

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



FROM: Supervisor Roy Wilson

SUBMITTAL DATE: October 18, 2005

SUBJECT: Fourth District Use of Community Improvement Funds

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approves the use of Community Improvement funds for Coachella Valley Water District (CVWD) Residential "Weather-Based" Irrigation Clock Rebate Pilot Water Conservation Program;
2. Approves and directs the Auditor-Controller to make the following budget adjustments:

Increase Appropriations:

Decrease Board Designation:

Departmental Concurrence

Roy Wilson

Roy Wilson, Fourth District Supervisor

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 5,000	In Current Year Budget:	NO
	Current F.Y. Net County Cost:	\$ 5,000	Budget Adjustment:	YES
	Annual Net County Cost:	\$ 5,000	For Fiscal Year:	2005-06

SOURCE OF FUNDS:	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input checked="" type="checkbox"/>

Dep't Recomm.: Consent Policy

Per Exec. Ofc.: Consent Policy

Prev. Agn. Ref.: _____ District: 4 Agenda Number: **3.67**

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BACKGROUND:

The Coachella Valley Water District (CVWD) is embarking on a pilot project to implement an efficient system that will determine the amount of irrigation needed depending on water needs during the different seasons.

The irrigation controller in an implement that is programmable and has been proven to substantially decrease the amount of water used in landscaping and irrigations systems.

The controller uses a clock that regulates the applications based on plant water needs. The clocks are self adjusting and do not require continuous programming. The water need of the plant is referred to as evapotranspiration (ET). ET is the amount of water that evaporates from the soil and plant plus the moisture that transpires through plant leaves. ET varies tremendously throughout the year, base on temperature, sunlight, wind speed, humidity and stage of plant growth.

In the Coachella Valley, outdoor use represents about 75 percent of total household consumption. It is projected that there will be an approximate 31 percent decrease in outdoor water use with a weather-based irrigation controller rebate program.

The cities of Palm Desert, Indian Wells and Cathedral City have committed \$5,000 each for a pilot program. Other local cities have shown interest and their participation is being pursued by CVWD.

Close monitoring will be done to determine effectiveness and an analysis will done at the end of the year.

FINANCIAL DATA:

Appropriations need to be increased to meet the expenditure obligations related to the hot weather shelter services.

CONCUR/EXECUTE: COUNTY COUNSEL
AUDITOR-CONTROLLER