

## MEMO

TO: District Manager

FROM: District Engineer

SUBJECT: ENGINEERING DEPARTMENT STATUS REPORT

DATE: October 14, 2005

### **RECOMMENDATION:**

It is recommended that the Board of Directors review and file the Engineering Department status report for the week ending October 14, 2005.

### **BACKGROUND:**

#### *Urban Water Management Plan*

Engineering is working with AMBAG and has obtained population projections for five-year increments from 2005 to 2030 which include the areas of 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 has updated the spreadsheet with additional data from Operations. Operations is using the spreadsheet to discuss blending with the California Department of Health Services.

#### *Administration Building and Bear Creek Underground Tank Removal*

No Activity during this time period.

#### *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. Engineering is waiting for final change orders and certified payroll from the contractor.

#### *Zayante School Road Easements*

Big Trees Railroad is reviewing the offer and has sent the offer to their attorney for review. Engineering met with staff from Big Trees to show certain physical features to the staff and provided the Big Trees staff with additional mapping.

*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. Engineering obtained additional maps and deeds for certain areas which are not shown as subdivision maps.

*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.

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Kenneth Girouard  
District Engineer