

# Public Notices

18. "Shall" is mandatory (see "may." Sec. 10).

19. "Slug" shall mean any discharge of water or wastewater which in concentration of any give constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration or flows during normal operation and shall adversely affect the collection system and/or performance of the wastewater treatment works.

20. "Storm Drain" (sometimes termed "storm sewer") shall mean a drain or sewer for conveying water, ground water, subsurface water or unpolluted water from any source.

21. "Superintendent" shall mean the superintendent of wastewater facilities, and/or of waste water treatment works and/or of water pollution control of the city or his authorized deputy, agent or representative.

22. "Suspended Solids" shall mean total suspended matter that either floats on the surface of, or is in suspension in water, wastewater or other liquids, and

1. system, and to provide penalties for violations thereof, in the City of Fessenden, North Dakota.

## 7.0202 Definitions

Unless the context specifically indicates otherwise, the meaning of the terms used in the article shall be as follows:

1. "BOD" (denoting Biochemical Oxygen Demand) shall mean the quantity of oxygen utilized in the biochemical oxidation or organic matter under standard laboratory procedure in five (5) days at 20 degrees Centigrade, expressed in milligrams per liter.

2. "Building Drain" shall mean that part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste and other drainage pipes inside the walls of the building and conveys it to the building sewer, beginning five (5) feet (1.5 meters) outside the inner face of the building wall.

3. "Building Sewer" shall mean the extension from the building drain to the public sewer or other place of disposal, also called house connection.

4. "Combined Sewer" shall mean a sewer intended to receive both waste water and storm or surface water.

5. "Easement" shall mean an acquired legal right for the specific use of land owned by others.

6. "Floatable Oil" is oil, fat or grease in a physical state such that it will separate by gravity from waste water by treatment in an approved pretreatment facility. A waste water shall be considered free of floatable fat if it is properly pre-treated and the waste water does not interfere with the collection system.

7. "Garbage" shall mean the animal and vegetative waste resulting from the handling, preparation, cooking and serving of foods.

8. "Industrial Wastes" shall mean the waste water from industrial processes, trade or business as distinct from domestic or sanitary wastes.

9. "Natural Outlet" shall mean any outlet, including storm sewers and combined sewer overflows, in to a watercourse, pond, ditch, lake or other body of surface or groundwater.

10. "May" is permissive (see "shall," Sec. 18).

11. "Person" shall mean any individual, firm, company, association, society, corporation or group.

1.3. Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool or other facility intended or used for the disposal of sewage.

4. The owner of all houses, buildings or properties used for human occupancy, employment, recreation or other purposes, situated within the City of Fessenden, North Dakota, and abutting on any street, alley or right-of-way in which there is now located or may in the future be located a public sanitary, the City of Fessenden, North Dakota, is hereby required as its expense to install suitable toilet facilities herein, and to connect such facilities directly with the proper public sewer in accordance with the provisions of this ordinance, within sixty (60) days after date of official notice to do so, provided that said public sewer is within 2 feet (61 meters) according to the North Dakota plumbing code, of the property line.

7.0204 When Private Sewage Disposal Permitted

1. Where a public sanitary or combined sewer is not available under the provisions of section 7.0203 (4), the building sewer shall be connected to a private wastewater disposal system complying with the provisions of this article.

2. Before commencement at construction of a private wastewater disposal system the owner shall first obtain a written permit signed by the Superintendent. The application for such permit shall be made on a form furnished by the city, which the applicant shall supplement by any plans, specifications and other information as deemed necessary by the Superintendent.

3. A permit for a private wastewater disposal system shall not become effective until the installation is completed to the satisfaction of the Superintendent. The Superintendent shall be allowed to inspect the work at any stage of construction, and in any event, the applicant for the permit shall notify the Superintendent when the work is ready for final inspection, and before any underground portions are covered. The inspection shall be made within 24 hours of the receipt of notice by the Superintendent.

