



ECOVIE Commercial Rainwater Collection System

Application:

Non-Potable System for Irrigation
and storm water management.

Project Location:

Hammond Park
Sandy Springs, Ga.

An erosion problem at Hammond Park, in Sandy Springs was solved by Ecovie, through storm-water management and rainwater collection. The main goal of this project was to control storm-water which was running off the site's 17,000 square foot recreation center and eroding a side hill next to their athletic field. Ecovie designed a system that collected rainfall from the rec center and in a 9,200 gallon above ground tank. The filtered rainwater is used for irrigation of the side hill where Ecovie installed a high efficiency irrigation system watering a new, hearty groundcover. The groundcover will spread along the hill side and prevent further erosion of the side hill.

The above ground system due to its location next to the front entrance of the park recreational facility will serve to educate the public on green infrastructure and rainwater collection, and is generating a lot of curiosity in park users.

This project is an excellent example of combining rainwater collection as a storm-water management tool with landscape design and high efficiency irrigation to solve a storm-water problem through implementation of green infrastructure.



9,200 gallon rainwater collection tank

Project Summary:

Collection Square Footage: 17,000 sq. ft.
Tank Capacity: 9,200 Gallons
Projected Annual Water Supply: 150,000 gal.



The side hill with rainwater irrigation and new groundcover