# Residential Water Consumption

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#### **Goal D**

Water

Address long-term needs for water supply, water quality and water conservation



- Identify and protect water recharge areas
- Develop communities that optimize water conservation and achieve a 50 percent or greater reduction in water usage based on current usage
- Apply Florida-friendly guidelines for landscaping
- Demonstrate leadership in resource management by promoting and adopting innovative ways to meet water needs
- Capture, treat and reuse storm water to the maximum extent feasible



### Alachua County, FL

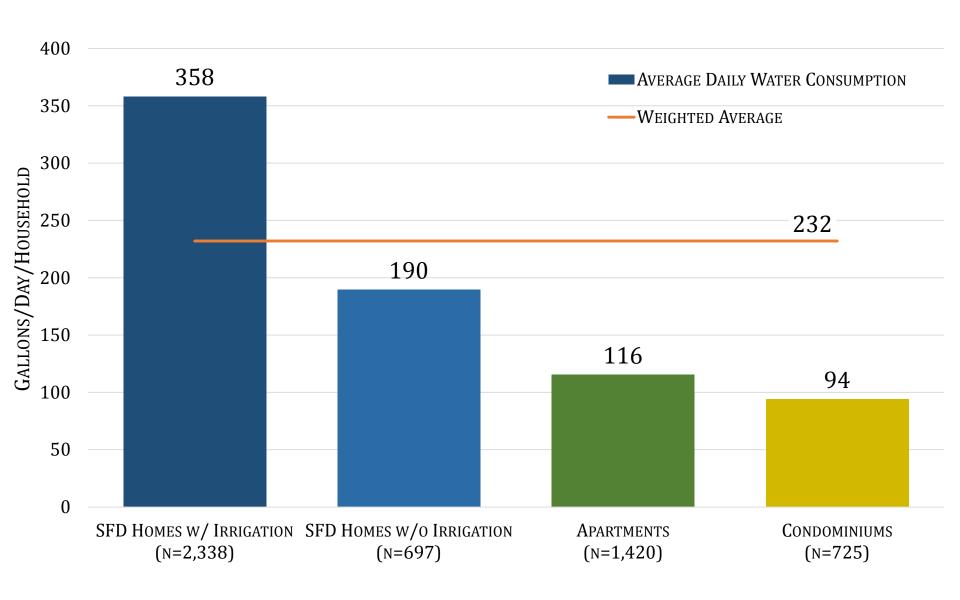
#### Dwelling Units in Sample - 5,180:

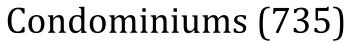
- All units constructed since 2000
- Single-family detached in 28 neighborhoods 3,035
- Apartments in 10 complexes 1,420
- Condominiums in 18 associations 735

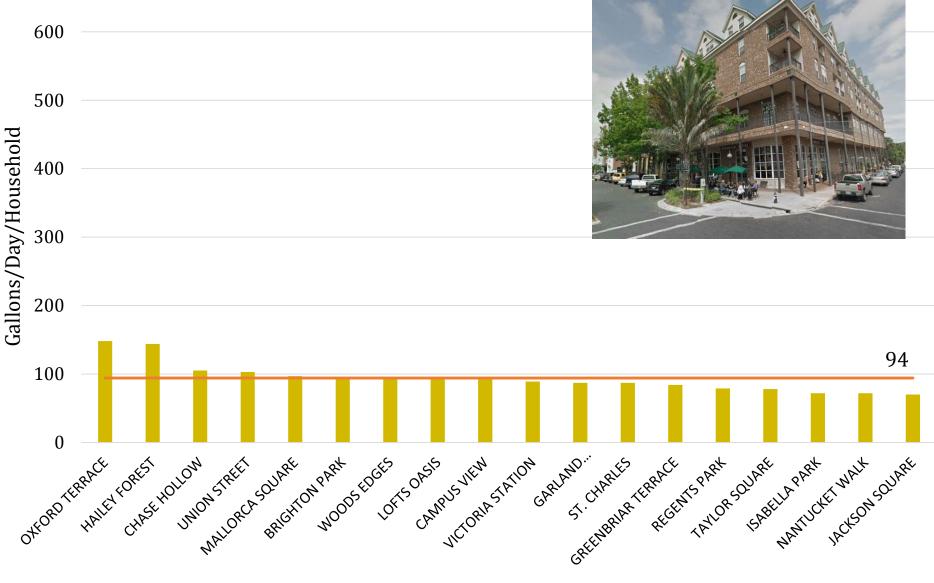
#### **Baseline Metrics:**

- Metered water use in years 2009, 2010 and 2013
- Average gallons per day (gpd) per household

