

APPROVED
BY THE CITY COUNCIL

JUL 29 1997

OFFICE OF THE
CITY CLERK



1.13

AG97-120

DEPARTMENT OF
UTILITIES

ENGINEERING SERVICES

CITY OF SACRAMENTO
CALIFORNIA

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June 30, 1997

City Council
Sacramento, California

Honorable Members in Session:

**SUBJECT: AUTHORIZATION TO EXECUTE A MEMORANDUM OF UNDERSTANDING FOR
A SANITARY SURVEY UPDATE OF THE AMERICAN RIVER WATERSHED AREA
FOR AN AMOUNT NOT TO EXCEED \$175,000**

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

RECOMMENDATION:

Staff recommends that the City Council approve the attached resolution to adopt a Memorandum of Understanding with ten other municipal water purveyors for a sanitary survey update of the American River watershed area. The City's share, based on the City's 1996 American River water diversion, will be an amount not to exceed \$55,125.

CONTACT PERSON: Larry Nash, Senior Engineer, 433-4015
Gary A. Reents, Engineering Services Manger, 433-6633

FOR COUNCIL MEETING OF: July 29, 1997

SUMMARY

The California Surface Water Treatment Rule requires communities such as Sacramento that divert and treat surface waters for domestic water supplies to perform sanitary surveys within their respective watersheds every five years. The purpose of the sanitary surveys is to evaluate the sources of waterborne contaminants and to determine the level of treatment required to assure the supply of safe drinking water. In response to this requirement, this report requests the City Council to approve a resolution that adopts a Memorandum of Understanding (MOU) with ten other municipal water purveyors for the purpose of completing a total American River

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Watershed Sanitary Survey Update for an amount not to exceed \$175,000. Under the terms of the MOU, the City of Sacramento's (City) share will be \$55,125 or 31.5% based on apportionment of costs by water diversion during the 1996 calendar year.

COMMITTEE/COMMISSION ACTION

None.

BACKGROUND INFORMATION

The California Code of Regulations, Title 22, Chapter 17 establishes the California Surface Water Treatment Rule (SWTR) which requires that all surface water suppliers conduct a sanitary survey of their watershed(s) at least once every five years. The first of these studies was required to be completed prior to January 1996 or prior to issuance of a Department of Health Services (DHS) permit for a new or expanded surface water treatment facility, whichever comes first. In August 1993 the City and ten other municipal water purveyors in the American River watershed submitted a sanitary survey of the American River watershed to DHS.

The main purpose of the sanitary survey requirement is to determine the degree of treatment required to assure to the greatest degree possible that water supplies are free of microbial and other types of contamination. To comply with this requirement and obtain the necessary information to determine required levels of treatment, sanitary surveys must provide a description of the source waters' watershed, identify potential sources of contamination within the watershed, describe watershed management practices, and assess the microbial contaminant load at the point where the raw water is diverted to the treatment plant.

In the spring of 1997 City staff started discussions with DHS staff to discuss the scope of a sanitary survey update for the Fairbairn Water Treatment Plant to meet the SWTR requirements. The main objective of the staff discussions was to negotiate the level of detail required in the sanitary survey update for the Fairbairn Water Treatment Plant. City and DHS staff determined that the approach for completing the American River Watershed Sanitary Survey Update would be to utilize information previously collected in the original American River Watershed Sanitary Survey, provide updates on sources of concern in the watershed and in the proximity of water treatment plant intakes, evaluate new data on constituents of concern, determine required levels of treatment, and provide an updated set of recommendations.

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The study area for the American River Watershed Sanitary Survey will be the full length of the American River watershed downstream to the confluence of the American and Sacramento rivers. The watershed subarea from the rivers' confluence and the Fairbairn Water Treatment Plant will be included through reference and reproduction of information provided in the Sacramento River Watershed Sanitary Survey, dated December 1995.

Over the past few months, City staff has met with representatives of San Juan Water District, East Bay Municipal Utility District, the City of Roseville, El Dorado Irrigation District, the City of Folsom, Carmichael Water District, Arden-Cordova Water Service, California State Prison at Folsom, Placer County Water Agency, and Arcade Water District to consider whether the SWTR sanitary survey requirements for the Fairbairn Water Treatment Plant and the other agencies' facilities can best be met through a jointly administered and financed project. This effort has resulted in the development of the attached Memorandum of Understanding (MOU) Regarding Contracting for a Sanitary Survey Update of the American River Watershed (see Exhibit A). The other agencies will be requesting approval of the MOU by September 1, 1997.

The key provisions of the MOU are as follows:

- provides for the formation of a Technical Committee for consultant selection and to administer the work of the consultant.
- provides for a cost sharing arrangement in which the total costs of the project would be apportioned based on each participant's share of the sum of total deliveries of American River water in 1996 for the participating current water diverters and EBMUD's minimum water need averaged over a three year period.
- provides for the City to be the lead agency in administration of the Consultant Services Agreement.

A future Council Report will request approval of a Consultant Services Agreement, after consultant selection is completed. It is anticipated that a Request for Proposals (RFP) will be sent out in August 1997.

ENVIRONMENTAL DETERMINATION

The Environmental Services Division has determined that the American River Watershed Sanitary Survey Update is a planning study, which does not require CEQA review.

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FINANCIAL CONSIDERATIONS

The MOU regarding contracting for a sanitary survey update of the American River watershed area is for an amount not to exceed \$175,000. The City's share is an amount not to exceed \$55,125, or 31.5%, and will be funded in the American River Watershed Sanitary Survey (413-500-ZF61-4802), which has an unobligated balance of \$125,000 as of July 1, 1997.

