

## **M E M O**

**TO:** District Manager

**FROM:** Director of Operations

**SUBJECT:** OPERATIONS DEPARTMENT PROJECT STATUS REPORT  
WEEK ENDING SEPTEMBER 25, 2009

**DATE:** September 23, 2009

### **RECOMMENDATION:**

It is recommended that the District Manager review and file the Operations Department Project Status Report for the week ending September 25, 2009.

### **BACKGROUND:**

#### **DROUGHT CONTINGENCY PLAN**

The District is continuing with a water conservation program requesting customers to continue with a twenty percent reduction in water use. Water conservation information was mailed May 08, 2009 to all District customers outlining the water conservation program. Water conservation billboards have been placed throughout the entire water system. To date water consumption/production has been reduced due to conservation and cooler summer temperatures.

#### **MANANA WOODS SCADA**

Staff completed the installation of SCADA equipment throughout the Manana Woods Water system in Scotts Valley. This equipment will give full treatment process monitoring, water storage tank level monitoring, in addition to many alarms. This installation is part of a major upgrade to the Manana Woods and Pasatiempo Pines water system. The equipment also includes closed circuit television monitoring and other security measures. The manufacture was at the District for three weeks to bring the facilities on line and interface the new equipment with existing SCADA equipment. Several problems have been experience with the transition. The software provider is still in the process writing programs for the interface of closed circuit television cameras and entry alarms for several facilities.

#### **FELTON WATER SYSTEM ACCOUNT REVIEWS**

Notices have been mailed to approximately 200 customers in the Felton Water System advising that the District is performing review of water service accounts. Staff has started the in-field house by house review to obtain important base line data in regards to meter sizing, multiple user sizing, cross-connection control, fire service, and water meter locations. Field reviews are being performed by meter book, approximately 200 service connections in each book, with a total

seven books. The first area being survey is Highway 9 from El Solo Heights to downtown Felton. The first surveys are time consuming due to complex Commercial/Residential/Multiple Residential parcels.

#### MAIN REPLACEMENT CALIFORNIA DRIVE


During the reporting period staff replaced approximately 40 lineal feet of two-inch water main off California Drive, in Ben Lomond. The main line was replaced under the three leak rule. The three leak rule replaces a water service/main on the third leak experienced. However this main exceeded the three leak rule and was repaired eight times.

#### FIRE HYDRANT UPGRADE SCOTTS VALLEY

Staff continued working with the Scotts Valley Fire District regarding upgrading of five fire hydrants in the Scotts Valley Area. Most of all the fire hydrants in this area are greatly undersized and require upgrading. In addition to upgrading the fire hydrants several bacteriological sampling stations will be installed at the same locations utilizing the same construction trench.

#### PASATIEMPO WELL 7 MOTOR REPLACEMENT

During the reporting period Pasatiempo Well 7 required motor replacement due to wear. The well motor was downsized to reflect lower water levels in the well.

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Rick Rogers  
Director of Operations