

Fewer Drinks for the Links

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Drought Management and Conservation Department

Esri Story Map



The State Water Resources Control Board set water-use reduction requirements ranging from 8% to 36% for water suppliers to meet this mandate.

Cal Water assembled a dedicated drought team to achieve these targets in our 24 systems. Where Cal Water's Service areas stood in June 2015:

2 service areas in <u>severe</u> drought conditions

6 service areas in <u>extreme</u> drought conditions

16 service areas in <u>exceptional</u> drought conditions

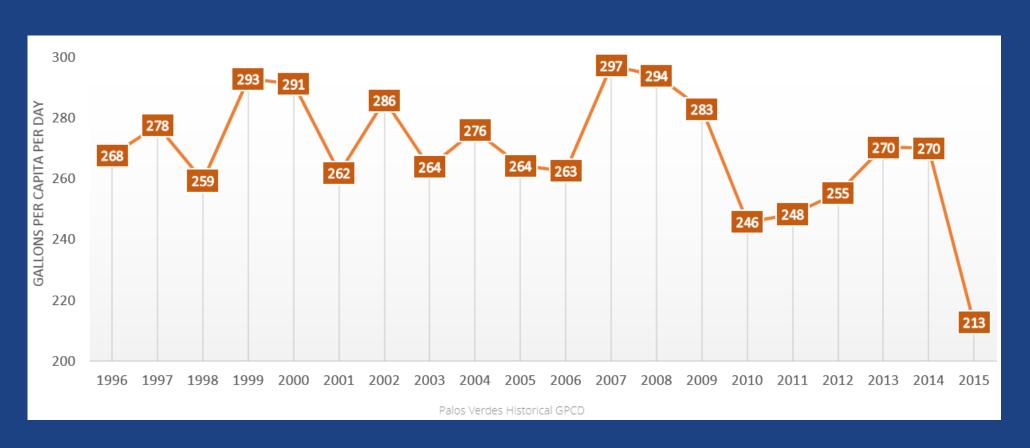


Palos Verdes reduction goal

36%



Palos Verdes Service Area Historical GPCD



Cal Water, committed to reducing water use for all service areas, partnered with some of our heaviest-using/ highest-consuming customers: **Golf Courses.**

One such golf course, the Palos Verdes Golf Club, has made leaps and bounds in reducing their water consumption. Some golf courses in California had to shut their doors because of the drought, but Palos Verdes Golf Club made many efforts toward water conservation.



Much can be done at a course to use less water while still making the course playable and maintaining the aesthetic appeal. PVGC has participated in many of Cal Water's Water Conservation incentives, rebates, and upgrades.

Click on the map for details of each water conservation project.

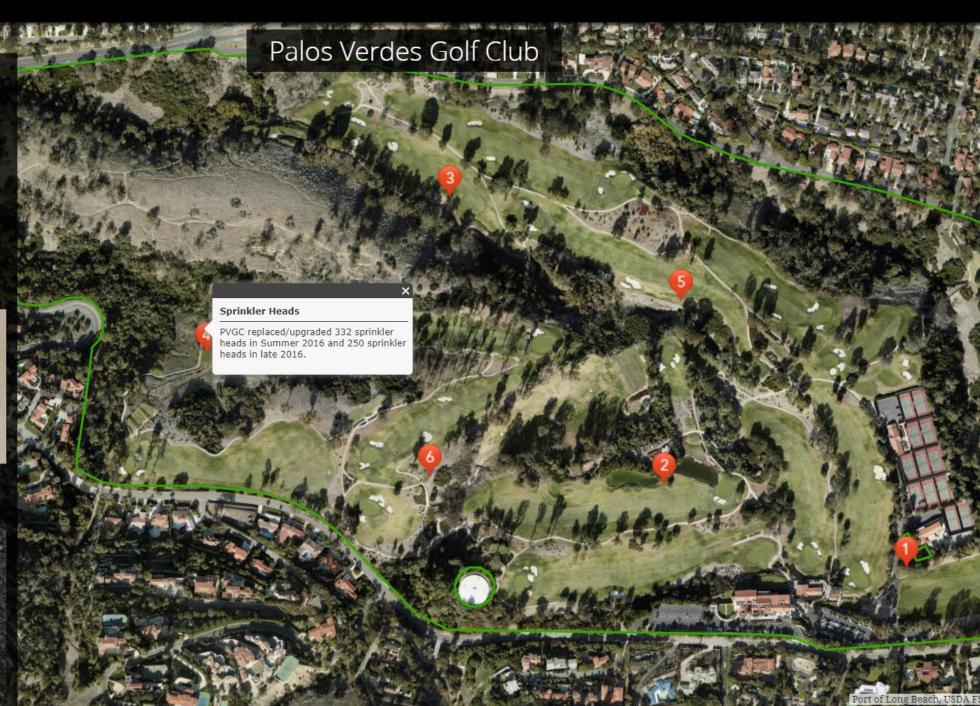
- 1. Pump Station Upgrade
- 2. Real-time Monitoring Devices



