

400 Sewer & Water

401. Sewer System

401.01 Definitions. For the purpose of this chapter, the following words and terms shall have the meaning set out below, unless the context specifically indicates otherwise.

- (1) BOD (denoting Biochemical Oxygen Demand) - means the quantity of oxygen utilized in the biological oxidation of organic matter expressed in milligrams per liter, as determined in accordance with standard laboratory procedure as set out in the latest edition of Standard Methods for the Examination of Water and Wastewater.
- (2) Building Drain - means that part of the tower 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 feet outside the inner face of the building wall.
- (3) Building Sewer - means the extension from the building drain to the public sewer or other place of disposal, also called house connection.
- (4) Capital Costs - means all reasonable and necessary costs and expenses incurred by the city in planning, designing, financing, and constructing disposal system facilities, including, but not limited to, costs and expenses for obtaining necessary permits, licenses, approvals and grants for design and construction costs; fees for legal and consulting services; or the acquisition of such facilities.
- (5) COD (denoting Chemical Oxygen Demand) - means the quantity of oxygen utilized in the chemical oxidation of organic matter, expressed in milligrams per liter, as determined in accordance with standard laboratory procedure as set out in the latest edition of Standard Methods for the Examination of Water and Wastewater.
- (6) Combined Sewer - means a sewer originally designed and currently designated to receive both surface water runoff and sewage.
- (7) Commercial Users - means all users of the system classified as industrial users in the Standard Industrial Classification Manual, 1972, U.S. Office of Management and Budget, as amended and supplemented under Division A, B, C, E, and I, but who are excluded from such definition for the purposes of this chapter, because they discharge primarily segregated domestic wastes, or wastes from sanitary conveniences, except that the classification shall not include such exempted users who are otherwise classified in this chapter as domestic users, governmental users, or institutional users.
- (8) Contract Users - means all users who have a written contract with the city to use the city sewer system or city wastewater treatment plant.
- (9) Debt Service - means the principal and interest necessary to pay bonded indebtedness.

- (10) Deduct Meter – means a separate meter used for irrigation or by a manufacturer to record water usage not disposed of through the sewer system. The readings from the deduct meter will reduce the user’s sewer rate (Ord. 09-04, adopted 11-24-09)
- (11) Domestic User - means those establishments of which its related occupations, if any, are usually considered a domestic service and whose discharge consists solely of sanitary wastes.
- (12) Flow - means the quantity of sewage expressed in gallons or cubic feet per twenty-four hours.
- (13) Garbage - means solid wastes resulting from the domestic and commercial preparation, cooking, and dispensing of food, and from the handling, storage or sale of meat, fish, fowl, fruit, vegetables, or condemned food.
- (14) General Municipal Flow - means the total sewage flow discharged to the treatment facilities, minus the flows from industrial users, other municipalities, and contract users and therefore includes sanitary wastes and infiltration. General municipal flow, based on the design of the wastewater treatment facilities, is further defined as flows containing five day BOD concentrations not greater than 200 mg/l and suspended solids concentrations no greater than 225 mg/l.
- (15) General Municipal User - means any user discharging sewage to the general municipal flow other than industrial users, municipalities and other contract users. This category of user includes as sub-categories:
- A. Domestic Users
 - B. Commercial Users
 - C. Institutional Users
 - D. Governmental Users, which are not contract users
- (16) Governmental User - includes those establishments whose function is the administration and/or execution of governmental programs as well as the offices of executives, legislative bodies and agencies which provide general support services for government.
- (17) Industrial User - means any non-governmental user of the wastewater treatment facilities identified in the Federal Standard Industrial Classifications Manual, 1972, office of Management and Budget, as amended and supplemented under the following divisions:
- A. Agriculture, Forestry, and Fishing
 - B. Mining
 - C. Manufacturing
 - D. Transportation, Communication, Electric, Gas and Sanitary Services
 - E. Services

A user in the divisions listed may be excluded and treated as a commercial user if the city determines it will primarily introduce domestic wastes or wastes from sanitary conveniences.

The BOD and suspended solids loads from industrial users will be based on the actual concentrations of those constituents, except that for industrial users with sewage containing BOD and suspended solids concentrations less than the concentrations as defined for general municipal flow, the charges shall be based on concentrations as defined for general municipal flow.

