



**75% Progress Report – City of Longmont Water
Conservation Implementation Grant
April 17, 2013**

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 2012 Water Conservation Program Evaluation, 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.

Activity #1 – Pre-Rinse Nozzles:

Planned – Install 25 pre-rinse nozzles by June, 2013 with an annual savings of 19 acre feet

Progress/Actual – No pre-rinse nozzles have been installed to date.

Obstacles encountered – Inconsistent documentation from Longmont's prior consultant has resulted in the inability to measure the exact number of pre-rinse nozzles installed. No new contract for installation of nozzles has been finalized.

Preliminary findings – none

Potential need for revisions to scope or timeline – Longmont is in the process of changing the contractor responsible for performing the nozzle installation and tracking. With no new contract finalized at this time, a revision to the timeline is needed. Longmont is anticipating installing 25 pre-rinse nozzles by June 2013, for an annual savings of 19.0 acre-feet. If Longmont is unable to secure a new contractor in time to assist Longmont with installing the pre-rinse nozzles by June 2013, Longmont suggests applying the money toward additional toilet rebates.

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. For an estimated annual savings of 3.4 acre-feet.

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 for an estimated annual savings of 3.2 acre-feet. The toilet rebate costs from September 1, 2012 to November 30, 2012; totaled \$6,150.00, was billed in the 50% Progress Report.

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 – If the rebate totals justify, money will be transferred from the Pre-rinse nozzle activity.

Activity #3 – Slow the Flow Outdoor:

Planned – Conduct 70 residential and 10 commercial audits in 2013, for an estimated annual savings of 2.4 acre-feet.

Progress/Actual – Memorandum of Understanding (MOU), entered into with “the Center for ReSource Conservation” for a cost of \$13,750.00. The non-refundable program fee is \$3,437.50, receipt is attached. Audits of large properties are \$50 per hour plus an additional charge of \$150 per property. Residential audit rate is \$100 per audit with no impact analysis. With an impact analysis included the residential rate is \$110. No audit activity to date in 2013.

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 – If weather interrupts an audit and it cannot be completed at that time, the City of Longmont will be charged two audit hours as well as the time needed to complete the audit at a later date.

Activity #4 – Water-Wise:

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

Progress/Actual – The City of Longmont is hosting two water-wise landscape seminars. The Edible Xeriscape seminar will show how to incorporate edible plants into a water-wise landscape. This seminar will be held at the Senior Center at 910 Longs Peak Avenue, Wednesday, April 17, 6-8pm. At the Creating A Drought Tolerant Landscape Seminar people will learn what plants are hardy in drought conditions and how to care for them to get the best results in beautifying their yard and saving water. This seminar will be held at the Senior Center, 910 Longs Peak Avenue, Monday, April 22, 6-8pm.

Memorandum of Understanding (MOU), entered into with “the Center for ReSource Conservation,” (CRC) for a City of Longmont contribution of \$1,700 to the CRC for the first seminar and \$1,400 for each seminar thereafter. The \$1,700 receipt for the first seminar is attached.

Obstacles encountered – None.

Preliminary findings – None.

Potential need for revisions to scope or timeline – None.

Activity #5 – Garden-In-A-Box:

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

Progress/Actual – Memorandum of Understanding (MOU), entered into with “the Center for ReSource Conservation,” (CRC) The City of Longmont will pay a base program fee of \$4,000. This covers 80 gardens.

Obstacles encountered – None.

Preliminary findings – No activity.

Potential need for revisions to scope or timeline – Additional gardens will be provided for a fee of \$25 per garden as well as a surcharge of \$25 for any unsold garden over 80. The unsold garden surcharge will be assessed on June 31, 2013.

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.