

DEPARTMENT: Public Works

By: Clifton Price

Phone: 966-5356

RECOMMENDED ACTION AND JUSTIFICATION: (Policy Item: Yes___ No x)
Resolution authorizing the purchase of a Doppler wastewater flow meter by four special districts. This device would allow Public Works to accurately measure instantaneous flow rates into the wastewater treatment plants. This information is needed for capacity assessments, assisting determination of proper treatment of influent, providing acceptable information to the Regional Water Quality Control Board and to provide accurate data for management decisions concerning operation and maintenance of the wastewater treatment plants in each special district.

This device is currently installed in Coulterville, at no cost, on a demonstration basis and has been in operation since March 24, 1995. A new device of this type would cost \$3,800. The demo unit currently in use can be purchased for \$3,003, including full manufacturer's warranty. Other units of this type have been quoted at \$4,500 and up. Rental of units of this type would be \$300 to \$500 per month. Ten months of use as a rental equals the purchase price. This device would be in use on a year-round basis, being moved from district to district.

Each district would pay a percentage of the purchase price based on current equivalent dwelling unit (EDU), spreading the cost evenly across all the customers. This cost-sharing method would represent an equal cost-to-person benefit. Yosemite West, at 37.7% would pay \$1,132; Coulterville, at 34% would pay \$1,020; Don Pedro, at 21.7% would pay \$652; and Mariposa Pines, at 6.6% would pay \$199. Funding is available and will come from each district's Professional Services line item.

Yosemite West District Advisory Committee supports this purchase. Coulterville Sewer and Water Advisory Committee supported the purchase at one-quarter share, estimated at \$800, but later rejected support of any purchase when approached with EDU cost sharing. The Don Pedro Advisory Committee was notified June 6, 1995; Mariposa Pines will be notified at a later date.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

The department and the four districts have been hampered in efforts to perform proper maintenance, operations, design and monitoring without instantaneous flow measuring capabilities.

LIST ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:

No Action: Public Works would not be able to accurately measure the volume of influent to the special district wastewater treatment plants without renting another flow measuring device or contracting outside services. Both other alternatives would be more costly to the special districts.

COSTS:	() Not Applicable	
A. Budgeted current FY	\$	_____
B. Total anticipated costs	\$	_____
C. Required additional funding	\$	_____
D. Internal transfers	\$	3,003
SOURCE: () 4/5th Vote Required		
A. Unanticipated revenues	\$	_____
B. Reserve for contingencies	\$	_____
C. Source description: Professional Services		_____
Balance in Reserve Contingencies,		
if approved: \$		_____

SPECIAL INSTRUCTIONS:
List the attachments and number the pages consecutively:
Budget Action _____

CLERK'S USE ONLY

Res. No.: 95-270

Ord. No. _____

Vote - Ayes: 4

Noes: _____

Absent: _____

Abstained: None

Approved

Denied

Minute Order Attached

No Action Necessary

The foregoing instrument is a correct copy of the original on file in this office.

Date: _____

ATTEST: MARGIE WILLIAMS, Clerk of the Board
County of Mariposa, State of California

By: _____
Deputy

ADMINISTRATIVE OFFICER'S RECOMMENDATION:

This item on agenda as:

- Recommended
- Not Recommended
- For Policy Determination
- Submitted with Comment
- Returned for Further Action

Comment: _____

A.O. Initials: 

MARIPOSA COUNTY BOARD OF SUPERVISORS

MINUTE ORDER

TO: MIKE EDWARDS, PUBLIC WORKS DIRECTOR
FROM: MARGIE WILLIAMS, Clerk of the Board *MW*
SUBJECT: PURCHASE OF DOPPLER WASTEWATER FLOW METER

THE BOARD OF SUPERVISORS OF MARIPOSA COUNTY, CALIFORNIA,
ADOPTED THIS Order on June 13, 1995

ACTION AND VOTE:

B) Resolution Authorizing the Purchase of a Doppler Wastewater Flow Meter (\$3,003) by Four Special Districts and Transferring Funds for Said Purchase (Yosemite West, Coulterville, Don Pedro and Mariposa Pines)
BOARD ACTION: Discussion was held with Mike Edwards and Clif Price/PWD-Facility Maintenance Manager, concerning request. (M)Balmain, (S)Reilly, Res. 95-270 adopted approving request, with direction given that: 1) those special districts that contribute toward this purchase and then become independent districts would continue to have the same access to the equipment as the dependent districts, or they would be reimbursed their portion, with depreciation taken into account; and 2) if the equipment is used by outside districts, it would be at a rate to be established to compensate for its use as for other districts/Ayes: Reilly, Balmain, Stewart, Parker; Abstained: Taber.

cc: Ken Hawkins, Auditor
Yosemite West Advisory Committee
Coulterville CSA Advisory Board
Don Pedro Advisory Committee
Mariposa Pines Advisory Committee
File

COUNTY OF
MARIPOSA

BUDGET ACTION FORM

DEPT/DIV: Public Works

CONTACT: Michael D. Edwards

DATE: May 31, 1995

PHONE: 966-5356

ACTION REQUESTED: (Check All That Apply)

- Budget appropriation by Board of Supervisors (4/5ths Vote Required): Amending the total amount available in the County Budget, or in any one fund of the budget, or appropriating Reserve for Contingencies;
- Transfer by Board of Supervisors (3/5ths Vote Required): Moving existing appropriation from one budget to another, or between categories within a budget unit;
- Transfer by Administrator: Moving existing appropriations within a single budget category between line items (i.e. services and supplies, etc.);
- Transfer by Auditor: Moving salaries between line items to accommodate variances internal to salaries; OR transfers within the County budget under \$50.00 to accommodate minor variations from the budget.

<u>FUND/DEPT/ACCT NO.</u>	<u>LINE ITEM DESCRIPTION</u>	<u>AMOUNT (FROM)/TO</u>
001-0158-509-0418	Professional Services	\$3,003
001-0158-509-0679	Doppler Flow Meter	\$3,003

Justification: See attached Board item.

Department Head Signature: [Signature] Date: 6/1/95
 Approved By: Res. No. 95-270 Clerk: [Signature] Date: 6-13-95
 Administrator: _____ Date: _____
 Auditor: [Signature] Date: 6-1-95

AUDITOR'S USE ONLY:

Description: _____ Transfer No.: _____
 _____ B.R. No.: _____