

DEPARTMENT
OF UTILITIES

CITY OF SACRAMENTO
CALIFORNIA

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ENGINEERING
SERVICES DIVISION

April 21, 2005

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City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: SACRAMENTO RIVER WATERSHED SANITARY SURVEY SECOND UPDATE; APPROVAL OF CONSULTANT SERVICES AGREEMENT WITH MWH AMERICAS, INC., IN AN AMOUNT NOT TO EXCEED \$120,902 (PN:ZE31) AND AMENDING CAPITAL IMPROVEMENT REVENUE AND EXPENSE BUDGETS

LOCATION AND COUNCIL DISTRICT: City-wide

RECOMMENDATION:

Staff recommends that the City Council approve the attached resolution and authorize the City Manager to execute the Consultant Services Agreement with MWH Americas, Inc., (MWH) and recommend that the Sacramento River Watershed Sanitary Survey Project be amended to add \$99,410 to the Capital Improvement Expenditure and Revenue Budgets (413-500-ZE31), for an amount not to exceed \$120,902. The City's share of the Sacramento River Watershed Sanitary Survey Second Update Report will be \$21,492, under the terms of the Memorandum of Understanding (MOU) between the participating agencies.

CONTACT PERSON: Dave Brent, Engineering Manager, 808-1420
Maria Solis, Supervising Engineer, 808-1499

FOR COUNCIL MEETING OF: May 10, 2005

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. In response to this requirement, this report requests that the City Council approve a resolution that authorizes a Consultant Services Agreement with MWH to prepare the Sacramento River Watershed Sanitary Survey Second



CITY OF SACRAMENTO
DEPARTMENT
OF UTILITIES

City Council
Approval of Consultant Services Agreement For Sanitary Survey
April 21, 2005

Update Report in an amount not to exceed \$124,902. Under the terms of the Memorandum of Understanding (MOU) between the City of Sacramento, City of Roseville, City of West Sacramento, East Bay Municipal Utility District, Placer County Water Agency, and Sacramento County Water Agency, the City's share will be \$21,492.

COMMITTEE/COMMISSION ACTION:

None.

BACKGROUND INFORMATION:

The California Code of Regulations, Title 22, Chapter 17 establishes the California Surface Water Treatment Rule (SWTR) that requires that all surface water suppliers conduct a sanitary survey of their watershed(s) at least once every five years. 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 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 December 1995, the City and the City of West Sacramento (West Sacramento) submitted a sanitary survey of the Sacramento River watershed to DHS; in December 2000, the City and West Sacramento submitted the required update of the sanitary survey to DHS. During summer and fall of 2005, City staff met with representatives of the City of Roseville, City of West Sacramento, East Bay Municipal Utility District, Placer County Water Agency, and Sacramento County Water Agency to consider whether the SWTR sanitary survey requirements for the Sacramento River Water Treatment Plant and the other agencies' current or potential future facilities can best be met through a jointly administered and financed project.

This effort resulted in the preparation of a Memorandum of Understanding (MOU) providing for the formation of a Technical Committee for consultant selection, a cost sharing arrangement, and for the City to be the lead agency in administration of the Consultant Services Agreement. City Council approved a resolution (Resolution No. 2005-059) on February 8, 2005 adopting the MOU. The other participating agencies have also adopted the MOU. The second sanitary survey update is due to DHS by March 2006, based on recent DHS approval of an updated project schedule. The study area for the Sacramento River Watershed Sanitary Survey will be from the Feather River confluence to Freeport (See Attachment 1).

On February 9, 2005, staff issued a Request for Proposals (RFP) to twenty-seven consulting firms, including nine Emerging or Small Business Enterprise firms. The firms were selected based on their expertise and interest in receiving the RFP. The RFP was posted on the City's Procurement Services Division web site, which generated additional interest in the project.

One proposal was received on March 2, 2005 and reviewed independently by a consultant selection committee comprised of staff of the participating water utilities. The proposal from MWH was accepted by consensus of the reviewers. The Consultant Services Agreement is for an amount not-to-exceed \$120,902.

ENVIRONMENTAL DETERMINATION:

The Environmental Services Manager has determined that conduct of the sanitary survey update of the Sacramento River watershed is exempt from the requirements of the California Environmental Quality Act (CEQA), pursuant to Section 15262 of the CEQA Guidelines. Exemption 15262 consists of a project involving only feasibility or planning studies for possible future actions.

FINANCIAL CONSIDERATIONS:

The Consultant Services Agreement is for an amount not to exceed \$120,902. The City's share is an amount not to exceed \$21,492 and will be funded in the Sacramento River Source Water Quality (413-500-ZE31-4802). The table below displays the distribution of costs between the City and the other participating agencies, which is based on equal cost share of various tasks according to relevance to each participating agency (See Attachment 2). The City's cost includes a task for additional City services related to this project for an amount not to exceed \$3,920.

