Targeting Water Conservation Efforts to Address Over-Irrigation

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H2OSAV is an archive of multi-year, utility territory datasets that merge water meter, conservation program and property appraiser data coupled to analytical tools for evaluating water consumption patterns and the effectiveness of individual water conservation programs.
In its 2015 final Regional Water Supply Plan, the Central Florida Water Initiative (CFWI) Conservation Planning Sub-Team estimated 28 mgd of potential additional water conservation savings in the public supply sector with the caveat that the evaluation process revealed a lack of shared knowledge about existing conservation programs and virtually no rigorous analytics on the programs’ impacts. H2OSAV targets utilities in the CFWI regional planning area in an effort to address these evaluation issues.

This beta version of H2OSAV is being developed in partnership with Tohopekaliga Water Authority (TWA), City of Apopka (Apopka), Orlando Utilities Commission (OUC), and Orange County Public Utilities (OCU). In combination these utilities cover 37% of the CFWI region and in 2015 accounted for 45% of its water demand.
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Premises: 14,112

- Metering (gal/day) [X]
  - Dual-Reclaimed (325)
  - Dual-Potable (244)
  - Single Meter (165)

Average: 244 (gal/day)

Use by Year (gal/day) [X]

- By Month (gal/day)
  - 2018: Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec

Sum: 145,758 (kgal)

Top Subdivision: ORBIT CONDO (29,288)
- LIFETIME OF VACATIONS RE... (10,618)
- PATRICIA PARK (1,771)
- BANYAN COVE AT CYPRESS W... (1,002)
- SOUTHPORT BAY PH 2 (949)
- REGAL OAK SHORES UNIT 7 (876)
- CONCORDE ESTATES PH 2 (813)
- REGAL OAK SHORES UNIT 3 (717)
- LASSETERS (677)

Top Premise: 422840 (29,288)
- 422030 (10,618)
- 456380 (5,200)
- 3316159 (3,324)
- 3318059 (2,227)
- 33102439 (2,160)
- 324860 (1,802)
- 31155250 (1,802)
- 787680 (1,783)

Frequency Distributions:
- Year Built
- Beds
- Baths
- Total Acres
- Finished Area
- HE
- Total Usage
- Meter 1 Usage
- Meter 2 Usage

26,958 selected out of 945,321 records | CSV Export | (prem list only)
<table>
<thead>
<tr>
<th>Premises: 159</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Metering</strong> (gal/day)</td>
</tr>
<tr>
<td>Dual-Reclaimed (754)</td>
</tr>
<tr>
<td>Dual-Potable (753)</td>
</tr>
<tr>
<td>Single Meter (0)</td>
</tr>
</tbody>
</table>

**Use by Year** (gal/day) 
- Year 2018: 300 gal/day
- Year 2019: 400 gal/day

**By Month** (gal/day) 
- January: 200 gal/day
- February: 300 gal/day
- March: 400 gal/day
- April: 500 gal/day
- May: 600 gal/day
- June: 700 gal/day
- July: 800 gal/day
- August: 900 gal/day
- September: 1,000 gal/day
- October: 1,100 gal/day
- November: 1,200 gal/day
- December: 1,300 gal/day

**Top Subdivision** 
- LINDFIELDS UNIT 5 (1,517)
- TAMARIND PARKE AT CYPRESS (1,452)
- FELLS COVE UNIT 1 PH 1 (1,182)
- EAGLE BAY PH 1 (1,164)
- FELLS COVE UNIT 3-4 PH 3 (1,160)
- CONCORDE ESTATES PH 2B (1,100)
- CONCORDE ESTATES PH 2A (1,082)
- NORTH SHORE VLG (1,064)
- WATERVIEW PH 2B (1,000)

**Top Premise** 
31155250 (2,386)
487890 (1,517)
926330 (1,357)
88830 (1,260)
603240 (1,258)
33109219 (1,200)
813996 (1,182)
955560 (1,164)
754010 (1,162)

**Record Detail** (200 max) 
[Click on column headings to sort/reverse-order] 

<table>
<thead>
<tr>
<th>Prem</th>
<th>Parcel</th>
<th>Address</th>
<th>Subdivision</th>
<th>AYB Acres</th>
<th>Area</th>
<th>BRs</th>
<th>Bath</th>
<th>HE</th>
<th>Metals</th>
<th>MT</th>
<th>YEAR</th>
<th>MON</th>
<th>DAYS</th>
<th>W</th>
<th>R</th>
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Water Savings, Analytics & Verification

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