

MEMO

TO: District Manager

FROM: District Engineer

SUBJECT: ENGINEERING DEPARTMENT STATUS REPORT

DATE: September 30, 2005

RECOMMENDATION:

It is recommended that the Board of Directors review and file the Engineering Department status report for the week ending September 30, 2005.

BACKGROUND:

Urban Water Management Plan

Engineering is working with AMBAG to obtain population projections for five-year increments from 2005 to 2030. AMBAG has defined the boundaries for the population projections for the District boundary, Manana Woods, and Felton. The District will add another boundary that shows the approximate practical limits of the distribution system and have AMBAG determine population projections for the smaller area.

Pasotiempo Wells

Engineering has prepared a spreadsheet to show the effect of blending the groundwater from Pasotiempo Wells #6 and #7. Engineering will update the spreadsheet with additional data from Operations. Operations will use the spreadsheet to discuss blending with the California Department of Health Services.

Administration Building and Bear Creek Underground Tank Removal

The District has hired a consultant to coordinate final closure of the two sites with the Regional Water Quality Control Board and the County of Santa Cruz. No leaks were found on either tanks or piping systems. However, a small amount of MTBE was found in the groundwater at the Bear Creek Pump Station and a small amount of soil contamination was found beneath the gasoline storage tank at the Administration Building. The amount of contamination found seems to indicate incidental contamination of the sites which is probably unrelated to any potential leaks of either the tanks or the piping system. Staff and the District's consultant will determine the final measures needed to close both sites.

CalTrans Mainline Relocation

Construction commenced on September 19, 2005 and substantially finished on September 30, 2005. The construction of the project went well some minor changes. The project should be completely finished within a week or two, assuming CALTRANS is satisfied with their final inspection.

Zayante School Road Easements

The proposed easement is surveyed and field staked. Engineering prepared a monetary offer for a 10 foot wide easement. Big Trees Railroad is reviewing the offer and has sent the offer to their attorney for review.

Felton Heights Mutual Water Company

No activity during this time period.

Manana Woods Service Area Map

Engineering is preparing the survey description for a map that will be used in the LAFCO annexation of Manana Woods.

Bear Creek Wastewater As-Builds

No activity during this time period.

Certificates of Participation Projects:

Downtown Boulder Creek Distribution System

Engineering has modeled several different demand scenarios using a 12", 14", and 16" mainline from Big Steel to the Fire House Booster Station. Staff will discuss the results of the modeling to determine the size and route of the proposed mainline improvements.

KG/kas

Kenneth Girouard
District Engineer