

MEMO

TO: District Manager

FROM: District Engineer

SUBJECT: ENGINEERING DEPARTMENT STATUS REPORT

DATE: October 27, 2006

RECOMMENDATION:

It is recommended that the Board of Directors review and file the Engineering Department status report for the week ending October 27, 2006.

BACKGROUND:

9445 E Zayante, Chapman Fire Hydrant Agreement

The agreement for a fire hydrant installation at 9445 E. Zayante Road has been signed. Engineering is obtaining the contractor's liability insurance and workman's compensation insurance. Engineering has approved the contractor's submittals for parts to install the fire hydrant.

Nina Tank Replacement

The proposed site is being cleared of vegetation. A detailed topographic and property survey is being prepared. Engineering has field visited the site with Chris George the geotechnical engineer from Haro and Kasunich. The site seems to be composed of a mudstone rock formation and appears to be all cut with the exception of a small section of the southeastern corner which seems to contain a small amount of fill. It would also appear the front access road, which was cut into the formation should have a wall placed on the cut slope to stabilize the cut slope from future degradation. The drill rig is scheduled to take borings on the site, and further information will be available. Overall, the site seems very good for a tank site, based upon a surface evaluation, but borings are being taken to verify the initial site visit.

Manana Woods Service Area

Engineering is preparing deeds whereby Manana Woods grants property and easement to the District. Engineering is also preparing easements where Manana Woods will quitclaim unnecessary easements back to the property owners. Engineering continues working with Operations to investigating a pipeline route to connect the Upper Pasatiempo Tank to the Charlie Tank of the Manana Woods area via Blueberry Drive and along La Cuesta Drive. Engineering is working with Operations to install a small tank above 3 of the highest houses to replace an existing cluster of pump stations. The proposed small tank easement has been surveyed.

100 Scale Maps

Engineering is continuing work on updating the 100 scale maps of the District's distribution system.

Timberwood Mainline Extension

Sundram and Administration are discussing the proposed easements. The Hibbards have signed an easement and returned the signed easement to the District. The geotechnical engineering firm of Haro & Kasunich has performed the field work for the soils report. Engineering is awaiting the final soils report from Haro & Kasunich. All field surveying has been completed. Final design of the project will depend upon the final soils report, and successful conclusion of the discussion between Sundram and the District regarding easements.

Urban Water Management Plan

Engineering has prepared future consumption projections for Administration to review. Engineering is preparing water conservation measure projects for the report.

CALTRANS Valve Raising

No activity during this time period.

Certificates of Participation Projects:

North/South Intertie

Engineering is preparing base maps showing the proposed water line routes and is obtaining existing utility location information from PG&E and other utilities.

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Kenneth Girouard
District Engineer