



**Johnson
Screens**

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The City of Olney, TX Makes a Long-Lasting Investment in their Future with Triton® Underdrains

With faster, lower-cost installations and exceptional performance proven to withstand the test of time, Johnson Screens' Tritons are a win-win!

Background

The City of Olney, TX had three filter basins that were outdated and in dire need of overhaul. With assistance from Johnson's representative Water and Waste Management in Carrollton, TX, the consulting engineers of Corlett, Probst and Boyd selected the Triton underdrain as the base design of their filter retrofit project.

"I wanted something solid that would give the City of Olney a dependable and long lasting investment. I looked at all the underdrains and Johnson Screens was the only one that offered a stainless steel option as well as a PVC option in their product" says Michael Cox, P.E. for Corlett, Probst and Boyd.



Challenge

Management of a water treatment facility is serious business. The residents of Olney wanted a product they could rely on day in and day out, and were looking to improve their process and filter performance by rebuilding these units.

The problem is there are very few solutions on the market that offer the ideal combination of strength, simplicity, and affordability to create the necessary value worthy of investment from the city.

Solution

The Triton® Underdrain, known throughout the industry for its strength and durability, offers the additional value sought by the city of Olney thanks to its straightforward design, air-water backwashing feature, and low headloss.

"Longer run times and more capacity were the ultimate goals of this project and we have succeeded in meeting those goals" says K.C. Blassingame, COO for the Olney, TX Water Treatment Plant.

Results

The Triton's flexible design allowed existing piping to stay in place and liberal flatness tolerance, single piece laterals and well designed accessories allowed for an efficient and less costly installation.

"We would recommend the Triton underdrain for anyone looking at a retrofit. It was great installing a product that fit together so well and so fast" says Robert Gill of Gill Plumbing & Contracting.

Triton Underdrains Help Solve Difficult and Costly Filter Bed Issues

If you are considering a plant upgrade or new facility that will need new underdrains please let us or our local representatives know so we can show you how the Triton can add value to your project. We can also put you in touch with any of the Olney folks if you would like to talk to them directly about their Triton experiences.

Exceptional performance as a filter underdrain system utilizing Johnson Screens' world-renowned Vee-Wire® screen technology. Available in stainless steel and in PVC, Triton® underdrains offer maximum surface area to optimize filtration efficiency with the lowest headloss and backwash pump power consumption.

Triton underdrains arrive at the project site fully assembled and require no grouting, special handling or special equipment. With a simple installation and the low headloss, Triton underdrains are less expensive to install, operate and maintain.



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