

TO: James L. App, City Manager
FROM: Brad Hagemann, Water Resources Manager
SUBJECT: Emergency Bank Stabilization Project for the Thunderbird Well Field
DATE: April 19, 2005

NEEDS: For the City Council to authorize payment for emergency bank stabilization work at the Thunderbird well field.

- FACTS:**
1. The rain storms in early January caused the Salinas River to quickly rise and significantly erode the river bank east of the Thunderbird well field. During the peak of the storm, the bank erosion rate was approximately one foot per hour.
 2. An area approximately 800' foot long by 50' wide by 20' deep (equal to approximately 30,000 cubic yards of soil) was lost. Based on the saturated ground conditions and the forecast for additional rain, quick action was needed to stop further erosion and avoid losing one or more of the Thunderbird wells. The erosion warranted the immediate shut down of well #10.
 3. Prior to beginning the bank stabilization work, staff conferred with regulatory agencies, including the California Dept of Fish and Game.
 4. The scope of the bank stabilization work exceeded City capabilities. Due to the emergency situation, the services of a local contractor were retained. Work was initiated on January 10 and continued through January 14.

**ANALYSIS
AND**

CONCLUSION: The bank stabilization work was required as an emergency measure to maintain the integrity of the Thunderbird well field.

POLICY

REFERENCE: Purchasing and Payment Procedures Manual.

FISCAL

IMPACT: The water operations operating budget does not have sufficient capacity to absorb this unexpected expense. An additional budget appropriation is required to cover the expense.

Assuming worst case scenario that all budgeted appropriations are expended and that recently updated revenue projections are collected, the following results for Water Operations are projected:

Revenues	\$3,437,900
Expenses	(3,299,500)
Estimated Results	138,400
This budget request	(129,500)
Adjusted Results	<u>\$ 8,900</u>

- OPTIONS:**
- a.** Adopt Resolution No. 05-xx approving a one-time budget appropriation in the amount of \$129,500 from Water Operations Fund reserves to Budget Account No. 600-310-5235-165.
 - b.** Amend, modify, or reject the above option.

Attachments (1)

- 1) Resolution authorizing payment of \$129,439.61 to Dave Spurr Excavating, Inc.

RESOLUTION NO. 05-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASO ROBLES
AUTHORIZING PAYMENT FOR EMERGENCY BANK STABILIZATION
WORK AT THE THUNDERBIRD WELL FIELD.

WHEREAS, on January 9 through January 12, 2005, heavy rainfall caused the Salinas River to quickly rise and cause severe erosion to the River bank east of the Thunderbird well field; and

WHEREAS, in accordance to the City's adopted Purchasing Policy, bank stabilization work needed to be accomplished as quickly as possible in order to minimize the impacts to the well field; and

WHEREAS, the City obtained the services of a local contractor to assist City staff place rock armoring along the river bank.

NOW THEREFORE, BE IT RESOLVED AS FOLLOWS:

SECTION 1. That the City Council of the City of El Paso de Robles does hereby accept staff's recommendation authorizing payment to Dave Spurr Excavating for the emergency repairs in the amount of \$129,439.61

PASSED AND ADOPTED by the City Council of the City of Paso Robles this 19th day of April, 2005 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Frank R. Mecham, Mayor

ATTEST:

Sharilyn M. Ryan, Deputy City Clerk