

Smart Controller Study Fact Sheet

Current Town of Palm Beach Water-Use Stats:

- **Avg. Gal/Day Town-Wide = 6 million**
- **Gal/Year Town-Wide = 2,190,000,000**
- **Yearly Cost Town-Wide = \$8,189,940**
- Avg. Gal/Day Multi-Residential = 5,299
- Avg. Gal/Day Commercial = 2,175
- Median Gal/Day Residential = 1,343
- Single Family Residential Range Gal/Day = 800 – 2,800
Florida Single Family Residential Avg. Gal/Day = 515
- **20% Savings: Avg. Gal/Day Town-Wide = 4.8 million** ←
[1,752,000,000 Gal/Yr]
- **40% Savings: Avg. Gal/Day Town-Wide = 3.6 million** ←
[Total Use: 1,314,000,000 Gal/Yr Total Cost: \$4.9M]
- **60% Savings: Avg. Gal/Day Town-Wide = 2.4 million** ←
[Total Use: 876,000,000 Gal/Yr Total Cost: \$3.3M]
- **80% Savings: Avg. Gal/Day Town-Wide = 1.2 million** ←
[438,000,000 Gal/Yr]

The goal is to be good stewards of our natural resources but also lessen the need for a **new dedicated water plant for the island – an estimated \$160 million capital expense.**

If town water users implement smart irrigation, conservation could bring the over **2 billion gallons of water used a year down to 876 million or less – reducing the need for a larger water plant.**

Cost to install and program smart controllers is from \$200 - \$700 for residential models and up to \$3,000 for commercial models.

Some models have a subscription fee to wirelessly download weather data into the controller. That fee ranges from \$48/year to \$300/year.