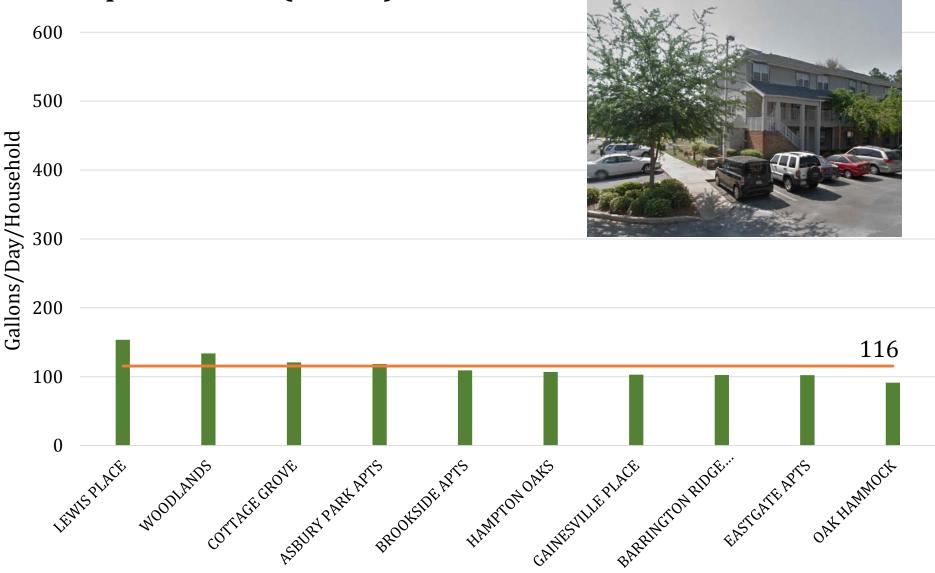
# **Dwelling Unit Types Comparison**

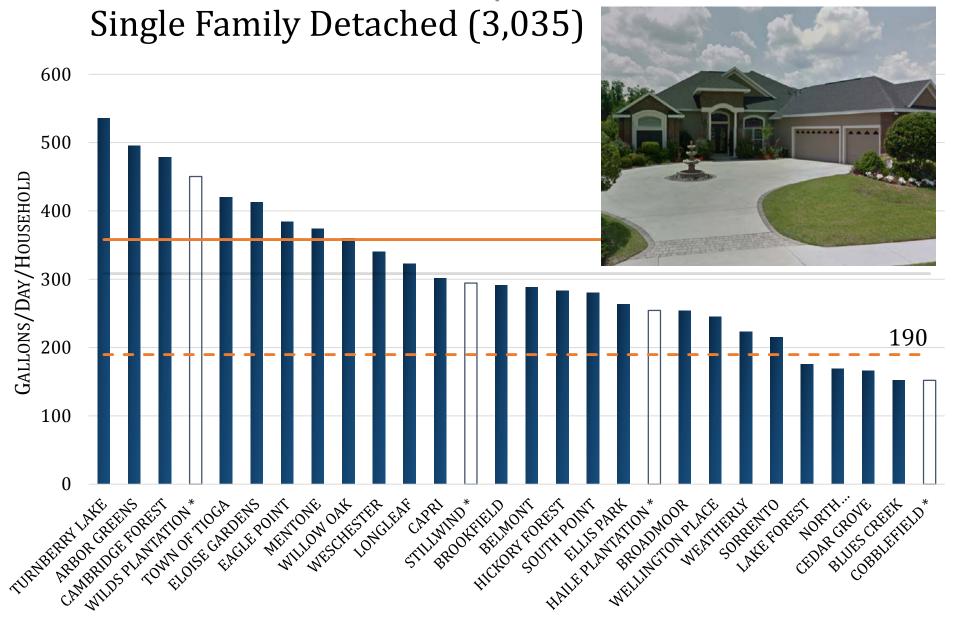






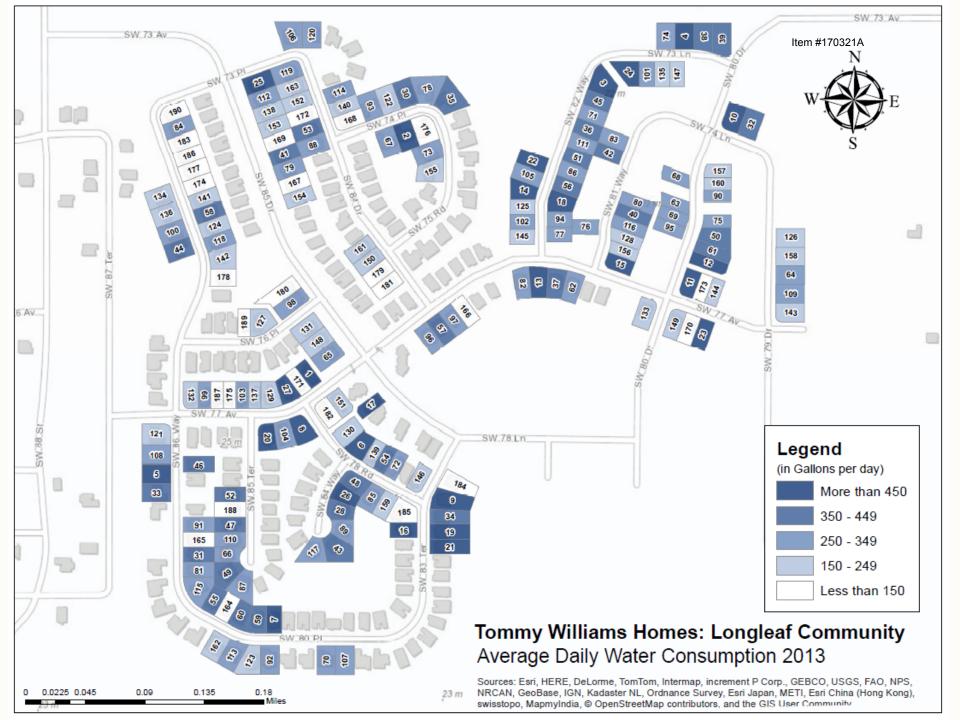


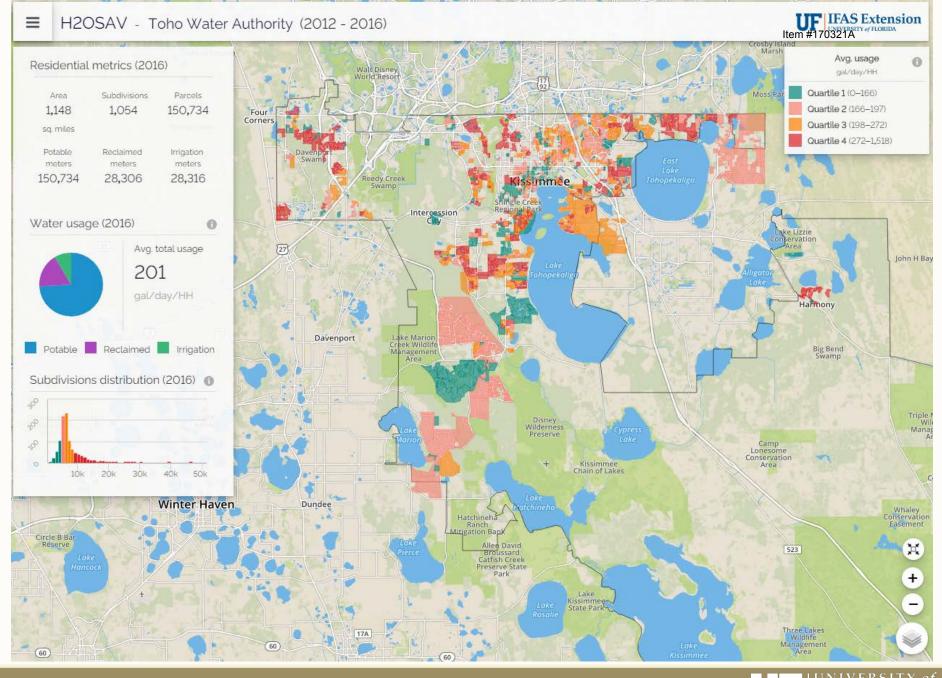






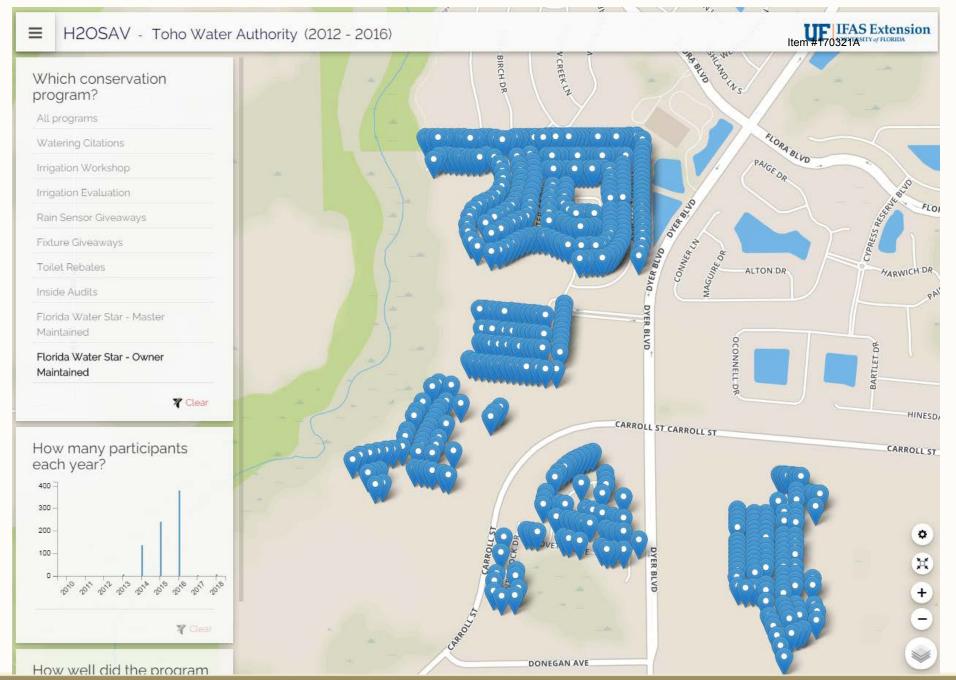
# Geovisualization: Residential Subdivisions







# Florida Water Star: Savings?



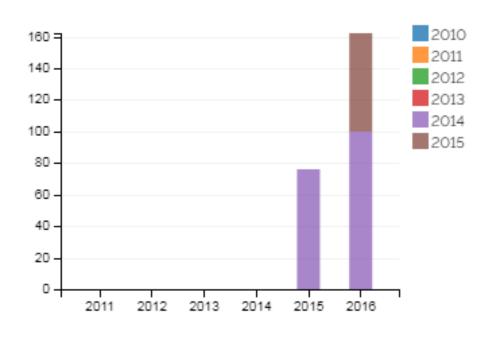


#### Savings - Florida Water Star - Owner Maintained



#### Cumulative (Mgal)

This chart displays average daily water savings, in gallons per household per day, for each program group in each year following participation. Savings were calculated for single-family, detached homes that were occupied for the full year before participation and for the full year of analysis.



Oakmont Item #170321A







