

Chapter 10.03

Regulating The Use Of Public And Private Sewers And Drains, Private Wastewater Disposal, The Installation And Connection Of Building Sewers, And The Discharge Of Waters And Wastes Into The Public Sewer System

ARTICLE I Definitions

Unless the context specifically indicates otherwise, the meaning of terms used in this ordinance shall have the meanings hereinafter designated:

Section 1. “Act” - The Federal Water Pollution Control Act also referred to as the Clean Water Act, as amended, 33. U.S.C. 1251, et seq.

Section 2. “ASTM” - American Society for Testing Materials.

Section 3. “Authority” - The City of Howard Lake, Minnesota or its representative thereof.

Section 4. “BOD5 or Biochemical Oxygen Demand” - The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at 20 degrees Centigrade in terms of milligrams per liter (mg/l).

Section 5. “Building Drain” - That part of the lowest horizontal piping of a drainage system which receives the discharge from waste and other drainage pipes inside the walls of the building and conveys it to the building sewer, beginning three (3) feet outside the building wall.

Section 6. “Building Sewer” - The extension from the building drain to the public sewer or other place of disposal, also referred to as a house connection or service connection.

Section 7. “City” - The area within the corporate boundaries of the City of Howard Lake as presently established or as amended by ordinance or other legal actions at a future time. The term “City” when used herein may also be used to refer to the City Council and its authorized representative.

Section 8. “Chemical Oxygen Demand (COD)” - The quantity of oxygen utilized in the Chemical oxidation of organic matter as determined by standard laboratory Procedures, and as expressed in terms of milligrams per liter (mg/l).

Section 9. “Compatible Pollutant” - Biochemical oxygen demand, suspended solids, pH, and fecal coliform bacteria, plus additional pollutants identified in the NPDES/SDS Permit if the treatment facilities are designed to treat such pollutants to a degree which complies with effluent concentration limits imposed by the permit.

Section 10. “Control Manhole” - A structure specially constructed for the purpose of measuring flow and/or sampling of wastes.

Section 11. “Easement” - An acquired legal right for the specific use of land owned by others.

Section 12. “Fecal Coliform” - Any number of organisms common to the intestinal tract of man and animals whose presence in sanitary sewage is an indicator of pollution.

Section 13. “Floatable Oil” - Oil, fat, or grease in a physical state, such that it will separate by gravity from wastewater.

Section 14. “Garbage” - Animal and vegetable waste resulting from the handling, preparation, cooking, and serving of food.

Section 15. “Incompatible Pollutant” - Any pollutant that is not defined as a compatible pollutant (Section 9) including non-biodegradable dissolved solids.

Section 16. “Industry” - Any nongovernmental or nonresidential user of a publicly owned treatment works which is identified in the Standard Industrial Classification Manual, latest edition, which is categorized in divisions A, B, D, E, and I.

Section 17. “Industrial Waste” - gaseous, liquid, and solid wastes resulting from industrial or manufacturing processes, trade or business, or from the development, recovery, and processing of natural resources, as distinct from residential or domestic strength wastes.

Section 18. “Infiltration” - Water entering the sewage system (including building drains and pipes) from the ground through such means as defective pipes, pipe joints, connections, and manhole walls.

Section 19. “Infiltration/Inflow (I/I)” - The total quantity of water from both infiltration and inflow.

Section 20. “Inflow” - Water other than wastewater that enters a sewer system (including building drains) from sources such as, but not limited to, roof leaders, cellar drains, yard and area drains, foundation drains, drains from springs and swampy areas, manhole covers, cross-connections from storm sewers, catch basins, surface runoff, street wash waters or drainage.

Section 21. “Interference” - The inhibition or disruption of the City’s wastewater disposal system processes or operations which causes or significantly contributes to a violation of any requirement of the City’s NPDES and/or SDS Permit. The term includes of sewage sludge use or disposal by the City In accordance with published regulations providing guidelines under Section 405 of the Act or any regulations developed pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act, or more stringent State criteria applicable to the method of disposal or use employed by the City.

