

MEMO

TO: District Manager

FROM: Director of Operations

SUBJECT: OPERATIONS DEPARTMENT PROJECT STATUS REPORT
WEEK ENDING JANUARY 9, 2009

DATE: January 9, 2009

RECOMMENDATION:

It is recommended that the District Manager review and file the Operations Department Project Status Report for the week ending January 09, 2009.

BACKGROUND:

Drought Contingency Plan

Drought flyers providing water conservation information are being mailed in the third water billing cycle to customers. District staff removed the drought billboards and will be lowering the contingency plan to Phase 1 until more normal rainfall is experienced. Rainfall collected at the Districts Operations Building total to date is 13.46 inches. Rainfall totals this time last year was 8.21 inches, although rainfall totals are ahead of last year it is still way too soon to predict if this year will be another drought rainfall year.

Felton Water System Operations Water Meter Reading

Meter reading in the Felton Water System started November 17, 2008 and all meters have been read. For the most part the meter reading went as planned although several software problems were experienced and corrected. Water billing has been mailed to customers the week of December 1, 2008. In reviewing consumption water sales totaled \$88,805.42 and the basic service charge totaled \$53,638.04 for a combined grand total of \$142,443.04 for the first billing period.

Water Loss & Leak Detection Seminar - Continuing Education

During the reporting period four staff members attended a Water Audits and Water Conservation seminar provided by the Rural Community Assistance Corporation in Santa Cruz. The seminar provides information on water leak detection and water conversation. Each staff member received six training/contact hours for attendance.

Olympia Well 2 Motor Replacement

During the reporting period the District Olympia Well 2 experienced motor failure.

The motor and pump have been removed and a contractor is in the process of replacing the submersible motor. It is anticipated the well will be back in operation by the end of January.

Five Mile Pipeline Maintenance

Staff performed maintenance on the Five Mile Pipeline in the area between Sweetwater Intake and Clear Creek. A section of the eight-inch transmission main kinked restricting flow. Staff straitened the main with come-a-longs and re-staked the pipe removing the kinks.

Watershed Access Road Maintenance

During the reporting period an outside erosion control contractor and District staff performed maintenance to the District's Watershed access Roads. Each year maintenance is performed to the roads repairing water bars and drainage to protect the roads and reduce erosion. This year Felton watershed access roads were included in the maintenance.

Manana Woods SCADA Control

SCADA equipment for the Manana Woods Treatment Plant and field facilities was received and is now ready for installation. Each facility required individual equipment and programming to be added to the District's main SCADA central control. The equipment was procured approximately nine months ago. Installation will begin the beginning of February and will take approximately three months for completion.

Lyon Tank Broom Removal

During the reporting period staff spent three days removing broom at the District's Lyon Water Treatment Plant and Storage facility. Each year staff continues on removing the invasive plant at this facility and it is estimated that approximately 80% of the broom have been removed.

Sampling Station 120 Woodview Drive

Staff started the installation a water sampling station at 120 Woodview Drive in Ben Lomond. These stations provide for a dedicated clean sanitary location for taking water quality samples out in the distribution system. To date there is approximately 45 sampling stations located throughout the distribution system.

Main Replacement Love Creek Road

The District has been working on a low water pressure complaint from the last water service along Love Creek Road in Ben Lomond. Potholing has been completing in many locations to verify water main size. Investigation found 150 lineal feet of 1" main is restricting water flow to this customer. District Staff will be replacing the 1" piping with 2" water line to increase water supply to the customer. This work, weather permitting should be completed by the end of February 2009.

Rick Rogers
Director of Operations