

CASE STUDY: Terrace Gardens

ET Irrigation

ET Irrigation partnered with Terrace Gardens to help acquire city rebate funding to implement a controller modernization project integrating advanced flow management tools to reduce water waste.



CHALLENGE

A multibuilding complex with combined indoor and outdoor water meters struggled to identify water use trends across the site, which resulted in annually exceeding water allocations. Identifying budget friendly sitewide water waste reduction projects that would improve irrigation efficiency became the primary action step.

PROCESS

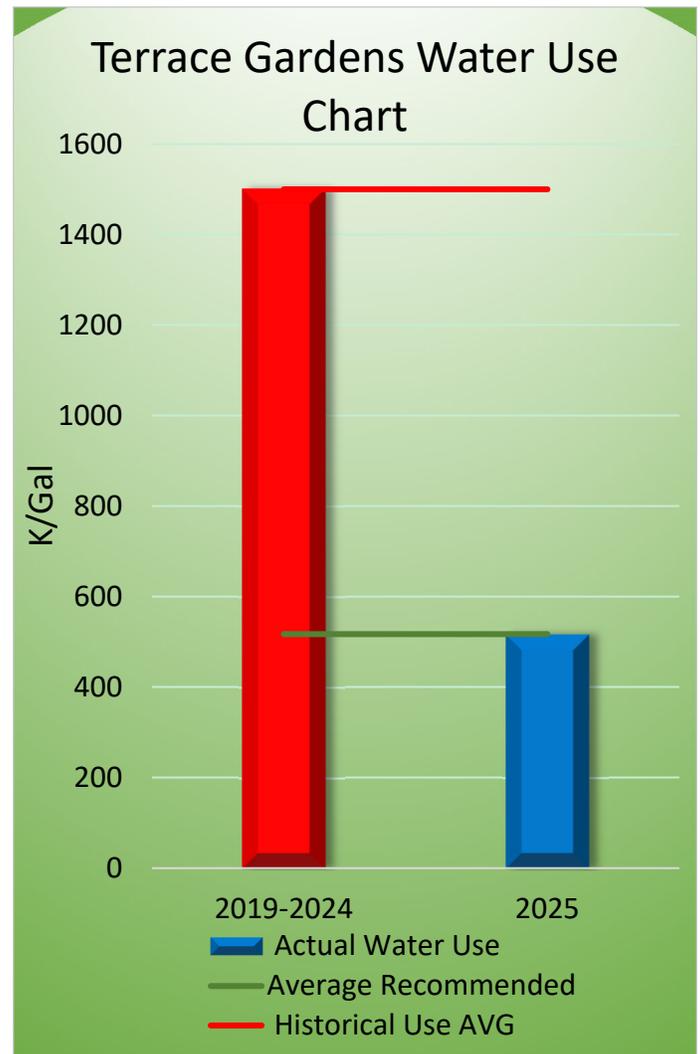
- Conduct a water use analysis to identify previous consumption.
- Correct weather-based controller and flow sensor technology
- Create an irrigation map of the system
- Implement sustainable irrigation management practices
- Utilize flow management tools to improve irrigation efficiency
- Identify landscape space to convert and reduce water need

RESULTS:

- 1-million-gallon reduction in first year vs 4-year historical average

CONTACT

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“Our goal was to determine landscape water requirements, balance irrigation maintenance cost and irrigation system operations to maximize water use efficiency - while providing Terrace Gardens with sustainable irrigation management results.”

— BRIAN BAIR
PRESIDENT ETIRRIGATION