Orion Cellular Endpoint

3. Biochar Usage





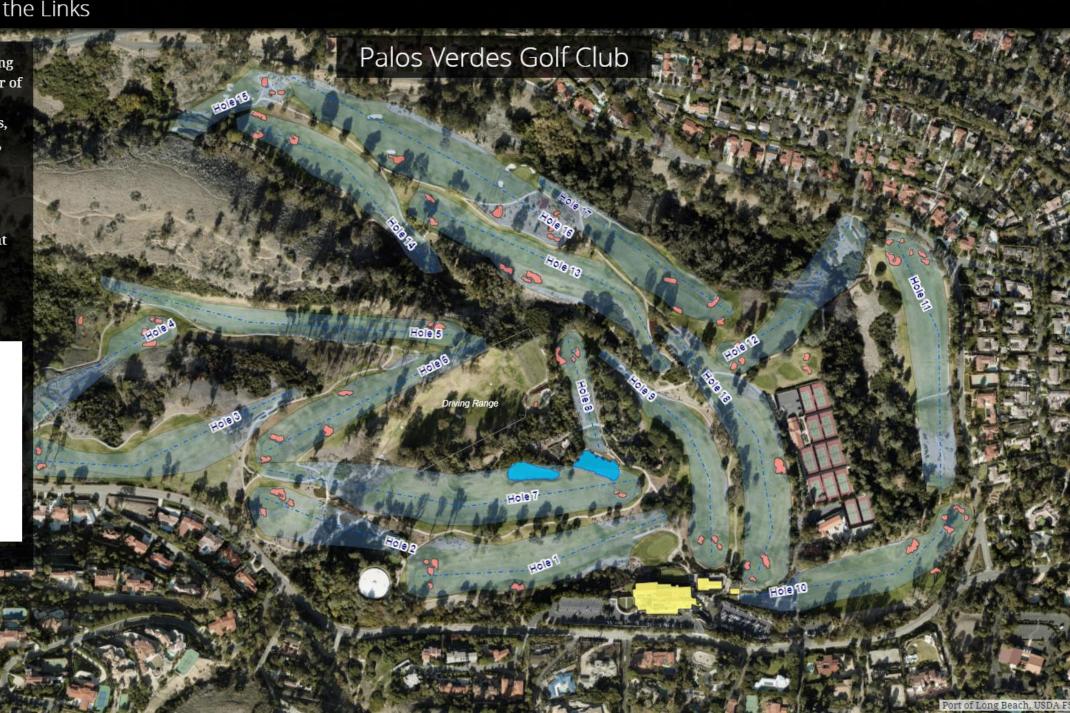


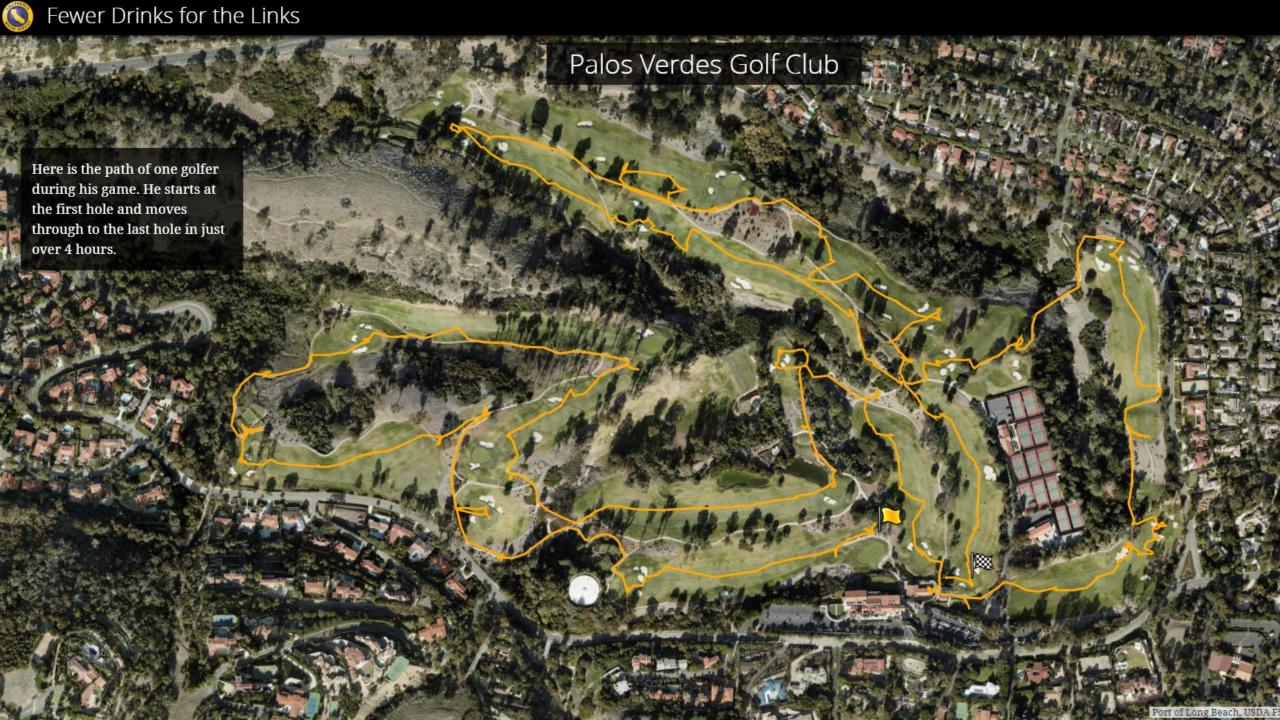
The Study began by gathering course information: number of holes, type of course, and marking out course features, such as hole