

DEPARTMENT: Public Works

By: Michael Edwards

Phone: 966-5356

RECOMMENDED ACTION AND JUSTIFICATION: (Policy Item: Yes___ No_x)

COUNTY WATER AGENCY:

Approve and allocate additional funding (\$140,000) for short-term (two years) costs to comply with new Waste Discharge Requirements and Cease and Desist Order issue by the California Regional Water Quality Control Board (RWQCB) for the Don Pedro Sewer Zone Wastewater Treatment Facility.

The attached summary outlines estimated expenditures necessary for compliance. The Board of Supervisors has been previously copied with the revised adopted Waste Discharge Requirements and the Cease and Desist Order.

These costs are in addition to those identified for long-term rehabilitation/replacement of the sewer system. An updated summary of Water Agency commitments and requests is also attached.

Staff will be available to discuss other options considered. The Water Agency Advisory Board met on Thursday, October 20 to consider this request and their recommendations will be provided.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

On September 7, 1994, during the FY 94/95 Budget Hearings, the County Water Agency was presented with an updated summary of all commitments/requests against Water Agency Funds. The Water Agency acted to approve this fiscal year's requests and agreed in concept to the other requests. These short-term costs for the Don Pedro Sewer Zone were not included, but the Water Agency was made aware of the impending request, depending on the final action by the RWQCB.

On September 16, 1994, the RWQCB adopted the aforementioned requirements. These requirements were reduced to less than full Title 22 requirements through active negotiations by staff and two members of the Board of Supervisors'. Costs would have been substantially higher without this negotiation.

LIST ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:

1. Negative action. Staff will be forced to over-irrigate an existing inadequate spray field. Effluent pond overflows would be likely. Violations of the new discharge standards would occur frequently. The State would seek administrative civil liability penalties (fines) and possibly criminal penalties.
2. No other reasonable alternatives are available in staff's opinion.

COSTS: () Not Applicable

A. Budgeted current FY	\$0
B. Total anticipated costs	\$140,000
C. Required additional funding	\$140,000
D. Internal transfers	\$

SOURCE: () 4/5th Vote Required

A. Unanticipated revenues	\$
B. Reserve for contingencies	\$
C. Source description: <u>County Water Agency</u>	
Balance in Reserve Contingencies,	
if approved: \$	

SPECIAL INSTRUCTIONS:

List the attachments and number the pages consecutively:

1. Summary of short-term costs

2. Proposed disbursement of County Water Agency Funds
(Revised 10/18/94)

CLERK'S USE ONLY

Res. No.: 94-466 Ord. No. _____
Vote - Ayes: 5 Noes: _____
Absent: _____ Abstained: _____
 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: *W*

MARIPOSA COUNTY WATER AGENCY

MINUTE ORDER

TO: MIKE EDWARDS, Public Works Director
FROM: MARGIE WILLIAMS, Clerk of the Board *mw*
SUBJECT: Allocation of Additional Funding (\$140,000)
to Comply with New Waste Discharge Requirements
Resolution Number 94-466

THE BOARD OF SUPERVISORS OF MARIPOSA COUNTY, CALIFORNIA,
ADOPTED THIS Order on October 25, 1994

ACTION AND VOTE:

10:40 a.m. MARIPOSA COUNTY WATER AGENCY
Approve and Allocate Additional Funding (\$140,000) for
Short-Term (Two Years) Costs to Comply with New Waste
Discharge Requirements and Cease and Desist Order Issue by
the California Regional Water Quality Control Board (RWQCB)
for the Don Pedro Sewer Zone Wastewater Treatment Facility
AGENCY ACTION: Discussion was held with Mike Edwards/Public
Works Director, and Clif Price/PWD-Facilities Maintenance
Manager. Mike Edwards advised of the Water Agency Advisory
Board's recommendation to fast-track the long-term process
so that costs for the short-term would only be for one year.
At 11:00 a.m., Chairman opened the public hearings for
planning matters and continued them to after this item.
Following further discussion, (M)Balmain, (S)Erickson, Res.
94-466 adopted approving \$33,000 for the short-term process,
with direction given for Public Works to come back with
further information on the long-term process as soon as
possible/Ayes: Unanimous.

cc: Dr. Mosher, County Health Officer
Ken Hawkins, Auditor
File

SUMMARY

DON PEDRO WASTEWATER TREATMENT PLANT

SHORT-TERM COSTS TO COMPLY WITH NEW

STATE WASTE DISCHARGE REQUIREMENTS/CEASE AND DESIST ORDER

*Ongoing costs have been totalled to include two full years' coverage while permanent rehabilitation of the system is underway.