- (18) Industrial Wastes - means the solid, liquid or gaseous wastes resulting from any industrial or manufacturing processes, trade or business, or from the development, recovery or processing of natural resources.
- (19) Institutional User - means those establishments engaged in activities of a non-economic nature, frequently being the performance of services classified as a governmental or commercial user in this chapter.
- (20) Load - means quantities of sewage characteristics such as BOD, SS and other constituents as expressed in milligrams per liter (mg/l) or pounds per twenty-four hours (lbs/24 hours).
- (21) National Pollution Discharge Elimination System Permit (NPDES Permit) - means the system for issuing, conditioning and denying permits for the discharge of pollutants from point sources into the navigable waters, the contiguous zone, and the oceans by the Administrator of the Environmental Protection Agency pursuant to Section 402 and 405 of the Federal Water Pollution Control Act Amendment 1972.
- (22) Natural Outlet - means any cutlet into a watercourse, pond, ditch, lake or other body of surface or ground water.
- (23) Operation and Maintenance Costs (O & M Costs) - means the expenses related to the costs of the operation, maintenance, replacement and administration of the city facilities.
- (24) Other Wastes - shall mean garbage, municipal refuse, decayed wood, sawdust, shavings, bark, lime, sand, ashes, oil, tar, chemicals, offal and other substances except sewage and industrial wastes.
- (25) Person - means any individual, firm, company, associations, society, corporation, municipal corporation, governmental unit, or group.
- (26) pH - means the logarithm of the reciprocal of the concentration of hydrogen ions in grams per liter of solution.
- (27) Process Water - means any water used in the manufacturing, preparation or production of goods, materials or food. Process water is an industrial waste.
- (28) Public Sewer - means any sewer owned or operated by a unit or agency of government.

- (29) Replacement Costs - means costs related to the expenditures for obtaining and installing equipment, accessories, or appurtenances which are necessary to maintain the capacity and performance during the service life of the city facilities for which such facilities were designed and constructed. The term "operation and maintenance" includes replacement.
- (30) Sanitary Sewer - means a sewer which carries sewage and to which storm surface and ground water are not intentionally admitted.
- (31) Sanitary Wastes - means the liquid and water carried wastes discharged from sanitary plumbing facilities.
- (32) Sewage - means the liquid carried waste products from whatever source derived, together with such ground water infiltration and surface water as may be present.
- (33) Sewage or Wastewater - means the water carried waste products from residences, public buildings, institutions, industrial establishments or other buildings including the excrementitious or other discharge from the bodies of human beings or animals, together with such ground water infiltration and storm and surface water as may be present.
- (34) Sewer - means a pipe or conduit for carrying sewage, industrial waste or other waste liquids.
- (35) Sewer Service Charge - means the aggregate of all the charges including the user charge, debt service charges, industrial cost recovery charges and other sewer related charges that are billed periodically to users of the city facilities.
- (36) Sewer System - means pipe lines or conduits, pumping stations, forcemains, and all other devices and appliances appurtenant thereto, used for collecting or conducting sewage, industrial wastes or other wastes to a point of ultimate disposal.
- (37) Sewer Truck Area Charges: These are per acre charges for all undeveloped property, charged at the time of development. Revenue from these charges is used to finance new trunk sewers. (Amended Ord 04-18 12-28-04)
- (38) Significant Industrial User - means any industrial user who discharges sewage which constitutes greater than 10% of the design flow or design pollutant loading of the wastewater treatment plant.
- (39) Slug - means any discharge of water, wastewater or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen minutes more than five times the average twenty-four hour concentration of flows during the normal operation.
- (40) SS (denoting Total Suspended Solids) - means solids that either float on the surface of, or are in suspension in, water, sewage, or other liquids and which are removable by laboratory filtering, in accordance with the latest edition of Standard Methods for the Examination of Water and Wastewater.