Section 22. “MPCA” - Minnesota Pollution Control Agency.

Section 23. “National Categorical Pretreatment Standards” - Federal regulations establishing pretreatment standards for introduction of pollutants in public-owned waste-water treatment

facilities which are determined to be not susceptible to treatment by such treatment facilities or would interfere with the operation of such treatment facilities, pursuant to Section 3 07(b) of the Act.

Section 24. “National Pollutant Discharge Elimination System (NPDES) Permit” - A permit issued by the MPCA, setting limits on pollutants that a permittee may legally discharge into navigable waters of the United State pursuant to Sections 402 and 405 of the Act.

Section 25. “Natural Outlet” - Any outlet, including storm sewers and combined sewers, which overflow into a watercourse, pond, ditch, lake or other body of surface water or groundwater.

Section 26. “Non-contact Cooling Water” - The water discharged from any use such as air conditioning, cooling or refrigeration, or during which the only pollutant added is heat.

Section 27. “Normal Domestic Strength Waste” - Wastewater that is primarily introduced by residential users with a BOD5 concentration not greater than 300 mg/l and a suspended solid (TSS) concentration not greater than 300 mg/l, or a phosphorus (P) concentration not greater than 12 mg/l.

Section 28. “Persons” - Any individual, firm, company, association, society, corporation, or group.

Section 29. “pH” - The logarithm of the reciprocal of the concentration of hydrogen ions in terms of grams per liter of solution.

Section 30. “Pretreatment” - The treatment of wastewater from industrial sources prior to the introduction of the waste effluent into a publicly-owned treatment works. (See Section 23.)

Section 31. “Properly Shredded Garbage” - The wastes from the preparation, cooking and dispensing of food that have been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers with no particle greater than 1/2 inch (1.27 cm) in any dimension.

Section 32. “Sewage” - The spent water of a community. The preferred term is waste-water.

Section 33. “Sewer” - A pipe or conduit that carries wastewater or drainage water.

- (a) “Collection Sewer” - A sewer whose primary purpose is to collect wastewaters from individual point source discharges and connections.
- (b) “Combined Sewer” - A sewer intended to serve as a sanitary sewer and a storm sewer.
- (c) “Force Main” - A pipe in which wastewater is carried under pressure.
- (d) “Interceptor Sewer” - A sewer whose primary purpose is to transport

wastewater from collection sewers to a treatment plant.

- (e) “Private Sewer” - A sewer which is not owned and maintained by a public authority.
- (f) “Public Sewer” - A sewer owned, maintained and controlled by a public authority.
- (g) “Sanitary Sewer” - A sewer intended to carry only liquid and water-carried wastes from residences, commercial buildings, industrial plants, and institutions together with minor quantities of ground, storm, and surface waters which are not admitted intentionally.
- (h) “Storm Sewer or Storm Drain” - A drain or sewer intended to carry storm-waters, surface runoff, groundwater, sub-surface water, street wash water, drainage, and unpolluted water from any source.

Section 34. “Shall” - Is mandatory: “May” is permissive.

Section 35. “Significant Industrial User” - Any industrial user of the wastewater treatment facility which has a discharge flow (1) in excess of 25,000 gallons per average work day, or (2) has exceeded five percent (5%) of the total flow received at the treatment facility, or (3) whose waste contains a toxic pollutant in toxic amounts pursuant, to Section 307(a) of the Act, or (4) whose discharge has a significant effect, either singly or in combination with other contributing industries, on the wastewater disposal system, the quality of sludge, the system’s effluent quality, or emissions generated by the treatment system.

Section 36. “Slug” - Any discharge of water or wastewater which in concentration of any given constituent, or in quantity of flow, exceeds for any period of duration longer than fifteen (15) minutes, more than five (5) times the average 24-hour concentration of flows during normal operation, and shall adversely affect the collection and/or performance of waste-water treatment works.

