

# CASE STUDY

Executive Towers  
Parma Heights, Ohio



**40%**  
DECREASED USAGE



TOILETS  
OLD VS NEW



SHOWERHEADS  
OLD VS NEW



BATH SINK  
AERATORS  
OLD VS NEW



KITCHEN SINK  
AERATORS  
OLD VS NEW



FINANCIAL  
SAVINGS



# OF  
UNITS

## NOI ENHANCEMENTS WATER-SAVING KITS HELP PARMA HEIGHTS APARTMENT REDUCE YEARLY WATER BILL BY 41%

Executive Towers lowered their yearly water usage by 40% with yearly savings of \$76,626.21.

### OUTDATED, INEFFICIENT PLUMBING FIXTURES

Executive Towers is made up of 180 units. Originally built in 1963, the property still had outdated and inefficient plumbing fixtures. The opportunity to save both water and money was clear.

NOI decided to install Ultra-High-Efficiency-Technology Water-Saving Kits from Niagara Conservation, which they use on all their projects.

### THE PRODUCTS

The NOI Water-Saving Kit consists of five high-efficiency products that drastically reduce water and energy usage. When installed, they collectively deliver unrivaled savings.

The Kits installed included Niagara's EPA WaterSense® certified Original Stealth 0.8 GPF toilet, an Earth Massage 1.25 GPM showerhead, 1.0 GPM kitchen and 0.5 bathroom aerators, water supply lines and wax rings.

The Original Stealth boasts one of the lowest gallons per flush on the market; at just 0.8 gallons each time thanks to Stealth Technology® - a patented, re-engineered flush that works better and wastes nothing. The showerhead and aerators have Niagara's Equiforce™ Technology, a pressure-compensating technology that guarantees a powerful, consistent flow rate regardless of available water pressure.

### THE RESULTS

The retrofit, in conjunction with additional conservation efforts by the staff and residents, resulted in a 40% decrease in monthly water usage and monthly savings of nearly \$6,333. While continuing to monitor water conservation efforts at the Executive Towers, apartment management has seen no evidence of excessive sewage stappage due to the retrofit. Water and sewage bills also indicate residents aren't double flushing or any improper usage of the newly installed products.

In addition to the annual savings of \$76,626.21, ownership at Executive Towers estimates property value has increased 16 times the annual savings - that's over \$1.3 million.

