

**APPROVED**  
BY THE CITY COUNCIL

**JAN 20 1998**

OFFICE OF THE  
CITY CLERK



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DEPARTMENT OF  
UTILITIES  
  
ENGINEERING SERVICES

CITY OF SACRAMENTO  
CALIFORNIA

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December 19, 1997

City Council  
Sacramento, California

Honorable Members in Session:

**SUBJECT: AUTHORIZATION FOR PARTICIPATION IN YEAR SIX OF THE COORDINATED MONITORING PROGRAM FOR AN AMOUNT NOT TO EXCEED \$104,500 (PN: WC66)**

**LOCATION AND COUNCIL DISTRICT: City-wide**

**RECOMMENDATION:**

Staff recommends that the City Council approve the attached resolution authorizing sharing of costs with the Sacramento Regional County Sanitation District (SRCSD) and the Sacramento County Water Agency (SCWA) for implementation of year six of the Coordinated Monitoring Program.

**CONTACT PERSON:** Larry Nash, Senior Engineer, 433-4015  
Gary Reents, Engineering Services Manager, 433-6633

**FOR COUNCIL MEETING OF:** January 20, 1998

**SUMMARY**

This report requests that City Council authorize participation in year six of the Coordinated Monitoring Program (CMP). Year six of the CMP includes monthly monitoring on the Sacramento and American Rivers, data evaluations, regulatory updates, and public outreach activities. The total program budget for year six is \$418,000 with an apportioned cost to the City of twenty-five percent (25%), or \$104,500.

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## **COMMITTEE/COMMISSION ACTION**

None.

## **BACKGROUND INFORMATION**

The CMP was created in 1991 by the SRCSD, City of Sacramento, and SCWA for the purpose of standardizing and coordinating water quality monitoring activities on the Sacramento and American Rivers. On May 3, 1994, the City Council adopted Resolution No.94-245 authorizing execution of a Memorandum of Understanding (Agreement No. 94-064) for the City's continuing participation in the CMP.

Since its inception, the CMP has accomplished the following activities, which will continue in year six of the program:

- Completed five years of monthly monitoring on the Sacramento and American Rivers
- Optimized area-wide monitoring costs by providing water quality data used by regulatory water quality programs
- Developed a water quality database
- Provided regulatory updates
- Performed public outreach activities
- Hosted the annual State of the Watershed Conference
- Evaluated water quality data

Evaluation of water quality data by the CMP has provided the following trends:

- The magnitude of Sacramento River flows has a substantial influence on water quality. However, flow volumes appear to have a negligible effect on water quality in the lower American River.
- In the Sacramento River, concentrations of arsenic and nickel decrease from Veterans Bridge to Freeport. These decreases may be attributed to dilution from the American River.
- In the American River, concentrations of suspended solids, copper, lead and mercury increase marginally between Nimbus and Discovery Park.
- For both rivers, water quality criteria have been exceeded for lead and mercury levels.

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Participation in the CMP by the City of Sacramento is important because this program provides river monitoring, which helps fulfill the regulatory requirements of the National Pollution Discharge Elimination System (NPDES) permit for the Sacramento Stormwater Management Program. The CMP also provides coordination between City water quality monitoring activities and other monitoring programs in the area.

### **ENVIRONMENTAL DETERMINATION**

This program is part of on-going water quality studies. There will be no environmental impacts associated with collection and analysis of water quality samples. The appropriate level of environmental review under the California Environmental Quality Act will be conducted for any projects resulting from these studies.

### **FINANCIAL CONSIDERATIONS**

The total year six budget for the CMP is \$418,000. This budget includes SRCSD staff costs of \$107,000 and Consultant Services Agreements with Larry Walker Associates, Inc., for \$199,000 and Frontier Geoscience, Inc., for \$112,000. The City's share is 25%, or \$104,500. Funding of the City's portion is available in the Storm Drainage Fund Capital Improvement Program (425-500-WC66-4802), which, as of December 23, 1997, has an unobligated balance of \$229,671.

### **POLICY CONSIDERATIONS**

The CMP facilitates coordination of City water quality monitoring activities, such as the monitoring programs required by the NPDES permits for the Stormwater Management Program and the Combined Sewer System, with other monitoring programs in the region. The CMP is developing a database of water quality information needed to assess the water quality of the Sacramento and American Rivers. This information is essential for developing strategies for compliance with federally mandated programs and addressing other water quality issues effecting the Sacramento region.

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**MBE/WBE**

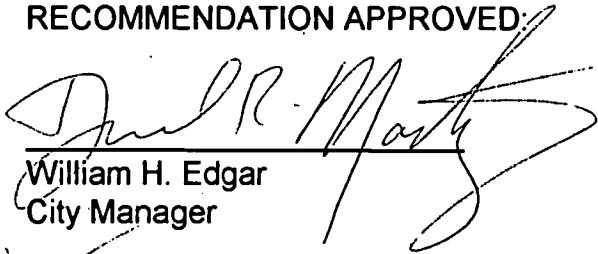
The consultant and laboratory services for the CMP were selected through the County of Sacramento. Larry Walker Associates, Inc., and Frontier Geosciences, Inc., are not MBE/WBE firms.

Respectfully submitted,



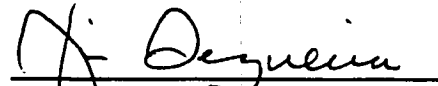
\_\_\_\_\_  
Gary A. Reents  
Engineering Services Manager

RECOMMENDATION APPROVED:



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William H. Edgar  
City Manager

APPROVED:



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James G. Sequeira  
Director of Utilities

**APPROVED**  
BY THE CITY COUNCIL

**JAN 20 1998**

OFFICE OF THE  
CITY CLERK

**RESOLUTION NO. 98-016**

**ADOPTED BY THE SACRAMENTO CITY COUNCIL**

**ON DATE OF \_\_\_\_\_**

**RESOLUTION AUTHORIZING PARTICIPATION IN YEAR SIX OF THE  
COORDINATED MONITORING PROGRAM WITH THE SACRAMENTO  
REGIONAL COUNTY SANITATION DISTRICT AND THE SACRAMENTO  
COUNTY WATER AGENCY (PN: WC66)**

**BE IT RESOLVED BY THE SACRAMENTO CITY COUNCIL THAT:**

In accordance with Memorandum of Understanding 94-064, the City agrees to reimburse the Sacramento Regional County Sanitation District for costs related to year six of the Coordinated Monitoring Program and consultant services with Larry Walker Associates, Inc., and Frontier Geosciences, Inc., for a cost to the City not to exceed \$104,500.

\_\_\_\_\_  
**MAYOR**

**ATTEST:**

\_\_\_\_\_  
**CITY CLERK**

**FOR CITY CLERK USE ONLY**

RESOLUTION NO.: \_\_\_\_\_  
DATE ADOPTED: \_\_\_\_\_