



October 29, 2012

Water Efficiency Grant PDA 13000000027
Steamboat Springs, Colorado

50% Progress Report

The following is a progress report regarding the **Water Efficiency Grant - Web Portal to Detect Leaks for Customers (SOW CMS#48053)**. The project is now 50% complete and the following items have been performed:

Task 1: Web Portal Software

- **Configured the relational database** - A unique instance of the AquaHawk Alerting portal and database have been created for MWW.
- **Integrated the data analytics engine** - this part of the software application performs statistical data analyses and uses mathematical computations to determine when a water customer's usage indicates a potential leak or other problem. This engine has been integrated into the MWW Portal.
- **Finalized the Customer Portal** - Customer account information has been imported into the AquaHawk application.
 - When MWW makes the portal available to customers, they will be able to register for access to their online account information.
- **Finalized the Water Utility Portal** - Mt. Werner Water's staff members can access customer account information via AquaHawk.
 - The portal splash page has been configured for MWW
 - User accounts have been created

Task 2: Integrated MWW Customer Information into the Web Portal

- Created user accounts and imported historical consumption data

Task 3: Integrate Aclara AMI Star System Data into the Web Portal

- Daily consumption data from the Aclara AMI system is automatically imported into the AquaHawk system each day.

Mt. Werner Water has received reports of high usage from AquaHawk and have responded to customers on those reports. The information has resulted in catching stuck toilets, leaks, broken irrigation lines etc. that would not have been caught as quickly before. Because a number of our customers are absentee owners, this service will be invaluable. The association managers that we have spoken to are really looking forward to having this service on line to manage their water usage.

Mt. Werner Water is looking forward to the next stage of implementation of this project. Our customers being able to look at their usage on line and determine high water usage will be a needed step to additional water conservation. Also, reports from AquaHawk will alert us quickly to possible broken pipes and more as we enter the winter season.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Nancy Wilson". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Nancy Wilson
Office Manager
Mt. Werner Water and Sanitation District