

## Customer Spotlight

Water Conservation

Seven Springs Homeowners Association

gachina

landscape management



**Ongoing Maintenance:** Gachina Landscape Management

**Location:** Cupertino, California

**Landscape Area:** 30 acres (20 acres turf, 10 acres shrubs & ground cover)

**Maintenance Years:** 2004 to present

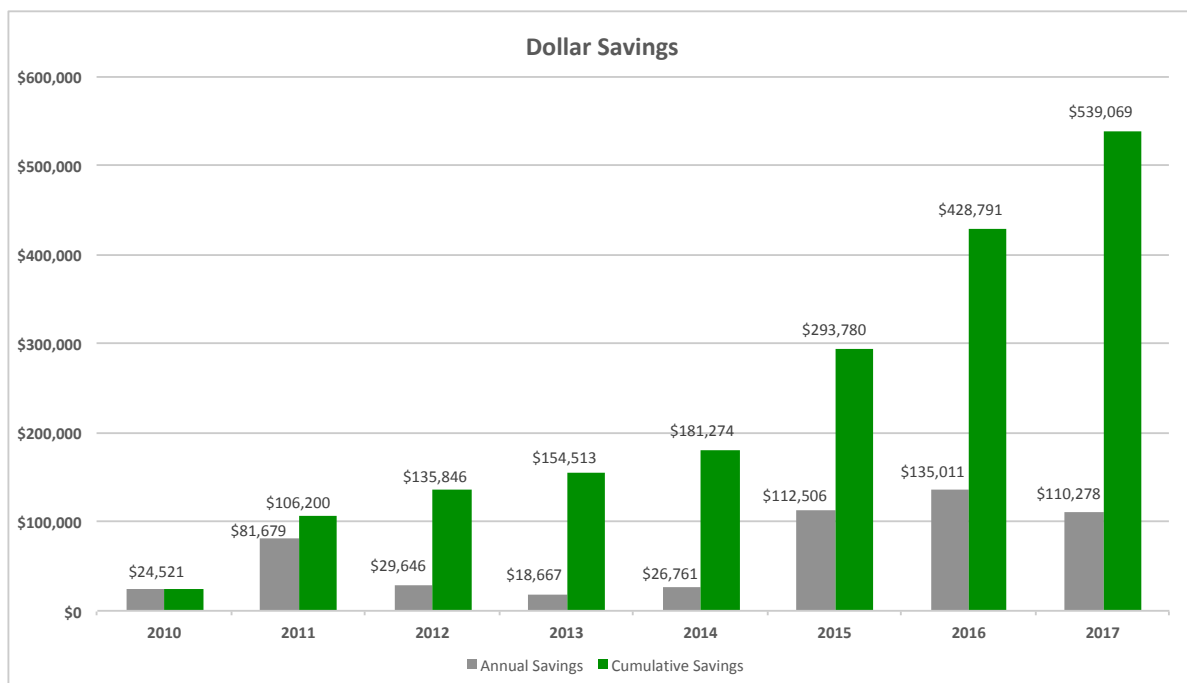
**Renovations Performed:** 2010

**Landscape Upgrades:** Lawn Removal & Installation of Drought Tolerant Plants

**Irrigation Upgrades:** Weather-Based Controllers, Drip Conversions, & Zone Improvements

## Landscape and irrigation upgrades provide a three year ROI

Built in 1983, Seven Springs HOA in Cupertino consists of nearly 408 homes. Gachina taught Seven Springs the three Rs of California landscapes – **renovation**, **rebates** and **returns**. Seven Springs was able to participate in their water district's rebate program by renovating their property's water loving landscape and retrofitting outdated irrigation system components. After their initial renovation investment of **\$150,000**, they received **\$43,000** in rebates. Their return on investment was realized approximately **3 years** after the renovation and continues with **ongoing water savings**.





## Cumulative savings of over \$535,000!

Gachina Landscape continues to save Seven Springs water and money with our commitment to superior water management. Gachina has saved Seven Springs **\$539,069** since **2010** with three years of over \$110,100 savings per year in 2015 - 2017. With California in a state of emergency, water restrictions were imposed and the cost of water began to rise. Water rates doubled in a five year period making ongoing water management even more valuable. Strategies included: continuous monitoring of plant material, weather conditions, ET data and soil conditions and making irrigation program adjustments accordingly. Further investment in irrigation upgrades included adding pressure regulation to the points of connection which helps minimize the wear and tear on the overall system, therefore decreasing maintenance costs in the future. Also, conversion of inefficient overhead spray to new more efficient drip and bubbler systems has resulted in greater water efficiency and conservation.



## Why save water?

Landscape renovations, irrigation retrofits, and superior water management enabled Seven Springs to:

- Reduce operating costs
- Receive rebates available from local water district
- Improve property values
- Act environmentally responsible
- Minimize water price increases

## How to save water

Gachina has proven methods for conserving water.

- Track water usage via frequent meter readings
- Install Smart Irrigation Controllers
  - Self adjusts daily to actual weather patterns
  - Continuous monitoring and adjustments of programs
  - Review and evaluate historic vs. actual ET
- Design and retrofit current irrigation systems
  - Convert spray nozzles to drip irrigation where applicable
  - For turf - install water saving, low mist nozzles with matched precipitation rates
  - Improve system design of water zones
- Reduce acres of water-loving lawns
- Design and install drought tolerant plants

*Enriching the life of everyone and everything we touch.*

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