



Item No. \_\_\_\_\_

## CITY OF LOMITA CITY COUNCIL REPORT

To: City Council

Date: June 6, 2005

From: Tracy Bonano, Management Analyst

Subject: Water Reservoir and Treatment Plant Capital Improvement Project Report #37

### RECOMMENDATION

Receive and file.

### BACKGROUND

The last Cypress Street Reservoir Project Meeting, #36, was held on April 21, 2005. Time passed and activities commenced since that meeting is contained in this Progress Report #37. Accordingly, the date of Progress Meeting #38 is yet to be determined.

A few of the main issues included in this report are the revised design of the reservoir (proposal approved at the May 2, 2005 City Council Meeting), the second phase of the Structural Seismic Risk Assessment (proposal approved at the May 16, 2005 City Council Meeting) and the project site electrical status.

### ANALYSIS

Since the revised design approval on May 2, 2005, Tetra Tech has obtained the title report, a site survey and topographic maps for the area and is evaluating the information to determine the exact property boundaries for the project. Concurrently, a survey crew has been hired to confirm the elevation and topographic site information. Shortly thereafter, possibly by June 7<sup>th</sup> or 8<sup>th</sup>, a property exchange proposal may be ready for City Staff consideration.

In regards to the Structural Seismic Risk Assessment, URS will modify its original design criteria to accommodate the now circular shape of the reservoir. In addition, and once available, URS will review Tetra Tech's structural design calculations and drawings to verify that the configuration of the reservoir, relative to applicable design codes and agreed upon seismic criteria, is sufficient.

Finally, Tetra Tech began research on options for running, and in some cases relocating, the electrical system at the project site. Working with what exists would be preferable, but some modifications may be necessary to provide optimum performance for the reservoir and its pumping facility.

**ALTERNATIVES**

None. Information only. Receive and file.

**FISCAL IMPACT**

None. Information only. Receive and file.

Recommended by:

Approved by

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Tracy Bonano  
MANAGEMENT ANALYST

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Tom A. Odom  
CITY ADMINISTRATOR