



Item No. _____

CITY OF LOMITA CITY COUNCIL REPORT

To: City Council

Date: November 3, 2003

From: Tracy Bonano - Management Analyst

Subject: WATER RESERVOIR AND TREATMENT PLANT
CAPITAL IMPROVEMENT PROJECT UPDATE REPORT #18

RECOMMENDATION

Receive and file.

BACKGROUND

The water reservoir and treatment plant project team held Progress Meeting #18 on October 16, 2003. Present at the meeting were Gary Roepke, Project Manager - Willdan, Mike Cope, Project Director – Chandler, Tom Odom, City Administrator and Tracy Bonano, Management Analyst – City of Lomita. The date of PM #19 is to be determined.

ANALYSIS

This staff report is based on discussions held during PM #18. Subjects covered include project update and possible re-design of the reservoir.

During PM #17, the possibility of changing the current design of the reservoir was discussed. Consequently, Chandler Project Director Cope proposed that the City consider a small exchange of land and rotating the rectangular reservoir length-wise east/west as opposed to the current north/south design. By doing so, Cope explained, the City can maintain its water storage and earthquake criteria requirements and the on-going Chandler redevelopment project (golf course) could shape the drop-off at the north end of the reservoir property into something more aesthetically pleasing for the surrounding community.

Upon hearing this new proposition, City Project Consultant Roepke (Willdan), introduced the possibility of re-designing the reservoir into a square (approximately 150' X 150') while holding the existing westerly line constant. Roepke had previously discussed this alternative with the project Risk Assessment Consultant (URS) and URS agreed that a square shape would be the "optimum" when considering how the reservoir will react to a maximum credible earthquake. Furthermore, it was established by meeting members, that both redesign ideas seriously consider vital factors such as elevation and water pressure issues along with the water treatment plant and well operation that makes the reservoir project an essential component of the City's water system as a whole.

Ultimately, Staff agreed that consideration be given to both scenarios, and some time in the near future, Staff and Project Director Cope will return with supporting information for each alternative.

ALTERNATIVES

None. Information only. Receive and file.

FISCAL IMPACT

None. Information only. Receive and file.

Recommended by:

Approved by:

Tracy Bonano
MANAGEMENT ANALYST

Tom A. Odom
CITY ADMINISTRATOR