



**CITY OF HOLLISTER**  
**375 Fifth Street - Hollister, CA 95023-3876**  
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**COMMUNITY SERVICES: UTILITY DIVISION**  
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January 31, 2013

Mr. Roger Briggs ([centralcoast@waterboards.ca.gov](mailto:centralcoast@waterboards.ca.gov))  
California Regional Water Quality Control Board  
Central Coast Region  
895 Aerovista Place, Suite 101  
San Luis Obispo, CA 93401

**SUBJECT:** Annual Summary for City of Hollister Water Conservation Program 2012

Dear Mr. Briggs:

The following report summarizes conservation measures accomplished for the City of Hollister Water Conservation Program during the last two quarters of 2012 and the cumulative savings projected for all measures taken during the entire year. Total anticipated reduction in water usage resulting from second half measures is approximately **4.057 Million Gallons (MGY)**, or **12.45 acre-feet/year (AFY)**. In total, an estimated **22.15 AFY** or **7.216 MGY** of additional cumulative yearly water savings and reduced wastewater flow should be achieved as a result of actions taken in 2012. These savings are predicted to result in about **19,770 gallons per day** flow reduction to the Hollister sewer system.

The City of Hollister, a member agency of the California Urban Water Conservation Council (CUWCC), helps finance the Water Resources Association (WRA) of San Benito County, which implements the Best Management Practices (BMPs) for water conservation, in addition to promoting water quality and resource protection activities.

The continuing goal of the Hollister Urban Water Management Plan has been to annually provide a total of **540** residential, institutional and commercial Ultra Low Flow Toilets (ULFTs), or more for retrofit. Free toilet distribution for toilet retrofit continues through outreach to commercial, institutional and residential customers, and providing units by appointment. The program also offers rebates to further encourage replacement of residential toilets. Free toilets are offered to WRA customers of the Hollister, Sunny-slope County Water, and San Juan Bautista Water Systems at the San Benito County Water District Yard. A decrease in ULFT units given out has resulted from saturation, a reduction in the number of inefficient models still in existence in the community, and some resistance by some residents to give up their old toilets.

For the second half of 2012, **no** institutional and **2** commercial Ultra Low Flow Toilets were provided for retrofit. In addition, **27** multi-family residential and **55** single-family residential ULF toilets were supplied and installed for this purpose. Within the City of Hollister water and sewer service area, a total of **53** of these fixtures were provided. An additional **29** fixtures were supplied to participants in areas serviced by the Hollister sanitation system. **Four** more rebates were granted for ULFT retrofits. For the second half of the year a total of **88** toilet retrofits were processed.

Upon final installation of all Ultra Low Flow Toilet retrofits distributed in the second half of 2012, estimated annual water savings and wastewater reduction within the City of Hollister water and sewer service areas should approximate **1.243 MGY (3.82 AFY)** or for the entire year approximately **1.995 MGY (6.12 AFY)** flow reduction to the Hollister sewer system, or about **5,470 gallons per day**.

**Note:** The following table summarizes the water conservation activities, including distribution and installation of water saving fixtures and devices for all four quarters of 2012, with estimated, annual, cumulative water savings projected. It further quantifies these activities, including any rebates issued or surveys conducted by service area, i.e. those within the City of Hollister water and sewer service area, or those only serviced by the Hollister sanitary system, but on alternate water supply.

