

MEMO

TO: District Manager

FROM: District Engineer

SUBJECT: ENGINEERING DEPARTMENT STATUS REPORT

DATE: April 28, 2006

RECOMMENDATION:

It is recommended that the Board of Directors review and file the Engineering Department status report for the week ending April 28, 2006.

BACKGROUND:

Little Steel Paint Analysis

Engineering has given the Operations Department the results of the test, and suggested that the metal from the tank be recycled with a metal scrap dealer. The Operations Department is evaluating methods of taking the tank apart.

Manana Woods Service Area Map

Engineering has received comments back from the County Surveyor on the annexations maps and legal description for the annexation. Engineering is incorporating the comments into the map and description and will submit the modified map 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 field visited the intersection of Whispering Pines and Lundy Lane to determine the best location for a proposed pressure reducing station. Engineering has prepared plans for each of the approximately 116 meter installations. All departments met to discuss all aspects of relocating the meters, and other aspects of the project.

Urban Water Management Plan

Population projections are completed. Engineering has completed preliminary water consumption projections till the year 2030. Engineering is coordinating with Nick Johnson, the District's consultant to obtain supply projections. Engineering has scheduled a meeting with Administration and Operations to discuss long term water demand. Engineering is quantifying conservation measures and new water source options.

Tipping Way

The neighbors have obtained a verbal approval for an easement. Operations and Engineering field visit the site. Operations and Engineering agree that the proposed new route could be built. The neighbors will try to have a meeting with Administration and staff to discuss an agreement for the proposed improvements.

100 Scale Update

No activity during this time period.

Intake As-builds

No activity during this time period.

Timberwood Mainline Extension

Staff has decided move the existing tank to a new tank site. The new tank site is located on an adjacent parcel and will give the District the ability to construct a 120,000 gallon tank in the future. Engineering has field staked the proposed new tank site, and has prepared preliminary grading plans for a tank site and an access road to the tank site. Staff will discuss the proposed plans. Engineering has also obtained deeds of two properties where easements will be needed. Engineering has begun discussions with geotechnical firms to evaluate the site for a future 120,000 gallon tank.

Certificates of Participation Projects:

North/South Intertie

Engineering obtained plans of the bridge on Graham Hill Road crossing Zayante Creek and is having the plans scanned into an electronic format compatible with AUTOCAD. Engineering received plans of the City of Santa Cruz's pump station located at the intersection of Graham Hill Road and Zayante Road. Engineering will send out plans of the proposed route to other utilities to locate their utilities along the proposed route.

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Kenneth Girouard
District Engineer

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