

Southern Heights, Southern Lakes and Waverly Apartments

Atlanta, Georgia



NIAGARA
CONSERVATION®

RESULTS AT A GLANCE

NIAGARA PRODUCTS INSTALLED

Stealth Toilet

Earth Massage 1.5 GPM showerhead

Aerators 1.5 GPM -

for kitchen and bathroom faucets

REPLACEMENT DETAILS

Replaced toilets: 5.0 GPF

Southern Heights: 517 units replaced

Southern Lakes: 372 units replaced

Waverly: 118 units replaced

CONTRACTOR

Water-Smart, Inc.

SAVINGS

Percent water reduction:

Southern Heights: 76%

Southern Lakes: 68.2%

Waverly: 61%



68%

**Average reduction in
water usage**

As the Southeast continues to experience major droughts, the management at three apartment buildings in Atlanta were looking for ways to conserve water for the community and cut down on unnecessary expenditures for their residents.

Niagara Conservation, along with nationally-recognized water conservation specialist Tom Stallings, known as “Tom The Toilet Man” of Water-Smart, Inc., Maylene, AL, approached owners of Southern Heights Apartments and Southern Lakes Apartments and, Kenco, owners of Waverly Manor Apartments, with an opportunity to conserve more water.

Each unit was updated to include the three-part Stealth System. This includes the ultra-high-efficiency Stealth toilet, which is EPA WaterSense certified, the high power Earth Massage 1.5 gallon per minute (GPM) showerhead and aerators (1.5 GPM) for kitchen and bathroom faucets.

After measuring water usage for one month, the overall savings averaged a 68 percent reduction in water consumption. The highest reduction rate, 76%, was at Southern Heights, where the average daily usage, per person, dropped from 100 gallons to 26 gallons. Niagara is committed to constantly seeking new ways to push the envelope with new technology, ultimately developing products that help save the planet and help residents reduce their water and utility bills.

www.NiagaraConservation.com

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PRODUCT SUMMARY



STEALTH®

N7717
N7716
N7714

- First and only toilet available to achieve a powerful, quiet flush using only 0.8 gallons of water.
- Saves up to 20,000 gallons of water per year.
- Saves up to \$101 per year on water usage, and \$1,013 in its lifetime, depending on wastewater rate.
- The Stealth at work: When flushed, as water fills the tank and inner chamber, air is forced down through a transfer tube and into the trapway. A powerful vacuum from the pressurized trapway clears the bowl with a one-time, powerful flush.

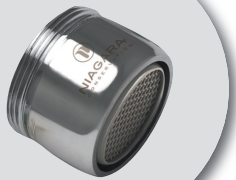


EARTH® MASSAGE SHOWERHEAD

1.5 GPM

N2915CH
N2915N

- Ensuring up to 40 percent less water usage than “low-flow” showerheads with traditional flow restrictors.
- Saves nearly 7,300 gallons annually.
- Three showerhead spray settings – needle, massage and combination.
- Patented pressure-compensating technology guarantees a feeling of great force while using less water, consistent flow rate regardless of water pressure.



AERATORS

1.5 GPM

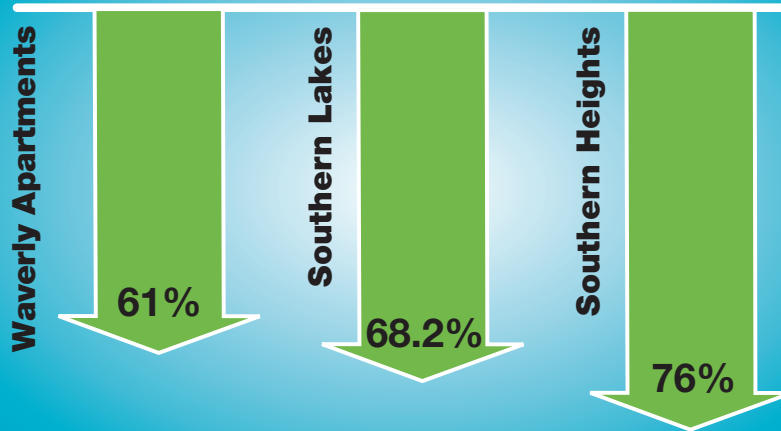
N3104-PC
N3215N-PC

- Saves 30 percent more water than a standard aerator.
- Dual-thread aerator to fit both male and female faucets.
- Produces forceful streams at a reduced flow rate that minimizes the amount of energy needed to heat water.

The product savings information in the above product descriptions is based on potential product savings per unit and may vary from the actual savings achieved in an individual case study.

Three properties experience savings from
61% to 76% in 30 days.

Percent Water Reduction Oct. 2010 – Nov. 2010



Tom The Toilet Man

Water Conservation Specialist



Tom Stallings
Water-Smart
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205.621.3220

“Installation of the Stealth System was phenomenal. It was quick and easy for our team to install, which I attribute to the outstanding quality of product engineered by Niagara Conservation,” said Tom The Toilet Man.

“Based on the ease of installation and water-saving results, I truly see this as the way of the future.”

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