

## **M E M O**

**TO:** Board of Directors

**FROM:** Finance Manager

**DATE:** October 15, 2009

**SUBJECT:** WATER CONSERVATION CREDIT PROGRAMS STATUS REPORT  
JULY 1, 2009 – SEPTEMBER 30, 2009

### **RECOMMENDATION:**

It is recommended that the Board of Directors review and file this memo regarding the Water Conservation Credit Programs for the period July 1, 2009 through September 30, 2009.

### **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)

At the September 3, 2009 Board of Director's meeting, your Board approved Resolution No. 7 (09-10) which implemented Water Conservation Credit Programs (to be effective September 15, 2009) for the following:

- 1) A rebate credit, applied to the customer's water bill, of actual purchase price not to exceed a maximum of \$150.00 per fixture, for the replacement of an existing conventional high-volume toilet (3.5+ gpf) with a high-efficiency toilet (HET) (1.28 gpf)
- 2) A rebate credit, applied to the customer's water bill, of actual purchase price not to exceed a maximum of \$100.00 per appliance, for the purchase and installation of a high-efficiency clothes washer (HECW).
- 3) A rebate credit, applied to the customer's water bill, of actual purchase price not to exceed \$20.00 per 100 sq. ft., and not to exceed \$500.00 per customer, for the purchase and replacement of an existing spray irrigation system with an appropriately installed drip irrigation system (DRIP).
- 4) A rebate credit, applied to the customer's water bill, of actual purchase price not to exceed \$1.50 per square foot, and not to exceed \$750.00 per customer for replacement of an existing lawn with synthetic turf or low-water use grass (LAWN).

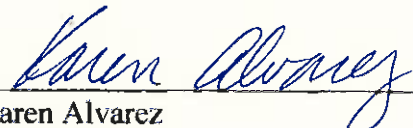
- 5) A rebate credit, applied to the customer's water bill, of actual purchase price, not to exceed \$75.00 per customer for a Weather-Based Irrigation Controller without an associated signal fee (WBIC).
- 6) A rebate credit, applied to the customer's water bill, of actual purchase price, not to exceed \$125.00 per customer for a Weather-Based Irrigation Controller with an associated signal fee (WBIC).

During the period July 1, 2009 through September 30, 2009, District staff has processed 61 rebate credits for the purchase and installation of ultra-low flow toilets in the amount of \$5,990.21 and 34 rebate credits for the purchase and installation of high efficiency clothes washer in the amount of \$3,400.00. A total of 95 rebate credits (61 ULFT in the amount of \$5,990.21 and 34 HECW in the amount of \$3,400.00) in the amount of \$9,390.21 have been processed to date for Fiscal Year 2009/2010. The total budget approved for Fiscal Year 2009/2010 is \$35,000.00.

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.
- Replacement of 3.5 gpf toilets with high-efficiency toilets of 1.28 gpf or less is estimated to result in savings of approximately 10 gallons of water per day for each toilet.
- Lawn replacement with synthetic turf saves approximately 17 gallons of water per square foot per year.
- Conversion of spray to drip irrigation system is estimated to save approximately 4,500 gallons of water per year for a 500 square foot landscape.
- Installation of a weather based irrigation controller is estimated to result in a 20% average reduction in landscape water.

It is recommended that the Board of Directors review and file this memo regarding the Water Conservation Credit Programs for the period July 1, 2009 through September 30, 2009.

