



CASE STUDY

Girard Street Apartments
Washington, D.C.



73%
WATER REDUCTION

0.8
GPF
NEW TOILET

26
OF UNITS

\$27K
ANNUAL SAVINGS

NIAGARA® UHET WATER-SAVING TOILETS PROVIDE EXCEPTIONAL SAVINGS FOR WASHINGTON D.C. MULTIFAMILY PROPERTY

The Girard Street Apartments reduced their monthly water usage by 77% resulting in a 73% decrease in costs and offering a return of 375%.

BETTER PERFORMANCE WITH NO WASTE

Aqua Savers, a company that specializes in retrofitting water-efficient products in multifamily properties, completed a water efficiency program for the Washington, DC community, Girard Street Apartments, at the end of May 2021.

The apartments, built in 2016 to offer an affordable housing option for residents ages 55+, are required to be ADA compliant to fit the needs of their tenants. Upon the completion of the preliminary water bill analysis, it was clear that there was an issue at the property that needed to be investigated. When Aqua Savers completed the onsite audit, it was learned that the existing toilets had been improperly installed and were using a high GPF, thus resulting in exorbitant water and sewer costs for a property of its age and size.

By using a vacuum-assisted flush that uses ambient air inside a simple vessel, The Original can flush up to 800g of miso in as little as 0.8 GPF. Niagara's Original with Stealth Technology can meet the ADA requirements through various options of handle functionality, height, and accessibility, making it the perfect choice for this property.

THE RESULT

By just replacing toilets, the property was able to realize a 77% reduction in consumption and a 73% decrease in water/sewer cost. These reductions resulted in a 375% monthly ROI for the owners, who were so satisfied with Niagara's Original and Aqua Saver's services, that they have retrofitted several other properties and are seeing similar results.

THE PRODUCTS

The existing toilets were replaced with an Ultra-High-Efficiency model from Niagara. The Original utilizes Niagara's patented Stealth Technology® and comes in an elongated shape that is best for comfort.

CONSUMPTION IN GALLONS

WATER USAGE AT GIRARD STREET APARTMENTS

