



APPROVED
BY THE CITY COUNCIL

AUG 12 1997

OFFICE OF THE
CITY CLERK

4697-133

1.6

DEPARTMENT OF
UTILITIES
ENGINEERING SERVICES

CITY OF SACRAMENTO
CALIFORNIA

5770 FREEPORT BLVD.
SUITE 100
SACRAMENTO, CA
95822-2911

PH 916-433-6318
FAX 916-433-6652

July 30, 1997

City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: AUTHORIZATION TO EXECUTE A CONSULTANT SERVICES AGREEMENT WITH LARRY WALKER ASSOCIATES, INC. FOR THE 1997/98 NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER MONITORING PROGRAM (PN: WC66) IN AN AMOUNT NOT TO EXCEED \$455,995 AND AMENDING THE CAPITAL GRANTS FUND REVENUE AND EXPENSE BUDGETS

LOCATION AND COUNCIL DISTRICT: City-wide (see Attachment A map).

RECOMMENDATION:

Staff recommends that the City Council approve the attached resolution authorizing the City Manager and City Clerk to execute a Consultant Services Agreements with Larry Walker Associates, Inc. for implementation of the 1997/98 NPDES Stormwater Monitoring Program in an amount not to exceed \$455,995. The City's share will be \$155,038.

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

FOR COUNCIL MEETING OF: August 12, 1997

SUMMARY

This City Council report requests that the City Council approve a resolution that authorizes a consultant services agreement with Larry Walker Associates, Inc., to implement the 1997/98 NPDES Stormwater Monitoring Program in an amount not to exceed \$455,995. 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 \$155,038.

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1997/98 NPDES Stormwater Monitoring Program

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 must 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 1997/98 NPDES Stormwater Monitoring Program is the eighth year of the NPDES Stormwater Monitoring Program. The following findings have been derived from the first seven 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 include trace metals, such as copper, lead, and zinc and organic chemicals such as polyaromatic hydrocarbons and organophosphorous pesticides. These chemicals and others have been identified through the annual monitoring program.
- Monitoring shows that the impacts of stormwater runoff discharges on the American and Sacramento Rivers and local creeks vary significantly.

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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 organophosphorous pesticides.

Based on the findings of the first seven years, the main goals of the 1997/98 Monitoring Program are as follows:

- continue collecting data on stormwater runoff for the long-term evaluation of the effectiveness of stormwater control programs,
- update information on stormwater pollutants of concern, based on threats to water quality, and continue source identification and reduction programs,
- conduct special studies to evaluate the effectiveness of stormwater pollution control measures and programs,
- develop a work plan for a Geographical Information System (GIS) based model to evaluate water quality improvements through implementation of stormwater pollution reduction programs, and
- Coordinate with other monitoring programs to optimize and share information and reduce costs.

Larry Walker Associates, Inc. has been recommended to implement the 1997/98 Monitoring Program by staff of all four Permittees, as documented in Exhibit 1. Larry Walker Associates, Inc. was selected as last year's Monitoring Program consultant through a Request for Qualifications process, for which only two firms out of eighty-eight responded with qualifications. Larry Walker Associates, Inc. was selected at that time based on their experience, specialized expertise in stormwater sampling, and proven technical abilities. Larry Walker Associate's, Inc. excellent performance during the 1996/97 monitoring year and technical expertise were the key factors in retaining this consultant for the 1997/98 Monitoring Program.

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.

FINANCIAL CONSIDERATIONS

The estimated cost for the consultant services agreement is \$455,995. The City's share is \$155,038 and will be funded in the Storm Drainage Capital Improvement Program, Discharge Monitoring American/Sacramento Rivers (425-500-WC66-4802), which has an unobligated balance of \$348,998, as of July 25, 1997. The following table displays the distribution of costs among the Permittees, which is apportioned by population according to the master MOU.

COST DISTRIBUTION SUMMARY

Participants	% Share	Expenses
County of Sacramento	62%	\$282,717
City of Sacramento	34%	\$155,038
City of Folsom	3%	\$13,680
City of Galt	1%	\$4,560
Totals:		\$455,995

As the lead agency in this agreement, the City will invoice the other participating agencies. Therefore, staff requests that the FY98 Capital Improvement Program be amended to add \$300,957 to Capital Grants (248-500-WC66-4802) and that the FY98 Revenue Budget be amended to recognize additional revenue in Capital Grants of \$282,717 (248-500-WC66-3598) and \$18,240 (248-500-WC66-3599).

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.

