



Smart Irrigation Fact Sheet

The goal of the Town of Palm Beach Smart Irrigation Program 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 **2.2 Billion gallons of water used a year down to 876 Million or less – reducing the need for a larger Town of Palm Beach dedicated water plant.**

Current Town of Palm Beach Water-Use Stats:

- **Avg. Gal/Day Town-Wide = 6 Million**
- **Gal/Year Town-Wide = 2.2 Billion**
- **Yearly Cost Town-Wide = \$8.2 Million**
- 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**

Palm Beach County Single Family Residential Avg. Gal/Day = 515

SAVINGS POTENTIAL

- **20% Savings: Avg. Gal/Day Town-Wide = 4.8 Million** ←
- [1.8 Billion Gal/Yr]
- **40% Savings: Avg. Gal/Day Town-Wide = 3.6 Million** ←
- [Total Use: **1.3 Billion** Gal/Yr | Total Cost: **\$4.9 Million**]
- **60% Savings: Avg. Gal/Day Town-Wide = 2.4 Million** ←
- [Total Use: **876 Million** Gal/Yr | Total Cost: **\$3.3 Million**]
- **80% Savings: Avg. Gal/Day Town-Wide = 1.2 Million** ←
- [438 Million Gal/Yr]

**TARGET
MINIMUM
SAVINGS**

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.