4. The type, capacities, location and layout of a private wastewater disposal system shall comply with all recommendations and/or regulations of the North Dakota State Department of Health. No permit shall be issued for any private wastewater system not meeting these conditions. No septic tank or cesspool shall be permitted to discharge to any natural outlet or to the ground surface.

1. that is removable by laboratory filtering as prescribed in "Standard Methods for the Examination of Water and Wastewater" and referred to as non-filterable residue.

23. "Unpolluted Water" is water of quality equal to or better than the effluent criteria in effect or water that would not cause violation or receiving water quality standards and would not be benefited by discharge to the sanitary sewers and wastewater treatment facilities provided.

24. "Wastewater" shall mean the spent water of a community from the standpoint of source, it may be a combination of the liquid and water-carried wastes from residences, commercial buildings, industrial plants and institutions, together with any groundwater, surface water and storm-water that may be present.

25. "Wastewater Facilities" shall mean the structures, equipment and processes required to collect, carry away and treat domestic and industrial wastes and dispose of the effluent.

26. "Wastewater Treatment Works" shall mean an arrangement of devices and structures for treating wastewater, industrial wastes and sludge. Sometimes used as synonymous with "waste treatment plant" or "wastewater treatment plant" or "water pollution control plant."

27. "Watercourse" shall mean a natural or artificial channel for the passage of water either continuously or intermittently.

28. "Hearing Board" shall mean a -chat board appointed according to the provisions of Section 7.0209.

7.0203 Use of Public Sewers Required

1. It shall be unlawful for any person to place, deposit or permit to be deposited in any unsanitary manner on public or private property within the City of Fessenden, North Dakota, or in any area under the jurisdiction of said Fes-

senden, North Dakota, any human or animal excrement, garbage or other objectionable waste.

2. It shall be unlawful to discharge to any natural outlet within the City of Fessenden, North Dakota, or in any area under the jurisdiction of said City of Fessenden, North Dakota,

any sewage or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this ordinance.

1. building through an adjoining alley, court, yard or driveway, the building sewer from the front building may be extended to the rear building and the whole considered as one building sewer, but the city does not and will not assume any obligation or responsibility for damage caused by or resulting from any such single connection aforementioned.

2. Old building sewers may be used in connection with new buildings only when they are run, on examination and test by the Superintendent, to meet all requirements of this ordinance.

3. The size, slope alignment, materials of construction of all sanitary sewers including building sewers, and the methods to be used in excavating, placing of the pipe, jointing, testing and back-filling the trench, shall all conform to the requirements of the building and plumbing code or other applicable rules and regulations of the city. In the absence of suitable code provisions set forth in appropriate specifications of the A.S.T.M. and W.P.C.F. Manual of Practice No. 9 shall apply.

4. The following described substances, materials, waters or waste shall be limited in discharges to municipal systems to concentrations or quantities which will not harm either the sewers, wastewater treatment process or equipment, will not have an adverse effect on the receiving stream, or will not otherwise endanger lives, limb, public property or constitute a nuisance. The Superintendent may set limitations lower than the limitations established in the regulations below if in his opinion such more severe limitations are necessary to meet the above objectives. In forming his opinion as to the acceptability, the Superintendent will give consideration to such factors as the quantity of subject waste in relation to flows and velocities in the sewers, materials of construction of the sewers, the wastewater treatment process employed, capacity or the wastewater treatment plant, degree of treatability at the waste in the wastewater treatment plant, and other pertinent factors. The limitations or restrictions on materials or characteristics of waste or waste-waters discharged to the sanitary sewer which shall not be violated without approval of the Superintendent are as follows:

a. Wastewater having a temperature higher than 150 degrees Fahrenheit (65 degrees Celsius).

b. Wastewater containing more than c milligrams per liter or petroleum oil, non-biodegradable cutting oils or product of mineral oil origin.

c. Wastewater from industrial plants containing floatable oils, fat or grease.

d. Any garbage that has not been properly shredded (see section 7.0202).