Section 37. “State Disposal System (SDS) Permit” - Any permit (including any terms, Conditions and requirements thereof) issued by the MPCA pursuant to Minnesota Statutes 115.07 for a disposal system as defined by Minnesota Statutes 115.01, Subdivision 8.

Section 38. Sewer and Water Department Head” - The utilities superintendent or a Deputy, agent or representative thereof.

Section 39. “Suspended Solids (SS) or Total Suspended Solids (TSS)” - The total suspended matter that either floats on the surface of, or is in suspension in water, wastewater or other liquids, and is removable by laboratory filtering as prescribed in “Standard Methods for the Examination of Water and Wastewater”, latest edition, and referred to as non-filterable residue.

Section 40. “Toxic Pollutant” - The concentration of any pollutant or combination of Pollutants which upon exposure to or assimilation into any organism will cause adverse affects as defined in standards issued pursuant to Section 307(a) of the Act.

Section 41. “Unpolluted Water” - Water of quality equal to or better than the effluent criteria in effect, or water that would not cause violation of receiving water quality standards, and would not be benefited by discharge to the sanitary sewers and wastewater treatment facilities. (See “Non-contact Cooling Water”, Section 23.).

Section 42. “User” - Any person who discharges or causes or permits the discharge of wastewater into the City’s wastewater disposal system.

Section 43. “Wastewater” - The spent water of a community; sometimes referred to as sewage. 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 stormwater that may be present.

Section 44. “Wastewater Treatment Works or Treatment Works” - An arrangement of any devices, facilities, structures, equipment, or processes owned or used by the City for the purpose of the transmission, storage, treatment, recycling, and reclamation of municipal sewage, domestic sewage or industrial waste-water, or structures necessary to recycle or reuse water including interceptor sewers, outfall sewers, collection sewers, pumping, power, and other equipment and their appurtenances; extensions, improvements, remodeling, additions, and alterations thereof~ elements essential to provide a reliable recycled water supply such as standby treatment units and clear well facilities; and any works including land which is an integral part of the treatment process or is used for ultimate disposal of residues resulting from such treatment.

Section 45. “Watercourse” - A natural or artificial channel for the passage of water, either continuously or intermittently.

Section 46. “WPCF” - The Water Pollution Control Federation.

ARTICLE II

CONTROL BY THE SEWER AND WATER UTILITY DEPARTMENT HEAD

Section 1. The Sewer and Water Utility Department Head shall have control and general supervision of all public sewers and service connections in the City, and shall be responsible for administering the provisions of this ordinance to the end that a proper and efficient public sewer is maintained.

ARTICLE III

Section 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, or in any area under jurisdiction, any human or animal excrement, garbage or objectionable waste.

Section 2. It shall be unlawful to discharge to any natural outlet any wastewater or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this ordinance and the City's NPDES/SDS Permit.

Section 3. Except as provided hereinafter, 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 wastewater.

Section 4. The owner(s) of all houses, buildings, or properties used for human occupancy, employment, recreation or other purposes from which wastewater is discharged, and which is situated within the City and adjacent to any street, alley or right-of-way in which there is now located, or may in the future be located, a public sanitary sewer of the City, shall be required at the owner(s) expense to install a suitable service connection to the public sewer in accordance with provisions of this Code, within (10) days of the date said public sewer is operational, provided said public sewer is within 150 feet of the structure generating the wastewater. All future buildings constructed on property adjacent to the public sewer shall be required to immediately connect to the public sewer. If sewer connections are not made pursuant to this section, an official thirty (30) day notice shall be served instructing the affected property owner to make said connection.

Section 5. In the event an owner shall fail to connect to a public sewer in compliance with a notice given under Article III, Section 4 of the Ordinance, the City must undertake to have said connection made and shall assess the cost thereof against the benefited property. Such assessment, when levied, shall bear interest at the rate determined by the City Council and shall be certified to the Auditor of the County of Wright, Minnesota and shall be collected and remitted to the City in the same manner as assessments for local improvements. The rights of the City shall be in addition to any remedial or enforcement provisions of this ordinance.