  
Karen Alvarez  
Finance Manager

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**WATER CONSERVATION CREDIT PROGRAM SUMMARY**

<u>PERIOD</u>	<u>ULFT</u> <u>ADJ</u>	<u>ULFT</u> <u>CREDIT AMT</u>	<u>HECW</u> <u>ADJ</u>	<u>HECW</u> <u>CREDIT AMT</u>	<u>D RIP</u> <u>ADJ</u>	<u>D RIP</u> <u>CREDIT AMT</u>	<u>ICNS</u> <u>ADJ</u>	<u>ICNS</u> <u>CREDIT AMT</u>	<u>ICWS</u> <u>ADJ</u>	<u>ICWS</u> <u>CREDIT AMT</u>	<u>LAWN</u> <u>ADJ</u>	<u>LAWN</u> <u>CREDIT AMT</u>	<u>QUARTER</u> <u>TOTALS</u>
04/01/03 - 08/31/03 Debit acct #820264000	58	5,392.85 -11.13	46	4,600.00									9,981.72
09/01/03 - 12/31/03	31	3,100.00	29	2,900.00									6,000.00
01/01/04 - 03/31/04	14	1,400.00	26	2,600.00									4,000.00
04/01/04 - 06/30/04	14	1,324.26	28	2,800.00									4,124.26
07/01/04 - 09/30/04	10	1,000.00	33	3,300.00									4,300.00
10/01/04 - 12/31/04	13	1,274.70	28	2,800.00									4,074.70
01/01/05 - 03/31/05	17	1,700.00	36	3,600.00									5,300.00
04/01/05 - 06/30/05	9	900.00	21	2,100.00									3,000.00
07/01/05 - 09/30/05	13	1,274.52	16	1,600.00									2,874.52
10/01/05 - 12/31/05	8	795.04	26	2,600.00									3,395.04
01/01/06 - 03/31/06	14	1,360.21	39	3,900.00									5,260.21
04/01/06 - 06/30/06	15	1,426.60	24	2,344.04									3,770.64
07/01/06 - 09/30/06	15	1,500.00	27	2,700.00									4,200.00
10/01/06 - 02/31/06	8	800.00	29	2,900.00									3,700.00
01/01/07 - 03/30/07	15	1,445.92	19	1,900.00									3,345.92
04/04/07 - 06/30/07	16	1,600.00	21	2,100.00									3,700.00
<b>TOTAL</b>	<b>270</b>	<b>26,282.97</b>	<b>448</b>	<b>44,744.04</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>71,027.01</b>

**WATER CONSERVATION CREDIT PROGRAM SUMMARY**

<u>PERIOD</u>	<u>ULFT</u> <u>ADJ</u>	<u>ULFT</u> <u>CREDIT AMT</u>	<u>CW</u> <u>ADJ</u>	<u>CW</u> <u>CREDIT AMT</u>	<u>DRIP</u> <u>ADJ</u>	<u>DRIP</u> <u>CREDIT AMT</u>	<u>ICNS</u> <u>ADJ</u>	<u>ICNS</u> <u>CREDIT AMT</u>	<u>ICWS</u> <u>ADJ</u>	<u>ICWS</u> <u>CREDIT AMT</u>	<u>LAWN</u> <u>ADJ</u>	<u>LAWN</u> <u>CREDIT AMT</u>	<u>QUARTER</u> <u>TOTALS</u>
<b>Balance Forward</b>	<b>270</b>	<b>26,282.97</b>	<b>448</b>	<b>44,744.04</b>									<b>71,027.01</b>
07/01/07 - 09/30/07	74	7,208.40	18	1,800.00									9,008.40
10/01/07 - 12/31/07	34	3,400.00	26	2,600.00									6,000.00
01/01/2008-03/31/2008	13	1,300.00	16	1,600.00									2,900.00
04/01/08 - 06/30/08	36	3,585.32	34	3,400.00									6,985.32
07/01/08 - 09/30/08	46	4,536.95	27	2,700.00									7,236.95
10/01/08 - 12/31/08 Debit acct # 660877000	37	3,685.32 -37.89	18	1,800.00									5,485.32 -37.89
1/01/2009 - 3/31/09	42	4,200.00	35	3,500.00									7,700.00
04/01/09 - 06/30/09	32	3,200.00	32	3,200.00									6,400.00
07/01/09 - 09/30/09	61	5990.21	34	3,400.00									9,390.21
													0.00
													0.00
													0.00
<b>TOTAL</b>	<b>645</b>	<b>63,351.28</b>	<b>688</b>	<b>68,744.04</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>132,095.32</b>