

# Typical Sewer Use Ordinance Requirements Based on Equivalent Dwelling Units

## RESOLUTION PROVIDING FOR USER CHARGE SYSTEM

WHEREAS, the \_\_\_\_\_ has entered into a service agreement with the Cape May County Municipal Utilities Authority (CMCMUA) in order to have the \_\_\_\_\_'s wastewaters treated by the CMCMUA at one of its regional treatment facilities; and

WHEREAS, in accordance with said service agreement, the \_\_\_\_\_ is required to adopt a system of user charges that is in compliance with the requirements of the United States Environmental Protection Agency and the New Jersey Department of Environmental Protection;

NOW, THEREFORE, BE IT RESOLVED by the \_\_\_\_\_ as follows:

1. The User Charge imposed by the \_\_\_\_\_ for distribution of the cost of sewer service provided by the CMCMUA shall be based initially on estimated use and, subsequently, on actual use, of the CMCMUA's sewerage system and each user or class of users shall pay their proportionate share of operation and maintenance (including replacement) costs of the CMCMUA's regional system. The \_\_\_\_\_ hereby agrees to adopt the "Schedule of Equivalent Dwelling Units, \_\_\_\_\_", as setting forth the distribution of costs among user classes. A copy of this schedule is attached hereto and made a part hereof.

Where applicable, the said charges shall be based on such factors as wastewater strength, volume and delivery flow rate characteristics.

The \_\_\_\_\_ hereby agrees to adopt a user surcharge provision in order to recover the operation, maintenance and replacement costs for the CMCMUA's regional sewerage system from users that discharge sewage with high concentrations of biochemical oxygen demand (BOD) and/or suspended solids (SS). A copy of the proposed "User Surcharge Provision" is attached hereto and made a part hereof.

2. For the first year of operation, a budget for the operation and maintenance (including replacement) costs, will be established prior to commencement of operations based on the cost of similar treatment works facilities and after public hearing thereon by the CMCMUA as provided in the Service Agreement between the Cape May County Municipal Utilities Authority and the \_\_\_\_\_.

3. The CMCMUA shall review not less often than every two years the total cost of operation and maintenance of its regional sewerage system and the \_\_\_\_\_ shall review not less often than every two years the wastewater contribution of users or user classes and its approved user charge system. The \_\_\_\_\_ shall revise the charges for users or user classes to accomplish the following:

- a. Maintain the proportionate distribution of the CMCMUA's operation and maintenance costs among users and user classes as required;
- b. Generate sufficient revenue to pay the total operation and maintenance costs necessary for the proper operation and maintenance (including replacement) of the CMCMUA's regional treatment works; and

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c. Apply excess revenues collected from a class of users to the costs of operation and maintenance attributable to that class of users for the next year and adjust the rate accordingly.

4. The above said User Charge System established by the \_\_\_\_\_ shall provide that each user which discharges any toxic pollutants which cause an increase in the cost of managing the effluent or the sludge of the CCMUA's treatment works shall pay for such increased costs; provided, however, that such toxic pollutants are not prohibited by sewer use regulations/ordinances adopted by either the CCMUA or the \_\_\_\_\_.

5. The above said User Charge System established by the \_\_\_\_\_ shall provide that the costs of operation and maintenance for all flow not directly attributable to users (i.e. infiltration/inflow entering the \_\_\_\_\_'s local collection system) be distributed among all of its users of the CCMUA's regional treatment works system in the same manner that it distributes the costs of the CCMUA's operation and maintenance among users (or user classes).

6. The above said User Charge System established by the \_\_\_\_\_ shall provide that each user be notified, at least annually, in conjunction with a regular bill, of the rate and that portion of the user charges which are attributable to the CCMUA's regional wastewater treatment services.

7. Any resolutions or agreements which are inconsistent with the provisions of this resolution and the provisions of the final User Charge System adopted in accordance with this resolution are superseded to the extent of their inconsistency.

8. The \_\_\_\_\_ will adopt such modifications to its User Charge System for the equitable distribution of costs attributable to the CCMUA's regional sewerage service as are required by the United States Environmental Protection Agency and/or the New Jersey Department of Environmental Protection.

9. The adoption of a User Charge System by the \_\_\_\_\_ for the purpose of equitably distributing the cost of sewer service provided by the CCMUA as set forth in this resolution is contingent upon the CCMUA's receipt of Federal grant funds to aid in the construction of the CCMUA's proposed regional sewerage facilities to service the \_\_\_\_\_.

10. The governing body of \_\_\_\_\_ will promptly adopt an ordinance or ordinances to effectuate the above policies and the intent of this resolution.

PASSED: \_\_\_\_\_

S A M P L E

SCHEDULE OF  
EQUIVALENT DWELLING UNITS

<u>TYPE OF USER</u>	<u>NUMBER OF EQUIVALENT DWELLING UNITS</u>
A. Apartment House (per unit)	1.0
B. Automobile Service Garage	2.0
C. Boarding House per rental room	.5
D. Campground and trailer park	.35
E. Car Wash (per bay)	2.0
F. Hospitals (per bed)	
With in-house laundry service	.5
With outside laundry service	.3
G. Laundromat (per washer)	.30
H. Marina 0 to 10 slips	5.0
Each additional slip	.2
I. Mobile Home (per unit)	1.0
J. Motel/Hotel (per unit)	.65
K. Nursing Home (per bed)	
With in-house laundry service	.5
With outside laundry service	.3
L. Office 0 to 6 employees	1.0
Each additional employee	.25
M. Restaurant/Bar 0 to 10 seats	5.0
Each additional seat	.1
N. Single Family Dwelling	1.0
O. Store 0 to 6 employees	1.0
Each employee thereafter	.25

## USER SURCHARGE PROVISION

In order to recover operation, maintenance and replacement costs from users that discharge sewage with high concentrations of BOD and suspended solids or which have high peak flows, a surcharge will be assessed to those contributors that exceed the allowable limits set forth below. This surcharge would be determined based on the following formula:

$$Cs = ((B-350) (Bc) + (S-300) (Sc)) Vu K$$

where:

Cs = a surcharge for wastewaters of excessive strength

Vu = Average volume contribution from a user per day, expressed as million gallon per day (MGD).

Bc = OM&R cost for treatment of a unit of biochemical oxygen demand (BOD).

B = Concentration of BOD from a user (Note: wastewater BOD concentrations below a base level of 350 mg/l will not be assessed a surcharge).

Sc = OM&R cost for treatment of a unit of suspended solids (SS).

S = Concentration of SS from a user (Note: wastewater SS concentrations below a base level of 300 mg/l will not be assessed a surcharge).

K = Constant, 8.34.

The above surcharge formula will be utilized for billing only when loading characteristics exceed the values as indicated.