ARTICLE IV PRIVATE WASTEWATER DISPOSAL

Section 1. Where a public sewer is not available under the provisions of Article III, Section 4, the building sewer shall be connected to a private wastewater disposal system complying with the provisions of this Article.

Section 2. Prior to commencement of construction of a private wastewater disposal system, the owner(s) shall first obtain a written permit signed by the City. 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 are deemed necessary to the City.

Section 3. A permit for a private wastewater disposal system shall not become effective until the installation is completed to the satisfaction of the City or its authorized representative. The City or its representative shall be allowed to inspect the work at any stage of construction, and, in any event, the applicant for permit shall notify the City when work is ready for final inspection, and before any underground portions are covered. The inspection shall be made within 4 hours of the receipt of notice.

Section 4. The type, capacities, location and layout of a private wastewater disposal system shall comply with all requirements of 6 MCAR 4.8040, entitled, "Individual Sewage Treatment System Standards". No septic tank or cesspool shall be permitted to discharge to any natural outlet.

Section 5. At such time as a public sewer becomes available to a property serviced by a private wastewater disposal system, a direct connection shall be made to the public sewer within ten (10) days in compliance with the Ordinance, and within thirty (30) days any septic tanks, cesspools, and similar private wastewater disposal systems shall be cleaned of sludge. The bottom shall be broken to permit drainage, and the tank or pit filled with suitable material.

Section 6. The owner(s) shall operate and maintain the private wastewater disposal Facilities in a sanitary manner at all times at no expense to the City.

Section 7. Sanitary Sewer Cooperatives, organized under Minnesota statutes of any applicable law, shall not design, construct, install, or manage, maintain, control or operate any individual sewage treatment systems (ISTS) or alternative discharging sewage systems (ADSS) within the City's corporate limits without the City's prior, written approval.

Section 8. No statement contained in this article shall be construed to interfere with any additional requirements that may be imposed by the MPCA or the Department of Health of the State of Minnesota.

ARTICLE V BUILDING SEWERS AND CONNECTIONS

Section 1. Any new connection(s) to the sanitary sewer system shall be prohibited unless sufficient capacity is available in all downstream facilities including, but not limited to capacity for flow, BOD5, Suspended Solids, and Phosphorus, as determined by the Superintendent.

Section 2. No unauthorized person(s) shall uncover, make any connections with or opening into, use alter, or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the City.

Section 3. Applications for permits shall be made by the owner or authorized agent and the party employed to do the work, and shall state the location, name of owner, street number of the building to be connected, and how occupied. no person shall extend any private building drain beyond the limits of the building or property for which the service connection permit has been given.

Section 4. There shall be three (3) classes of building sewer permits: (a) for residential and commercial service; (b) for service to establishments producing industrial wastes not meeting the definition of Significant Industrial User; and (c) for service to establishments producing industrial wastes meeting the definition of Significant Industrial User.

In any case, the application for a permit shall be supplemented by any plans, specifications, or

any other information considered pertinent in the judgment of the City. The industry, as a condition of permit authorization, must provide information describing its wastewater constituents, characteristics, and type of activity. Further, as a condition for a permit for establishments producing industrial wastes meeting the definition of a Significant Industrial User, the property owner and, if required by the City, the applicant, shall enter into a Significant Industrial User Agreement for Discharge to the Annandale-Maple Lake-Howard Lake Wastewater Commission Wastewater Treatment Facility with the City and the Annandale-Maple Lake-Howard Lake Wastewater Commission in a form and with terms and conditions acceptable to the City and acceptable to the Annandale-Maple Lake-Howard Lake Wastewater Commission.

Section 5. All costs and expenses incidental to the installation and connection of the building sewer shall be borne by the owner(s). The owner(s) shall indemnify the City from any loss or damage that may be directly or indirectly occasioned by the installation of the building sewer.

