



ECOVIE Commercial Rainwater Collection System

Application:
Laundry Operations

Project Location:
Hapeville, GA

Laundry operations in general have high water demand. The owner of a coin laundry in the Atlanta area was using around 5,000 gallons of municipal water per day year around which has considerable cost.

After considering a number of alternatives, phase 1 of this project was to install a 10,000 gallon catchment system to collect rainwater from a 6,000 square foot roof top. The annual water supply is expected to average over 185,000 gallons per year. After pre-filtration and storage, the system consists of sediment filtration and UV treatment with an automatic city water back up. Overall financial returns on the project with an expected ROI of over 30%.

Future plans for phase 2 of the project may include adding gray water recycling to make further reductions in municipal water usage.



Project Summary:

Collection Square Footage: 6,000 sq. ft.

Tank Capacity: 10,000 Gallons

Projected Annual Water Supply: 186,000