DEPARTMENT: Public Works/Yosemite West

RECOMMENDED ACTION AND JUSTIFICATION:

Approve Budget Action transferring $3,000 within the Yosemite West Maintenance District budget to allow for the purchase of a water treatment system to balance the pH level of the water.

Over the past year Public Works staff has received several complaints from Yosemite West property owners concerning the quality of their water. We had previously used an orthophosphate water treatment system which worked well for a while but later seemed to lose its efficacy. We recently sent out a request for qualifications to different firms who have the expertise to analyze and treat water quality problems. The engineering firm of Provost & Pritchard asked what our specific problem was and offered a recommended treatment plan to us at no charge. Their recommendation was to treat the water with a lime contact chamber to bring the pH level into balance.

We contacted four firms requesting a quote on this type of treatment system and received only one response. The proposal was from Central Valley Culligan and the total cost of the system including installation is $12,934 (copy attached). We currently have $10,000 budgeted for a water treatment system, so we need an additional $3,000. We are requesting approval to transfer $3,000 from the utilities line item #0460 (in the water division) to Fixed Assets line #0683 to be able to purchase the needed equipment.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

From time to time the Board approves transfers within budget units that do not increase the overall budget.

ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:

Do not approve the requested action, which would require us to seek other methods of treating the water.

Financial Impact? (X) Yes ( ) No  Current FY Cost: $13,000  Annual Recurring Cost: $0
Budgeted In Current FY? ( ) Yes (X) No ( ) Partially Funded
Amount in Budget:  $10,000
Additional Funding Needed:  $3,000

Source:
Internal Transfer  X
Unanticipated Revenue  4/5’s vote
Transfer Between Funds  4/5’s vote
Contingency  4/5’s vote
( ) General  ( )Other

Revised Dec. 2002
CLERK'S USE ONLY:
Res. No.: 15-13    Ord. No. _____
Vote – Ayes: ___    Noes: ___
    Absent: _____

Approved
( ) 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

COUNTY ADMINISTRATIVE OFFICER:
✓ Requested Action Recommended
( ) No Opinion
Comments:
____________________________________
____________________________________
____________________________________

CAO: ____________________

Revised Dec. 2002
January 13, 2005

ATTN: DENA
Mariposa Public Works
Yosemite Water Company
Mariposa, California

Re: Water Treatment / PH Elevation

Dear Dena:

Thank you for considering Central Valley Culligan to help meet your water treatment needs. I recommend the following treatment to raise the PH in the water and to still get the flow rate you desire:

**HI FLO-3 HC 450-D DUPLEX AUTOMATIC NEUTRALIZER**

- Installation **INCLUDED**
- Sales Tax **INCLUDED**
- Employee Orientation **INCLUDED**
- 2 Inch 3 Way Bypass of Each Unit **INCLUDED**

**$12,934.00**

This system is ideal at achieving the perfect 7.5 PH. This is a “Duplex” system so one unit can be on line while the other is backwashing. Each unit should be backwashed once per month and this can be done automatically, during low usage hours. The backwash process only takes 10-15 minutes.

The equipment is designed to be installed on either 2” or 3” plumbing. Please allow about three to four weeks to order the equipment and schedule an installation. Please call me with any questions you have regarding this proposal. This proposal is good for 90 days.

Sincerely;

Guy Graham
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### Notes:

1. Items shown in broken lines to be furnished by others.
2. An electrical outlet should be provided within 5 feet of the equipment.
3. System uses FRP tanks which must not be subjected to vacuum. Install vacuum breaker on inlet piping and/or standpipe on drain line.

- Allow 24 inches above softener for filling.

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**Diagram: Duplex Installation**

**Diagram: Top View**

**Diagram: HI-FLO™ 3 Automatic Softeners Technical Data Sheet**

©1989, 1999 Culligan International Company  Cat. No. 00-6196-03  Printed in USA (Rev. 11/93)
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**GENERAL CONTINGENCY**

**TRANSFER BETWEEN FUNDS**

TOTAL

3,000 3,000

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

( X ) Transfer by Board of Supervisors (3/5ths Vote Required): Moving existing appropriations from one budget to another, or between categories within a budget unit;

JUSTIFICATION: To allow for the purchase of a water treatment system to balance the pH level.

DEPT HEAD SIGNATURE

DATE 03/17/05

APPROVED BY RES NO.05-118 CLERK

DATE 4-5-05

322 Yosemite West

AUDITOR'S USE ONLY

BA#