

303 General Sewer Regulations.

- (1) **Unauthorized Connections.** No unauthorized person shall uncover, make any connection with or opening into, use, alter, or disturb any public sewer or appurtenance without first obtaining a permit from the Water and Sewer Department and otherwise complying with the provisions of this section. No person shall willfully injure or destroy or attempt to injure or destroy any public sanitary or storm sewer or any appurtenance thereof, nor shall molest any such sewer or appurtenance or any part thereof by removing the cover of any culvert, flush tank, manhole or other part of said public sewer system without authority so to do.
- (2) **Permit and Bond.** A permit for construction of the extension between a building drain and the sewer main stub, herein called the building sewer, and for connecting it to the sewer main stub shall be issued only to a master plumber who has furnished a performance bond in the amount of \$2,000 or such other amount as the Council may set by resolution from time to time, conditioned so as to secure compliance by the principal with the provisions of this Code and to further secure the principal's performance of all work undertaken within the City.
- (3) **Liability Insurance.** Before undertaking the construction work authorized by the permit, the plumber shall secure and maintain a policy of insurance against damages to property or injury or death to persons. The policy shall indemnify and save harmless the City and its personnel against any claim, damages, or cause of action arising out of the work and from any expenses of defending the same. The property damage insurance coverage shall be in the amount of at least \$50,000.00 and the public liability damage for injury or death shall be in the amount of at least \$100,000.00 or such other amounts as the City Council may set by resolution from time to time. Proof of such insurance shall be filed with the City prior to construction work and such policy shall provide that the City shall be notified immediately of any termination or modification of such insurance. If the insurance coverage be inadequate in amount, the master plumber shall indemnify and save harmless the City and its personnel in like manner.
- (4) **Indemnification By Owner.** The owner shall bear the costs and expenses incident to the installation and connection of the building sewer. The owner shall indemnify the City for any loss or damage directly or indirectly caused by its installation. To the extent it deems necessary, the City Council shall establish rules and regulations for the proper implementation of these requirements which, when approved by the Council by resolution, shall govern the installation of building sewers and connections.

- (5) **Facility.** The facility constructed for the purpose of making connection to the municipal sanitary sewer shall be constructed of vitrified Clay Sewer Pipe, Extra Heavy Cast Iron Soil Pipe PVC SDR 35 or ABS-Sch 35 all meeting the current A.S.T.M. specifications. If installed in filled or unstable ground, the facility shall be of cast iron suitable improved bed or cradle as approved by the City Sewer Inspector. Extra Heavy Cast Iron Soil Pipe shall be used when the Sewer line is laid within ten (10) feet from any potable water supply or line.
- (6) **Joints.** The joints for all sewer pipe shall be air tight to 2 psi. The City may request air testing at the owner's expense.
- (7) **Size and Slope.** The size and slope of said facility shall be subject to the approval of the City Sewer Inspector, but in no event shall the diameter be less than four (4) inches. The slope of such four (4) inch pipe shall not be less than one-eighth (1/8) inch per foot. A slope of one-fourth (1/4) inch per foot shall be used wherever practical.
- (8) **Elevation.** Whenever possible, said facility shall be brought to the building at an elevation below the basement floor. The depth shall be sufficient to afford protection from frost. All excavations required for the installation of said facility shall be open trench work unless otherwise approved by the Sewer Inspector. Pipe laying and backfill shall be performed in accordance with A.S.T.M. pertaining to that material.
- (9) **Artificial Lifts.** In all buildings in which any building drain is too low to permit gravity flow to the public sewer, sanitary sewage carried by such drains shall be lifted by approved artificial means and discharged to the building sewer. No water operated sewage ejector shall be used.
- (10) **Connection To Public Sewer.** The connection of the building sewer into the public sewer shall be made at the "Y" branch designated for that property, if such branch is available at the suitable location. Any connection not made at the designated "Y" branch in the main sewer, shall be made only with approval of the City Council.
- (11) **Ventilation.** Adequate sewer ventilation, subject to the approval of the City Sewer Inspector, shall be provided in all structures connected to the municipal sanitary sewer.
- (12) **Excavation.** All excavations for building sewer installation shall be adequately guarded with barricades and lights and all precautions taken as required by law so as to protect the public from hazard.

