

Multi-Family Housing Case Study: Toilet Rebuild, Flow Control & Showerhead Upgrade

Garden-Style Apartment Complex Bethesda, MD

Winter 2023 Project by the Numbers



Project Cost	\$49,288
Project Duration	19 Days
Payback Period	0.5 Years
Annual Savings (\$)	\$107,500
Annual Savings (gallons)	8,500,000

The Problem:
High usage due to showerheads, faucet flow controls, and internal toilet parts breaking down.

The Solution:
Replace flow controls,
showerheads, and
internal toilet parts.



53,000

Total gallons used this period 67

Average gallons used per day this period per unit **50**

Average gallons used per day by a typical person

53,000 Gallons ÷ 28 Days ÷ 28 Units = 67 Average Daily Gallons