

M E M O

TO: District Manager

FROM: Director of Operations

SUBJECT: OPERATIONS DEPARTMENT PROJECT STATUS REPORT
WEEK ENDING OCTOBER 8, 2009

DATE: October 8, 2009

RECOMMENDATION:

It is recommended that the District Manager review and file the Operations Department Project Status Report for the week ending October 08, 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. The Drought Billboards are scheduled to be removed on October 15, 2009, rolling back time use restriction on outside watering.

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 completed the in-field house by house review to the first 200 service connections. This review is 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 Soto Heights to downtown Felton. The first surveys were time consuming due to complex Commercial/Residential/Multiple Residential parcels.

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.

WATER METER REPLACEMENT FELTON WATER SYSTEM


During the reporting period staff started a water meter change-out in the Felton Water System. Parts of Felton Water were found to have water meters over 25 years old and several non-operating meters were discovered. Staff is upgrading the meters to match the North Water System. It is estimated that there is 200 +/- meters in the area.

SWIM TANK MAINTENANCE

Staff replaced the redwood access hatch on Swim Tank No. 2. The hatch experience dry rot and required replacement.

BEAR CREEK ROAD FIRE HYDRANT

During the reporting period a fire hydrant was struck by a hit-and-run driver on Bear Creek Road. Staff responded and shut off the broken hydrant. The hydrant has been replaced and is back in service.

 4/Rick Rogers
Rick Rogers
Director of Operations