- (13) **Restoration.** Streets, sidewalks, parkways and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the City.
- (14) **Liquid Waste.** Grease, oil and sand interceptors shall be provided when necessary for the proper handling of liquid wastes containing grease in excessive amounts or any inflammable wastes, sand and other harmful ingredients; except that such interceptors shall not be required for private living quarters or dwelling units. All such interceptors shall be of a type and capacity approved by the City Engineer, and shall be located so as to be readily and easily accessible for cleaning and inspection.
- (15) **Interceptors; Construction.** Grease and oil interceptors shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature. They shall be of substantial construction, water-tight and equipped with easily removable covers which when bolted in place shall be gas-tight and water-tight.
- (16) **Interceptors; Maintenance.** Where installed, all grease, oil and sand interceptors shall be maintained by the owner, at the owner's expense, in continuously efficient operation at all times.
- (17) **Private Sewage Disposal Facilities; Abandonment.** Upon connection of a facility, any septic tanks, cesspools and similar private sewage disposal facilities shall be abandoned and filled with suitable material. Contents of septic tanks, cesspools, distribution tanks or any similar tanks must be pumped out and hauled away by proper tank trucks; the contents of said septic tanks shall not be emptied into the municipal sanitary sewer
- (18) **Sewer Inspection.** A Sewer Inspector shall be appointed by the Council. It shall be the duty of the Inspector to inspect a facility constructed for the purpose of making connection to the municipal sanitary sewer before the excavation therefore is backfilled to determine whether the facility is constructed in conformity with this Code. In the event the Inspector determines that the facility is not so constructed, the Inspector shall prohibit the connection of the facility to the municipal sanitary sewer until such time as alterations necessary to assure conformity are made. The connection of the facility to the municipal sanitary sewer shall be made under the supervision of the Inspector or the Inspector's deputy. Reasonable notice shall be given to the Inspector prior to backfilling of the excavation for the facility and its connection.
- (A) **Inspection Fee.** An inspection fee to be determined by action of the City Council from time to time shall be charged for each inspection made under the provisions of Section 303.

- (B) **Authorized Entry.** After the connection is made, the Inspector and other authorized employees of the City bearing proper identification and credentials shall be permitted to enter all properties for the purpose of inspection, observation, measurement, sampling and testing in accordance with the provisions of Section 303.

(19) **Use of Municipal Sanitary Sewer; Sump Pumps Prohibited**

- (A) **Unpolluted Drainage; General.** No person may discharge or cause to be discharged directly or indirectly into the sanitary sewer system any storm water, surface water, ground water, cooling water, roof runoff, or subsurface drainage. No rain spout or other form of surface drainage and no foundation drainage may be connected with any sanitary sewer.
- (B) **Disconnection Required.** Any person having a roof drain, sump pump, swimming pool discharge, cistern overflow pipe or surface drain connected to and/or discharging into the sanitary sewer must disconnect and remove all piping or other system conveying such water to the sanitary sewer system. Any disconnects or openings in the sanitary sewer must be closed and repaired in compliance with applicable codes.
- (C) **Sump Pump Discharge; Requirements.** All sump pumps must have a discharge pipe installed to the outside wall of the building. The pipe attachment must be a rigid permanent-type pipe such as PVC, copper or galvanized. The discharge must extend at least three (3) feet outside of the foundation and may not be pumped directly or indirectly onto public right-of-way unless approved in advance by the City
- (D) **Compliance; Inspection.** Authorized City employees or agents will confirm compliance by inspection as authorized in Section 303 (20). The owner of any property found to be in violation of any provision of this ordinance must make the necessary changes to comply within thirty (30) days of the inspection and compliance will be verified by re-inspection.
- (E) **Violations; Surcharge.** A surcharge of \$100.00 per month is hereby imposed and will be added to every utility billing for properties not in compliance with Section 303 (19) upon expiration of the thirty (30) day notice period specified in Section 303 (19) (D). The monthly surcharge will be added to every utility billing until the property is in compliance. If, after six months of surcharges for non-compliance, any property is still found to be in

violation of this ordinance, the surcharge will increase to \$300 per month.

- (F) **Violations: Special Assessment.** The imposition of the surcharge will not limit the right of the City to seek an injunction in District Court ordering the owner to disconnect or otherwise comply with this ordinance or from pursuing any other legal remedies available; or in the alternative, the City may correct the violation and certify the costs of correction as a special assessment against the property on which the correction was made.
- (G) **Waiver; In General.** The City Council may hear and decide requests for waivers from the provisions of Section 303 (19) where strict enforcement would cause undue hardship because of circumstances unique to the individual property under consideration. Any request for waiver must be submitted to the City Clerk in writing.
- (H) **Waiver; Additional Fee.** Upon approval of a waiver of compliance with provisions of Section 303 (19), the property owner must agree to pay an additional fee for sanitary sewer services based on the number of gallons discharged into the sanitary sewer system as estimated by the City.
- (20) **Use of Municipal Sanitary Sewer; Waste And Other Prohibited Discharge**
- (A) **Prohibited Discharge.** No person may discharge or permit to be discharged into any city sewer any of the following wastes:
- (i) Any liquid or vapor having a temperature higher than 150 degrees Fahrenheit;
 - (ii) Any water or waste having a five-day biological oxygen demand exceeding 1,000 parts per million by weight as averaged during any 12-month period;
 - (iii) Any gasoline, benzene, naphtha, fuel oil or other flammable or explosive liquid, solid, or gas;
 - (iv) Any garbage that has not been properly shredded;
 - (v) Any ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, manure, grit, brick, cement, or other solid or viscous matter capable of obstructing the flow in sewers or otherwise interfere with

the proper operation of the sewers or sewage treatment plant;

