
ITEM 1011 - APPLICATION OF THE SEWERAGE SURCHARGE

Section 1011.01 Strength Surcharge

In addition to the sewer service charge, every person, firm or corporation whose premises are served by a sewer connection which discharges sanitary sewage, industrial wastes, water or other liquids, either directly or indirectly, into a sewerage system under the jurisdiction of the Board, which sewage strength is in excess of that assigned to the user's classification, shall be charged and shall pay a surcharge for extra strength waste.

The basis of the strength surcharge shall be determined by either or both of the following factors:

- A. Total Suspended Solids.
- B. BOD 5 Days at 20 degrees Centigrade.

When either or both the Total Suspended Solids and the BOD of a water or waste accepted for admission to the system exceed the values of their assigned strengths, the excess concentration in either or both, as the case may be, shall be subject to a surcharge as follows:

- A. Pounds of excess Suspended Solids per day x rate per pound = SS surcharge per day.
- B. Pounds of excess BOD per day x rate per pound = BOD surcharge per day.

The pounds of BOD per day and/or pounds of suspended solids per day, above the assigned concentration for each user class that are discharged to the Sewerage System, shall be determined by the Sanitary Engineer on a continuing basis as required.

The strength surcharge rate shall be as follows:

Dischargers to Streetsboro Sanitary Sewer District No. 4:

- A. Excess Total Suspended Solids \$0.21 per pound.
- B. Excess Biological Oxygen Demand \$0.33 per pound.

Dischargers to Portage County Regional Sewer District:

- A. Excess Total Suspended Solids \$0.38 per pound.

B. Excess Biological Oxygen Demand \$0.36 per pound.

The Sanitary Engineer has the authority to change the schedule of strengths assigned to the various classifications at any time.

Section 1011.02 Industrial Waste Questionnaire

Each such person, firm or corporation shall complete and file with the Sanitary Engineer an industrial waste questionnaire containing pertinent information of the quantity of flow and a chemical analysis of the wastes to be discharged before said discharge begins.

Section 1011.03 Sampling And Measuring Chamber

When required by the Sanitary Engineer, the owner of any property discharging such wastes shall install a suitable chamber or chambers in the building sewer to permit observation, sampling and measurement of the combined wastes from his premises. Such chamber shall be constructed in accordance with approved plans, shall be installed by the owner at his expense and shall be maintained by him so as to be safe and accessible at all times.

Section 1011.04 Method Of Analyses

All measurements, tests and analyses of the characteristics of such waste shall be determined in accordance with the latest edition of "Standard Methods For The Examination Of Water And Sewage", as prepared, approved and published jointly by the American Public Health Association, the American Water Works Association and the Water Pollution Control Federation.

Section 1011.05 Determination Of Strength Of Wastes

The strength of the wastes shall be determined from samples taken at the aforementioned chamber at any period or time and of such duration and in such manner as the Sanitary Engineer may elect or at any place mutually agreed upon between the owner and the Sanitary Engineer. The results of routine sampling and analysis by the owner may also be used in determining the amount of the surcharge after verification by the Sanitary Engineer.

The strength so found by analysis shall be used in determining the amount of the surcharge. The surcharge shall be applied to the total water consumption less that portion exempted by order of the Sanitary Engineer and shall be based on the average strength of all wastes discharged to the sewerage system.

Section 1011.06 Cost Of Operation, Sampling Manholes

The County will assume the cost of operation of not more than two gauging and sampling manholes or points of discharge and the necessary analytical work involved. The work time of the Sanitary Engineering Department personnel engaged in the field operations and laboratory work shall not exceed a five day, 40 hour week.

In the event more than two gauging and sampling manholes or points of discharge are necessary, the additional costs of the installations of measurement devices to be used and the cost of the personnel required for operations of the manholes or sampling points and the subsequent laboratory work involved, shall be borne by the owners of the property.

Where a plant or premises discharges its effluent to a manhole or manholes, used as gauging and sampling points and the effluent is of such volume and duration that installation of hydraulic equipment cannot be made until the plant or premises ceases its operation, by week-end closedown, the cost of making the installation, involving overtime pay, shall be borne by the plant or premises. If the plant or premises elects to make the hydraulic installation with their own personnel, the installation shall be made in a manner approved by the Sanitary Engineer.

In the event that a period of excess of a standard five day, 40 hour week is required for Sanitary Engineering Department personnel to properly gage, sample and analyze the discharged effluent, the extra cost shall be borne by the owner of the property.

Section 1011.07 Right To Conduct Gauging And Sampling Operation

The Sanitary Engineer shall have the right to enter and set up, on company property, such devices as are necessary to conduct a gauging and sampling operation and to begin such operation without advance notice to the company. While performing the work, the Sanitary Engineer will observe all safety rules applicable to the premises established by the company.