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MBE/WBE

This project included 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. Larry Walker Associates, Inc. is not a MBE or WBE firm. Larry Walker Associates, Inc. is providing 8.66% MBE and 8.47% WBE participation. Staff has confirmed that Larry Walker Associates, Inc. performed a good faith effort. The consultant will be using an additional WBE firm, Sierra Environmental Sampling, Inc. which has been previously certified by the City as a WBE, but is not currently certified by the City. WBE credit of 0.66% for this firm will not be claimed until City certification is completed. The cumulative departmental MBE/WBE participation to date is 13.31% and 21.26% respectively.

Respectfully submitted,




Gary A. Reents
Engineering Services Manager

RECOMMENDATION APPROVED:

William H. Edgar
City Manager

APPROVED:



James G. Sequeira
Director of Utilities

RESOLUTION NO. 97-464

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

APPROVED
BY THE CITY COUNCIL
AUG 12 1997
OFFICE OF THE
CITY CLERK

RESOLUTION AUTHORIZING THE CITY MANAGER AND CITY CLERK TO EXECUTE A CONSULTANT SERVICES AGREEMENT WITH LARRY WALKER ASSOCIATES, INC. IN ACCORDANCE WITH THE MASTER MEMORANDUM OF UNDERSTANDING FOR THE NPDES STORMWATER PROGRAM (PN: WC66) AND AMENDING CAPITAL GRANTS REVENUE AND EXPENSE BUDGETS

BE IT RESOLVED BY THE SACRAMENTO CITY COUNCIL THAT:

1. The FY98 Revenue Budget for Capital Grants is amended for additional revenue as follows:

248-500-WC66-3598:	\$282,717
248-500-WC66-3599:	\$ 18,240

2. The FY98 Capital Improvement Program is amended to add \$300,957 to Capital Grants (248-500-WC66-4802).

3. The City Manager and City Clerk are authorized to sign and execute a Consultant Services Agreement with Larry Walker Associates, Inc. in an amount not to exceed \$455,995 for the 1997/98 NPDES Stormwater Monitoring Program. Execution of this agreement is in accordance with the master Memorandum of Understanding with the County of Sacramento and the Cities of Folsom and Galt.

MAYOR

ATTEST:

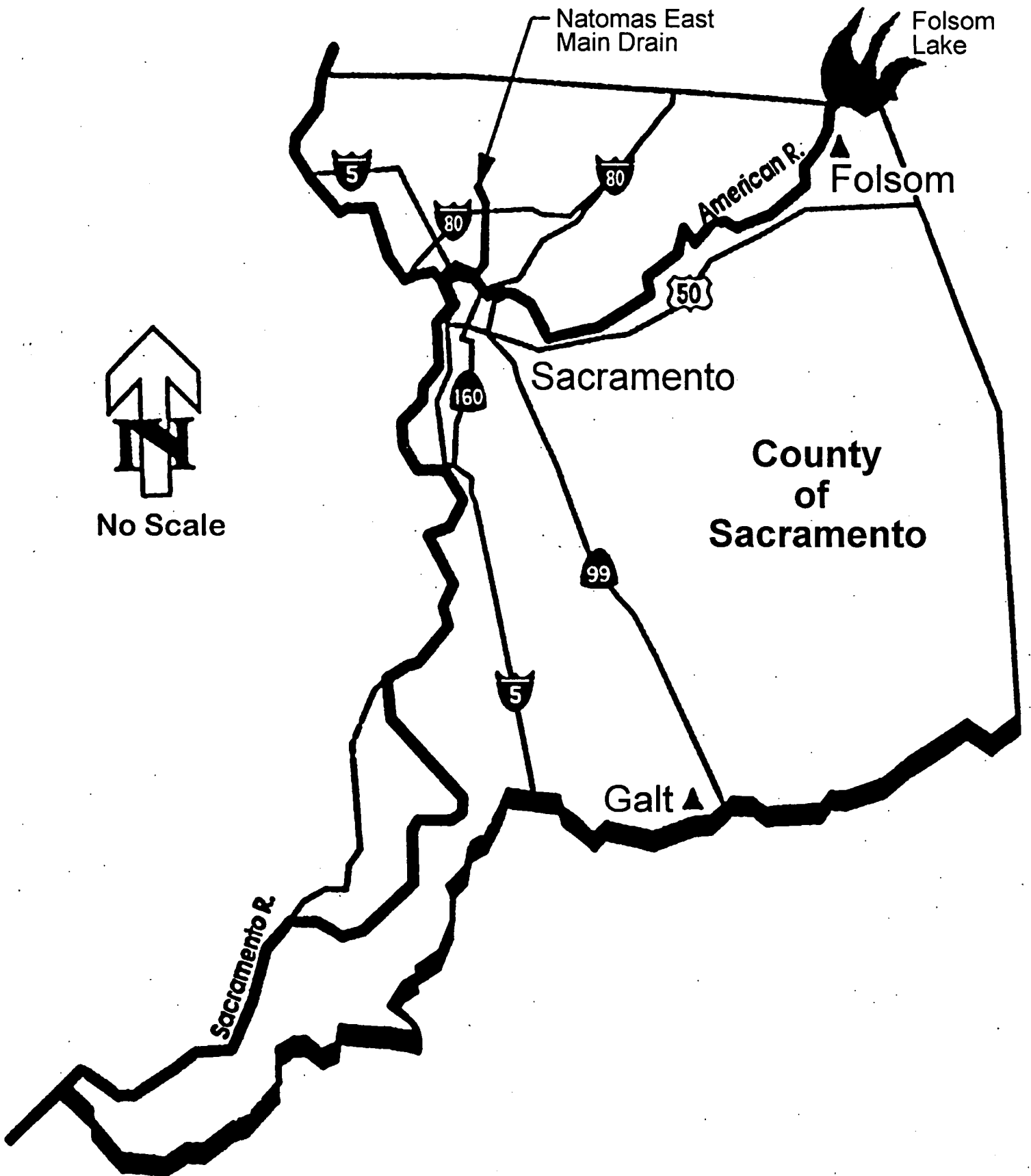
CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO. _____