Section 6. A separate and independent building sewer shall be provided for every building, except where one building stands at the rear of another on an interior lot and no private sewer is available or can be constructed to the rear 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 one building sewer. The City does not and will not assume any obligation or responsibility for damage caused by or resulting from any such connection aforementioned.

Section 7. Old building sewers may be used in connection with new buildings only when they are found, on examination and test by the Sewer and Water Department Head or his representative, to meet all requirements of this ordinance.

Section 8. The size, slopes, alignment, materials of construction of a building sewer, and the methods to be used in excavating, placing of the pipe, jointing, testing, and backfilling of the trench, shall all conform to the requirements of the State of Minnesota Building and Plumbing Code or other applicable rules and regulations of the City. In the absence of code provisions or in the application thereof, the materials and the procedures set forth in appropriate specifications of the ASTM and WPCF Manual of Practice No. 9, shall apply.

Section 9. Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor. In all buildings in which any building drain is too low to permit gravity flow to the public sewer, sanitary sewage carried by such building drain shall be lifted by an approved means and discharged to the building sewer.

Section 10. No person(s) shall make connection of roof downspouts, foundation drains, areaway drains, or other sources of surface runoff or groundwater to a building sewer or indirectly to the wastewater disposal system.

Section 11. The connection of the building sewer into the public sewer shall conform to the requirements of the State of Minnesota Building and Plumbing Code or other applicable rules and regulations of the City, or the procedures set forth in appropriate specifications of the ASTM and WPCF Manual of Practice No. 9. All such connections shall be made gastight and watertight, and verified by proper testing to prevent the inclusion of infiltration/inflow. Any

deviation from the prescribed procedures and materials must be approved by the City prior to installation.

Section 12. The applicant for the building sewer permit shall notify the City when the building sewer is ready for inspection and connection to the public sewer. The connection and inspection shall be made under the supervision of the Sewer and Water Department Head or authorized representative thereof.

Section 13. All excavations for building sewer installation shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other public property disturbed in the course of the work, shall be restored in a manner satisfactory to the City.

Section 14. No person shall make a service connection with any public sewer unless regularly licensed under this chapter to perform such work, and no permit shall be granted to any person except such regularly licensed person.

Section 15. Any person desiring a permit to make a service connection with public sewers, shall apply in writing to the City Council with satisfactory evidence that the applicant or employer is trained or skilled in the business and qualified to receive a permit. All applications shall be referred to the Sewer and Water Department Head for recommendations to the Council if necessary.

Section 16. The applicant of the sewer connection permit will indemnify and hold harmless the City from all suits, accidents, and damage that may arise by reason of any opening in any street, alley, or public ground, made by the permittee or by those in the permittee's employment for any purpose whatsoever, and that the permittee will replace and restore the street and alley over such opening to the condition existing prior to installation, adequately guard with barricades and lights and will keep and maintain the same to the satisfaction of the Sewer and Water Department head or appointed representative, and shall conform in all respects to the rules and regulations of the Council relative thereto, and pay all fines that may be imposed on the permittee by law.

Section 17. The permit fee for making service connections is determined by the policy of The City Council. The permit is valid for one year from the time of approval.

Section 18. The Council may suspend or revoke any permit issued under this article for any of the following causes:

- (a) Giving false information in connection with the application for a permit.
- (b) Incompetence of the permittee.
- (c) Willful violation of any provisions of this article or any rule or regulation pertaining to the making of service connections.

ARTICLE VI USE OF PUBLIC SERVICES

Section 1. No person(s) shall discharge or cause to be discharged any unpolluted water such as stormwater, groundwater, roof runoff, surface drainage, or non-contact cooling water to any sanitary sewer.

Section 2. Stormwater and all other unpolluted drainage shall be discharged to such sewers as are specifically designed as storm sewers or to a natural outlet approved by the City and other regulatory agencies. Industrial cooling water or unpolluted process Waters may be discharged to a storm sewer or natural outlet on approval of the City and upon approval and the issuance of a discharge permit by the MPCA.