locations, water features, bunkers, and club house, as control points.

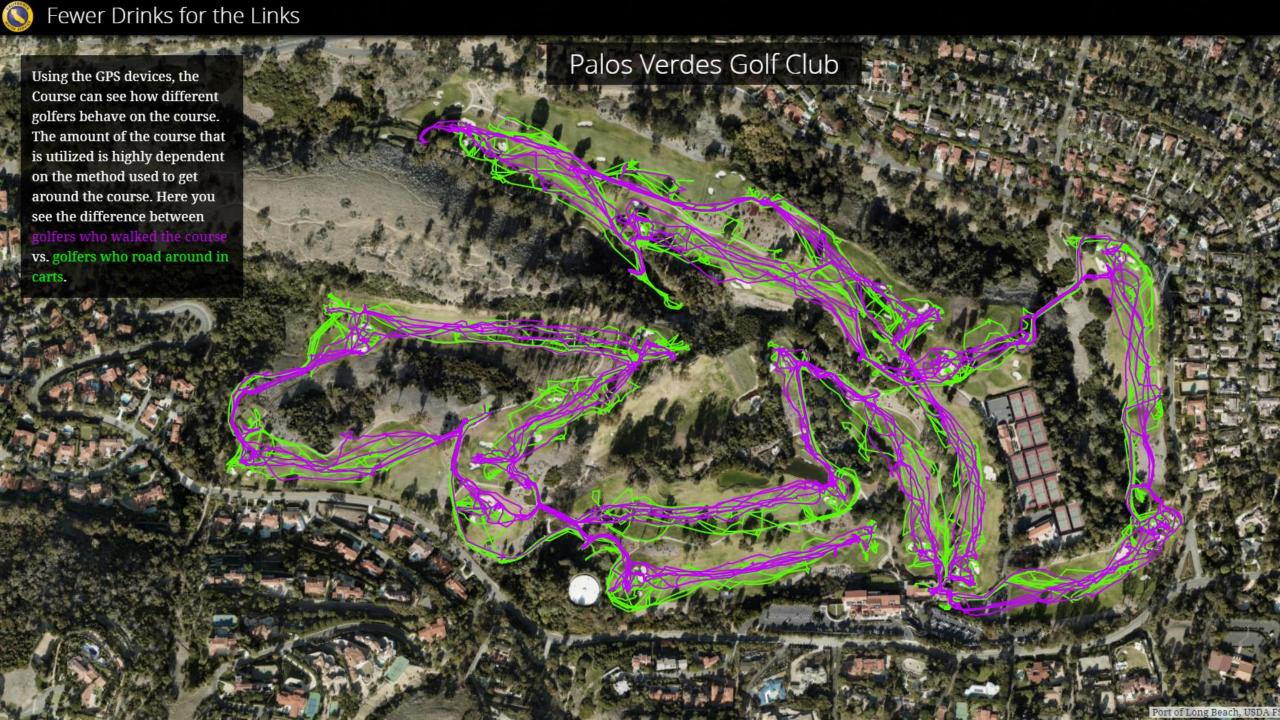
Control points are important for validating the data and were completed with a precision GPS device - the <a href="https://rrimble.com/Tri



