

TO: James L. App, City Manager
FROM: Joseph M. Deakin, Public Works Director
SUBJECT: Southwest Reservoir Design
DATE: December 3, 2002

NEEDS: For the City Council to approve the design concept for the Southwest Reservoir.

FACTS:

1. In 1995, the City Council reviewed and approved the most recent amendment to the City Water Master Plan. The Water Master Plan describes adding a reservoir (0.7 million gallons), the Southwest Reservoir, to serve the water pressure needs to 'Area F'.
2. Area 'F', the southwest corner of the City, is generally bounded by First Street (extended west) to the north, Vine Street/Theatre Drive to the east, and to the west and south by the City sphere-of-influence boundary.
3. The City Council engaged Boyle Engineering in 2001 to site the Southwest Reservoir. In July 2001, Boyle Engineering presented several options for reservoir site location. The City Council directed staff to proceed with a design for the reservoir west of Highway 101 and north of Highway 46 West.
4. On September 17, 2002, City Council approved revising the reservoir design to an elevation of 870 feet above sea level, and directed staff to begin negotiations to acquire property needed to construct the reservoir.

**ANALYSIS
AND**

CONCLUSION: At the September 17, 2002 meeting, comments from the public expressing concern at the impact to the viewshed of the surrounding property owners with a water tank at this lower elevation. To address this concern, staff is proposing that a buried concrete water tank be installed. In order to better show the buried tank concept, staff will present visual aids at the Council meeting.

POLICY

REFERENCE: 1995 El Paso de Robles Water Master Plan

FISCAL

IMPACT: Costs of the buried tank is expected to be within the current budget adopted for this project.

OPTIONS:

- a. Direct staff to add the element of a buried water tank to the approved design concept.
- b. Amend, modify or reject the above option.