Section 3. No person(s) shall discharge or cause to be discharged any of the following described waters or wastes to any public sewers:

- (a) Any liquids, solids, or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other way to the waste-water disposal system or to the operation of the system. Prohibited materials include, but are not limited to gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides, and sulfides.
- (b) Solid or viscous substances which will cause obstruction to the flow in a sewer or other interference with the operation of the wastewater treatment facilities such as, but not limited to, grease, garbage with particles greater than one-half (1/2) inch in any dimension, animal guts or tissues, paunch manure, bones, hair, hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, wood, plastic asphalt residues, residues from refining or processing of fuel or lubricating oil, mud or glass grinding or polishing wastes.
- (c) Any wastewater having a pH of less than 5.0 or greater than 9.5 or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the wastewater disposal system.
- (d) Any wastewater containing toxic pollutants in sufficient quantity, either singly or by interaction with other pollutants, to inhibit or disrupt any waste-water treatment process, constitute a hazard to humans or animals, or create a toxic effect in the receiving waters of the wastewater disposal system. A toxic pollutant shall include but not be limited to any pollutant identified pursuant to Section 3 07(a) of the Act.

Section 4. The following described substances, materials, water, or wastes shall be limited in discharges to municipal systems to concentrations or quantities which will not harm either sewers, the wastewater treatment works treatment process or equipment, will not have an adverse effect on the receiving stream and/or soil, vegetation and groundwater, or will not otherwise endanger lives, limb, public property, or constitute a nuisance. The Superintendent may set

limitations lower than 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 of wastes. The Superintendent will give consideration to such factors as the quantity of subject waste in reaction to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, the City's NPDES and/or SDS permit, capacity of the sewage treatment plant, degree of treatability of wastes in the sewage treatment plant, and other pertinent factors. The limitations or restrictions on materials or characteristics of waste or wastewaters discharged to the sanitary sewer shall not be violated without approval of the Superintendent as follows:

- (a) Any wastewater having a temperature greater than 150 degrees F (65.6 degrees C), or causing, individually or in combination with other wastewater, the influent at the wastewater treatment plant to have a temperature exceeding 104 degrees F (40 degrees C), or having heat in amounts which will inhibit biological activity in the wastewater treatment works resulting in interference therein.
- (b) Any wastewater containing fats, wax, grease, or oils, whether emulsified or not, in excess of 100 mg/l or containing substances which may solidify or become viscous at temperatures between 32 degrees F and 150 degrees F (0 degrees C and 65.6 degrees C); and any wastewater containing oil and grease concentrations of mineral origin of greater than 100 mg/l, whether emulsified or not.
- (c) Any quantities of flow, concentrations, or both which constitute a "slug" as defined herein. (See Article I, Section 33).
- (d) Any garbage not properly shredded, as defined in Article I, Section 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 on the premises or when served by caterers.
- (e) Any noxious or malodorous liquids, gases, or solids which either singly or by interaction with other wastes are capable of creating a public nuisance or hazard to life, or are sufficient to prevent entry into the sewers for their maintenance and repair.
- (f) Any wastewater with objectionable color not removed in the treatment process, such as, but not limited to dye wastes and vegetable tanning solutions.
- (g) Non-contact cooling water or unpolluted storm water, storm drainage, or groundwater.
- (h) Wastewater containing inert suspended solids (such as, but not limited to, Fullers earth, lime slurries, and lime residues) or of dissolved solids (such as,

but not limited to, sodium chloride and sodium sulfate) in such quantities that would cause disruption with the wastewater disposal system.