Where a company or premises has security measures in force which require proper identification and clearance before entry into said company or premises is granted, such company or premises shall either make the necessary arrangements with their security guards that upon showing proper identification, personnel from the Sanitary Engineering Department will be permitted to enter, without delays for the purpose of obtaining grab samples of wastes being discharged at the various sampling points, or the company or premises shall install suitable gauging and sampling manholes outside the security limits which manholes will at all times be immediately accessible to Sanitary Engineering Department personnel.

Section 1011.08 Disagreement With Analyses

If a person, firm or corporation disagrees with the analysis on which the sewerage surcharge is based, he or it may request in writing, an additional sampling and analysis which shall be conducted in a manner acceptable to the Sanitary Engineer. The cost of such additional sampling and analysis shall be borne in full by the requestor.

Section 1011.09 Requested Analyses Not Furnished

In the event an analysis of the waste is not furnished to the Sanitary Engineer when requested, the sewerage surcharge shall be based on a chemical analysis of a similar process or other data acceptable to the Sanitary Engineer and shall continue in effect until such time as an analysis of the wastes is submitted by the company and confirmed by the Sanitary Engineer.

Section 1011.10 Clear Water Discharges

Where certain types of business and industrial users discharge clear water, not contaminated as the usual sewage entering the system, if such uses shall install and have in operation equipment to dispose of or divert said water from entering the system they shall be exempt from payment of sewerage service charges for the water so disposed of or diverted. When the equipment is installed and in operation, the owner shall install a meter or meters at his expense to measure the amount of water so disposed of or diverted.

Section 1011.11 Sanitary Engineer May Determine Waste Discharge

If the Sanitary Engineer finds that it is not practicable to measure such waste by meters, he shall determine the waste in any manner or method as he may find practicable, in order to arrive at the percentage of metered water entering the sewerage system and the quantity of water used to determine the sewerage service charge shall be that percentage so determined.

Section 1011.12 Damaging Wastes Prohibited

In cases where the character of sewage or industrial waste from any manufacturing or industrial plant, building or premises is such that it will damage the sewerage system or cannot be treated satisfactorily in this sewerage system, the Sanitary Engineer has and shall use, the authority to compel such user to dispose of such waste and prevent it from entering the system.

In cases where the character of the sewage or industrial waste from any manufacturing or industrial plant, building or premises is such that it imposes an unreasonable burden upon said sewerage system greater than that imposed by the normal sewage entering said sewerage system, the Sanitary Engineer may, if he deems advisable, compel such manufacturing or industrial plant, building or premises to pretreat such sewage in such manner as he shall specify before discharging such sewage into the sewerage system.

If such pretreatment is not so ordered or accomplished, the Sanitary Engineer shall recommend to the Board the levying of a surcharge which shall be in addition to the regular charge, the Board thereupon by resolution may fix the amount of the surcharge.

Section 1011.13 Right To Appeal

If the findings, order or decision of the Sanitary Engineer made in pursuance of this provision of these Rules And Regulations are not acceptable to any industry, such industry shall have the right to appeal as follows.

RULES AND REGULATIONS GOVERNING THE CONSTRUCTION, MAINTENANCE, OPERATION, USE AND PROTECTION OF SANITARY SEWER SYSTEMS AND THE WATERWORKS SYSTEMS IN THE PORTAGE COUNTY REGIONAL SEWER DISTRICT AND STREETSBORO REGIONAL SEWER DISTRICT NO. 4

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Two Professional Engineers shall be chosen, one by the industry and the other by the Board, neither of who shall be a regular employee of either principal. Such persons shall act as referees. As soon as such referees are chosen, the Sanitary Engineer shall file with them a certified copy of the complaint and the decision of the Sanitary Engineer and it shall be the duty of such referees to investigate the complaint and to agree either to affirm or reject the findings of the Sanitary Engineer and file a report with the Board within a reasonable time, setting down their decision. If the referees so chosen are unable to agree, they shall choose a third Professional Engineer and the decision or recommendation of the majority shall be reported to the Board. The decision or ruling of the Board shall be final and shall be reported to the industry and to the Sanitary Engineer.

The fees and expense of the referee appointed by the industry shall be paid by the industry and the fees and expenses of the referee appointed by the Board shall be paid from funds appropriated by the Board for such purposes, from the surcharge collections. The fees and expenses of the third referee shall be equally divided between the industry and the Board.

Section 1011.14 Special Agreements

No statement contained herein shall be construed as preventing any special agreement or arrangement between the Sanitary Engineer and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the Sanitary Engineer for treatment subject to the payment thereto by the industrial concern.

Section 1011.98 Expiration of Fees and Charges

The rates established in Item 1011 – Application of The Sewerage Surcharge shall remain in full force and effect until the Board of Commissioners, modifies or deletes said rate.

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