(13) Garbage grinders may be connected to sanitary sewers from homes, hotels, institutions, restaurants, hospitals, catering establishments or similar places where garbage originates from the preparation of food in kitchens for the purpose of consumption on the premises or when served by caterers.

e. Any waters or wastes containing iron, chromium, copper, zinc and similar objectionable or toxic substances to such degree that any such material received in the composite wastewater at the wastewater treatment works exceeds the limits established by the Superintendent for such materials.

f. Any waters or wastes containing odor-producing substances exceeding limits which may be established by the Superintendent.

g. Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Superintendent in compliance with applicable state or federal regulations.

h. Quantities of flow, concentrations or both which constitute a "slug" as defined herein.

i. Waters or wastes containing substances which are not amenable to treatment or reduction by the wastewater treatment processes employed, or are amenable to treatment only to such a degree that the waste water treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.

j. Any water or wastes which, by interaction with other water or wastes in the public sewer system, release obnoxious gases, form suspended solids which interfere with the collection system, or create a condition deleterious to structures and treatment processes.

a. structure 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.

9. The Superintendent may require a user of sewer services to provide information needed to determine compliance with this ordinance. These requirements may include:

a. Waste-waters discharge peak rate and volume over a specified time period.

b. Chemical analyses of waste-waters.

c. Information on raw materials, processes and products affecting wastewater volume and quality.

d. Quantity and disposition of specific liquid, sludge, oil, solvent or other materials important to sewer use control.

e. A plot plan of sewers of the user's property showing sewer and pretreatment facility location.

f. Details of wastewater pretreatment facilities.

g. Details of systems to prevent and control the losses of materials through spills to the municipal sewer.

10. All measurements, test and analyses of the characteristics of waters and wastes to which reference is made in this ordinance shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater," published by the American Public Health Association. Sampling methods, location, times, durations and frequencies are to be determined on an individual basis by the Superintendent.

11. No statement contained in this section shall be construed as preventing any special agreement or arrangement between the city and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the city for treatment.

12. No person shall discharge or cause to be discharged any unpolluted waters such as storm-water, surface water, groundwater, roof runoff, subsurface drainage or cooling water to any building drain or sewer which in turn is connected directly or indirectly to the sanitary sewer unless such connection is approved by the Superintendent and the North Dakota State Department of Health.

13. No person shall discharge or cause to be discharged any of the following described water or wastes to any public sewer:

a. Any Gasoline, benzene, naptha, fuel oil or other flammable or explosive liquid, solid or gas.

b. Any waters containing toxic or poisonous solids, liquids or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any sewage treatment process, equipment, or receiving waters, or which otherwise create a hazard to life or constitute a public

nuisance, the Superintendent may:

a. Reject the wastes;

b. Require pretreatment to an acceptable condition for discharge to the public sewers;

c. Require control over the quantities and the rates of discharge; and/or

d. Require payment to cover the added costs of handling and treating the wastes not covered by sewer charges under the provisions of

If the Superintendent permits the pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to the review and approval of the Superintendent and the North Dakota State Department or Health.

6. Grease, oil and sand interceptors shall be provided when, in the opinion of the Superintendent, they are necessary for the proper handling of liquid wastes containing floatable grease in excessive amounts as specified in 7.0206 (4)(c) or any flammable wastes, sand or other harmful ingredients; except ha such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the North Dakota Plumbing Code and shall be located as to be readily and easily accessible for cleaning and inspection.

In the maintaining of these interceptors the owner shall be responsible for the proper removal and disposal by appropriate means of the captured material and shall maintain records of the dates, and means of disposal which are subject to review by the Superintendent. Any removal and having of the collected materials not performed by owner personnel must be performed by currently licensed waste disposal firms.

7. Where pretreatment or flow-equalizing facilities are provided or required by any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense.

