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SERVICE PLAN REPORT
FOR THE
ORCHARD MESA
SANITATION DISTRICT

(AS PROPOSED)

MESA COUNTY, COLORADO

JUNE 1973

BY: WESTERN ENGINEERS, INC.
GRAND JUNCTION, COLORADO

SUMMARY OF COSTS

Construction Costs: The total cost of the collection system, including contingencies, engineering, legal and other expenses is estimated to be \$3,030,000.

If an independent sewage disposal plant is required, the cost is estimated to be \$900,000.

Contract Costs: The preliminary cost figures for transmission, treatment, operation and maintenance and billing by the City of Grand Junction are as follows:

Trunk charge payable to City \$100.00/tap (pd. once)
Monthly charge payable to city
for transmission, treatment,
O & M and billing services 3.45/tap / month

REPAYMENT

Source of Construction Funds: Although efforts are being made to secure assistance through governmental agencies, for possible grant and loan assistance, the most likely source of financing is through conventional private channels.

District Revenue: To insure that construction repayment and other expenses can be met and that reasonable reserves can be accumulated, it is estimated that the District should accumulate revenue by making charges approximately as follows:

Tap charges (including payment to city) -
Prior to Construction \$600 each
After Construction \$800 each
Monthly Service Charges (Including \$3.45 to City). \$ 10.00

Treatment Facilities: The City of Grand Junction has proposed to treat sewage for the District, operate and maintain the system and do the billing for the following charges:

Trunk Charge \$100.00 per individual tap
Monthly Charge \$ 3.45

An analysis of the charges proposed by the city was made to determine an alternate cost which could be supported by the same investment. It was determined that an investment of \$900,000 for an independent plant could be justified. Preliminary estimates indicate that this sum would be adequate.

Summary of Capital Costs: As developed above, the total project cost to be repaid is as follows:

Sewer System \$ 3,030,000
Treatment & Transmission 900,000 (1.
TOTAL. \$ 3,930,000

(1.) Only required if City of Grand Junction does not contract for treatment of wastes.

SOURCES OF REVENUE

Tap Fees: An initial tap fee of \$600 for each equivalent residential sewer tap is recommended. Subsequent taps, which are required after construction work is completed, at the site of the tap, should be more. A sum of \$800 is recommended. A sum of \$100 for each tap must be paid to the City of Grand Junction as a "Trunk Charge". This amount is included in the tap fees, as suggested.