

**WATER SAVINGS PROGRESS REPORT DUE TO MODIFICATION OF
SPRINKLER HEADS WITH “LITTLE VALVES” IN MEDIAN STRIP ON
THOUSAND OAKS BLVD, AGOURA HILLS, CALIFORNIA**

The subject median strip is located on Thousand Oaks Boulevard running westerly from Kanan Road, the main north-south street in the City of Agoura Hills. Thousand Oaks Boulevard runs parallel to the 101 Freeway less than one mile to the north.

This median is planted in turf with small-medium sized trees running down the center. The median island would normally be characterized as having a length of one city block. It is 10 feet wide and irrigated by three remote control valves (RCV.) At the time of change-out in Mid-August, 2008, there were 70 heads. The spacing of the sprinklers in the middle section of the median was irregular and the heads were further apart than normal. On September 27th, the middle section was revamped with 6 heads being spaced closer together and 4 heads added to the system. Hence, after September 27th, the median now contained 74 sprinkler heads.

Prior to and after the change-out, the area was being watered 5 days weekly for 12 minutes per station. After the September 27th revamping, the watering days were reduced to 4 days weekly with 9 minutes per station. Due to the very hot weather in October, the watering days were increased on October 15th to 5 days weekly but the time lowered to 8 minutes per station.

The water used from August 31, 2007 to October 31, 2007, was 139 HCF – **103,972 gallons**. The water used from August 31, 2008 to October 31, 2008, was 65.68 HCF, which was adjusted to take into account 9.85 cu. ft. used for adjusting and setting the sprinklers after the revamping of September 27th. The 2-month period (shown in cubic feet for exactness) amounts to 6,568 cubic feet – **49,129 gallons**.

Therefore, even though there are 4 more sprinklers on the system now than there were in 2007, the year/year water savings achieved by using LittleValves amounts to **53%**.

December 4th Update

This interim meter read showed usage of 18 HCF for the 35-day period from October 30, 2008 through December 4, 2008. This translates into a daily use of .51 HCF/day. Last year's read from October 31 to December 27, 2007, a period of 57 days, showed 61 HCF resulting in a daily use of 1.07 HCF/day. These calculations indicate that the year/year water savings due to changing out to LittleValves for this similar period will amount to **52%**.