



*“If asked how much water its customers use outdoors, any water provider in the Tucson area or elsewhere in the Southwest will be largely unable to give a definitive answer. There will be lots of ‘we think . . . , we guess . . . , according to Fresno estimates. . . , etc.’*

Because this information has never been rigorously gathered in the Tucson AMA, accurately predicting landscape water usage or evaluating the effectiveness of outdoor water conservation efforts is extremely difficult.

**ORIGINAL INTENT**

Install ‘dual’ or sub-meters, at the time of construction, in private residences to measure and evaluate outdoor water, as a % of total usage over a period of years.

Gather these data from new homes in a variety of categories: starter homes, standard mid-range subdivisions, and also a group of high-end homes.

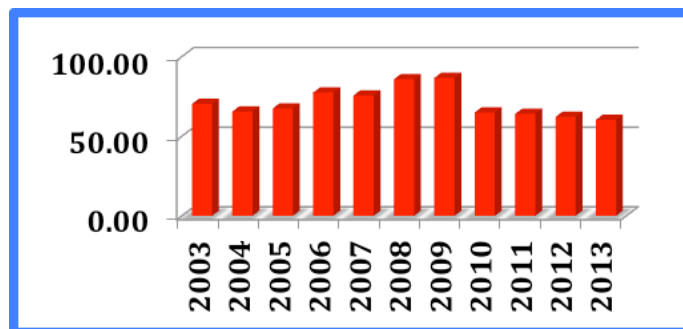
Goal -- provide, over time, actual and accurate information to assist water providers in the region with development of increasingly effective, water conservation programs and strategies.



**PHASE I Findings:**

**ELEVEN-YEAR AVERAGE:  
71 TOTAL GPCD**

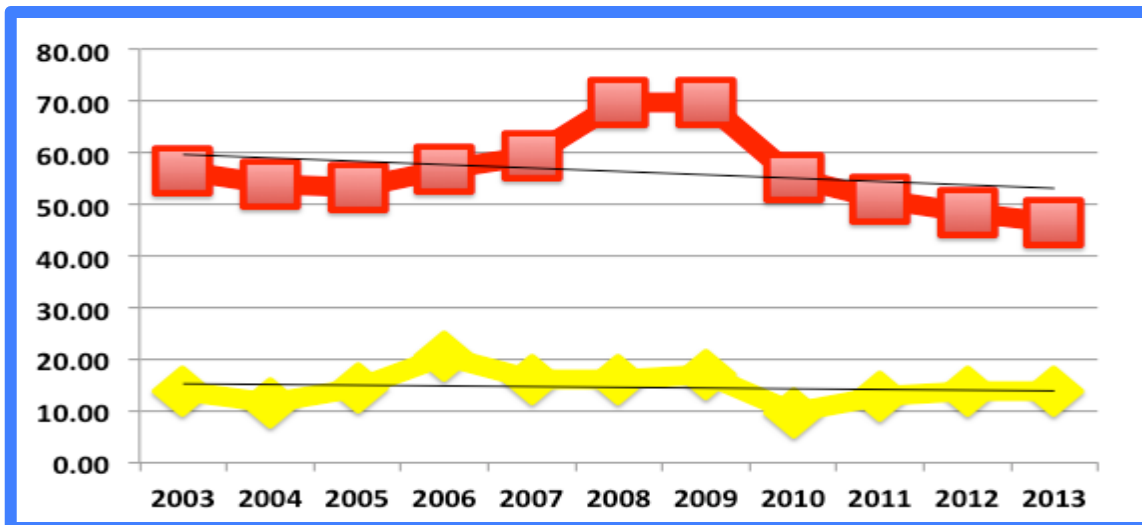
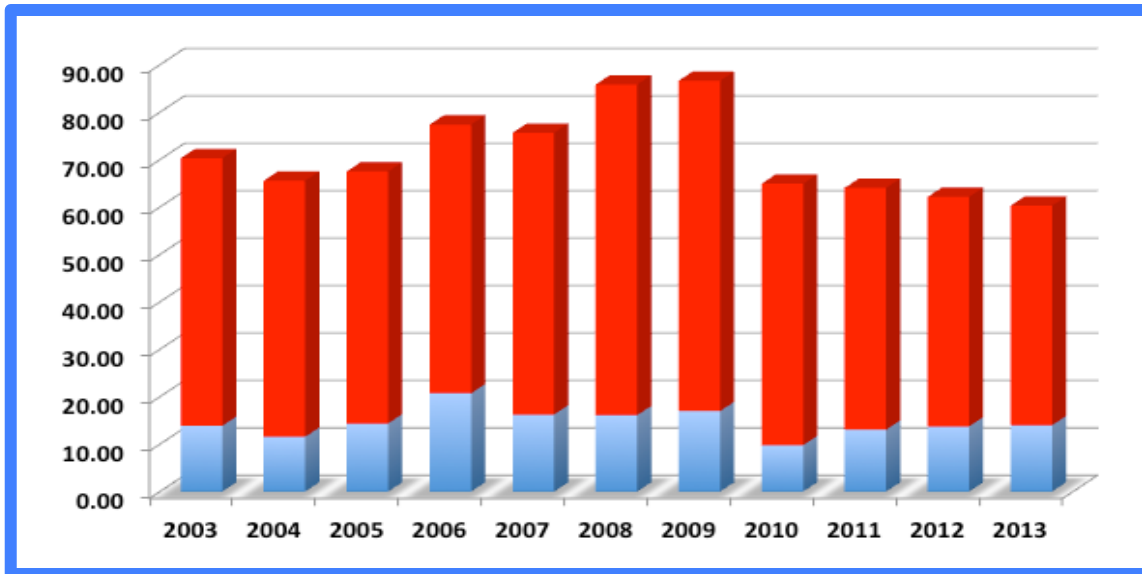
**High: 87 gpcd  
Low: 60 gpcd**



**EXTERIOR USE % OF TOTAL: 20.54%**

**High: 26.77%**

**Low: 15.04%**



**CURRENT INTENT**

Move on to Phase II of this project now that the recession has eased and we are seeing building once again.

Install 'dual' or sub-meters, at the time of construction, in private residences to measure and evaluate outdoor water, as a % of total usage over a period of years.

Target 30+ homes in a standard mid-range subdivision.

Goal -- provide, over time, actual and accurate information to assist water providers in the region with development of increasingly effective, water conservation programs and strategies.