water SMART | Success Story – Crow Canyon Heights

Common Interest
315 Diablo Rd. #221
Danville, CA 94526
Kellie Graham, Property Manager
(925) 743-3080
kgraham@commoninterest.com

Cleary Brothers Landscaping
P.O. Box 3577
Danville, CA 94526
Martin Cleary, Owner
(925) 838-2551
mcleary@clearybros.com

New high efficiency sprinklers and rotating nozzles

Estimated water savings for common area landscaping

11.9 million gallons used in 2007
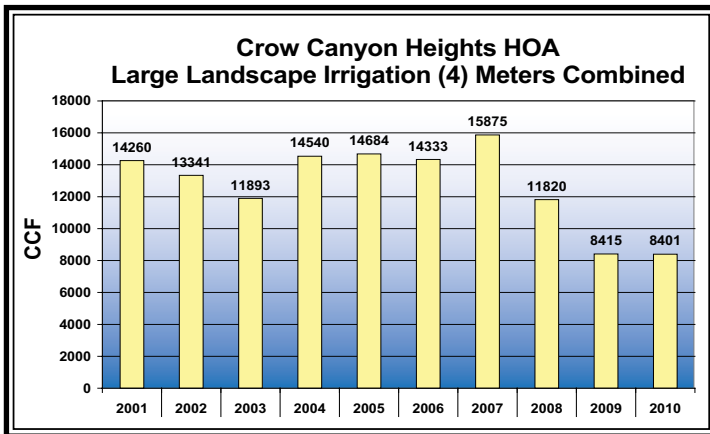
6.3 million gallons used in 2010

Total savings compared to 2007 usage:

5.6 million gallons and over $14,000

Crow Canyon Heights HOA
Large Landscape Irrigation (4) Meters Combined

Year	CCF
2001	14260
2002	13341
2003	11893
2004	14540
2005	14684
2006	14333
2007	15875
2008	11820
2009	8415
2010	8401

Dave Langridge
EBMUD Water Conservation Representative
Certified Landscape Irrigation Auditor
dlangrid@ebmud.com
510-987-7615

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Crow Canyon Heights contacted the East Bay Municipal Water District (EBMUD) Water Conservation Division to request a free irrigation audit in 2006. The audit was completed and a report submitted to Common Interest Management. Cleary Brothers Landscape then submitted an application for rebates from EBMUD. In 2008, Cleary Brothers submitted proposals to the Crow Canyon Heights Board of Directors to install new high efficiency lawn sprinklers equipped with pressure regulation devices, check valves, and rotating nozzles to improve sprinkler uniformity and minimize low head drainage. In addition, self-adjusting irrigation controllers were installed in some areas.

By 2011, Cleary Brothers submitted an upgrade application for the last irrigation only meter. Pending rebates total $6,100 through the end of 2011. For each rebate, water consumption was tracked and checked against a landscape water budget based on local weather and the total irrigated area for a period of one year. The bar chart shows how improved irrigation equipment and management can reduce water consumption and costs.