8. When required by the Superintendent, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable structure together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling and measurement of the wastes. Such structures, when required, shall be accessible and safely located, and shall be constructed in accordance with plans approved by the Superintendent.

1. For the purposes of inspection, observation, measurement, sampling and testing pertinent to discharge to the community system in accordance with the provisions of this ordinance.

2. The Superintendent or other duly authorized employees are authorized to obtain information concerning industrial processes which have a direct bearing on the kind and source at discharge to the wastewater collection system.

The industry may withhold information considered confidential. The industry must establish that the revelation to the public of the information in question might result in an advantage to competitors.

3. While performing the necessary work on properties referred to in section 7.0206 (1), above, the Superintendent or duly authorized employees of the city shall observe all safety rules applicable to the premises established by the company, and the company shall be held harmless for injury or death to the City employees, and the city shall indemnify the company against loss or damage to its property by city employees and against liability claims and demands for personal injury or property damage asserted against the company growing out of the gauging and sampling operation, except such as may be caused by negligence or failure of the company to maintain safe conditions as required in section 7.0206 (8).

4. The Superintendent and other duly authorized employees of the city bearing proper credentials and identification shall be permitted to enter all private properties through which the city holds a duly negotiated easement for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair and maintenance of any portion of the wastewater facilities lying within said easement. All entry and subsequent work, if any, on said easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

7.0209 Hearing Board

1. A Hearing Board, consisting of three (3) members, shall be selected as needed for arbitration of differences between the superintendent and sewer users on matters concerning interpretation and execution of the provisions of this ordinance by the Superintendent.

2. One member of the board shall be selected to represent the city, one member shall be selected to represent the sewer user involved in the arbitration, and the third member shall be acceptable to both parties and shall serve as the Chairman in the arbitration.

7.0210 Penalties

1. Any person found to be violating any provision of this ordinance except section 7.0207 shall be served by the city with written notice stating the nature or the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations.

2. Any person who shall continue any violation beyond the time limit provided for in section 7.0210 (1), shall be guilty of a misdemeanor, and on conviction thereof shall be fined in the amount not exceeding One Hundred and No/100 Dollars (\$100.00) for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

3. Any person violating any of the provisions of this ordinance shall become liable to the city

for any expense, loss or damage occasioned the city by reason of such violation.

7.0211 Validity

All ordinances or parts of ordinances in conflict herewith are hereby repealed.

The validity of any section, clause, sentence or provision of this ordinance shall not affect the validity of any other part of this ordinance which can be given effect without such invalid part or parts.

ARTICLE 3. Sewer Surcharge

7.0301 Purpose

1. The purpose of this article shall be to generate sufficient revenue to pay all costs for the operation and maintenance of the complete wastewater system. The costs shall be distributed to all users of the wastewater system, including all parcels within the City limits, regardless of whether the parcel is connected to the City's water and sewer systems with the monthly billing of water.

2. at length herein and all plumbing work in the City of Fessenden shall comply with said code.

7.0402 Plumbing Code - Enforcement of Provisions

All plumbing work and all private sanitary drains and cesspools now existing, or hereafter to be installed, altered or repaired in any building or in or under any private property within the corporation limits shall be under the supervision and regulation of the Commissioner of Water and Sewers, whose duty it shall be to enforce all the provisions of this code relating thereto and from time to time to make such rules and regulations as may be appropriate for the execution of the same.

7.0403 Plumbing Code - Changes in Existing Installations

The Superintendent of the Water and sewer Department is hereby given authority to order the repair, alteration or removal of any sanitary sewer connection or plumbing, any connection to storm-water sewer, or any private sanitary drain, cesspool or privy, which in his judgment is so installed or is in such condition as to be unsanitary, or to constitute a public nuisance or menace to health. In case of such repair, alteration or removal, if the plumbing code is not observed by the owner or owners thereof, in accordance with his directions, he may cause the same to be discontinued from any source of water supply.

8. When required by the Superintendent, the owner of any