Trimble Geo 7x











Conservation

Drought Resources Report Water Waste Conservation Reports

Rebates and Programs

Conservation Kits

H2O Challenge Conservation Tips

Drought-Resistant Plants

Conservation at Home

Urban Water Management Plans Other Resources

Turf Replacement Rebate Program

Cal Water will pay an incentive of \$1.00 per square foot for lawn that is replaced with climate-appropriate, drought-tolerant landscaping. Artificial turf and warm season turf grasses (bermuda grass, St. Augustine, etc.) do not meet program guidelines.

A minimum of 250 square feet of turf must be removed to be eligible for this rebate. For single-family residential customers, the maximum rebate is limited to 1,000 square feet of turf removed (\$1,000). For multi-family residential and non-residential customers, the maximum rebate is limited to 10,000 square feet of turf removed (\$10,000).

Cal Water will consider applications for turf replaced between January 1 and December 31, 2016, or until rebate funds are depleted, whichever comes first. Applications must be submitted through Cal Water's Program website. Paper applications cannot be accepted.

Additional restrictions apply, so be sure to read all program specifications, terms and conditions, and design guidelines for more

Cal Water is partnering with our wholesale water provider in areas where a wholesaler program may offer a larger rebate. Customers in our Los Altos district can apply for such rebates by visiting the Rebates and Programs page and selecting their district.

California Water Service (Cal Water) takes our responsibility for environmental stewardship seriously. We encourage customers to seek out healthier and more sustainable alternatives for turf replacement than artificial turf. See Artificial Turf.

