

RESOLUTION NO. 82-SW-18

A RESOLUTION SETTING FORTH A PRELIMINARY REVISED  
WASTEWATER AND POLLUTION CONTROL CHARGE SCHEDULE;  
AUTHORIZING A PUBLIC HEARING; PROVIDING AN EFFECTIVE DATE

PREMISES

1. The Board of County Commissioners of Orange County establishes and collects rates, fees and charges for its sewer system pursuant to Chapters 125 and 153, Florida Statutes.

2. As a result of inflation, increased stringency of environmental regulatory requirements, U.S.E.P.A. user charge regulations, and Federal Consent Decree requirements, the Board must review and modify its sewer rates and sewer rate structure.

3. The Board previously authorized a consulting firm, Arthur Young and Associates, to prepare a Final Report on the County's Sewer Cost Determination and Rate-Setting Methodology. The Final Report was submitted on September 16, 1982.

BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ORANGE COUNTY:

Section 1. The Board hereby sets forth a preliminary revised wastewater and pollution control charge schedule, attached hereto and incorporated herein as Exhibit "A." If adopted, the preliminary schedule will replace the current wastewater and pollution control charge schedule and the sewer user rate for Martin Marietta Corporation.

Section 2. The Board also directs that a public hearing be scheduled, pursuant to Section 153.11(3)(a), Florida Statutes, to allow public comment on this preliminary revised wastewater and pollution control charge schedule.

Section 3. Effective Date. This Resolution shall take effect upon adoption.

RESOLVED THIS 5TH DAY OF OCTOBER, 1982.

BOARD OF COUNTY COMMISSIONERS  
OF ORANGE COUNTY

By: *Lo. Treuberg*  
VICE CHAIRMAN

ATTEST:

*Dorothy E. Lambert*  
Asst. Deputy Clerk to the Board of  
County Commissioners

SEWER COST OF SERVICE AND RATE STRUCTURE STUDY  
 Summary of Proposed FY 1982-83 Sewer Rates

A. Monthly Charges

	<u>Current</u>	<u>Proposed</u>
• Minimum Monthly Charge (by water meter size)		
- 5/8 - 3/4 Inch meter	\$4.65 (1)	\$ 7.03
- 1 Inch meter	7.55	15.15
- 1 1/2 Inch meter	7.55	28.67
- 2 Inch meter	7.55	44.90
- 3 Inch meter	7.55	88.18
- 4 Inch meter	7.55	136.87
- 6 Inch meter	7.55	272.12
- 8 Inch meter	7.55	434.42
- 10 Inch meter	7.55	677.87
• Volume Charge	\$1.45 per 1000 gallons (2)	\$ 1.57 per 1000 gallons(3)
• Flat Rate (Sewer Only) Customers		
- Residential	(See Exhibit F-2)	
Single Family Home		\$ 22.92
Duplex (1 or 2 bedrooms)		19.37
Duplex (3 or more bedrooms)		22.92
Multi-Family (1 or 2 bedrooms)		19.37
Multi-Family (3 or more bedrooms)		22.92
Mobile Home (1 or 2 bedrooms)		15.82
Mobile Home (3 or more bedrooms)		19.37
- Nonresidential	(See Exhibit F-2)	\$ 1.62 customer charge per account plus volume charge of \$2.13 per 1,000 gallons based upon equivalent residential unit (ERU) factors in Exhibit B-4.
• Martin Marietta Treatment Charge	\$ .78 per 1,000 gallons	\$ 1.74 per 1,000 gallons.
• High Strength Surcharges		
BOD (biochemical oxygen demand)	None	\$ 32.50/100 lbs. (for amounts in excess of 300 mg./l)
SS (suspended solids)	None	28.49/100 lbs. (for amounts in excess of 300 mg./l)
Phosphorus	None	200.50/100 lbs. (for amounts in excess of 10 mg./l)

(Continued)

ORANGE COUNTY, FLORIDA  
SEWER COST OF SERVICE AND RATE STRUCTURE STUDY  
Summary of Proposed FY 1982-83 Sewer Rates  
(Continued)

B. Specific Service Charges	<u>Current</u>	<u>Proposed</u>
1. Initiate Service		
Regular Business Hours	\$10.50	\$ 11.50
Non-Business Hours	\$24.00	\$ 26.00
2. Non-Sufficient Funds Charge	\$ 6.00	\$ 6.00
3. Connection Fees	\$600 per equivalent residential unit	\$600 per equivalent residential unit ERU Factors as shown in Exhibit B-4.
4. Environmental Conservation Fee	\$1000 per equivalent residential unit	\$1000 per equivalent residential unit as shown in Exhibit B-4.
5. Reserved Capacity Fee (Annual Permit)	None	\$ 64.92 per equivalent residential unit as shown in Exhibit B-4.
6. Septage Disposal Charge	\$1.50/thousand gallons	\$ 5.01/100 gallons
7. Industrial Monitoring Charge	None	Methodology for developing charge presented in Exhibit B-7.
8. Sewer Service Restore Charge	\$125.00	Time and material plus overhead.
9. Unauthorized Connection Penalty	None	\$100 per connection (water or sewer).

