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# CITY OF SACRAMENTO

## DEPARTMENT OF PUBLIC WORKS

SOLID WASTE DIVISION

July 8, 1986

JOHN F. BOSS  
Solid Waste Division Manager

Budget & Finance Committee  
Sacramento, California

Honorable Members in Session:

SUBJECT: BUDGET AMENDMENTS FOR SOLID WASTE DIVISION SANITARY LANDFILL

### SUMMARY

This report provides information relating to the Solid Waste Division sanitary landfill which sustained considerable damage as a result of the February flooding. This report recommends an augmentation to the FY 1986-87 Solid Waste Division's Budget.

### BACKGROUND INFORMATION

The City's landfill expansion site at 28th and A Streets sustained considerable damage during the February flooding including:

1. Liner Rupture--the 18 inch-thick clay liner which underlies the site is ruptured at several spots along the American River levee. These rupture locations were evidenced by groundwater boils during the high river water levels which occurred during the week of February 17, 1986. The boil spots are now evidenced by small-diameter depressions in the liner and its 18-inch cover soil layer.
2. Liner Sloughing--the clay liner slipped (sloughed) down the sidewall of the site in two localized areas.
3. Sidewall Erosion--the wall of the site was heavily damaged at underdrain pumping station number 2 by water which flowed out of the site storm drainage pipeline when a temporary diversion of the underdrain discharge from this pipe to an adjacent sewer was attempted. There are also several minor erosion areas on the sidewall at various locations. Of these, the greatest concern is with those that are on the wall which lies along the American River levee.

It is necessary to define the extent and mechanisms of the liner rupture and liner sloughing problems and to determine the causes and significance of the sidewall erosion at the expansion site. Brown and Caldwell, engineering consultants, have provided an estimate of \$18,000 for the investigation phase and \$25,000 for the design of the repair for a total of \$43,000.

FINANCIAL DATA

Approximately 80% of the \$43,000 site investigation and design estimate (\$34,400) should be recovered from Federal and State reimbursement of flood damage costs. The remainder, \$8,600, is not recoverable and must be borne by the City. The construction costs for the repair are undetermined at this point, but it is anticipated that at least some portion of the work will be performed by City staff. The investigation and design phases for repairing the sanitary landfill require the following:

1. Increasing appropriations to the FY 1986-87 Solid Waste Fund by \$34,400;
2. Transferring \$8,600 from the contingency fund to the Solid Waste Fund.

Pending Federal and State approval, \$34,400 from the State/FEMA will offset the costs of this project.

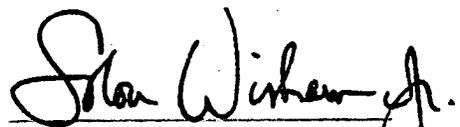
RECOMMENDATION

It is recommended that the Budget and Finance Committee approve this report for referral to the full City Council for action. Further, it is recommended that the City Council adopt the resolution to increase appropriations by \$34,400 and transfer appropriations of \$8,600 from the contingency fund.

Respectfully submitted,

  
John Boss  
Solid Waste Division Manager

Recommendation Approved:

  
Solon Wisham, Jr.  
Assistant City Manager

Approved:

  
Melvin H. Johnson  
Director, Public Works

JFB:tc

July 8, 1986  
All Districts

To Council  
July 15, 1986  
All Districts

# RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL ON DATE OF

## A RESOLUTION AMENDING THE CITY BUDGET FOR THE REDESIGN AND INVESTIGATION PHASES OF REPAIR TO THE CITY'S SANITARY LANDFILL

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO:

1. The City has determined that damage to the City's sanitary landfill be investigated and the repair be designed.
2. The City budget for Fiscal Year 1986-87 is hereby amended:
  - a. By increasing revenue by \$34,400 (4-15-310-3147-0000-3513) thus increasing contingency reserves to account for the federal government reimbursement.
  - b. By increasing appropriations to the Solid Waste Budget by the \$34,400 to expend the federal government reimbursement (4-15-310-3147-0000-4252).
  - c. By transferring \$8,600 from contingency (4-15-710-7012-4999) to the Solid Waste operating budget (4-15-310-3147-0000-4552) to cover the City's share of the costs.

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MAYOR

ATTEST:

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CITY CLERK