Turf Removal

\$1/square foot

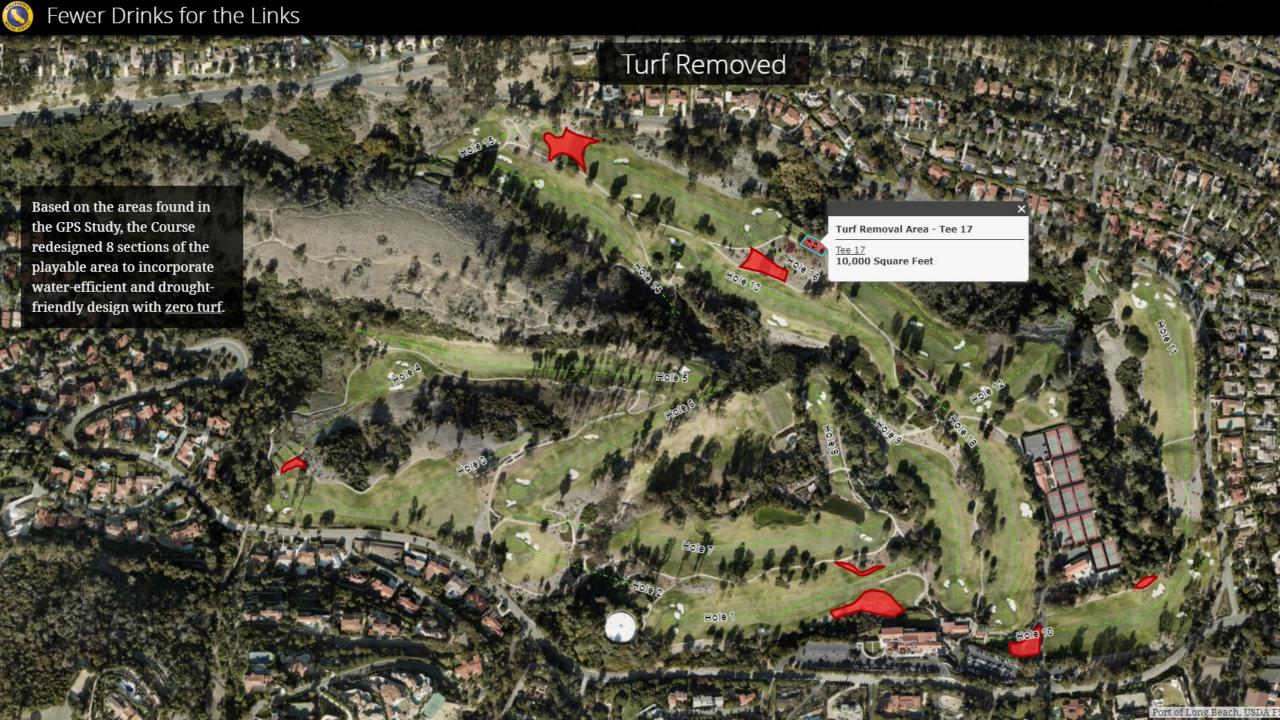
1 sqft = 24 gallons/year saved

(3) Latest News

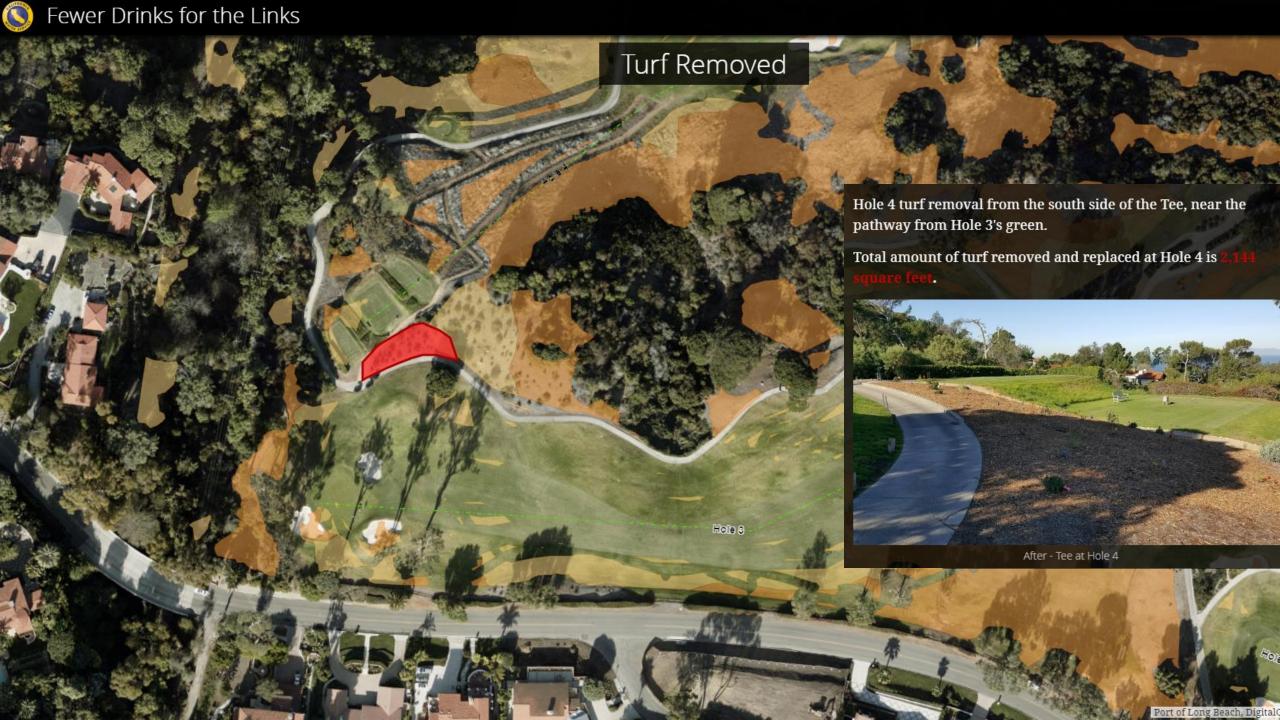
- al, Water Tests For and Confirms No Mercury in
- Main Replacement Project Will Improve Water
- (Corporate Information

