

MUNRO SOLVES RAINWATER HARVESTING FOR BOTANICAL GARDEN

Problem

- The Atlanta Botanical Garden utilized metered domestic water for irrigation, creating unnecessarily high costs for their water usage.
- All irrigation equipment needed to be out of sight, to maintain the aesthetics of the facility.
- The irrigation managers wanted to be able to easily monitor the irrigation system's status and pump stations from their home, office, or even on the road via their smartphones or tablets.



To uphold the beauty of the gardens, keeping the rainwater harvesting system out-of-sight was a major priority.

Munro was asked to supply a pump station that would provide a cost-efficient way to pump collected rain water, would have low-visibility, while also allowing the venue to monitor the systems remotely.

Solution

- A below grade rainwater catch system, submersible pumps and a discharge filter system was specified to supplement the domestic water supply. The system also included filtration for the rainwater.
- To facilitate an unobtrusive installation, submersible pumps were buried in the ground.
- The system was integrated with Baseline 3200 controllers that can be monitored via Baseline's LiveView web-based system. This allows the irrigation managers to view the stations on the same platform as the rest of their irrigation system from any location.



Capturing and re-using rainwater reduced the need for costly city water.



Monitoring provides instant system status at-a-glance.

OUTCOME

Implementing a Munro rainwater harvesting pump system has befitted the project by:

- Reducing the need to pump costly city water, saving the venue money and reducing overall water consumption.
- The system's remote monitoring capability allows irrigation managers to dedicate more time towards other tasks.
- The customized low-visibility design maintains the beauty of the gardens, insuring a welcoming experience for visitors.

Implementing a Munro pump station costs less than you think, and will save time and money.
To get one customized to your needs, contact us today!