COST DISTRIBUTION SUMMARY

Participants	Expenses
City of Sacramento	\$21,492
Other Participating Agencies	\$99,410
Totals:	\$120,902

As the lead agency in this agreement, the City will invoice the other participating agencies. Therefore, staff requests that the Sacramento River Watershed Sanitary Survey Project be amended to add \$99,410 to the Capital Improvement Expenditure and Revenue Budgets (413-500-ZE31).

POLICY CONSIDERATIONS:

The State Surface Water Treatment Rule requires that a sanitary survey be conducted between the Sacramento River Water Treatment Plant intake and upstream municipal water diverters. This project furthers ongoing efforts for the City and other water purveyors to work together in a cooperative manner such as sharing the costs of this study, which would

otherwise need to be conducted individually. This report's recommendation is consistent with the City's Strategic Plan Goals of enhancing and preserving the neighborhoods, supporting the economic vitality of the area, and establishing and strengthening community and regional partnerships to enhance the quality of life.

ESBD CONSIDERATIONS:

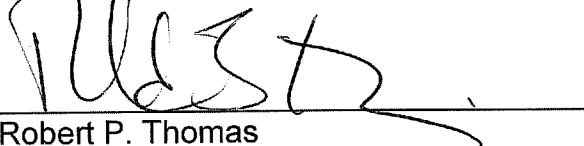
MWH is not an Emerging or Small Business Enterprise firm. MWH's subconsultant Starr Consulting is a certified Emerging Business Enterprise firm, and will be conducting approximately 38% of the project.

Respectfully submitted,



David L. Brent
Engineering Manager

RECOMMENDATION APPROVED:



Robert P. Thomas
City Manager

APPROVED:



Gary A. Reents
Director of Utilities

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RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

RESOLUTION TO APPROVE THE CONSULTANT SERVICES AGREEMENT WITH MWH AMERICAS, INC. IN ACCORDANCE WITH THE MEMORANDUM OF UNDERSTANDING REGARDING APPORTIONMENT OF COSTS FOR A SANITARY SURVEY UPDATE OF THE SACRAMENTO RIVER WATERSHED AREA AND FOLLOW-UP ACTIVITIES (PN:ZE31) FOR AN AMOUNT NOT TO EXCEED \$120,902 AMENDING THE CAPITAL IMPROVEMENT PROGRAM REVENUE AND EXPENDITURE BUDGETS

BE IT RESOLVED BY THE SACRAMENTO CITY COUNCIL THAT:

1. The FY2004/05 Capital Improvement Program Revenue budget is amended by appropriating \$99,410 to the Sacramento River Source Water Project (248-500-ZE31-3599).
2. The FY2004/05 Capital Improvement Program Expenditure budget is amended by appropriating \$99,410 to the Sacramento River Source Water Project (248-500-ZE31-4802).
3. The City Council hereby approves and authorizes the City Manager to execute a Consultant Services Agreement with MWH Americas, Inc. in an amount not to exceed \$124,902 for the Sacramento River Watershed Sanitary Survey Second Update (PN: ZE31). Execution of this agreement is in accordance with the Memorandum of Understanding with the City Of Roseville, City of West Sacramento, East Bay Municipal Utility District, Placer County Water Agency, and Sacramento County Water Agency.

MAYOR

ATTEST:

