



3.18

DEPARTMENT OF
PARKS AND RECREATION

CITY OF SACRAMENTO
CALIFORNIA

1231 I STREET
SUITE 400
SACRAMENTO, CA
95814-2933

ADMINISTRATION

PH 916-264-5200
FAX 916-264-7643

June 15, 2004

City Council
Sacramento, California

Honorable Members in Session:

**SUBJECT: SUPPORT AN APPLICATION FOR A PROPOSITION 50 URBAN
WATER USE EFFICIENCY GRANT FOR PARK IRRIGATION
INFRASTRUCTURE IMPROVEMENTS AND ACCEPT THE GRANT IF
AWARDED**

LOCATION AND COUNCIL DISTRICT: Citywide, All Council Districts

RECOMMENDATION:

Staff recommends that the City Council, by resolution (p.5) support an application for a Proposition 50 Urban Water Use Efficiency Grant for irrigation infrastructure improvements at 16 city parks and accept the grant if awarded.

CONTACT PERSON: Bob Fleming, Park and Tree Maintenance Services Manager, 433-6301
Gary Reents, Department of Utilities Director, 808-1400
Lori Harder, Support Services Manager, 264-5172

FOR COUNCIL MEETING OF: June 15, 2004

SUMMARY:

The Department of Water Resources offers the Proposition 50 Urban Water Use Efficiency Implementation competitive grant program. As part of an on-going water conservation program, staff proposes the City apply for a total of \$1,000,000 to fund irrigation improvements at 16 parks (two in each Council District). The Department of Utilities has agreed to contribute \$200,000 in in-kind services to enhance this grant program. Implementation of the water conservation program is consistent with the "sustainable parks" concept to reduce the long-term cost of maintenance of City parks. The Department of Parks and Recreation expects grants to be awarded by Spring 2005.

①

COMMITTEE/COMMISSION ACTION:

The Citizen's Advisory Committee for Parks and Recreation supported staff's recommendation to prepare a Proposition 50 Urban Water Use Efficiency grant at its February 24, 2004 meeting.

BACKGROUND INFORMATION:

In November 2002 California voters passed Proposition 50, the Water Security Clean Drinking Water Coastal and Beach Protection Act of 2002. The California Bay Delta Program, a cooperative effort of twenty-four state and federal agencies with management or regulatory responsibilities for the Bay-Delta, is committed to identifying and funding the most promising water use efficiency projects that contribute toward water quality, water quantity and in-stream flow and timing improvements,

Urban projects that focus on landscaping water use efficiency and commercial, industrial and institutional water use efficiency are the highest priority for Water Use Efficiency Grant Program. Grant Proposals will be reviewed and evaluated according to the following criteria:

- Relevance and Importance
- Technical/scientific merit, feasibility
- Monitoring and assessment
- Qualification of the applicant and the cooperators
- Outreach, Community involvement and acceptance
- Innovation
- Cost and Benefits

The City of Sacramento is eligible for this grant because it has adopted an Urban water Management Plan. Best Management Practices (BMP) #5 of the plan recommends water-use audits for large landscaped areas such as public parks.

The grant is part of an on-going comprehensive water conservation program that began in 2000 when the City Council appropriated \$2.25 million for park irrigation system improvements (CIP LS01) to promote water conservation in City parks. The irrigation improvements complete to date (51 systems retrofitted with modern irrigation heads and 47 booster pumps installed) have enhanced water conservation, increased the availability of existing park land for community activities protect asset investment, increased efficiency of staff and upgrade system towards the coal of centralizing irrigation control.

The City Council expanded the water conservation program in 2004 when it allocated an additional \$1,000,000 for irrigation improvements in 16 parks (two from each Council District). The proposed grant will further expand the program to 16 additional sites, two parks in each Council District (see Exhibit A for site detail). Projects were selected based on need using the following criteria:

- Need to replace old galvanized and manual irrigation systems
- Need to replace undersized systems that do not provide adequate water volume
- Need to install booster pumps to increase water pressure for proper irrigation coverage

- Need to correct sprinkler layout that effect irrigation coverage
- Need to replace worn out equipment
- Need to centralize irrigation control

To ensure accurate measurement of water use for irrigation purposes in selected parks, irrigation systems will be modified. Irrigation improvements will be made with regard to points of connection, water meters and taps, booster pumps, backflow preventor, central irrigation control systems, and properly tuned irrigation systems.

