



## 1. Firm Introduction:

[eConserve](#) is an award-winning multifamily water conservation company. We are based in Houston, TX, and we service properties all over the nation to help save 40% to 60% of a multifamily asset's water/sewer annual expense, increase the asset's NOI and property value, as well as promote water conservation.

## 2. Experience:

Our team has over 20 years of experience in water conservation. eConserve has serviced over 225,000 multifamily units in 22 states around the US, saving around 8 billion gallons of water since 2008. We have retrofitted a range of property types including conventional, senior living, student housing, and affordable housing. We also have serviced multiple portfolios for large firms. In 2015, eConserve was named the Retrofit Chicago Innovative Partnership of the Year by the Commercial Buildings Initiative and the NRDC for a property we retrofitted. The award is for properties in Chicago that pledge to improve energy efficiency by 20% within five years. A property we retrofitted in early 2018 was also the winner of the 2019 NAA Return on Energy Award for its 64% savings to water consumption.

## 3. Services:

- a. We offer a [Free Water Consumption Analysis](#) to analyze a property's water usage and determine the daily cost and consumption per unit. We use information such as past water consumption, average monthly occupancy, current water & sewer rates, and the unit mix breakdown to see if the property is eligible for our two no-cost shared savings water conservation programs. After performing the analysis, we can give clients an estimate of potential savings.
- b. Our [Retrofit Service](#) includes identifying and fixing all drips and leaks inside every apartment unit, installing new low-flow faucet aerators & showerheads, and replacing toilet flappers and flush valves inside every apartment unit.
- c. Our [Toilet Replacement Service](#) includes everything in the Retrofit Services however, we will replace current toilets with a 0.8 gallons per flush high-efficiency toilet, the most efficient toilet on the market. This is our most popular option. eConserve will also provide ongoing monitoring and maintenance for both services.

## 4. Product Specialties:

Our products are all EPA WaterSense labeled, meaning they meet the EPA's specifications of water efficiency (on average 20% more efficient than comparable products) and performance.

## 5. Pricing and Fees:

Our pricing is unique to every property. We use a variety of data during the analysis phase to determine its eligibility for savings and the cost of implementation. We offer a Shared Savings Program where eConserve will pay the upfront costs and we'll recuperate our investment within 3 years by sharing in the savings.



**2.03 million**  
gallons saved  
per month



**436**  
apartment units



**\$20,825**  
saved per  
month

## Case Study – Houston, Texas

New fixtures save apartment property 54% on monthly water/sewer bills

### The Background

The multifamily property in Houston, Texas was built in 1978 and has a total of 436 apartment units. The property still had the original and inefficient plumbing fixtures – toilets, showerheads and aerators.

In 2016 & 2017, the water/sewer bills averaged \$38,921 per month and the average monthly water consumption was over 3.77 million gallons.

### The Solution

The owners contacted eConserve for a solution to significantly reduce water consumption and decrease the monthly water/sewer expense.

In May & June 2017, eConserve implemented its Retrofit Service. This water conservation service fixes all drips and leaks in each apartment unit and installs water-saving products.

#### Our service included:

- Identifying all visible drips and leaks and making the necessary repairs (122)
- Installing new toilet flappers (619)
- Installing new flush valves (619)
- Installing 1.5 GPM showerheads (588)
- Installing 1.0 GPM aerators in kitchen faucets (436)
- Installing 0.5 GPM aerators in bathroom faucets (619)

### The Results

In the five months after the completion of the water conservation solution, the results have been extremely positive.

The average monthly water consumption dropped from 3.77 million gallons of water to 1.74 million gallons of water, saving 2.03 million gallons of water for the environment.

The average water/sewer expense decreased from \$38,921 per month to \$18,096 per month, an incredible 54% financial savings.

The property is on track for an annual financial savings of over \$249,000 and an increase in the property value of at least 1.25 million dollars as a result of this water conservation solution.

### eConserve Water Conservation Solutions

*eConserve partners with multi-family housing across the country to save facilities money on their water bills, increase property value, and promote water conservation.*

*We will cover 100% of the up-front investment for our services in the Shared Savings Program so there's NO COST & NO RISK to start saving water. With both our Water Conservation Services, our team will fix all drips and leaks in every unit as well.*

**Visit [eConserveLLC.com](http://eConserveLLC.com) for more information and learn how you can get a free analysis for your business.**



**1.04 million**  
gallons saved  
per month



**271**  
apartment units



**\$3,673**  
saved per  
month

## Case Study – Baton Rouge, Louisiana

Retrofit Service saves apartment property 55% on monthly water consumption

### The Background

The multifamily property in Baton Rouge, Louisiana was built in 1978 and has a total of 271 apartment units. The property still had the original and inefficient plumbing fixtures – toilets, showerheads and aerators.

