

M E M O

TO: District Manager

FROM: Director of Operations

SUBJECT: OPERATIONS DEPARTMENT PROJECT STATUS REPORT
WEEK ENDING JULY 31, 2009

DATE: July 31, 2009

RECOMMENDATION:

It is recommended that the District Manager review and file the Operations Department Project Status Report for the week ending July 31, 2009.

BACKGROUND:

DROUGHT CONTINGENCY PLAN

The District is continuing with a water conservation program requesting customer 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.

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 is scheduled to be at the District the week of August 3, 2009 to start up the equipment and interface the new equipment with existing SCADA equipment.

KIRBY STREET WATER TREATMENT FACILITY SECURITY

During the reporting period staff continued with the installation of a closed circuit television system at the Kirby Street Water Treatment Facility. The system provides for security for the entire facility including digital video recording.

OLYMPIA WELL 3 FAILURE

In early July 2009 the District's Olympia Well 3 experience motor failure. The motor was removed and replaced. At this time it is unknown why the motor failed. The well is back in service and staff and the manufacture are investigating the cause of the motor failure. During the reporting period further investigation was perform on the cause of the motor failure.

Investigation found an imbalance of electrical power being supply by PG&E at the facility as the cause of the current electrical problems. PG&E was contacted and placed monitoring equipment at the facility. Incoming power was found to be imbalanced, however within allowance of PUC requirements. Further investigation found City of Santa Cruz Water Graham Hill Pumping Station and Roaring Camp Railroad were also experiencing similar electrical problem. PG&E has informed the District that no action will be taken as they are supplying power within PUC requirements.

METER RELOCATION OAK DRIVE

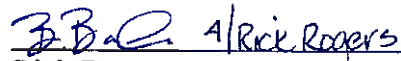
During the reporting period Staff relocated a water meter and lowered a water main line off Oak Drive in Felton. Neighbors are having property disputes and one of the neighbor's water service line crosses the other neighbors parcel causing problems. Staff relocated the water meter to the correct parcel, and the customer will be running a new service line to the meter.

FOREMAN DAM AND ACCESS ROAD

During the reporting period two medium size Tan Oak Trees fell on the Forman Creek Diversion causing damage to the roof structure and inlet screens. Staff removed down trees and performed repairs to the screens. In addition to the repairs staff performed maintenance to the access road and facility in general.

FELTON WATER SYSTEM ACCOUNT REVIEWS

Notices have been mailed to approximately 200 customers in the Felton Water System advising that the District is starting review of water service accounts. The house by house review is being performed 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 in which approximately 200 service connections are in each book with a total seven books. The first reviews will be performed the week of August 3, 2009 and staff is estimating a time frame of eight to twelve months for completion.

 4/Rick Rogers
Rick Rogers
Director of Operations