(1) Current minimum charge consists of an administrative charge of \$1.75 per account plus a minimum volume of 2,000 or 4,000 gallons depending on the customer. The minimum charges illustrated show a minimum charge for the single family class (5/8 - 3/4 inch meter and 2,000 gallon minimum) and a 4,000 gallon minimum for all meter sizes 1 inch and greater.

(2) There are maximum sewage discharge allowances for the following classes of customers:

- Residential, Single Family.....15,000 gallons
- Multiple Residential, 2-4 units.....25,000 gallons
- Mobile Homes, Industrial Service.....15,000 gallons

Under the proposed rate structure, the maximum sewage discharge allowance for single family residences and mobile homes would decrease to 14,000 gallons.

(3) All proposed minimum charges include no minimum discharge allowance.

ORANGE COUNTY, FLORIDA  
SEWER COST OF SERVICE AND RATE STRUCTURE STUDY  
DETERMINATION OF SEWER CONNECTION (IMPACT) FEE  
AND ENVIRONMENTAL CONSERVATION FEE

SEWER CONNECTION (IMPACT) FEE AND ENVIRONMENTAL CONSERVATION FEE:

Boyer-Singleton, Inc., Consulting engineer for the County, has developed a revised connection fee and environmental conservation fee.

They are as follows:

	<u>Per Equivalent Residential Unit</u>
Connection (Impact) fee	\$ 600.00
Environmental Conservation Fee	<u>1,000.00</u>
Total	<u>\$1,600.00</u>

Revised equivalent residential unit (ERU) factors for determining connection fees are reproduced below.

<u>Establishment</u>	<u>Unit</u>	<u>ERU Factor</u>
Residential		
Single Family Home	Per Unit	1.000
Duplex (1 or 2 Bedrooms)	Per Unit	0.833
Duplex (3 or more Bedrooms)	Per Unit	1.000
Multi-Family (1 or 2 Bedrooms)	Per Unit	0.833
Multi-Family (3 or more Bedrooms)	Per Unit	1.000
Mobile Home (1 or 2 Bedrooms)	Per Unit	0.667
Mobile Home (3 or more Bedrooms)	Per Unit	0.833
Commercial		
Auditorium	Seat	0.017
Barber/Beauty Shop	Opr. Sta.	0.300
Bowling Alley	Lane	0.333
Food Service		
Restaurant/Cafeteria	Seat	0.100
Restaurant (24 Hours)	Seat	0.167
Restaurant ("Fast Food")	Seat	0.050
Bar/Cocktail Lounge	Seat	0.067
Hotel, Motel (not incl. food service)	Room	0.500

ORANGE COUNTY, FLORIDA  
 A COST OF SERVICE AND RATE STRUCTURE STUDY  
 DETERMINATION OF SEWER CONNECTION (IMPACT) FEE  
 AND ENVIRONMENTAL CONSERVATION FEE

Building (Not incl. Food Svc.) (Not incl. Industrial Waste)		
Showers	Employee	0.050
Washers	Employee	0.117
Service	Machine	1.333
Hotel)		
Building	100 Sq. Ft. Gross	0.067
Sanitation	Per Bay	1.000
	Per Wash Bay	3.200
	Per Toilet Rm.	1.000
	Seat	0.017
Garage (Overnight)	Space	0.333
Office	Per Dentist	0.833
	Per Wet Chair	0.667
Office	Per Doctor	0.833
	Per Seat	0.017
	Per Bed	0.833
Home	Per Bed	0.417
	Per Student	0.067
School	Per Student	0.067

Total ERU Factor" for an establishment shall be calculated by multiplying the ERU Factor (listed above) by the number of

All establishments not listed above, the Total ERU Factor shall be determined from the number of fixture units, as published in the Southern Plumbing Code, multiplied by 25 gpd/fixture unit, divided by 300 gpd/ERU.

$$\text{ERU Factor} = \frac{\# \text{ Fixture Units} \times 25}{300}$$

3. Fee shall be calculated by multiplying the Total ERU Factor by the applicable ERU fee.
4. If an applicant for sewer connection within any of the above categories can demonstrate, to the satisfaction of the Director of Public Utilities, that actual sewage usage will be less than eighty percent (80%) of the Equivalent Residential Unit usage assigned to such establishment as set forth above, then the Director of Public Utilities may determine, based on actual usage, anticipated usage, peak load requirements, or any combination of the foregoing using accepted engineering standards, a different or lesser Equivalent Residential Unit value.
5. In no case shall the Total ERU Factor for an establishment be less than 1.000.