

MEMO

TO: District Manager

FROM: Director of Operations

SUBJECT: OPERATIONS DEPARTMENT PROJECT STATUS REPORT
WEEK ENDING APRIL 10, 2009

DATE: April 10, 2009

RECOMMENDATION:

It is recommended that the District Manager review and file the Operations Department Project Status Report for the week ending April 10, 2009.

BACKGROUND:

DROUGHT CONTINGENCY PLAN

Rainfall collected at the Districts Operations Building total to date is 38.89 inches. Rainfall totals this time last year is not available. Rainfall totals are approaching 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. The program will be very similar to last year's program with the District targeting the top 500 residential water users.

Olympia Well 2 & 3 Electrical Panel Upgrades

During the reporting period staff completed the upgrading/replacement for the electrical panels for Olympia Wells 2 & 3. Both panels have been replaced and the PG&E transformer replacement has been completed. The wells were off line for approximately two weeks as this was a major electrical upgrade. The main panel at Olympia Well 2 was damaged by an electrical fire and surge. In addition the panels were designed with soft starters and surge protection.

Main Line Flushing Manana Woods

Flushing was completed in the District's Manana Woods service area during the reporting period. Flushing is performed annually in selected parts of the distribution system to remove iron deposits and sediment from main lines. This completes the 2009 annual flushing program.

Hydrant Marion Ave Ben Lomond

During the reporting period the paper boy while delivering papers struck a fire hydrant along Marion Avenue in the early morning. Damage to the hydrant was significant, including damage to the main line at the "T" connection. Repairs are completed and the hydrant is back in service. The District will move forward with reimbursement for damages.

Fire Hydrant Spreading Oaks Replacement

During main line flushing it was discovered that a fire hydrant along Spreading Oaks Drive was non operative. Staff replaced the hydrant. Fire hydrant inspections are the responsibility of the Fire District to ensure operations and are check annually by the Fire District.

Intake Cleans

Heavy winds were experienced in the San Lorenzo Valley. With wind comes leaves and debris restricting flow through intake screens. Staff cleaned and inspected all intakes during the reporting period.

Leak Investigation Redwood Park

SCADA trending has showed excessive water use in the District Redwood Park Water Pressure Zone. Leak investigation/detection found a 20 gallon per minute leak in the pressure zone. Although the leak has been repaired trending still indicates another leak in the zone. Staff is continuing with leak investigation.

Ralston Tank

During the reporting period staff completed several outstanding punch list items on the Ralston Tank replacement/relocation project. Outstanding items still include a long lead Pac-Bell circuit installation for SCADA control and relocation of the old water tank to Scotts Valley. The old tank, which in excellent condition, will be relocated to Upper Blueberry Drive as part of the Manana Woods water system upgrade to provide water storage to three homes.

Manana Woods SCADA

SCADA equipment is being installed at the Manana Woods Water Treatment Facility in Scotts Valley. This equipment will give full treatment process 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.

Fire Alarm Operations

During the reporting period the cloth dryers in the Operation Building rain gear drying area, malfunction heating the room to potential fire starting temperatures. Fire sensor in the room was trigger activating the fire alarm. Boulder Creek Fire responded and the heaters were disconnected with no fire damage to the building.

Rick Rogers
Director of Operations