



**2.03 million**  
gallons saved  
per month



**436**  
apartment units



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

## Case Study – Houston, Texas

New fixtures save apartment complex 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 its 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 for 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.**