CITY CLERK

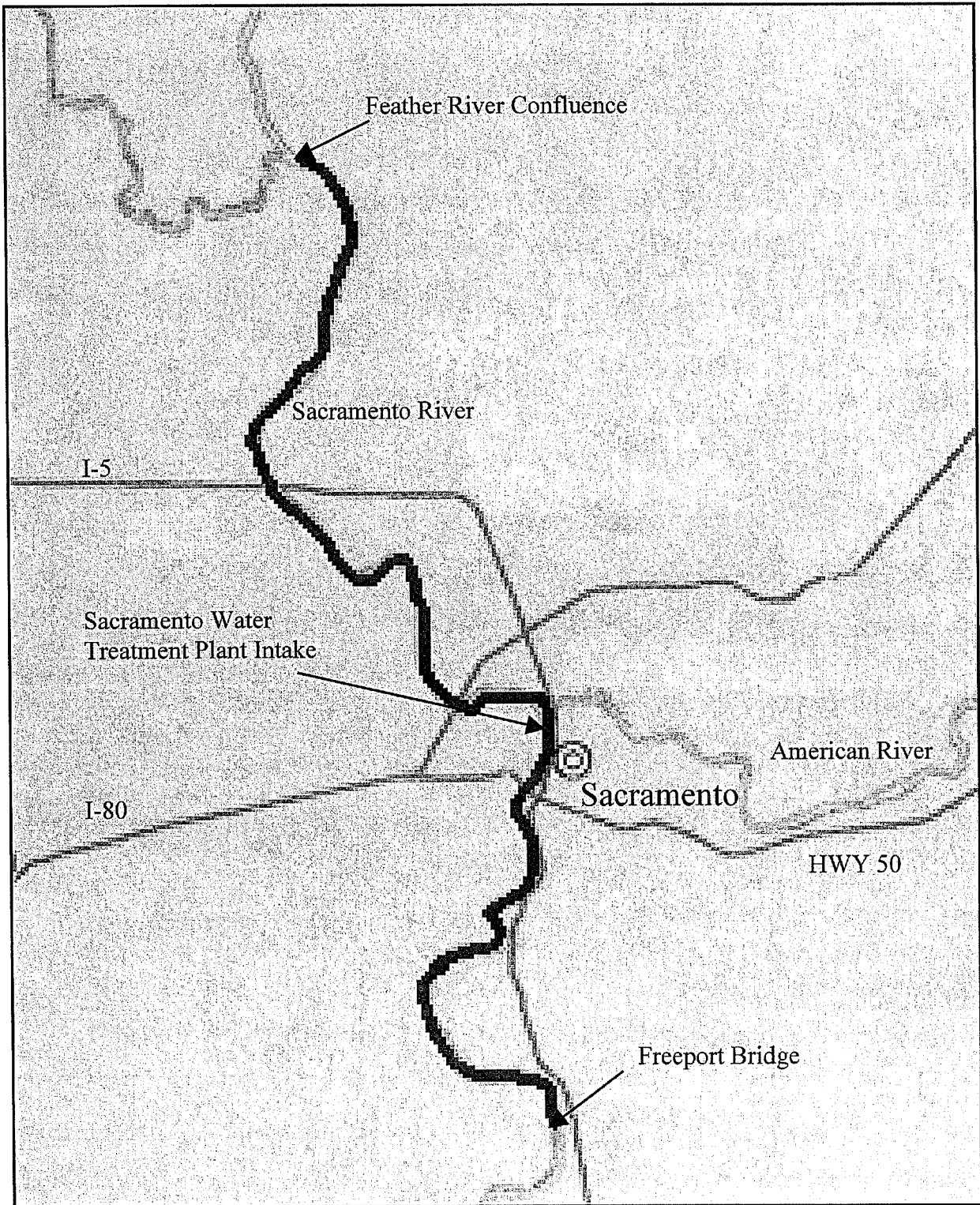
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FOR CITY CLERK USE ONLY

RESOLUTION NO.: _____

DATE ADOPTED: _____

Attachment 1
Sacramento River Watershed Sanitary Survey Study Area



Attachment 2

Cost Share for 2005 Sacramento River Watershed Sanitary Survey Update

Participating Agencies	Cost Share (%)					Supplemental Tasks
	Equal Share (a)	Cost Share as Applicable - Watershed Contaminant Sources (b)			Compliance Evaluation (c)	
		A	B	C		
Roseville	16.66	-----	7.14	-----	6.25	<i>See footnote (d)</i>
Sacramento	16.67	34	23.82	-----	31.25	
West Sacramento	16.67	-----	7.14	-----	25	
EBMUD	16.67	33	23.81	50	12.5	
PCWA	16.66	-----	14.28	-----	12.5	
SCWA	16.67	33	23.81	50	12.5	

(a) Equal share for consultant costs for project management, report preparation, and topics of mutual interest; and for City of Sacramento project management and administration costs.

(b) The following provides cost share for watershed contaminant sources that are applicable to specific participating agencies:

A = Recreation: Sacramento/American River confluence
1/3 each for Sacramento, EBMUD and SCWA.

B = Urban Runoff: 1/7 of 50% each for Roseville, Sacramento, West Sacramento, EBMUD, and SCWA. 2/7 of 50% for PCWA.
1/3 of 50% each for Sacramento, SCWA and EBMUD.

C = Wastewater – Downstream of Sacramento River Water Treatment Plant to Freeport:
1/2 each for SCWA and EBMUD.

(c) Compliance evaluation costs split between four existing or potential future diversions:

- Potential future Elverta Diversion:
1/4 of 25% each for Roseville and Sacramento. 1/2 of 25% for PCWA.
- Bryte Bend Water Treatment Plant (WTP): 25% West Sacramento
- Sacramento River WTP: 25% Sacramento
- Potential future Freeport Diversion: 1/2 of 25% each EBMUD and SCWA.

(d) Supplementary tasks to be split among appropriate participating agencies

- Topics of mutual interest: 1/6 per participating agency.
- Related exclusively to the Elverta Diversion: 1/4 each for Roseville and Sacramento. 1/2 for PCWA.
- Downstream of Bryte Bend WTP to Sacramento River Water WTP:
1/3 each for Sacramento, EBMUD and SCWA.
- Downstream of Sacramento River WTP to Freeport:
1/2 each for EBMUD and SCWA.