POLICY CONSIDERATIONS

The State Surface Water Treatment Rule requires that a sanitary survey be conducted between the Fairbairn Water Treatment Plant intake and upstream municipal water diverters. Adoption of the proposed MOU would provide an opportunity for the City and other municipal water purveyors to work together in a cooperative manner and share the costs of this study, which otherwise would need to be performed individually.

MBE/WBE

The Request For Proposal for this project will include MBE and WBE participation goals of 10.57% and 9.5% respectively, as required by Resolution 93-619 relating to MBE/WBE participation goals and policies, adopted by the City Council on November 2, 1993.

Respectfully submitted,




Gary A. Reents,
Engineering Services Manager

RECOMMENDATION APPROVED:

APPROVED:

William H. Edgar,
City Manager

for 

James G. Sequeira,
Director of Utilities

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BY THE CITY COUNCIL

JUL 29 1997

OFFICE OF THE
CITY CLERK

RESOLUTION NO. 97-428

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

RESOLUTION ADOPTING A MEMORANDUM OF UNDERSTANDING REGARDING CONTRACTING FOR A SANITARY SURVEY UPDATE OF THE AMERICAN RIVER WATERSHED AREA

BE IT RESOLVED BY THE SACRAMENTO CITY COUNCIL THAT:

The Mayor and the City Clerk are hereby authorized to execute a Memorandum of Understanding with San Juan Water District, East Bay Municipal Utility District, the City of Roseville, El Dorado Irrigation District, the City of Folsom, Carmichael Water District, Arden-Cordova Water Service, California State Prison at Folsom, Placer County Water Agency, and Arcade Water District for the purpose of sharing costs related to the completion of the American River Watershed Sanitary Survey. (ZF61)

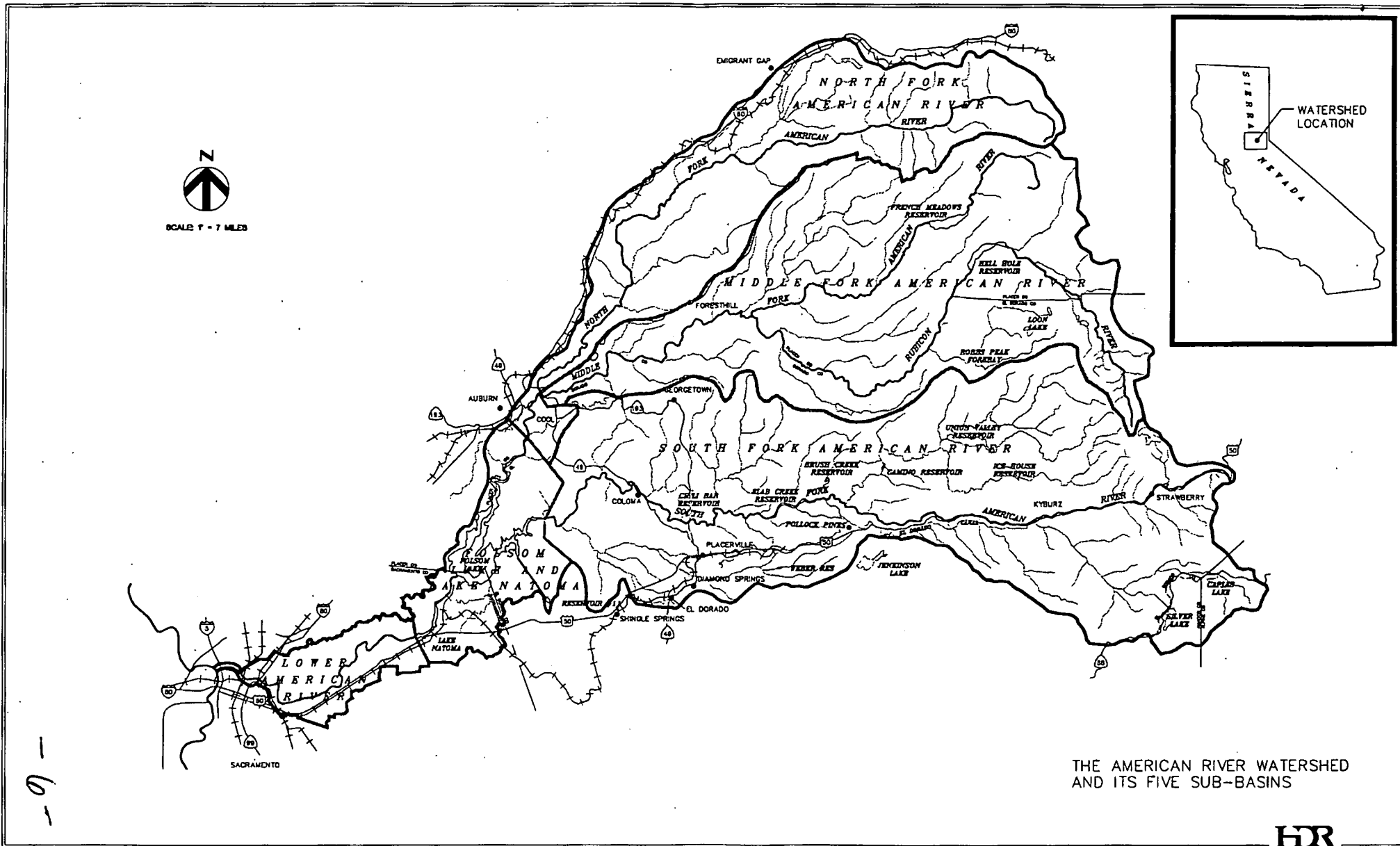
MAYOR

ATTEST:

CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO. _____
DATE ADOPTED: _____



THE AMERICAN RIVER WATERSHED AND ITS FIVE SUB-BASINS

HDR

Figure II-2

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DATE: 11/11/00