There is no matching fund requirement for this grant because the solicitation package defines the City of Sacramento as a “disadvantaged community”. The package defines, “disadvantaged communities” as, “those communities with an annual median household income that is less than 80 percent of the statewide annual median household income” or \$47,493. The City of Sacramento’s median household income is \$37,049.

In support of this grant proposal, the Department of Utilities will provide \$200,000 in in-kind services for water meters, backflow devises, and taps. This project continues the collaboration between the Department of Parks and Recreation and Department of Utilities to conserve water as a valuable resource.

This partnership is supported by both Departments’ goals to “maximize and leverage the use of resources through positive collaboration for a common purpose”. The priority and joint vision of water conservation for the City is shared. With the implementation of these efforts in urban areas, such as public parks, will help establish appropriate assumptions for use in calculating estimates of reliable future water conservation savings to result in both a reduction in water consumption and a more efficient application of the park’s irrigation systems.

FINANCIAL CONSIDERATIONS:

The City of Sacramento will request a total of \$1,000,000 from the Department of Water Resources through Proposition 50. The Department of Utilities will contribute \$200,000 in in-kind services to the grant program. There are no matching funds required with this grant proposal.

ENVIRONMENTAL CONSIDERATIONS:

The grant program requires compliance with all environmental requirements under the California Environmental Quality Act (CEQA) to address potential environmental, social and economic impacts of the proposed project, including mitigation to include compliance with local, county, State, and federal permitting requirements. Staff will work with the Planning and Building Department Environmental Services Section to ensure that this project complies with CEQA.

POLICY CONSIDERATIONS:

The recommended actions support the City's Strategic Plan goals of establishing and strengthening regional partnerships to enhance the quality of life, and preserving neighborhood, urban forest, parks and recreation.

This recommendation is consistent with the Department's policy to develop and rehabilitate existing parks consistent with a "sustainable park" concept to reduce the long-term costs of maintaining City parks.

ESBD CONSIDERATIONS:

There are no ESBD considerations with this report.

Respectfully Submitted,

Levi Harder

for ROBERT G. OVERSTREET
Director of Parks and Recreation

G A Reents

GARY A. REENTS
Director of Utilities

Recommendation Approved:

Ken P. Thomas

ROBERT P. THOMAS
City Manager

Table of Contents:

- | | |
|---------------|--|
| 1) Exhibit A: | List of Recommended Park Site (page 5) |
| 2) Resolution | (page 6) |



CITY OF SACRAMENTO
DEPARTMENT OF PARKS AND RECREATION
PARK AND TREE MAINTENANCE SERVICES

PROPOSITION 50 URBAN WATER USE EFFICIENCY GRANT PROGRAM

EXHIBIT A: PROPOSED SITE LIST

	COUNCIL DISTRICT	BOOSTER PUMP	BACKFLOW PREVENTOR	IRRIGATION TUNE-UP	CENTRAL CONTROL	WATER METER	NEW ISOLATED WATER TAP
PROPOSED PARK SITES							
South Natomas CC	1	✓		✓			
Bannon Creek	1			✓	✓		
Richardson Village	2			✓	✓		
Sac N. Bike Way	2	✓		✓			
East Portal	3			✓			
Glenn Hall	3	✓	✓	✓	✓	✓	
Bahnfleth	4	✓		✓			
Miller Park	4			✓			
Oak Park CC	5	✓	✓	✓	✓	✓	
4th Ave Park	5	✓	✓	✓	✓	✓	
Oki Park	6	✓		✓	✓		
Earl Warren	6	✓	✓	✓	✓		✓
Soujourner Truth	7	✓		✓	✓		
Marriott	7	✓		✓	✓		
Cabrillo	8	✓	✓	✓	✓	✓	
Hopkins	8	✓		✓			

RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON THE DATE OF _____

**A RESOLUTION APPROVING APPLICATION FOR A
PROPOSITION 50 URBAN WATER USE EFFICIENCY GRANT
FOR IRRIGATION INFRASTRUCTURE IMPROVEMENTS**

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO:

The City Council hereby:

1. Supports an application for a Proposition 50 Urban Water Use Efficiency Grant for park irrigation infrastructure improvements;
2. Appoints the City Manager, Deputy City Manager, or Director of Parks and Recreation as agent of the City of Sacramento to conduct all negotiations and execute and submit all documents, including, but not limited to, applications, contracts, amendments, payment requests, and so on which may be necessary for the completion of the aforementioned Project.
3. Accepts the grant if awarded to the City of Sacramento.

MAYOR

ATTEST:

CITY CLERK

FOR CITY CLERK USE ONLY

Resolution No.: _____

Date Adopted: _____

16