



6

CITY OF SACRAMENTO

DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER AND
SEWERS

LARRY L. COMARSH
DIVISION MANAGER

March 7, 1985

Budget and Finance
Committee
Sacramento, California

Honorable Members in Session:

SUBJECT: Resolution Amending 1984/85 Capital Improvement Budget for a Study on the Expansion of the Sacramento River and American River Water Treatment Plants

SUMMARY

Attached is a resolution amending the 1984/85 Capital Improvement Budget by adding a project for the study of the expansion of the Sacramento River and American River Water Treatment Plants.

BACKGROUND

The combined treatment capacity of the Sacramento River and American River Water Treatment Plants is currently about 175 million gallons per day (MGD). Our current requirement on days of peak use is about 150 MGD. Our capital improvement program will extend surface water into the area generally north of the American River and east of the Natomas East Main Drainage Canal within the next four years. This area will require approximately 15 MGD additional surface water capacity. Continued growth in other areas is expected to increase demands a further 10 MGD. These combined requirements will equal current treatment capacity by 1990.

The recent report, "Sacramento Area Water Resources Management Plan" by the consulting firm of Metcalf and Eddy, January 1985, discussed the possibility of supplying treated surface water to the Sacramento County Water Agency and/or the Arcade Water District. If the City enters into any program to provide treated water to either agency, demands on City treatment facilities will increase significantly. Therefore, it could be desirable to expand both the American River and Sacramento River Plants. Since expansion of an existing facility is unquestionably less costly than a new facility, staff feels that expansion of both plants could be feasible and cost-effective.

Water treatment technology has continued to advance since both plants were built, and it is probable that a great deal in capital costs can be saved by having a qualified water treatment plant consultant investigate both plants to determine the optimum size and method of expanding treatment capacity. During this investigation, pilot scale testing during peak summer use periods will provide criteria to be incorporated into final design. In order to conduct investigation during the coming summer, staff proposes that a consultant be selected by April, 1985.

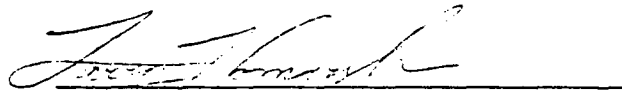
FINANCIAL

It is estimated that the cost of an investigation and report will be \$150,000 for both plants, including staff time. This amount can be budgeted by transferring funds from two existing Water Fund Capital Improvement Projects.

RECOMMENDATION

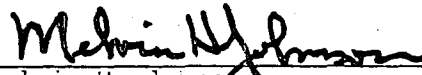
It is recommended the committee approve the attached resolution and forward it to council for adoption.

Respectfully submitted,



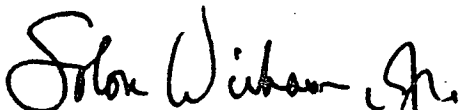
Larry E. Comarsh
Water & Sewer Division Manager

Approved:



Melvin H. Johnson
Director of Public Works

Recommendation approved:



Solon Wisham, Jr.
Assistant City Manager

rg
attachment

RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL ON DATE OF

A RESOLUTION AMENDING THE CITY BUDGET FOR FY 1984/85
FOR INVESTIGATION ON EXPANSION OF WATER TREATMENT PLANTS

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

1. That the Capital Improvement Budget for FY 1984/85 is hereby amended by transferring \$40,000 from Cost Center No. 1533, American River Plant Expansion and \$110,000 from Cost Center No. 1501, Sacramento River Treatment Plant Expansion, to Water Production 4-13-3152-1586-4820.

MAYOR

ATTEST:

CITY CLERK