



**50% Progress Report – City of Longmont Water  
Conservation Implementation Grant  
December 10, 2012**

Goals:

**#1 – Reduce customer and City raw water demands by approximately 10 percent by build out, for an expected reduction of about 3,500 acre feet.**

Progress - As part of City of Longmont's draft 2012 Water Conservation Program Evaluation, preliminary numbers show Longmont's gross per capita water use continues to decrease. From 2003 to 2011, the gross per capita water use decreased from 181 gallons per capita per day to 162 gallons per capita per day, a decrease of approximately 10 percent.

**#2 – Enhance the City of Longmont reuse program which in part includes the reuse of wastewater treatment effluent.**

Progress – One example of City of Longmont enhancing its reuse program is entering into Water Exchange Agreements. Water Exchange Agreements is where Longmont exchanges its reuse wastewater treatment effluent (fully consumable water), for an equal amount of Colorado Big Thompson Project Water and/or St. Vrain Basin Water Rights decreed for municipal use. These water rights are then delivered to Longmont's Nelson/Flander Water Treatment Plant, treated and delivered to our water customers. Water Exchange Agreements increase Longmont's overall water supply.

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**Activity #1 – Pre-Rinse Nozzles:**

Planned – Install 25 pre-rinse nozzles in September/October 2012, annual savings of 19 acre feet

Progress/Actual – No pre-rinse nozzles were installed during September/October 2012.

Obstacles encountered – Inconsistent documentation from Longmont's consultant has resulted in the inability to measure the exact number of pre-rinse nozzles installed.

Preliminary findings – none

Potential need for revisions to scope or timeline – Longmont has recently changed consultants and improved installation tracking methods. Need revision to timeline. Longmont is anticipating installing 25 pre-rinse nozzles by June 2013, annual savings of 19.0 acre-feet.

**Activity #2 – Toilet Rebate:**

Planned – Offer 100 total rebates between September 2012 and January 2013. ULF Toilet rebates at \$50.00 per rebate and Dual Flush Toilet rebates and \$100.00 per rebate. Estimated annual savings of 3.4 acre-feet.

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Progress/Actual – From September 1, 2012 to November 30, 2012, City of Longmont provided a total of 94 Toilet Rebates. 65 ULF (Ultra Low Flow) toilet rebates and 29 DF (Dual Flush) toilet rebates. Estimated annual savings of 3.2 acre-feet. The toilet rebate costs from September 1, 2012 to November 30, 2012 totaled \$6,150.00.

Obstacles encountered – none

Preliminary findings – Toilet rebates continue to be well received by the Citizens of Longmont.

Potential need for revisions to scope or timeline – none

**Activity #3 – Slow the Flow Outdoor:**

Planned – Conduct 70 residential and 10 commercial audits between July and September 2012, estimated annual savings of 2.4 acre-feet

Progress/Actual – CRC conducted 36 residential and 6 commercial outdoor audits in July and August 2012. To have the most impact during the 2012 irrigation season, this activity had to be started in May with advertising and some audits were performed in June. This was prior to the grant award date of June 28, 2012, and we will not request reimbursement from CWCB. The cost of the Slow the Flow Outdoor Audits performed during July and August 2012 totaled \$10,895.20

Obstacles encountered – none

Preliminary findings – Demand for commercial audits continues to increase, where demands for residential audits have slightly decreased.

Potential need for revisions to scope or timeline – Since the start of the irrigation season was prior to the grant award, some audits were conducted in May/June. We acknowledge that CWCB will not reimburse costs incurred prior to the grant award. This is a program that the City of Longmont conducts each year. We propose to spend the remaining funds (\$2,854.80) for this activity by conducting additional audits in May/June 2013, the beginning of the 2013 irrigation season and within the one year period of this grant.

**Activity #4 – Water-Wise:**

Planned – conduct two water-wise seminars in April/May 2013

Progress/Actual – No activity.

Obstacles encountered – No activity.

Preliminary findings – No activity.

Potential need for revisions to scope or timeline – No activity.

**Activity #5 – Garden-In-A-Box:**

Planned – Prepare and sell 125 gardens between February and April 2013

Progress/Actual – No activity.

Obstacles encountered – No activity.

Preliminary findings – No activity.

Potential need for revisions to scope or timeline – No activity.

**Budget Item #6 – Marketing/Advertising for all City Programs:**

This budget item is the City of Longmont's matching funds for the grant. The budget is \$10,500 for developing/implementing a PR campaign, City Web/TV broadcasts, ads in local newspapers and an annual newsletter. City expenditures are provided for your information.

During the period July – November 2012, advertisement costs totaled \$3,434.58