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Department of Utilities
Engineering Services Division

CITY OF SACRAMENTO
CALIFORNIA

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November 10, 1998

APPROVED
BY THE CITY COUNCIL

NOV 24 1998

City Council
Sacramento, California

OFFICE OF THE
CITY CLERK

Honorable Members in Session:

SUBJECT: APPROVAL OF COST SHARING FOR A CONSULTANT SERVICES AGREEMENT WITH THE COUNTY OF SACRAMENTO AND THE CITIES OF FOLSOM AND GALT FOR THE 1998/99 NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER MONITORING PROGRAM (PN: WC66)

LOCATION AND COUNCIL DISTRICT: City-wide (See attached map)

RECOMMENDATION:

Staff recommends that the City Council approve the attached resolution authorizing sharing of costs with the County of Sacramento and the Cities of Folsom and Galt for a Consultant Services Agreement with Larry Walker Associates, Inc. (LWA), to conduct the 1998/99 NPDES Stormwater Monitoring Program for an amount not to exceed \$361,364. The City's share will be \$122,864.

CONTACT PERSON: Larry Nash, Senior Engineer, 264-1434
Gary Reents, Engineering Services Manager, 264-1433

FOR COUNCIL MEETING OF: November 24, 1998

SUMMARY

This report requests City Council authorization for sharing of consultant costs for the 1998/99 NPDES Stormwater Monitoring Program. Under the terms of the master Memorandum of Understanding (MOU) between the Permittees (the County of Sacramento and the Cities of Sacramento, Folsom, and Galt) for the NPDES Stormwater Management Program, the City's share will be \$122,864.



CITY OF SACRAMENTO
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COMMITTEE/COMMISSION ACTION

None.

BACKGROUND INFORMATION

On May 3, 1996, the Regional Water Quality Control Board - Central Valley Region reissued an NPDES permit (Permit No. CA0082597) to the County of Sacramento and the Cities of Sacramento, Folsom, and Galt (Permittees) regulating the discharge of stormwater to local receiving waters. The NPDES permit requires development and implementation of programs to reduce pollution caused by stormwater runoff. In compliance with the permit, the Permittees conduct an annual monitoring program to characterize stormwater runoff, evaluate the impacts of stormwater runoff on local receiving waters, and determine the long-term effectiveness of stormwater pollution control programs.

On October 6, 1992, the City entered into a master MOU with the County of Sacramento and the Cities of Folsom and Galt for work related to the NPDES Stormwater Management Program (Resolution 92-732). The master MOU includes administrative procedures for sharing of work products and apportionment of program costs.

The 1998/99 NPDES Stormwater Monitoring Program is the ninth year of the NPDES Stormwater Monitoring Program. The following findings have been derived from the first eight years of the Monitoring Program:

- In general, the chemical composition of stormwater runoff in Sacramento during storms is similar to stormwater runoff throughout the country. A notable exception is that lead concentrations found in Sacramento's runoff are significantly less than those found in a federal EPA study conducted in the early 1980's, probably due to the reduction in the use and sales of leaded gasoline.
- Pollutants of concern in Sacramento stormwater, due to the potential for impacts to aquatic life, include trace metals such as copper and lead, and organophosphate pesticides such as diazinon and chlorpyrifos. Also, there is increasing concern regarding high levels of coliform in stormwater; coliform is an indicator of the potential presence of pathogenic organisms to humans. These pollutants and others have been identified through the annual monitoring program.

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- Monitoring shows that the impacts of stormwater runoff discharges on the American and Sacramento Rivers and local creeks vary significantly. Samples collected during storm events indicate that stormwater discharge impacts on the two rivers range from very little to widespread (as measured by toxicity to test species). The detrimental impacts of stormwater discharges on local creeks have been much more apparent, as demonstrated by frequent toxicity from the presence of organophosphate pesticides.

Based on the findings of the first eight years, the main goals of the 1998/99 Monitoring Program are as follows:

- conduct special studies to evaluate the effectiveness of stormwater pollution control measures and programs;
- continue source identification and reduction programs;
- develop means to evaluate the effectiveness of the Stormwater Management Program in reducing the concentrations of pollutants in stormwater discharges; and
- continue collecting data on stormwater runoff for the long-term evaluation of the effectiveness of stormwater pollution control programs.

