected the suction directly to the gravity invert and constructed the discharge piping.

OverWatch was specifically chosen for its ability to **handle wipes, fats, oils, and greases (FOG)**. By lifting influent directly from the gravity invert and maintaining it in solution, the system **prevented clogs** and **eliminated odors**, thereby reducing maintenance needs and enhancing overall operational efficiency. The installation of OverWatch not only addressed the immediate clogging issues but also contributed to a cleaner, more reliable pump station, allowing the management team to focus on providing exceptional living conditions for the residents.



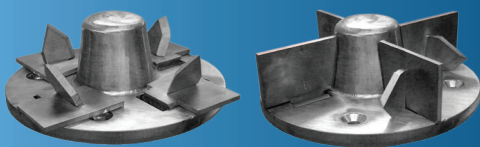
OverWatch®

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



INDUSTRIAL
FLOW
SOLUTIONS™