

# WaterSignal detects irrigation leak for Atlanta senior living community

## 1. BACKGROUND

On October 18th, 2016, WaterSignal installed a device to monitor the irrigation meter for Brookdale Senior Living in Dunwoody, GA.

Brookdale provides senior living solutions primarily within properties that are designed, purpose-built and operated to provide the highest quality living accommodations for residents. Brookdale relies heavily on irrigation water to maintain a lush landscape.

## 2. ANALYSIS

At 4:00am on August 7th, WaterSignal alerted the property to excessive usage on the irrigation meter.

Prior to the installation of WaterSignal, Brookdale property managers had no way to monitor and analyze water consumption.

## 3. SOLUTION

When the WaterSignal device detected consumption exceeding the hourly/daily preset limit, property management was instantly notified via SMS text and email.

Following the alert from WaterSignal, property management quickly shut off the irrigation system, found the leak and made the repair.

## 4. BENEFITS & RESULTS

WaterSignal provided building managers with comparable water data, allowing them to see the complete picture of gallons used.

Had the irrigation leak gone undetected, the property would have continued to use over 630,000 gallons per week; that's almost 550,000 gallons over the property's weekly average.

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### ***After the installation of WaterSignal's real time water monitoring, the following findings were evident:***

- » Real time water monitoring provided instant access to hourly data trends
- » WaterSignal's 24/7 leak alerts quickly discovered the leak and alerted property management via SMS and email
- » A catastrophic irrigation leak was discovered and repaired
- » Water savings of over \$9,750/week (Based on local water/sewer rate of \$15.48/1000 gals.)