LWA has been recommended to implement the 1998/99 Monitoring Program by staff of all four Permittees. LWA was selected through a Request-for Qualifications/Request for Proposals process conducted by the County of Sacramento, in which LWA was the only firm that responded out of a mailing to 102 consulting firms. Key factors in selecting this consultant were LWA's excellent performance conducting the 1997/98 NPDES Stormwater Monitoring Program, specialized technical expertise in stormwater sampling, and proven technical abilities. The selection process included the option for amendments to extend the contract for two additional years, dependent on the outcome of annual assessments of the consultant's performance.

ENVIRONMENTAL DETERMINATION

This project is not subject to CEQA review, because it is part of an on-going water quality study. There will be no environmental impacts associated with collection and analysis of water quality samples.

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FINANCIAL CONSIDERATIONS

The estimated cost for the Consultant Services Agreement is \$361,364. The City's share is \$122,864 and will be funded in the Storm Drainage Capital Improvement Program, Discharge Monitoring American/Sacramento Rivers project (425-500-WC66-4802), which has an unobligated balance of \$231,229, as of October 29, 1998.

POLICY CONSIDERATIONS

The NPDES Stormwater Monitoring Program is a federally mandated program. The main objectives of the program are to evaluate the impacts of stormwater runoff on receiving waters, identify stormwater runoff pollutants and their sources, and collect information for use in engineering decisions for selection of appropriate pollution control measures and evaluation of the effectiveness of stormwater pollution control programs.

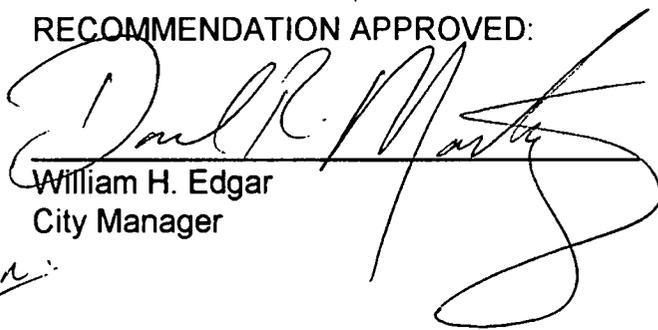
MBE/WBE

The consultant services for the 1998/99 NPDES Stormwater Monitoring Program were selected through the County of Sacramento. LWA is not a MBE/WBE firm. LWA is providing 8.6% MBE/WBE participation through subconsultants, including two City certified firms and two firms meeting Sacramento County certification requirements. The technical aspects in the scope of work require the specialized expertise and experience of Larry Walker Associates for the remainder of the project.

Respectfully submitted,


for _____
Gary A. Reents
Engineering Services Manager

RECOMMENDATION APPROVED:

