

FINAL WATER SAVINGS PROGRESS REPORT DUE TO
MODIFICATION OF SPRINKLER HEADS WITH “LITTLE VALVES”
AT INDUSTRIAL BUILDING, 26901 AGOURA ROAD CALABASAS,
CALIFORNIA

TRIAL PERIOD: DECEMBER 31, 2008 – DECEMBER 29, 2009

The subject building is located on Agoura Road just south of the 101 Freeway in the City of Calabasas, California. It is an industrial building with landscaping that is watered with 23 valves. The building is managed by Mid-Valley Properties, Kat Stimac, Property Manager. The LittleValve change-out took place during the first part of November, 2008. That work was performed by Ed Wallace of Midwest Landscaping, Long Beach. Shortly after the change-out, the landscape maintenance was taken over by Specialized Landscape Management Services, Inc. (SLM)

The water for the landscape irrigation is reclaimed and is provided by Las Virgines Municipal Water District. The reclaimed water meter number is ‘EUNIT9’. The water meter is read on a bi-monthly basis.

The pop-up riser stems on many of the sprinklers were changed out with Valvette Systems’ LittleValve replacement riser stems. Some of the pop-up sprinklers were replaced with Valvette System’s Little Tuffy pop-up sprinklers with the LittleValve built-into the stem. All existing shrub adapters were replaced with LittleValve shrub adapters – Model No. MB200.

Prior to change-out, watering was taking place 4 times weekly in all areas. After change-out, the watering days remained the same but the watering times were reduced. At the beginning of June, the maintenance contractor noticed that watering could be reduced even further likely due to the higher uniformity that LittleValve parts provide. Consequently, the watering days for the turf areas were kept at 4 times weekly, but days for the shrub and ground cover areas were cut in half and reduced to 2 times weekly.

The Progress Reports for this one-year trial period have FOUR ITEMS OF INTEREST that indicate that the true water savings are indeed higher than what is shown in this Final Report.

CALABASAS INDUSTRIAL BUILDING TRIAL

TRIAL PERIOD: DECEMBER 31, 2008 – DECEMBER 29, 2009

All figures are in HCF (748 gallons)

D = Decrease

I = Increase

Period	This Period's Usage	Usage in Prev. Year's Corresponding Period	Difference	Percentage Results
12/31 - 2/26/09	4.28 HCF/day 58 days (132 HCF)	5.37 HCF/day 63 days (338 HCF)	- 3.09	57.5% D
2/27 - 4/28/09	4.34 HCF/day 61 days (265 HCF)	5.55 HCF/day 62 days (344 HCF)	- 1.21	22% D
4/29 – 6/26/09	4.90 HCF/day 59 days (289 HCF)	6.92 HCF/day 61 days (422 HCF)	- 2.02	29.2% D
6/27 – 8/27/09	5.82 HCF/day 62 days (361 HCF)	9.44 HCF/day 59 days (557 HCF)	- 3.62	38.3% D
8/28 – 10/28/09	6.23 HCF/day 62 days (386 HCF)	9.22 HCF/day 63 days (581 HCF)	- 2.99	32.4% D
10/29 – 12/29/09	3.92 HCF/day 61 days (243 HCF)	3.41 HCF/day 59 days (208 HCF)	+ .051	15% I
TOTALS:	1,676 HCF = 1,253,648 gallons	2,450 HCF = 1,832,600 gallons		A Decrease of 578,952 gallons of water

Net result: **Year over Year Water Savings of 31.6%**