



Aqua-Bright Irrigation LLC Highlights Commercial Water Savings Case Study and Residential Installation Success

July 29, 2026

SYKESVILLE, MD - July 29, 2026 -

Aqua-Bright Irrigation LLC has documented significant water savings and landscape improvements through a comprehensive irrigation system overhaul at a major commercial property, showing how modern irrigation technology and smart system design can save over 40% of water while keeping landscapes healthy and vibrant.

The commercial project involved replacing old irrigation infrastructure with smart controllers, precision nozzles and drip irrigation across a 15 acre campus. The property was using way too much water, had uneven coverage and recurring maintenance issues with its 20 year old irrigation system. After a site assessment, Aqua-Bright Irrigation LLC designed and installed a customized solution that addressed both immediate operational issues and long term water conservation goals.

?This is what we see across many commercial properties, aging irrigation systems that waste water and

increase operating costs," said Kevin Tucker, General Manager of Aqua-Bright Irrigation LLC. "By combining smart irrigation technology with proper system design, property owners can save water and improve landscape performance."

The irrigation upgrade included weather based smart controllers that automatically adjust watering schedules based on local weather, soil moisture and plant requirements. High efficiency rotating nozzles replaced traditional spray heads in turf areas and drip irrigation was installed in landscaped beds to deliver water directly to plant root zones and minimize evaporation.

In the first 6 months after installation, monitoring data showed 42% water savings compared to the same period the previous year. Irrigation related maintenance calls also dropped 60% because of pressure regulation and filtration improvements that prevented many common issues like clogged emitters and damaged sprinkler heads.

The project also produced other benefits including reduced maintenance costs, improved irrigation coverage, no dry or oversaturated areas and compliance with local water conservation regulations. Remote management capabilities now allow property managers to monitor and adjust irrigation schedules from anywhere.

While the commercial project shows the value of large-scale irrigation modernization, Aqua-Bright Irrigation LLC says many of the same principles apply to residential homeowners as well.

One recent residential installation in Sykesville, Maryland demonstrates how smart irrigation technology can improve lawn care while conserving water. Homeowner Jung Lee contacted Aqua-Bright Irrigation LLC after struggling to keep his lawn healthy without an irrigation system. After evaluating the property, the company's sales and design team recommended a customized sprinkler system using Hunter sprinkler heads paired with a Hydrowise smart controller that allows scheduling and system management through a mobile device. Once the design and planning process was complete, the installation was completed efficiently in a single day. According to the company, the new system provided full lawn coverage and eliminated the guesswork of manual watering. The smart controller automatically adjusts watering schedules based on weather conditions, helping reduce unnecessary water use while promoting healthier turf.

After the project was completed, Lee posted a public review saying the company was responsive, transparent with pricing, efficient with scheduling and professional with the installation. He also plans to work with Aqua-Bright Irrigation LLC on future outdoor projects.

The commercial and residential projects show a trend towards smart irrigation technology that saves water and simplifies long term landscape management. Industry studies have shown that properly designed and

maintained irrigation systems can save 15-50% of outdoor water use compared to traditional systems while maintaining equal or better landscape quality.

Aqua-Bright Irrigation LLC designs, installs, maintains, audits, retrofits and upgrades commercial and residential irrigation systems throughout Maryland. The company focuses on water efficient irrigation solutions that combine proven design practices with modern technology to help customers save water, improve landscape performance and reduce long term operating costs. Homeowners and property managers researching sprinkler companies Bethesda MD can benefit from the company's experience implementing smart irrigation systems that improve efficiency while supporting healthy landscapes. More about Aqua-Bright Irrigation LLC and their irrigation services at <https://www.aquabrightllc.com>.

Recent News: Aqua-Bright Irrigation LLC Achieves Milestone with Over 900 Customer Reviews

###

For more information about Aqua-Bright Irrigation & Illumination, LLC, contact the company here: Aqua-Bright Irrigation & Illumination, LLC Media Relations 410-489-9009 info@aquabright.com 12885 Old Frederick Road Sykesville, MD 21784

Aqua-Bright Irrigation & Illumination, LLC

Aqua-Bright is built on a customer-centric foundation and the business to customer relationship is paramount in our continued success as a Company.

Website: <https://www.aquabrightllc.com/>

Email: info@aquabright.com

Phone: 410-489-9009

The logo for Aqua-Bright Irrigation & Illumination, LLC. It features the company name "AQUA-BRIGHT" in a bold, blue, sans-serif font. Below this, there is a horizontal line with three small black dots in the center. Underneath the line, the words "IRRIGATION & ILLUMINATION" are written in a smaller, black, sans-serif font.