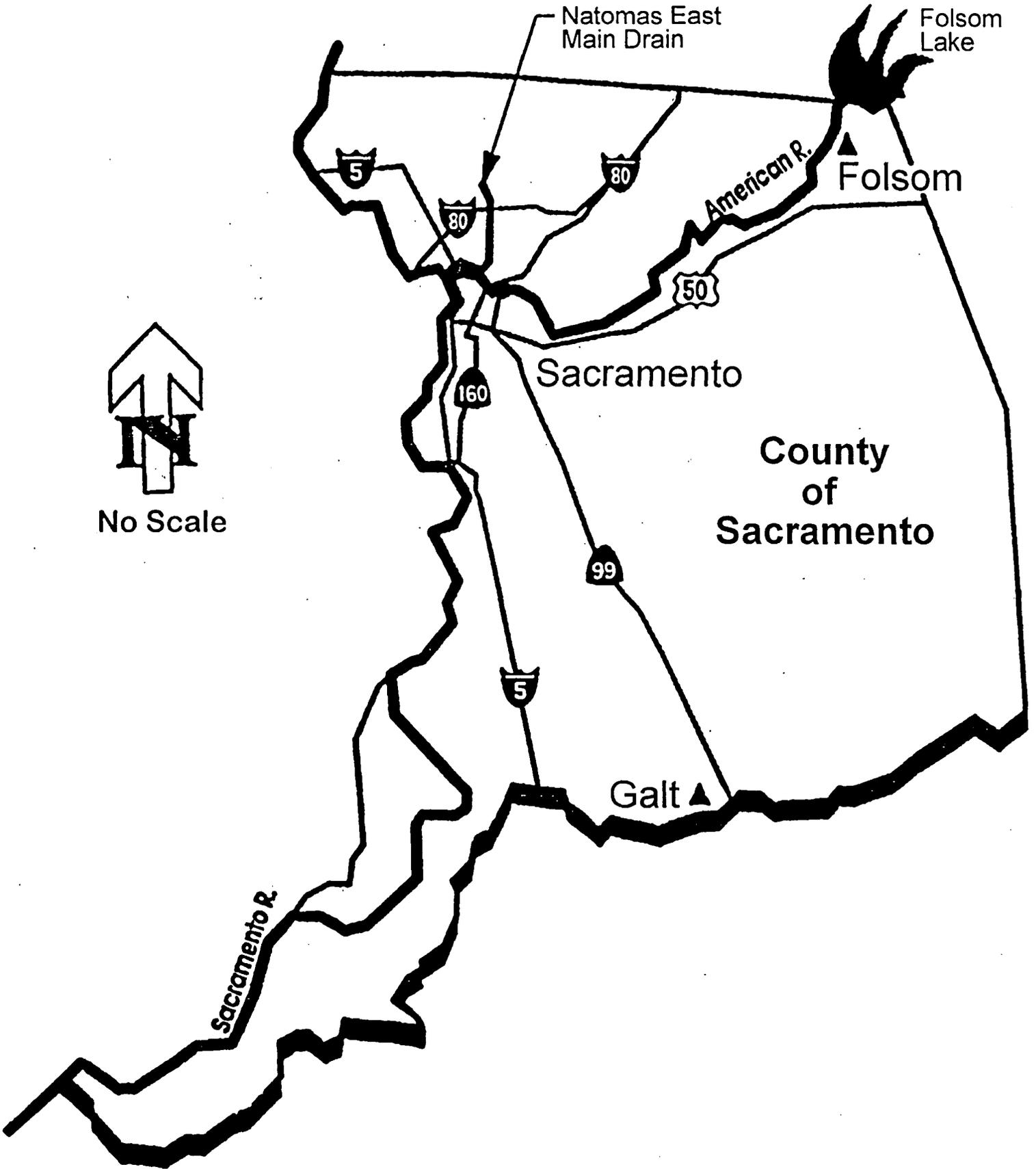

for _____
William H. Edgar
City Manager

APPROVED:



James G. Sequeira
Director of Utilities

ATTACHMENT A
BOUNDARY OF SACRAMENTO COUNTY AND
LOCATION OF CO-PERMITTEES IN SACRAMENTO COUNTY



APPROVED
BY THE CITY COUNCIL

NOV 24 1998

OFFICE OF THE
CITY CLERK

RESOLUTION NO. 98-583

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

RESOLUTION AUTHORIZING COST SHARING OF A CONSULTANT SERVICES AGREEMENT WITH THE COUNTY OF SACRAMENTO AND THE CITIES OF FOLSOM AND GALT FOR THE 1998/99 NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER MONITORING PROGRAM (PN: WC66)

BE IT RESOLVED BY THE SACRAMENTO CITY COUNCIL THAT:

In accordance with the master Memorandum of Understanding 92-732 with the County of Sacramento and the Cities of Folsom and Galt, the City agrees to reimburse the County of Sacramento for the City's share of consultant services provided by Larry Walker Associates, Inc. to implement the 1998/99 NPDES Stormwater Monitoring Program, for a cost to the City not to exceed \$122,864.

MAYOR

ATTEST:

CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO. _____

DATE ADOPTED: _____