DATE ADOPTED: _____

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





COUNTY OF SACRAMENTO

WATER RESOURCES DIVISION.....KEITH DEVORE, Chief
County Administration Building Phone: (916) 440-6851
827 Seventh Street, Room 301 Fax: (916) 552-8693
Sacramento, California 95814

WARREN H. HARADA, Administrator
CHERYL CRESON, Director
County Engineering
ROBERT F. SHANKS, Director
District Engineering
PATRICK L. GROFF, Director
Public Works Administration

July 22, 1997

Mr. Larry Nash
City of Sacramento
Department of Utilities
5770 Freeport Boulevard, Suite 100
Sacramento, California 95822-2911

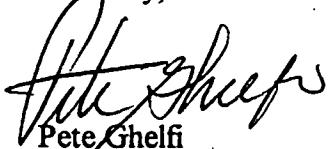
**Subject: Approval of Larry Walker Associates, Inc. as Consultant for 1997-98
Sacramento NPDES Stormwater Monitoring Program**

Dear Larry:

The purpose of this letter is to document that County of Sacramento (County) staff concur with the City of Sacramento's selection of Larry Walker Associates, Inc. as the primary consultant for the 1997-1998 Sacramento NPDES Stormwater Monitoring Program. County staff participated in the original consultant selection process and fully agree that the above consultant is the best qualified to perform the work.

The scope of work dated July 15, 1997 and the budget of \$455,995 have been reviewed by County staff and are satisfactory. County staff will recommend to the Sacramento County Board of Supervisors that they approve the commitment of \$282,717 for this program in accordance with the cost-sharing memorandum of understanding dated July 28, 1992.

Sincerely,


Pete Ghelfi
Senior Civil Engineer

cc: K. Russick
T. Garcia
C. Crouch

CITY OF FOLSOM

50 Natoma Street
Folsom, California 95630



July 28, 1997

City of Sacramento
Utilities Department
5770 Freeport Blvd., Suite 100
Sacramento, Ca. 95822-2911

Dear Ms. Callman;

This letter is to confirm our earlier conversations concerning the selection of Larry Walker and Associates (LWA) for the 1997-98 Monitoring Program. In addition to approving LWA as the appropriate consultant, the City of Folsom concurs with the scope and budget for the proposed work plan.

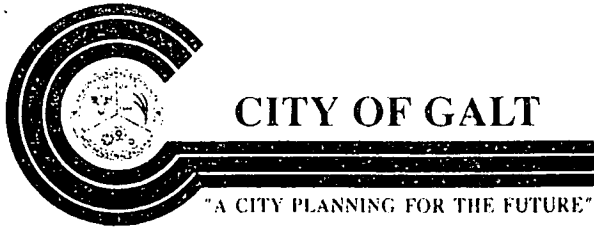
Thanks again for your diligent and thorough efforts leading to this contract. If you need any additional information, please do not hesitate to contact me at 355-7266.

Sincerely;

A handwritten signature in black ink, appearing to read "Robert H. Blaser", is written over a horizontal line.

Robert H. Blaser
City Engineer

c. City Manager



RECEIVED
JUL 25 1997

CITY OF SACRAMENTO
DEPARTMENT OF UTILITIES

July 24, 1997

Ms. Elissa Callman, Associate Civil Engineer
City of Sacramento
Department of Utilities
5770 Freeport Blvd., Suite 100
Sacramento, Ca. 95822-2911

re: 1997/98 NPDES Stormwater Monitoring Program -
Consultant Selection, Scope of Work, and Budget

Dear Elissa:

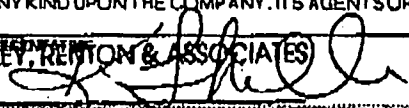
This is to confirm that the City of Galt concurs with the selection of Larry Walker Associates to provide professional consulting services for the above mentioned project based on the July 18, 1997 proposed scope of work and budget.

