

## MEMO

TO: District Manager

FROM: Director of Operations

SUBJECT: OPERATIONS DEPARTMENT PROJECT STATUS REPORT  
WEEK ENDING MAY 15, 2009

DATE: May 15, 2009

### **RECOMMENDATION:**

It is recommended that the District Manager review and file the Operations Department Project Status Report for the week ending May 15, 2009.

### **BACKGROUND:**

#### DROUGHT CONTINGENCY PLAN

Rainfall collected at the Districts Operations Building total to date is 38.89 inches 85% of annual average rainfall. Rainfall totals this time last year was 37.60. Rainfall totals slightly exceeded last years totals, and it appears 2009 will be another dry year. The District is moving forward 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. Over the next week water conservation billboards will be placed throughout the entire water system. The program will be very similar to last year's conservation program with the District educating the top 10% residential water users with individual contact.

#### OLYMPIA WELL 2 AND PASATIEMPO WELL 6 LOSS OF PRODUCTION

Both Olympia Well 2 and Pasatiempo Well 6 lost water production and were taken out of service for repairs. The Olympia Well 2 pump and motor was removed and it was determined that the motor failed requiring replacement. The motor was last replaced November 2008 and is under warranty however warranty does not cover removal/replacement contractor work. Pasatiempo Well Six was removed and it was found that there was a hole in the pumping column allowing water recirculation in the well casing. A section of well column was replaced and the well is back in service. During the down period of the well supplemental water was purchased from Scotts Valley Water to ensure adquate water supply to customers. Water storage was maintained between 75 and 100 percent of full during the repairs.

#### MANANA WOODS SCADA

Staff is continuing with 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.

#### Leak Investigation Redwood Park

Staff returned to the Ben Lomond Redwood Park Distribution area for leak investigation. SCADA trending continues to show excessive water use in the District Redwood Park Water Pressure Zone. In addition to SCADA the District has received three low water pressure and intermittent out of water complaints by customers in this area. Leak investigation/detection found a 20 gallon per minute leak in the pressure zone. Although one leak has been repaired trending and customer complaints still indicates another leak(s) in the zone. Staff is continuing with leak investigation, installing main line valves, and taking main line pressures trying to isolate the area and perform repairs.

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Rick Rogers  
Director of Operations