

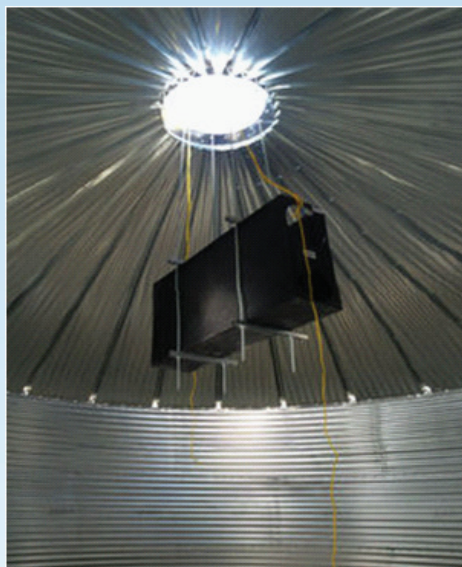


# ECOVIE Commercial Rainwater Collection System

**Application:**  
Car Auction Preparation

**Project Location:**  
Atlanta GA

At the Manheim Car Auction in Atlanta, Georgia, USA a 46,000 gallon tank captures water from 40,000 square feet filtered through a PURAIN DN300 pre-filter. The PURAIN filter is mounted inside the tank and acts as the tank overflow along with a skimmer pipe. In this way, we have achieved the same internal mounting with a large installation as is done on smaller tanks. The system is used to wash thousands of cars per week as they are prepped to be sold. From the tank, water is pumped at a rate of 60 gpm through a JUDO self backwashing sediment filter and to the car wash water heater. We forecast a water supply from rainwater of around 1 million gallons per year which will meet 90% of water needs and which will meet corporate ROI and sustainability goals.



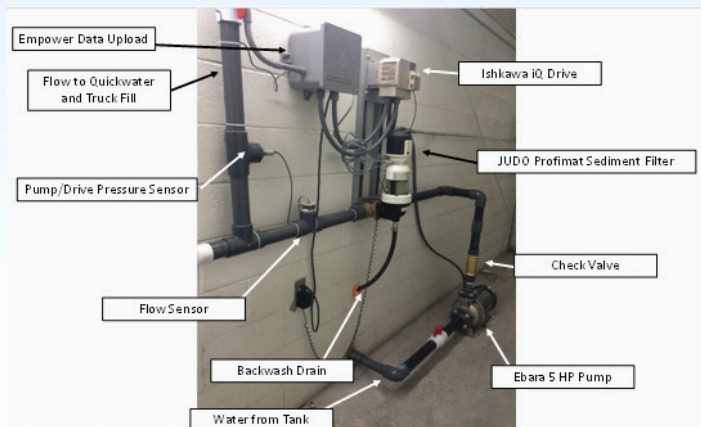
**46,000 Gallon Above-Ground Tank**

### Project Summary:

Collection Square Footage: 40,000 sq. ft.

Tank Capacity: 46,000 Gallons

Projected Annual Water Supply: 955,000 Gallons



**System Functionality**

