

STATE OF COLORADO

Colorado Water Conservation Board Department of Natural Resources

1313 Sherman Street, Room 721
Denver, Colorado 80203
Phone: (303) 866-3441
Fax: (303) 866-4474
www.cwcb.state.co.us



TO: CWCB Board Members

John W. Hickenlooper
Governor

FROM: Kevin Reidy
OWCDP-Water Supply Planning Section

Mike King
DNR Executive Director

Jennifer L. Gimbel
CWCB Director

DATE: January 10, 2013

SUBJECT: **Agenda Item #19, March 19-20, 2013 Board Meeting**
Water Supply Planning – Castle Pines Metropolitan District Conservation Grant Update

Staff Recommendation: *This is an informational item only. No Board action is required.*

Background: Castle Pines Metro District received a grant from the Water Efficiency Grant Fund in April of 2012. The grant project incorporates both AMI (Advanced Metering Infrastructure) purchase and installation and the AquaHawk Alerting software program utilization. This is a status update on each item for the CWCB Board.

AMI Installation for Sustainable Water Conservation Savings Project Status

1583 endpoints have been installed which represents the majority of District meters. There are only 99 endpoints left to install. This process has gone smoothly. Castle Pines Metro is getting over a 98% read success rate which is excellent and means that each meter's data is included in the daily AquaHawk Alerting report.

AquaHawk Alerting – Advanced Leak Detection and Irrigation Efficiency (ALDIE) Program Status

Castle Pines Metro staff receives a daily AquaHawk Alerting Report which is an intensive data management report generated from the consumption data acquired by the AMI system.

Castle Pines Metro staff cross-reference the AquaHawk Alerting Report with the AMI software system, "FlexNet", each morning for accuracy. In fourteen months of using AquaHawk, Castle Pines Metro has prevented the loss of 17.23 AF and the avoided cost in this time frame is \$258,450.00.