- (vi) Any water or waste having a pH lower than 5.5 or higher than 9.0 or having any other corrosive property capable of causing damage or hazard to structures, equipment, or personnel of the sewage works;
 - (vii) Any water or waste containing a toxic or poisonous substance, whether or not listed as a hazardous waste by any State statute or Rule, in sufficient quantities to constitute a hazard to humans or animals, injure or interfere with sewage treatment, or create any hazard in the receiving waters of the sewage treatment plant;
 - (viii) Any noxious or malodorous gas or substance capable of creating a public nuisance.
- (B) **Discharge Requiring Council Review and Approval.** The admission into the municipal sewer of any water or wastes having (1) a 5-day Biochemical Oxygen Demand B.O.D. greater than 500 parts per million by weight, or (2) containing more than 500 parts per million by weight of suspended solids, or (3) containing any quantity of substances having the characteristics described in Section 308(9), or (4) having an average daily flow greater than two percent (2%) of the average daily sewage flow of the municipal sewer system shall be subject to the review and approval of the City Council. B.O.D. shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at 20 degrees centigrade expressed in parts per million by weight.
- (i) **Preliminary Treatment Required.** The owner shall provide, at the owner's expense, such preliminary treatment as may be necessary to (1) reduce the B.O.D. to 500 parts per million and the suspended solids to 500 parts per million by weight, or (2) reduce objectionable characteristics or constitutes to within the maximum limits provided for in the preceding paragraph, or (3) control the quantities and rates of discharge of such waters or wastes. Plans, specifications and any other pertinent information relating to proposed preliminary treatment facilities shall be submitted for the approval of the City Council and of the Water Pollution Control Commission of Minnesota, and no construction of

such facilities shall be commenced until said approvals are obtained in writing.

- (ii) **Preliminary Treatment Facilities; Maintenance.** Where preliminary treatment facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at the owner's expense.

- (C) **Industrial Wastes.** The owner of any property served by a building sewer carrying industrial wastes shall install a suitable control manhole in the building sewer to facilitate observation, sampling and measurement of the wastes. Such manhole, when required, shall be accessible and safely located, and shall be constructed in accordance with plans approved by the Sewer Inspector. The manhole shall be installed by the owner at the owner's expense and shall be maintained by the owner so as to be safe and accessible at all times.

- (D) **Measurements, Tests, Analysis.** All measurements, tests and analysis of the characteristics of waters and wastes to which reference is made shall be determined in accordance with methods employed by the Minnesota Department of Health, and shall be determined at the control manhole specified in Section 303 (20) (C) or upon suitable samples taken at said control manhole. In the event that no special manhole has been required, the control shall be considered to be the nearest downstream manhole in the municipal sanitary sewer to the point at which the connection facility is connected.

- (21) **Inspection Authorized.** The City Water and Sewer Superintendent and other authorized employees and agents of the City, bearing proper credentials and identification, are permitted at reasonable times to enter upon all properties connected to the sanitary sewer system for the purpose of inspection, observation, measurement, sampling, and testing.

- (22) **Assessment and Charges.**
 - (A) **Assessment.** After the installation and connection have been completed pursuant to Council resolution, the City Clerk shall serve a written notice of the assessment upon the owner or the owner's representative directing the payment of the assessment to the Treasurer within ten (10) days after the service of the notice. If the assessment is not paid within ten (10) days, the City Clerk shall certify the amount to the County Auditor for collection in the same manner as other special assessments.

(B) Charges.

- (i) Connection.** When any premises which for any reason have not been assessed for the construction of the sewer system, are connected to the sewer system, such premises, in addition to the regular connection charge, shall pay an additional connection charge equal to the amount which would have been assessed against said premises for the construction of the sewer system if they had been included in such assessment.
- (ii) Service.** The rates due and payable to the City shall be as established from time to time by resolution of the City Council.
- (iii) Information.** The owner, occupant or person in charge of any premises shall supply the City with such information as it may reasonably require relating to use of water, use of sewer, or sewer rates. Willful failure to provide such information, willful falsification of such information, or willful failure to comply with any requirement or order issued pursuant to this section constitutes a violation of this Chapter.