- (41) Storm Sewer (sometimes termed "Storm Drain") - means a sewer which carries storm. and surface water and drainage but excludes sewage and industrial wastes other than unpolluted cooling or process water.
- (42) Suspended Solids - means solids that either float on the surface of, or are in suspension in, water, sewage, other liquids and which are removable by laboratory filtering, in accordance with the latest edition of Standard Methods of the Examination of Water and Wastewater.
- (43) Unpolluted Water - means clean water uncontaminated by industrial wastes, other wastes, or any substance which renders such water unclean or noxious, or impure so as to be actually or potentially harmful or detrimental or injurious to public health, safety or welfare, to domestic, commercial, industrial or recreational use, or to livestock, wild animals, bird, fish, or other aquatic life.
- (44) User - means any person, or corporation, or other entity, whether municipal or otherwise, discharging sewage into the city disposal system facilities.
- (45) User Charge - means a charge levied on users of city facilities for the cost of operation and maintenance of such facilities.
- (46) Wastewater Facilities - means the structures, equipment and processes required to collect, carry away, and treat domestic and industrial wastes and dispose of the effluent.
- (47) Wastewater Treatment Works or Treatment Works - shall mean an arrangement of devices and structures for treatment of wastewater, industrial waste, and sludge. Sometimes used as synonymous for "waste treatment plant" or "wastewater treatment plant" or "water pollution control plant" or "sewage treatment plant."

401.02 Use of Public Sewers.

Subd. 1. Treatment Required. It shall be unlawful to discharge to any natural outlet within the city or in any area under the jurisdiction of the city any sewage or other polluted waters, except where suitable treatment has been provided in accordance with this chapter.

Subd. 2. Cesspools. 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 except by variance in accordance with Chapter 1001 of this code.

Subd. 3. Connection Required. The owner of any building or property which is located within the city and from which wastewater is discharged, shall be required to connect to a public sewer at his expense within two years of the date said public sewer is operational, provided that said public sewer is within 150 feet of the structure generating wastewater and said public sewer is located in a public right-of-way or easement for sewer purposes adjacent to the property. 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 being made pursuant to this subdivision, an official ninety day notice shall be served instructing the affected

property owner to make said connection. Prior to connection the property shall have been fully assessed for sewer service or there has been paid to the city for the improvement fund a connection charge equal to the average full assessment in the year prior to the time such connection is made and the fee set in Section 401.08 has been paid.

Subd. 4. City Connection. In the event an owner shall fail to connect to a public sewer in compliance with the notice given, the city may undertake to have said connection made and shall assess the cost thereof against the benefited property and said assessment shall be a lien against said property. Such assessment, when levied, shall bear interest at the legal rate for local improvements and shall be certified to the auditor of the county in which the property is located and shall be collected and remitted to the city in the same manner as assessments for local improvements. The rights of the city under this subdivision shall be in addition to any other remedial or enforcement provisions of this chapter.

Subd. 5. Storm and Other Water. No person shall discharge or cause to be discharged directly or indirectly any storm water, surface water, ground water, roof runoff, subsurface drainage, waste from on-site disposal systems, unpolluted cooling or process water to any sanitary sewer except as permitted by the city. Storm water and all other unpolluted water shall be discharged to a storm sewer, except that unpolluted cooling or process water shall only be so discharged upon approval by the city or other local unit of government.

Subd. 6. Prohibited Discharges. No person shall discharge or cause to be discharged, directly or indirectly, any of the following described substances to any public sewer:

- (1) Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid or gas.
- (2) Any water or wastes 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, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the wastewater treatment works.
- (3) Any water or wastes having a pH lower than 6.0 or having any other corrosive property capable of causing damage or hazard to structures, equipment and personnel of the wastewater treatment works. (Amended Ord. 07-05, May 8, 2007)
- (4) Solid or viscous substances, either whole or ground, in quantities or of such size capable of causing obstruction to the flow in sewers, or other interference with the proper continuation of the wastewater facilities, but not limited to, ashes, cinders, disposable diapers, glass grinding or polishing wastes, stone cuttings or polishing wastes, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails and sanitary napkins, paper dishes, cups, milk containers, and other paper products.
- (5) Noxious or malodorous liquids, gases or substances which either singly or by interaction with other wastes are sufficient to create a public nuisance or hazard to life or are sufficient to prevent entry into the sewers for their maintenance and repair.

- (6) Prohibited wastes shall be regulated in accordance with the city's NPDES permit, Sections 307(a) and 307(b) of the Clean Water Act and all other applicable state and Federal regulations.