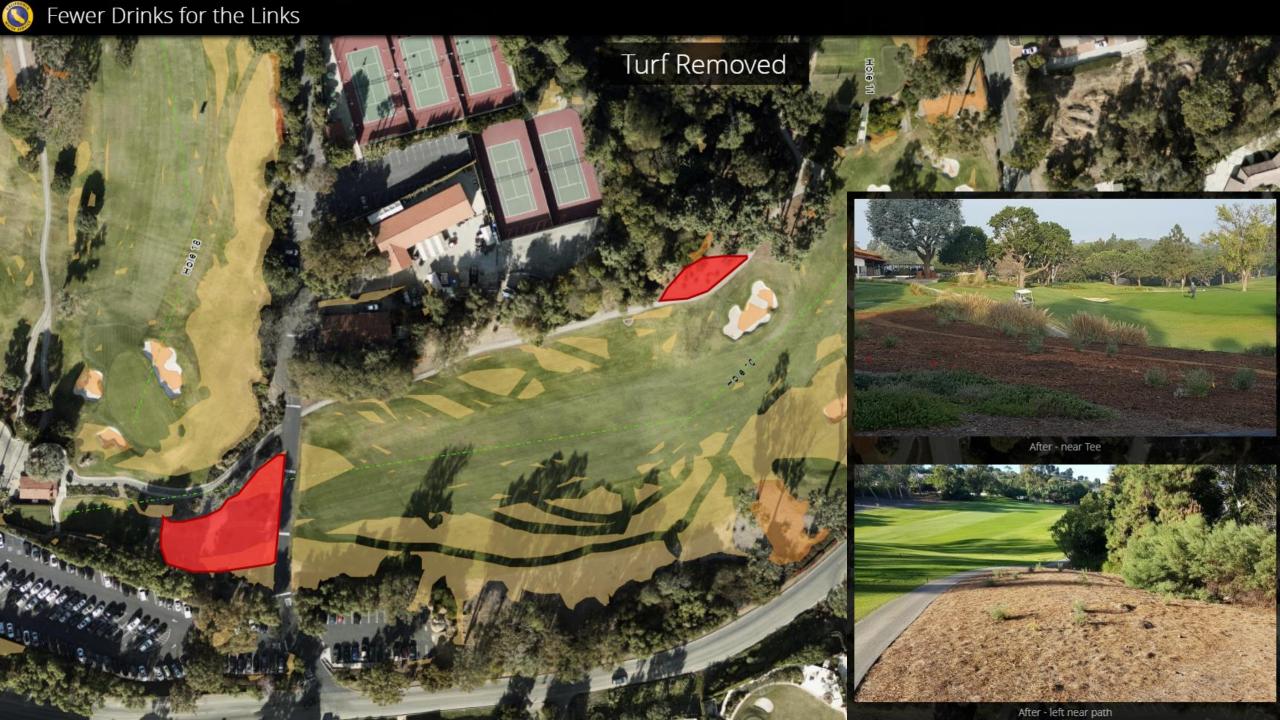
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This equates to 2,326,272 gallons of water saved per year!





For more information, please visit <u>www.calwater.com</u>

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The GPS logger study was made possible by the Drought Management and Conservation Department at California Water Service and Pat Gradoville, Director of Course and Grounds at Palos Verdes Golf Club.