FORSTA FILTERS
Self Cleaning Water Filters

Irrigation Solutions by Forsta Filters

When irrigation systems are unprotected, dirt and debris collect in sprinkler nozzles and quickly disrupt spray patterns. Regardless of sprinkler head spacing, clogged nozzles can cause uneven coverage leading to brown patches and severe damage. Left unchecked, clogged nozzles become completely obstructed and must be replaced. This requires regular maintenance, which can be time consuming, disruptive and costly.

This is precisely what Marty Van Ells of Municipal Well and Pump was aiming to avoid by installing a filter in his irrigation project. Forsta self-cleaning irrigation filters provide insurance against costly landscape and turf damage, and prolong the life of sprinkler equipment. The automatic backwash cycle completely cleans the filter, eliminating the need for routine maintenance.

Van Ells, a project manager, had to solve the issue of irrigation heads sticking due to a large amount of sand in a pond water source. "Prior to getting the filter system straightened out the customer had about five heads a night sticking open due to debris in the system. Now it's all filtered out." Van Ells said. "The filter works awesome!"

The pump station flows up to 900 gallons per minute, and provides water filtered down to 200 micron (70 mesh). "It looks like this is going to be a great success!" said Van Ells. "We're going to be pushing [Forsta Filters] for other installations."

The filter, installed at the pump discharge, utilizes line pressure to complete its point-of-suction backwash cycle. This unique approach to backwashing ensures that even while cleaning itself, filtered water continues to flow. This also eliminates the need for standby filters and elaborate valve schematics, frequently needed with other types of filters.

Forsta Filters is proud to help customers like Van Ells solve their filtration problems and eliminate future issues. Contact us today and let us know how we can help you with your filtration application.