In 2016 & 2017, the water/sewer bills averaged \$10,692 per month and the average monthly water consumption was over 1.89 million gallons.

### The Solution

eConserve created a solution to significantly reduce water consumption and decrease the monthly water/sewer expense.

In September 2017, eConserve implemented its Retrofit Service. This water conservation service fixes all drips and leaks in each apartment unit and installs water-saving products.

#### Our service included:

- Identifying all visible drips and leaks and making the necessary repairs (114)
- Installing new toilet flappers (483)
- Installing new flush valves (483)
- Installing 1.5 GPM showerheads (395)
- Installing 1.0 GPM aerators in kitchen faucets (271)
- Installing 0.5 GPM aerators in bathroom faucets (483)

### The Results

In the 14 months after the completion of the water conservation solution, the results have been positive.

The average monthly water consumption dropped from 1.89 million gallons of water to 847,000 gallons of water, saving 1.04 million gallons of water for the environment.

The average water/sewer expense decreased from \$10,692 per month to \$7,019 per month, a 34% financial savings.

The property now has an annual financial savings of over \$44,000 and an increase in the property value of at least \$220,000 dollars as a result of this water conservation solution.

### eConserve Water Conservation Solutions

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**1.36 million**  
gallons saved  
per month



**376**  
apartment units



**\$11,078**  
saved per  
month

## Case Study – San Antonio, Texas

Toilet Replacement Service saves apartment property \$133,000 this year

### The Background

The multifamily property in San Antonio, Texas was built in 1971 and has a total of 376 apartment units. The property still had the original and inefficient plumbing fixtures – toilets, showerheads and aerators.

In 2017, the water/sewer bills averaged \$16,016 per month and the average monthly water consumption was over 1.89 million gallons.

### The Solution

eConserve surveyed the property and created an audit on past water usage to design a unique solution.

In January 2018, eConserve implemented its Toilet Replacement Service. This water conservation service replaces toilets with an efficient Niagara Stealth toilet as well as fixes all drips and leaks and installs water-saving products to sinks and showers in every unit.

#### Our service included:

- Identifying all visible drips and leaks and making the necessary repairs (87)
- Removing & disposing of old, inefficient toilets (530)
- Installing new 0.8 GPF toilets and wax rings (530)
- Replacing damaged or cracked toilet flanges (48)
- Replacing angle stops & supply lines if needed (62)
- Installing 1.5 GPM showerheads (422)
- Installing 1.0 GPM aerators in kitchen faucets (376)
- Installing 0.5 GPM aerators in bathroom faucets (530)

### The Results

In the seven months after the completion of the water conservation solution, the results have been great.

The average monthly water consumption dropped from 1.89 million gallons of water to 530,000 gallons of water, saving 1.36 million gallons of water for the environment.

The average water/sewer expense dropped from \$16,016 per month to \$4,938 per month, a 69% financial savings.

The property now has an annual financial savings of over \$133,000 and an increase in the property value of at least \$665,000 dollars as a result of this water conservation solution.

### eConserve Water Conservation Solutions

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**2.84 million**  
gallons saved  
per month



**536**  
apartment units



**\$27,037**  
saved per  
month

## Case Study – Dallas, Texas

Toilet Replacement Service increases property value by \$1,600,000

### The Background

The multifamily property in Dallas, Texas was built in 1985 and has a total of 536 apartment units. The property still had the original and inefficient plumbing fixtures – toilets, showerheads and aerators.

In 2017, the water/sewer bills averaged \$43,632 per month and the average monthly water consumption was over 4.42 million gallons.

### The Solution

eConserve surveyed the property and proposed a solution to reduce water consumption and lower bills.

In November 2017, eConserve implemented its Toilet Replacement Service. This water conservation service replaces toilets with an efficient Niagara Stealth toilet as well as fixes all drips and leaks and installs water-saving products to sinks and showers in every unit.

#### Our service included:

- Identifying all visible drips and leaks and making the necessary repairs (184)
- Removing & disposing of old, inefficient toilets (695)
- Installing new 0.8 GPF toilets and wax rings (695)
- Replacing damaged or cracked toilet flanges (142)
- Replacing angle stops & supply lines if needed (107)
- Installing 1.5 GPM showerheads (612)
- Installing 1.0 GPM aerators in kitchen faucets (536)
- Installing 0.5 GPM aerators in bathroom faucets (695)

### The Results

In the seven months after the completion of the water conservation solution, the results have been amazing.

The average monthly water consumption dropped from 4.42 million gallons of water to 1.58 gallons of water, saving 2.84 million gallons of water for the environment.

The average water/sewer expense dropped from \$43,632 per month to \$16,595 per month, a 62% financial savings.

The property now has an annual financial savings of over \$320,000 and an increase in the property value of at least \$1,600,000 dollars as a result of this water conservation solution.

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