- (l) 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.
- (j) Any waters or wastes containing the following substances to such degree that any such material received in the composite wastewater at the wastewater treatment works in excess of limitations set by the Superintendent for such materials:
 - Arsenic
 - Cadmium
 - Copper
 - Cyanide
 - Lead
 - Mercury
 - Nickel
 - Silver
 - Total chromium
 - Zinc
 - Phenolic compounds which cannot be removed by City's wastewater treatment system.
- (k) Any wastewater which created conditions at or near the wastewater disposal system which violates any statute, rule, regulation, or ordinance of any regulatory agency, or state or federal regulatory body.
- (l) Any waters or wastes containing BOD5 or suspended solids of such character and quantity that unusual attention or expense is required to handle such materials at the wastewater treatment works, except as may be permitted by specific written agreement subject to the provisions of Section 16 of this Article.

Section 5. If any waters or wastes are discharged or are proposed to be discharged to public sewers which contain substances or possess the characteristics enumerated in Section 4 of this Article, and/or which in the judgment of the Superintendent, may have a deleterious effect upon the wastewater treatment facilities, processes, or equipment; receiving waters and/or soil, vegetation, and groundwater; or which otherwise create a hazard to life or constitute a public nuisance, the City may:

- (a) Reject the wastes,
- (b) Require pretreatment to an acceptable condition for discharge to the public sewers, pursuant to Section 3 07(b) of the Act and all addendums thereof,

- (c) Require control over the quantities and rates of discharge, and/or,
- (d) Require payment to cover the added costs of handling, treating, and Disposing of wastes not covered by existing taxes or sewer service charges.

If the City permits the pretreatment or equalization of waste flows, the design, Installation, and maintenance of the facilities and equipment shall be made at the owners' expense, and shall be subject to the review and approval of the City pursuant to the requirements of the MPCA.

Section 6. No user shall increase the use of process water or, in any manner, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in Sections 3 and 4 of this Article, or contained in the National Categorical Pretreatment Standards or any State requirements.

Section 7. Where pretreatment or flow-equalizing facilities are provided or required for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation at the expense of the owner(s).

Section 8. 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 Section 4(b), any flammable wastes as specified in Section 3(a), sand or other harmful ingredients; except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of the type to be readily and easily accessible for cleaning and inspection. In the maintaining of these interceptors, the owner(s) shall be responsible for the proper removal and disposal of the captured materials by appropriate means, and shall maintain a record of dates and means of disposal which are subject to review by the Superintendent. Any removal and hauling of the collected materials not performed by the owner's personnel, must be performed by a currently licensed waste disposal firm.

Section 9. Where required by the City, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable structure, or control manhole, with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling, and measurement of wastes. Such structure shall be accessible and safely located, and shall be constructed in accordance with plans approved by the City. The structure shall be installed by the owner at his expense and shall be maintained by the owner to be safe and accessible at all times.

Section 10. The owner of any property serviced by a building sewer carrying industrial wastes may, at the discretion of the City, be required to provide laboratory measurements, tests, or analyses of waters or wastes to illustrate compliance with this Ordinance and any special condition for discharge established by the City or regulatory agencies having jurisdiction over the discharge. The number, type, and frequency of sampling and laboratory analyses to be performed by the owner shall be as stipulated by the City. The industry must supply a complete analysis of the constituents of the wastewater discharge to assure that compliance with Federal,

State, and local standards are being met. The owner shall report the results of measurements and laboratory analyses to the City at such times and in such manner as prescribed by the City. The owner shall bear the expense of all measurements, analyses, and reporting required by the City. At such times as deemed necessary, the City reserves the right to take measurements and samples for analysis by an independent laboratory.

Section 11. All measurements, tests, 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, duration and frequencies are to be determined on an Individual basis subject to approval by the Superintendent.

Section 12. Where required by the City, the owner of any property serviced by a sanitary sewer shall provide protection from an accidental discharge of prohibited materials or other substances regulated by this ordinance. Where necessary, facilities to prevent accidental discharges of prohibited materials shall be provided and maintained at the owner's expense. Detailed plans showing facilities and operating procedures to provide this protection shall be submitted to the Superintendent for review and approval to construction of the facility. Review and approval of such plans and operating procedures shall not relieve any user from the responsibility to modify the user's facility as necessary to meet the requirements of this ordinance. Users shall notify the Sewer and Water Department Head immediately upon having a slug or accidental discharge of substances of wastewater in violation of this ordinance to enable countermeasures to be taken by the Superintendent to minimize damage to the waste-water treatment works. Such notification will not relieve any user of any liability for any expense, loss or damage to the wastewater treatment system or treatment process, or for any fines imposed on the City on account thereof under any State and Federal law. Employers shall insure that all employees who may cause or discover such a discharge, are advised of the emergency notification procedure.

