

**Washington, DC:  
Nursing Home Case Study**



**CLIENT:**

**Lisner-Louise-Dickson-  
Hurt Home**

**SUMMARY :**

**Project Cost:  
\$36,000**

**Project Length:  
Three weeks**

**Annual Savings:  
\$39,000**

**Payback Period:  
0.9 Year**

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Lisner-Louise-Dickson-Hurt Home

*Nursing Home Sees Significant Savings  
Following Implementation of Water efficiency  
Measures*

The Lisner-Louise-Dickson-Hurt Home is a assisted living and nursing home facility comprised of 40 units, 60 nursing beds. In addition, there is a Special Care section that has ten residents' bathrooms and a Nursing Care section that has 25 residents' bathrooms.

The complex is located in Washington, DC. The site's water fixtures date back to when the property was built. The majority of the toilets that were installed at the property were 5.0 gallon per flush (gpf) toilets with a few that had been retrofitted to 3.5 gpf, which were considered to be the highest water efficiency flush rate at the time.

This property pays all utility expenses for residents. Thus, as part of its efforts to control costs and conserve water, the property owners hired Water Management Inc. to implement water efficiency upgrades through out their entire property.

WMI was tasked with installing new 1.6 gpf ADA-height power-flush toilets, showerheads, and flow controls on the faucets through out the property. Various kitchen measures were also implementing, including a retrofit of pre-rinse sprayers and steamer replacement.

The measures that were implemented cut water consumption in half. Pre-program the Lisner-Louise-Dickson-Hurt Home was spending roughly \$71,000 for annual water/sewer costs. Following the program implementation, an annual savings of \$39,000 was realized.