Please call if you have any questions. Thank you.

Sincerely,

Parviz Lashai
Associate Engineer

FAWPWINWPDATA\PARVIZ97NPDES.724

PROD. CERTIFICATE OF INSURANCE					ISSUE DATE (MM/DD/YY) 7/18/97
PRODUCER DEALEY, RENTON & ASSOCIATES Insurance Brokers P.O Box 12675 Oakland, CA 94604-2675 510-465-3090		THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.			
INSURED LARRY WALKER ASSOCIATES, INC. 509 Fourth Street Davis, CA 95616		COMPANIES AFFORDING COVERAGE			
		COMPANY LETTER A	Connecticut Specialty Ins. Co		
		COMPANY LETTER B	American Motorists Ins. Co.		
		COMPANY LETTER O	Design Professionals Ins. Co.		
		COMPANY LETTER D	Hartford Casualty Ins. Co.		
		COMPANY LETTER E			
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN. THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.					
POLICY	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	<input checked="" type="checkbox"/> GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR. <input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT.	EC 3000080	3/11/97	3/11/98	GENERAL AGGREGATE \$ 2,000,000 PRODUCTS-COMP/OP AGG. \$ 1,000,000 PERSONAL & ADM. INJURY \$ 1,000,000 EACH OCCURRENCE \$ 1,000,000 FIRE DAMAGE (Any one fire) \$ 50,000 MED. EXPENSE (Any one person) \$ 5,000
D	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS <input type="checkbox"/> GARAGE LIABILITY	3YU2CH58800	4/20/97	4/20/98	COMBINED SINGLE LIMIT \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE \$
B	<input type="checkbox"/> EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM <input type="checkbox"/> WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	7CW 235988-03	9/01/96	9/01/97	EACH OCCURRENCE \$ AGGREGATE \$ <input checked="" type="checkbox"/> STATUTORY LIMITS EACH ACCIDENT \$ 1,000,000 DEATH-POLICY LIMIT \$ 1,000,000 DISEASE-EACH EMPLOYEE \$ 1,000,000
C	<input type="checkbox"/> OTHER <input type="checkbox"/> PROFESSIONAL LIABILITY	PL511967	3/11/97	3/11/98	\$500,000 PER CLAIM & IN THE ANNUAL AGGREGATE
DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS					
CERTIFICATE HOLDER City of Sacramento Department of Utilities Attn: Elissa Callman 5770 Freeport Blvd., Ste. 100 Sacramento, CA 95822			CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENT'S OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE DEALEY, RENTON & ASSOCIATES BY  153482000		

COPY

DISCHARGE MONITORING

PROJECT#:	WC66
FY Initiated:	88/89

Location
Various

Council District:

Citywide 1 2 3 4 5 6 7 8

Neighborhood Area:

Citywide NA1 NA2 NA3 NA4

Planning Area:

N/A Citywide PA1 PA2 PA3 PA4 PA5 PA6 PA7 PA8 PA9 PA10 PA11

Project Description

Monitor stormwater discharges into and in the American and Sacramento Rivers and local creeks to identify pollutants, determine impacts on receiving waters, identify sources of stormwater pollution, and evaluate the effectiveness of stormwater pollution control programs.

Project Objectives

- To identify pollutants of concern in stormwater discharges.
- To evaluate impacts on rivers and creeks.
- To effectively control pollution of stormwater.

Existing Situation

The NPDES Stormwater permit is currently being renewed and will be reissued for another 5-year term in March 1996. The monitoring requirements of the renewed permit are anticipated to focus on source identification and effectiveness evaluation. The monitoring of receiving waters (e.g., the American River and the Sacramento River) will be accomplished through the Coordinated Monitoring Program. All stormwater compliance monitoring costs for the City are paid through this CIP and shared with the other co-permittees (Sacramento County, Folsom, and Galt).

Operating Budget Impact

None

Amended	Fund Source	Budget through 6/96	Estimated Balance 6/96	Five Year Funding				
				1996-97	1997-98	1998-99	1999-00	2000-01
7/1/97	Drainage	1,705,113	215,113	328,000	0	375,000	375,000	400,000
08/27/98	Capital Grants	1,408,508	0	295,304	0	0	0	0
7/1/97	Drainage	0	0	0	150,000	0	0	0
8/12/97	Capital Grants	0	0	0	300,957	0	0	0
TOTAL		3,113,621	215,113	623,304	450,957	375,000	375,000	400,000