1. ADDITIONAL MINIMUM MONITORING AND LAB COSTS*

-	Lab	\$1,600	
-	Labor	4,000	
		SUBTOTAL	\$ 5,600

2. EXPANDED OPERATIONAL COSTS*

The revised WDR's demand an increase in attention to the physical and biological operation of the treatment plant to meet the more strict discharge requirements. This translates to the following expenses:

-	Additional Testing Equipment	\$ 1,500	
-	Additional Lab Fees	4,800	
-	Additional Sludge Seeding/Wasting	8,400	
-	Labor	6,000	
-	Enhanced Disinfection	4,200	
		SUBTOTAL	\$ 24,900

3. SYSTEM REPAIRS

-	Pond Cleanup/Repair	\$ 1,500	
-	Disinfection Upgrades	6,500	
-	Smoke Testing	500	
-	Leak Repairs (approx.)	7,000	
-	WWTP Repairs (general)	3,000	
-	Flow Metering Equipment	700	
		SUBTOTAL	\$ 19,200

4. EXPANDED TEMPORARY DISPOSAL SYSTEM

-	Expanded Temporary Irrigation	\$55,000	
-	Emergency Storage Tanks	20,000	
		SUBTOTAL	\$ 75,000

5. SUPPORT SERVICES

-	Engineering	2,500	
-	Administration	1,200	
		SUBTOTAL	\$ <u>3,700</u>

	TOTAL		\$128,400
	10% CONTINGENCY		\$ <u>12,800</u>
	GRAND TOTAL		\$141,200
	SAY		\$140,000

**PROPOSED DISBURSEMENT OF
COUNTY WATER AGENCY FUNDS**

FISCAL YEAR	AMOUNT	PROJECT	EXPLANATION
93-94 BALANCE	\$2,512,672		BEGINNING APPROPRIATION
	(\$250,000)	SAXON CREEK	AMOUNT REMAINING FROM INITIAL CWA \$1.0 MILLION LOAN
93-94 APPROVALS	(\$1,000,000)	SAXON CREEK	ADDITIONAL GRANT PER MPUD REQUEST
	(\$40,000)	DON PEDRO WWTP	HIRE ENGINEER FOR PRELIMINARY DESIGN AND GRANT-LOAN APPLICATIONS (LONG TERM)
	(\$25,000)	MPUD SEPTAGE	PRELIMINARY DESIGN
	(\$10,000)	COULTERVILLE WWTP	DESIGN LINER FOR HOLDING POND - CONSTRUCTION 94-95
	(\$300,000)	MPUD PZ 2 & 3	LOAN - DESIGN, EIR, SITE SELECTION - 1 MIL. GAL. ADD'L STORAGE
93-94 BALANCE	\$887,672		ESTIMATED ENDING BALANCE
94-95 INCOME	\$100,000		ANNUAL PAYMENT FROM MID
	\$50,000		INTEREST EARNINGS
	\$38,000		MPUD LOAN REPAYMENTS
* 94-95 APPROVALS	(\$13,500)	COULTERVILLE PS#1	REIMBURSE COULTERVILLE UTILITY CAPITAL FOR 1/2 OF REHAB COSTS (*INCREASED BY \$1,000 FOR COST OVERRUNS)
	-0-	DON PEDRO WWTP	FINAL DESIGN, LOAN APPLICATIONS USING TOWNHOUSE CONTRIBUTION (LONG TERM)
	(\$120,000)	COULTERVILLE WWTP	CONSTRUCTION OF LINER PROJECT (*INCREASED BY \$30,000 FOR SLUDGE REMOVAL OVERRUNS)
	(\$50,000)	YOSEMITE WEST WWTP	UPGRADE/CORRECT WWTP - PHASE 1 (1/2 OF COST; OTHER 1/2 FROM UTILITY CAPITAL)
	(\$20,000)	MARIPOSA PINES WWTP	FACILITY NEEDS STUDY; PRELIMINARY DESIGN, GRANT APPLICATIONS (\$200,000 ESTIMATED TOTAL COST)
	(\$7,500)	COULTERVILLE PRV'S	UPGRADE/CORRECT PRV STATIONS (1/2 OF COST; OTHER 1/2 FROM UTILITY CAPITAL)
	(\$25,000)	COULTERVILLE WWTP	UPGRADE/CORRECT ELECTRICAL, METER, P.S.#2, WELL
	* (\$9,500)	COULT.IND.DIST.STUDY	TRANSFER TO PLANNING FOR RATE STUDY COSTS (R.C.A.C.)

**PROPOSED DISBURSEMENT OF
COUNTY WATER AGENCY FUNDS**

FISCAL YEAR	AMOUNT	PROJECT	EXPLANATION
	-0-	MPUD - PZ 2 & 3	FINISH DESIGN, START CONSTRUCTION USING PRIOR FUNDING
	(\$10,000)	MPUD SEPTAGE	COMPLETE PRELIMINARY DESIGN & LOAN APPLICATIONS
**EXTRA 94-95 REQUEST	**(\$140,000)	DP WWTP SHORT-TERM	SHORT-TERM COSTS (2 YEARS) TO COMPLY w/WDR'S AND CEASE AND DESIST ORDER WHILE LONG-TERM REHABILITATION IS UNDERWAY
94-95 BALANCE	\$700,172		ESTIMATED ENDING BALANCE
95-96 INCOME			
	\$100,000		ANNUAL PAYMENT FROM MID
	\$25,000		ESTIMATED INTEREST EARNINGS
	\$50,000		MPUD LOAN REPAYMENTS
95-96 ASSUMPTIONS			
ONGOING	(\$43,851)	DON PEDRO WWTP	ANNUAL REPAYMENT OF 2%, 20 YEARS, SRF LOAN OF \$717,000
ONGOING	(\$11,008)	MARIPOSA PINES	ANNUAL REPAYMENT OF 2%, 20 YEARS, SRF LOAN OF \$180,000
	(\$646,000)	MPUD - PZ 2 & 3	LOAN - COMPLETE CONSTRUCTION
95-96 BALANCE	\$154,313		ESTIMATED ENDING BALANCE