



REPORT TO COUNCIL

City of Sacramento

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www.CityofSacramento.org

Consent
October 13, 2009

Honorable Mayor and
Members of the City Council

Title: Memorandum of Understanding: Sacramento River Watershed Sanitary Survey Update (Z14000600)

Location/Council District: Citywide

Recommendation: Adopt a **Resolution** authorizing the City Manager to execute a Memorandum of Understanding with six other municipal water purveyors for a sanitary survey update of the Sacramento River watershed area for a total project cost not to exceed \$200,000, and providing the option for participating agencies to share costs of follow-up activities on a voluntary basis.

Contact: Dave L. Brent, Engineering Services Manager, (916) 808-1420; Sherill Huun, Supervising Engineer, (916) 808-1455.

Presenters: NA

Department: Utilities

Division: Engineering Services

Organization No: 14001331

Description/Analysis

Issue: The California Surface Water Treatment Rule requires communities such as Sacramento that divert and treat surface waters for domestic water supplies to perform sanitary survey updates within their respective watersheds every five years.

In response to this requirement, this report requests the City Council approve a resolution that adopts a Memorandum of Understanding (MOU) with six other municipal water purveyors for the purpose of completing a Sacramento River Watershed Sanitary Survey Update to fulfill this requirement for all seven purveyors.

Policy Considerations: Adoption of the proposed MOU will provide an opportunity for the City and other water purveyors to work together in a cooperative manner and share the costs of this study, which otherwise would need to be performed 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.

Environmental Considerations:

California Environmental Quality Act (CEQA): The Environmental Services Manager has determined that the adoption of an MOU for a sanitary survey update of the Sacramento River Watershed is exempt from the requirements of the CEQA, pursuant to Section 15306 of the CEQA Guidelines. This exemption consists of a project involving basic data collection, research, and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource.

Sustainability Considerations: Conducting the watershed sanitary survey update and follow-up source water protection follow-up activities are consistent with the City's Sustainability Master Plan in advancing the goal of conserving the use and protection of sources of water.

Rationale for Recommendation: The City is required by the State of California Department of Public Health, Drinking Water Program to comply with regulations passed in June 1991 requiring all water suppliers using surface water sources to complete a sanitary survey of their respective watershed(s) and to provide an update report every five years. By partnering with other water utilities with this same requirement and geographical area of interest, the City can cost effectively meet this regulatory requirement.

Financial Considerations: The MOU regarding contracting and apportionment of costs for a sanitary survey update of the Sacramento River watershed area and follow-up activities is for a total project cost not to exceed \$200,000 for the watershed sanitary survey and up to \$18,000 per year per participating agency for voluntary follow-up activities. In addition, if requested by the City, the parties participating in the voluntary follow-up activities will each pay an equal share of the cost of Sacramento's project management services for each activity in an amount up to \$500 per participating agency.

The City's share of the watershed sanitary survey update is for an amount not to exceed \$38,000, which includes services in addition to the cost shared work. There is sufficient funding in Z14000600 for these costs. There will be another Council report in early 2010 for approval of a professional services agreement for the survey update. The authority to amend the revenue and expenditure budgets to include the reimbursements from the participating agencies will be included in that report.

Emerging Small Business Development (ESBD): Emerging and small business enterprise (ESBE) participation consistent with City policy will be included in any professional services agreements administered by the City.

Respectfully Submitted by:



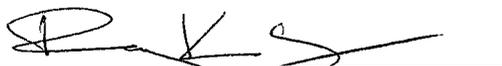
David L. Brent
Engineering Services Manager

Approved by:



Marty Hanneman
Director of Utilities

Recommendation Approved:



Ray Kerridge
City Manager

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Attachment 1

Background

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 1, 1996 or prior to issuance of a Department of Public Health (DPH) permit for a new or expanded surface water treatment facility, whichever comes first. In December 1995, the City and the City of West Sacramento (West Sacramento) submitted a sanitary survey of the Sacramento River watershed to DPH; in December 2000, the City and West Sacramento submitted the required first update of the sanitary survey to DPH, and in April 2006 the City, West Sacramento, Sacramento County Water Agency (SCWA), and East Bay Municipal Utility District (EBMUD) submitted the required second update of the sanitary survey to DPH. The next update to the sanitary survey is due to DPH by December 2010.

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.

Over the last year, City staff has met with representatives of the City of Davis on behalf of the Davis-Woodland Water Supply Project, City of Roseville, West Sacramento, EBMUD, Placer County Water Agency, and SCWA 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 has resulted in the development of the attached Memorandum of Understanding (MOU) Regarding Apportionment of Costs for a Sanitary Survey Update of the Sacramento River Watershed Area and Follow-Up Activities. The other participating agencies have approved the MOU.

The key provisions of the MOU are as follows:

- provides for a Technical Committee to select the consulting firm, review work products and discuss report recommendations.
- provides for a cost sharing arrangement in which the total costs of the project will be apportioned based on equal sharing of administrative costs and splitting costs of technical evaluations by applicability to each participant.
- provides for the City to be the lead agency in administration of the Professional Services Agreement and for cost sharing of City staff costs for project management consisting of work of mutual benefit to the participating agencies.

- provides the option for participating agencies to share costs of follow-up work, based on the results of the sanitary survey.
- provides agreement for Woodland, which is participating in the MOU on behalf of the Davis-Woodland Water Supply Project (DWWSP), to assign Woodland's rights and obligations to the DWWSP upon formation of a DWWSP joint powers agency.

The water purveyors developed a proposed approach for completing the Sacramento River Watershed Sanitary Survey Update for DPH approval. The approach includes utilizing information previously collected in the original Sacramento River Watershed Sanitary Survey and the first and second update reports, optimizing use of information from watershed programs, providing updates on various sources of concern in the watershed, evaluating new data on sources and constituents of concern, determining required levels of treatment, and providing an updated set of recommendations. The study area for the Sacramento River Watershed Sanitary Survey will be from the Feather River confluence to Freeport. The City submitted a description of this approach and draft report outline to DPH in August 2009. The actual cost share amounts per participating agency will be provided in an upcoming City Council report for approval of a professional Services agreement for preparation of the watershed sanitary survey report.

Attachment 2

RESOLUTION NO.

Adopted by the Sacramento City Council

**MEMORANDUM OF UNDERSTANDING:
SACRAMENTO RIVER WATERSHED SANITARY SURVEY UPDATE (Z14000600)**

BACKGROUND

- A. The California Surface Water Treatment Rule requires the completion of an update to the Sacramento River Watershed Sanitary Survey by December 2010.
- B. City staff has worked with six other municipal water purveyors to develop a Memorandum of Understanding (MOU) that provides a cost effective approach to partner together to complete the watershed sanitary survey update requirement.
- C. The MOU regarding contracting and apportionment of costs for a sanitary survey update of the Sacramento River watershed area and follow-up activities has been approved by the six other participating agencies.
- D. The City's share of the watershed sanitary survey update is for an amount not to exceed \$38,000, which includes services in addition to the cost shared work.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

- Section 1. The City Manager is authorized to execute a Memorandum of Understanding with the City of Roseville, City of West Sacramento, City of Woodland, East Bay Municipal Utility District, Placer County Water Agency, and Sacramento County Water Agency for the purpose of sharing costs of the 2010 update to the Sacramento River Watershed Sanitary Survey, for a total project cost not to exceed \$200,000, and to provide the option for participating agencies to share costs of follow-up activities on a voluntary basis.