



ECOVIE Institutional Rainwater Collection System

Application:

Indoor Plumbing ,Water for Toilets and Irrigation

Project Location:

Senior Living Center; Decatur, Ga.

The rainwater collection system installed at the Oliver House Senior Living Center in Decatur, Ga., provides all toilet flushing and courtyard irrigation for the 88 unit facility. Projections for this system indicate it will meet more than 80% of needs for these water uses.

Water from the rooftop is filtered through 2 Graf Optimax Industrial filters fitted with automated cleaning showers. In addition to roof water, several hundred gallons a day of air conditioning condensate is collected. Treatment for indoor use was specified by ECOVIE and built locally by SyncroFlo Systems. This system has all controls, pumping, and diagnostics for delivery of clean water to its end use.



Project Summary:

Roof Square Footage: 22,000

Tank Capacity: 12,000 Gallons

Projected Annual Water Supply: 380,000 Gallons



Water is treated on site and includes a self-cleaning sediment filtration system to 10 microns followed by a UV Pure disinfection process. ECOVIE worked closely with the project so that this project became a successful reality.