

MEMO

TO: District Manager

FROM: District Engineer

SUBJECT: ENGINEERING DEPARTMENT STATUS REPORT

DATE: March 31, 2006

RECOMMENDATION:

It is recommended that the Board of Directors review and file the Engineering Department status report for the week ending March 31, 2006.

BACKGROUND:

Intake As-builds

Engineering is calculating the theoretical capacity for each intake. Capacities for the three Clear Creek intakes and the Sweetwater intake have been determined. Engineering will field visit the Peavine and Silver Creek Diversions to establish their as built condition and then calculate their theoretical capacity. A summary of each intake's capacity will then be sent to Nick Johnson for inclusion in his upcoming report.

Little Steel Paint Analysis

Engineering has sent the paint chip samples into Soil Control lab to test the samples. Engineering has received results from the lab and is analyzing the results.

Zayante School Road Easements

Construction has been completed. A check is being sent to Big Trees Railroad to pay for the easement.

Manana Woods Service Area Map

Engineering has submitted the survey description for a map of the distribution system to LAFCO for the annexation of the Manana Woods. Engineering has submitted a second map showing the well and treatment plant that will be used in the LAFCO annexation. Engineering has submitted the written survey description for both maps to LAFCO for approval. Engineering has located existing improvements along Whispering Pines Drive and Lundy Lane, and is drawing improvement drawing for the proposed route for the intertie between SLVWD and Manana Woods. Engineering and Operations will field visit the intersection of Whispering Pines and Lundy Lane to determine the best location for a proposed pressure reducing station.

Mobile Home Parks Fire Protection

Engineering has prepared an orthophoto map for Operations to discuss possible water system interties with the two mobile home parks in Scotts Valley. Engineering field visited the area to investigate and intertie between Manana Woods and the Mobile Home Park at the intersection of Lundy Lane and Whispering Pines Drive.

Urban Water Management Plan

Population projections are completed. Engineering is completing water consumption projections till the year 2030. Engineering is coordinating with Nick Johnson, the District's consultant to obtain supply projections.

Tipping Way

No activity during this time period.

100 Scale Update

No activity during this time period.

Timberwood Mainline Extension

Engineering field staked the tank site to assess different options for current tank expansion or other potential tank locations. The Operations Department is discussing the option of moving the existing tanks to a new, higher location with an adjacent land owner.

Certificates of Participation Projects:

Downtown Boulder Creek Distribution System

No activity during this time period.

Kenneth Girouard
District Engineer

KG/leb