

ADJOURNED REGULAR COUNCIL MEETING  
May 28, 1986

EXPANSION WHITE  
SLOUGH WATER  
POLLUTION CONTROL  
PLANT

cc-27(a)  
44  
51(a)

Council was apprised that the City's consulting firm of Black and Veatch has recently completed a Facility, Operations, and Financial Analysis for the needed expansion on the City's White Slough Water Pollution Control Facility. Based on the build-out of residential, industrial and commercial within the existing city limits, an expansion of the treatment facility will be necessary. This study shows that this expansion is needed to be on line by approximately 1990.

David Requa and Jay Buehler of the City's consulting firm of Black and Veatch addressed the Council explaining the expansion needs, possible construction, cost projections, phasing and alternate methods of financing. Mr. Requa recommended the \$8 million expansion project be divided into two phases and financed with 20-year revenue bonds.

Phase I at a cost of \$6 million would update the equipment and enlarge the capacity of the plant from 5.8 million gallons per day to 6.8 mgd. Based on an average growth rate of 2 2/1%, Mr. Requa projected that phase would be adequate until 1998.

For an additional \$2 million, Phase II would increase capacity to 8.4 mgd which would be sufficient until the year 2006.

The following sewer connection and service charge survey was presented:

City	Sewer Connection Fee	Monthly Sewer Service Charge
Fairfield	\$3350	\$8.80
Roseville	2400	9.50**
Chico	1950	3.40
Vacaville	1780	7.70
Modesto	1400	4.75
Woodland	1370	7.00
Manteca	1220*	5.75*
Stockton	780	7.80**
Clovis	740*	4.00*
Yuba City	600	9.95
Redding	550	8.00
Sacramento	510	8.26**
Turlock	450	4.00
Merced	430	7.67
LODI	360	4.24
Tracy	330* (to increase 10 times +)	9.00
Davis	290	5.50
Average (excluding Lodi)	\$1134	\$7.38
Median	\$ 760 (\$1,000 with Tracy increase)	\$7.68
% LODI is BELOW average	215%	74%

Assumptions:

- 3 bedroom house
- Lot size: 60 x 100
- Gross Acres of Lot: 0.18 Ac
- Fees do not include cost of providing sewer lateral

- \* Rates now under revision
- \*\* Includes know 1986 June/July increase

Current and future users of the White Slough facility will be responsible for paying for the expansion because there are no longer state or federal grants available for normal plant expansion.

Under the existing ordinance established in 1977 from State guidelines, according to Mr. Requa, the City could have raised sewer rates and connection fees substantially, but instead it used reserve funds to keep the cost to consumers down. Discussion followed regarding financing methods including sewer connection fees on new development and increasing monthly sewer service charges to the users.

Mayor Reid requested that additional economic analysis be done and requested that a public hearing be scheduled on the matter once Black and Beach have presented their final report. Also, staff was requested to prepare a formal recommendation following receipt of the final report.