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MEMORANDUM

CWS File #14-100

To: Ben Wade, CWCB

From: Michelle Hatcher *myH*

cc: Wes LaVanchy & Julie Pasillas – Town of Firestone

Date: August 18, 2014

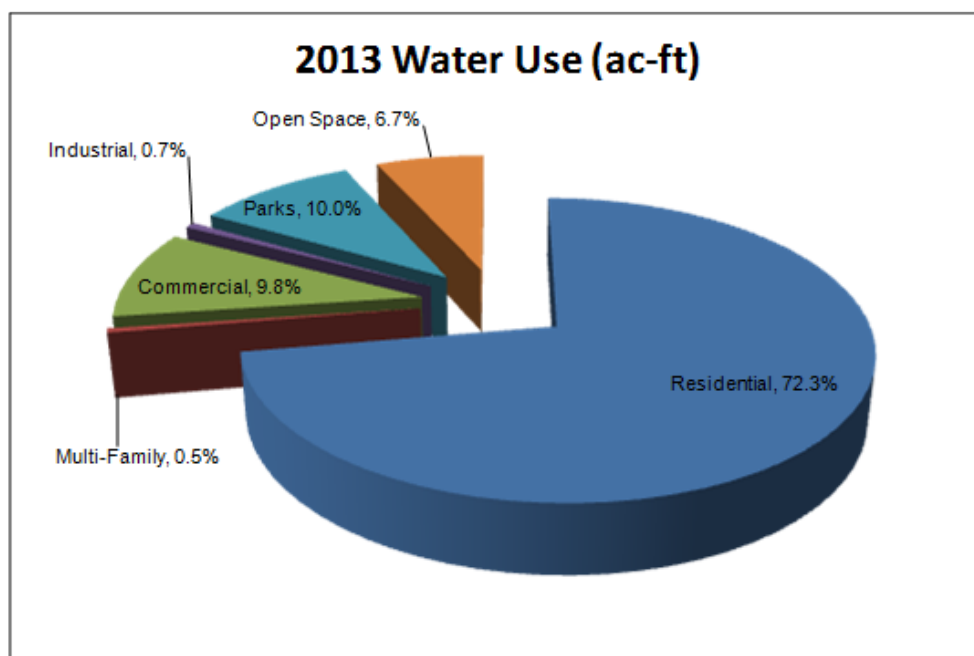
Subject: 50% Progress Report for Town of Firestone Municipal Water Efficiency Plan

Clear Water Solutions (CWS) is assisting the Town of Firestone with updating their Municipal Water Efficiency Plan in accordance with State regulations following the Guidance Document (dated July 2012) produced by the Colorado Water Conservation Board. The Guidance Document outlines six steps in the water conservation planning process. To date, the Town has made progress towards completion of Steps 1-3 which includes initial discussions with Town Staff on water efficiency activities.

Firestone delivered 1,799 acre-feet of potable water in 2013 to a population of approximately 10,962 residents. The Town's water supply consists solely of Colorado-Big Thompson (CBT) units. This water is treated and supplied to the Town by Central Weld County Water District (Central Weld), a wholesale water provider. The Town of Firestone transfers the CBT water it owns to Central Weld on an annual basis for Central Weld to treat and deliver up to the master meters.

Firestone's water tracking system separates water usage into six customer categories: residential, multi-family, commercial, industrial, parks and open space. The figure below breaks out the water usage per customer category as a percentage of the total use for 2013. It shows the Residential category is the largest at approximately 72.3% of total usage.

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Prior to and through their current Municipal Water Efficiency Plan, the Town has established the following water efficiency activities:

Historical and Current Water Efficiency Activities	
Foundational Activities	
Automatic Meter Reading Installation and Operations	
Replace Inaccurate Meters	
Three-tier Rate Structure with Regular Updates to Rate Study	
Irrigation Audits for Town Parks	
Installation of Water Efficient Irrigation Controls on Park Irrigation Systems	
Targeted Technical Assistance and Incentives	
Toilet Rebates	
Water Efficient Washing Machine Rebates	
Wind and Rain Sensors Installed On New Properties	
Ordinances and Regulations	
Time of Day Watering Restriction (Voluntary)	
Water Waste Ordinance	
Education Activities	
Water Conservation Page on Town Web site	
Historic Water Usage Provided on Water Bills	

CWS and Town staff are currently working to determine the water savings evident from implementation of these activities.

The Town and CWS has yet to determine desired water efficiency goals and screening of water efficiency activities for the plan update. We anticipate meeting with the town on these items within the next couple of weeks (or as schedules allow). The next step

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includes performing an analysis on the selected activities for further evaluation by the Town.

To date our budget estimates for each step have been fairly accurate. We are however, a little behind schedule, which we have updated in the following table.

Task	Date
Grant application submitted to CWCB	2/27/2014
CWCB approves grant and PO issued	5/6/2014
Kick-off meeting with Town staff	7/15/2014
Submit 50% progress report to CWCB	8/18/2014
Submit 75% progress report to CWCB	9/22/2014
Submit draft plan to staff for review and comment	10/13/2014
Staff provides comment from review	10/27/2014
Submit draft report to Town Board for review	11/3/2014
Present draft report at Town Board meeting and collect comments	11/12/2014
Notify public of draft plan in paper and website	11/13/2014
Public review period (60 days)	1/12/2015
Town provides public input comments to CWS	1/13/2015
CWS incorporates public comments	1/12/2015
Town Board formally adopts final report	1/14/2015
CWS submits final report to CWCB	1/15/2015
CWCB approves final report	up to 90 days