

M E M O

TO: Board of Directors

FROM: District Manager

DATE: July 19, 2007

SUBJECT: Water Conservation Credit Programs Status Report

RECOMMENDATION:

It is recommended that the Board of Directors review and file this memo regarding the Water Conservation Credit Programs for the period April 1, 2007 through June 30, 2007.

BACKGROUND:

At the March 6, 2003 Board of Director's meeting, your Board approved Resolution No. 27 (02-03) which implemented Water Conservation Credit Programs for the following:

- 1) A rebate credit, applied to the customer's water bill, of actual purchase not to exceed a maximum of \$100.00 per fixture, for the replacement of an existing conventional high-volume toilet (3.5+ gpf) with an ultra-low flow toilet (ULFT) (1.6 gpf); and
- 2) A rebate credit, applied to the customer's water bill, of actual purchase not to exceed a maximum of \$100.00 per appliance, for the purchase and installation of a high-efficiency clothes washer (HECW).

During the period April 1, 2007-June 30, 2007, District staff has processed 16 rebate credits for the purchase and installation of ultra-low flow toilets in the amount of \$1,600.00 and 21 rebate credits for the purchase and installation of high efficiency clothes washers in the amount of \$2,100.00. A total of 151 rebate credits (54 ULFT in the amount of \$5,345.92 and 97 HECW in the amount of \$9,700.00) in the amount of \$15,045.92 have been processed to date for Fiscal Year 2006/2007. The total available budget for Fiscal Year 2006/2007 is \$20,000.00.

Estimated water savings associated with the Water Conservation Credit Program are based upon the following:

High Efficiency Washing Machines assume average estimated annual savings of 5,100 gallons/year per replacement of a low-efficiency clothes washer with a high-efficiency washer.

Low-flush toilet estimated water use savings for the installation of a low-flush toilet is dependant on specific household demographics. Assumptions utilized for estimated savings are as follows:

- 2.64 average persons per household
- Manufacture date of toilet being replaced; 1980-1994
- 4.0 gallons per flush (gpf)

Utilizing these assumptions, the annual savings for the installation of a residential low-flush toilet range between 4,468-11,794 gallons/year per toilet. Average estimated annual savings of 8,130/year per toilet.

It is recommended that the Board of Directors review and file this memo regarding the Water Conservation Credit Programs for the period April 1, 2007-June 30, 2007.

James Mueller
District Manager

JAM/clt