

CASE STUDY: Coal Creek Villages

ET Irrigation

ET Irrigation retrofits conventional hardware to weather-based controllers and wireless communicating valves to enhance annual reductions for Coal Creek Villages.



CHALLENGE

With 30+ nodes on-site without wires back to a conventional controller, adapting to the constant changes of an irrigation season is inefficient and timely. ET Irrigation found wireless applications and upgraded the controller technologies to appropriately retrofit the system to optimize its irrigation management and system efficiency.

PROCESS

- Conduct a water use analysis to identify potential savings
- Create an Irrigation Map of controller zones
- Install weather-based irrigation controllers
- Initiate “in-ground” improvements to increase irrigation efficiency
- Implement sustainable irrigation management practices

RESULTS:

- **Average annual water reduction of 20% vs. Historical Consumption**

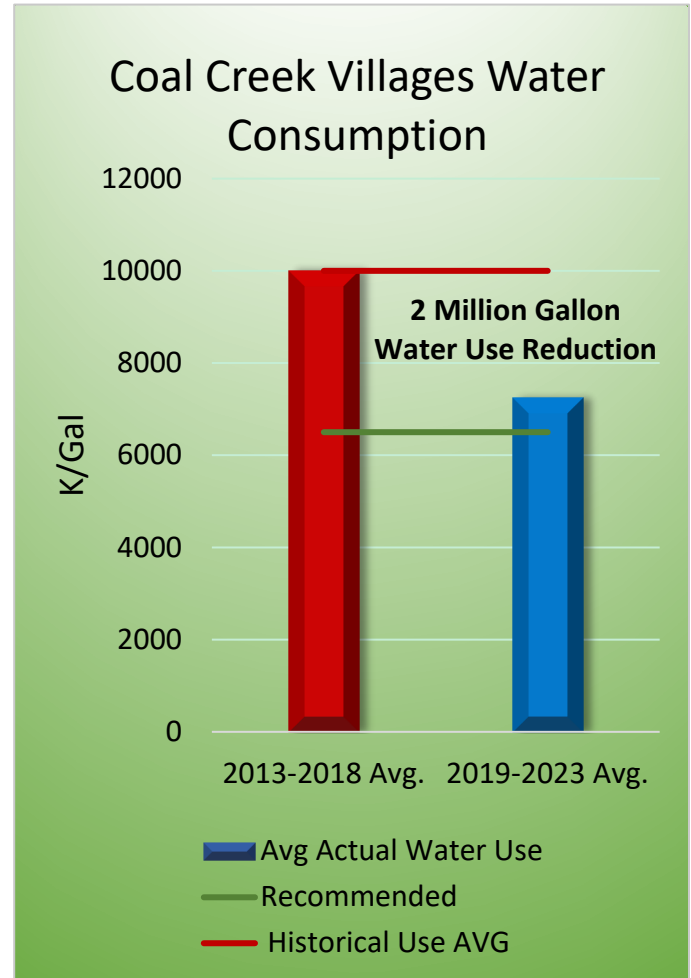
C O N T A C T

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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 Coal Creek Villages with sustainable irrigation management results.

— BRIAN BAIR

PRESIDENT ET IRRIGATION