Section 13. No person, having charge of any building or other premises which drains into the public sewer, shall permit any substance or matter which may form a deposit or obstruction to flow or pass into the public sewer. Within thirty (30) days after receipt of written notice from the City, the owner shall install a suitable and sufficient catch basin or waste trap, or if one already exists, shall clean out, repair or alter the same after the period of sixty (60) days, the Superintendent may cause such work to be completed at the expense of the owner or representative thereof.

Section 14. Whenever any service connection becomes clogged, obstructed, broken or out of order, or detrimental to the use of the public sewer, or unfit for the purpose of drainage, the owner shall repair or cause such work to be done as the Sewer and Water Department Head may direct. Each day after three (3) days that a person neglects or fails to so act shall constitute a separate violation of this section, and the Sewer and Water Department Head may then cause the work to be done, and recover from such owner or agent the expense thereof by an action in the name of the City.

Section 15. The owner or operator of any motor vehicle washing or servicing facility shall

provide and maintain in serviceable condition at all times, a catch basin or waste trap in the building drain system to prevent grease, oil, dirt or any mineral deposit from entering the public sewer system.

Section 16. In addition to any penalties that may be imposed for violations of any provisions of this chapter, the City may assess against any person the cost of repairing or restoring sewers or associated facilities damaged as a result of the discharge of prohibited wastes by such person, and may collect such assessment as an additional charge for the use of the public sewer system or in any other manner deemed appropriate by the City.

Section 17. No statement contained in this Article shall be construed as preventing any special agreement or arrangement between the City of Howard Lake and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the City for treatment, subject to payment therefore by the industrial concern, providing that National Categorical Pretreatment Standards and the City's NPDES and/or State Disposal System Permit limitations are not violated.

ARTICLE VII

Section 1. No person(s) shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface or tamper with any structure, appurtenance, or equipment which is part of the wastewater facilities. Any person violating this provision shall be subject to immediate arrest under the charge of a misdemeanor.

ARTICLE VIII USER RATE SCHEDULE FOR CHARGES

Section 1. Each user of sewer service shall pay the charge(s) applicable to the type of Service, and in accordance with the provisions set forth in Ordinance No. 10.02.

ARTICLE IX POWERS AND AUTHORITY OF INSPECTORS

Section 1. The Sewer and Water Department Head or other duly authorized employees of the City, bearing proper credentials and identification, shall be permitted to enter all properties for the purpose of inspection, observations, measurement, sampling, and testing pertinent to the discharges to the City's sewer system in accordance with the provisions of this ordinance.

Section 2. The Sewer and Water Department Head or other duly authorized employees are to obtain information concerning industrial processes which have a direct bearing on the type and source of discharge to the wastewater collection system. An industry must establish that the revelation to the public of the information in question, might result in an advantage to competitors.

Section 3. While performing necessary work on private properties, The Sewer and Water Department Head 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 and growing out of the gauging and sampling operation, except as such may be caused by negligence or failure of the company to maintain safe conditions as required in Article VI, Section 9 of this ordinance.

Section 4. The Sewer and Water Department Head or 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.

ARTICLE X PENALTIES

Section 1. Any person found to be violating any provision of this ordinance, shall be served by the City with written notice stating the nature of 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.

Section 2. Any person who shall continue any violation beyond the time limit provided for in Section 1 of this Article, upon conviction, shall be guilty of a misdemeanor.

Section 3. Any person violating any of the provisions of this ordinance shall become liable to the City for any expense, loss, or damage occasioned by the City by reason of such violation.