

Typical Sewer Use
Ordinance Requirements
Based on Water Usage

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 systems. The proportioning of said charges to each user or user class shall be based upon water usage records as measured by meters recorded periodically for each user. Where applicable, said charges shall also be based on such factors as wastewater strength 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 suspended solids (SS) or which have high peak flows. 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
- 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 CMCMUA'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 CMCMUA 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 _____ local collection system) be distributed among all of its users of the CMCMUA's regional treatment works system in the same manner that it distributes the costs of the CMCMUA'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 CMCMUA'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 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 CMCMUA as set forth in this resolution is contingent upon the CMCMUA's receipt of Federal grant funds to aid in the construction of the CMCMUA'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: _____

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.