<b>City of Hollister Water Conservation / Low Flow Fixture Retrofit Program 2012 Annual Quarterly Totals and Installation/Distribution/Activity Summary</b>															
	<b>Within City of Hollister Water and Sewer Area</b>				<b>Within Hollister Sewer Area Only</b>				<b>Total Fixtures within Hollister Sewer Area</b>				<b>Semi-(Q1-Q2) &amp; Annual Totals (Q1-Q4)</b>		<b>Annual Water Savings Acre-Feet per Yr. (AFY) Million gals/yr. (MG/Yr.)</b>
	<b>Quarter No.</b>				<b>Quarter No.</b>				<b>Quarterly Totals</b>				<b>Q1 + Q2</b>	<b>Q1 thru Q4</b>	
<b>CONSERVATION ACTIVITY / FIXTURE</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>			<b>Q1 + Q2</b>
<b>Multi-Family ULFTs</b>	4	0	7	14	1	4	2	4	5	4	9	18	9	36	<b>1.801 AFY (0.587 MG/Yr.)</b>
<b>Single Family ULFTs</b>	5	18	17	15	2	12	13	10	7	30	30	25	37	92	<b>3.953 AFY (1.288 MG/ Yr.)</b>
<b>Institutional ULFTs</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<b>0.0 AFY (0.0 MG/ Yr.)</b>
<b>Commercial ULFTs</b>	0	2	1	1	0	0	0	0	0	2	1	1	2	4	<b>0.200 AFY (0.064 MG/ Yr.)</b>
<b>ULFT Rebates</b>	0	0	3	0	0	0	1	0	0	0	4	0	0	4	<b>0.172 AFY (0.056 MG/ Yr.)</b>
<b>Rebates for High Efficiency Washing Machines</b>	9	2	4	5	9	11	6	6	18	13	10	11	31	52	<b>0.92 AFY (0.299 MG/ Yr.)</b>
<b>Plumbing retrofits, i.e. shower heads, faucet aerators etc.</b>	51	45	37	31	46	30	80	40	97	75	117	71	172	360	<b>8.01 AFY (2.610 MG/ Yr.)</b>
<b>Totals - Fixtures</b>	<b>69</b>	<b>67</b>	<b>69</b>	<b>66</b>	<b>58</b>	<b>57</b>	<b>102</b>	<b>60</b>	<b>127</b>	<b>124</b>	<b>171</b>	<b>126</b>	<b>251</b>	<b>548</b>	<b>15.056 AFY (4.904 MG/ Yr.)</b>
<b>Residential Water Conservation Surveys</b>	<b>48</b>	<b>43</b>	<b>37</b>	<b>31</b>	<b>33</b>	<b>28</b>	<b>80</b>	<b>40</b>	<b>81</b>	<b>71</b>	<b>117</b>	<b>71</b>	<b>152</b>	<b>340</b>	<b>7.095 AFY (2.312 MG/ Yr.)</b>
<b>Totals - Fixtures and Surveys</b>	<b>117</b>	<b>110</b>	<b>106</b>	<b>97</b>	<b>91</b>	<b>85</b>	<b>182</b>	<b>100</b>	<b>208</b>	<b>195</b>	<b>288</b>	<b>197</b>	<b>403</b>	<b>888</b>	<b>22.15 AFY 7.216 MGY million gals/year)</b>
* Water savings estimates are projections based on figures in the Hollister Area Urban Water Management Plan 2008.															

The High-Efficiency Clothes Washing Machine rebate program accounted for 9 retrofits for the second half of the year in the City of Hollister water and sewer area and another 12 in Hollister

sewer service areas, for a total of **21** overall for the year. The total retrofits for 2012 should realize additional water savings and Hollister wastewater reduction in excess of **299,000 gallons** per year.

In conjunction with the Water Conservation Program, which the City of Hollister helps fund, a total of **188** more residential water conservation surveys were performed, **68** within the Hollister water service area and **120** more in areas served by the Hollister sewer system. A total of **360** surveys were performed for the year, exceeding the annual goal of **250** surveys. Associated with these surveys, **188** more plumbing retrofits were provided. These combined efforts should realize added water savings and Hollister wastewater reduction of **15.11 AFY or 4.922 million gallons per year**. The WRA continues to offer water conservation audits of commercial and institutional accounts, as well.

A recently initiated program now offers rebates to customers who purchase new water conserving sprinkler heads for more efficient landscape irrigation. Another class to promote drought tolerant landscape plants and irrigation efficiency was also presented.

Community outreach continues through regularly televised public service, newspaper and website advertisements. Production of the local community access television "Going Green" program also continues to cover water issues, such as conservation and resource protection with promotion of upcoming events, such as classes in water efficient landscape design. Additional water conservation and resource protection information was offered at booths established at the weekly Farmer's Market, held into September, as well as at the annual San Benito County Fair.

The fall edition of the semi-annual "Water Conservation Update" Newsletter was published and distributed with water bills. The on-going water conservation and resource protection message was presented in a number of class-room and field trip events to hundreds of students in schoolrooms and afterschool programs as well as at youth oriented events.

Further, the water softener rebate program continues to offer rebates to encourage replacement, or elimination of less water-efficient, salt re-generating units. For the year 2012, **30** additional rebates were granted for removal of older units. The original program goal was **500** retrofits and the program has been extended through December 2014. **504** rebates have been awarded through the end of 2012.

The WRA of San Benito County, funded in part by the City of Hollister, continues to offer water saving audits for businesses and residences, encourage water saving toilet retrofits in more multi-family residential and institutional locations, provide plumbing retrofits, more water efficient landscaping and irrigation methods at local schools and parks, and to create greater public awareness and involvement in water conservation practices and resource protection measures.

If you have any questions, please don't hesitate to call me at the number above. Thank you.

Sincerely,



Jim Hart, Utility Technician

Cc: Dennis Rose, Wastewater Supervisor  
Shawn Novack, Water Resources Association of SBC