Subd. 7. Discharges Allowed by Permit Only. No person shall discharge or cause to be discharged directly or indirectly the following described substances to any public sewer unless a permit for the same has been obtained from the city. Application may be made upon forms provided by the city. Such a permit may be granted by the council only if, in the opinion of the city, such discharge will not harm the wastewater facilities, nor cause obstruction to the flow in sewers, nor otherwise endanger life, limb or public property, nor constitute a nuisance. In forming its opinion as to the acceptability of these wastes, the city may give consideration to such factors as the quantities of the subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment plant, degree of treatability of wastes in the sewage treatment plant, the city's NPDFS permit, and other pertinent factors. The city may make such determinations either on a general basis or as to discharges from individual users or specific discharges, and may prohibit certain discharges from individual users because of unusual concentrations or combinations which may occur. The substances prohibited are:

- (1) Any liquid or vapor having a temperature higher than 150° F (65° C).
- (2) Any water or waste containing fats, wax, grease, or oils, whether emulsified or not, in excess of ten mg/1 or containing substances which may solidify or become viscous at temperatures between 32° and 150° F (0° and 65° C). (Amended Ord. 07-05, May 8, 2007)
- (3) Any garbage that has not been ground or comminuted to such a degree that all particles will be carried freely in suspension under flow conditions normally prevailing in public sewers, with no particles greater than one-half inch in any dimension.
- (4) Any water or wastes containing strong acid, iron pickling wastes, or concentrated plating solutions, whether neutralized or not.
- (5) Any water or wastes containing phenols or other taste or odor producing substances which constitute a nuisance or hazard to the structures, equipment or personnel of the sewage works, or which interfere with the treatment required to meet the requirements of the state and Federal government and any other public agency with proper authority to regulate the discharge from the sewage treatment plant.
- (6) Radioactive wastes or isotopes of such half-life or concentration that they are in non-compliance with regulations issued by the appropriate authority having control over their use or which have caused or may cause damage or hazards to the treatment works or personnel operating it.
- (7) Any water or wastes having a pH in excess of 9.0. (Amended Ord. 07-05, May 8, 2007)
- (8) Materials which exert or cause:

- (a) Unusual concentration of 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).
- (b) Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions).
- (c) Unusual BOD, chemical oxygen demand, or chlorine requirements in such quantities as to constitute a significant load on the wastewater treatment works.
- (d) Unusual volume of flow or concentration of wastes constituting a slug.
- (e) Water or water containing substances which are not amendable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of the NPDES permit or requirements of other governmental agencies having jurisdiction over discharge from the sewage treatment plant.

Subd. 8. City Authority. If any water or wastes are discharged, or are proposed to be discharged, directly or indirectly to the public sewers, which water or wastes do not meet the standards set out in or promulgated in this chapter or which in the judgment of the city may have a deleterious effect upon the treatment works, processes, equipment or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the city may take any or all of the following steps: (Amended by Ordinance No. 03-02 passed June 10, 2003)

- (1) Refuse to accept the discharges, or
- (2) Require control over the quantities and rates of discharge, or
- (3) Require pretreatment to an acceptable conditions for the discharge to the public sewers, or
- (4) Require payment to cover the added cost of handling and treatment wastes, or
- (5) The discharge of any water from sump pumps into the City sewers will be deemed a misdemeanor.
- (6) Sump pumps must be installed and hard plumbed to the exterior of the building on all new residential and commercial construction. Certificate of occupancy will be issued after compliance.

The design and installation of the plant and equipment for pretreatment or equalization of waste flows shall be subject to the review and approval of the city and subject to the requirements of 40 CRF 403, entitled, "Pretreatment Standards" and all applicable codes, ordinances, and laws. (Amended by Ordinance No. 93-04, passed April 13, 1993)

Subd. 9. Interceptors. Grease, oil and sand interceptors shall be provided when they are necessary for the proper handling of liquid wastes containing ingredients. All interceptors required under this subdivision shall be of a type and capacity approved by the city

and shall be located as to be readily and easily accessible for cleaning and inspection. Such interceptors shall not be required for private living quarters or dwelling units. Where preliminary treatment, flow equalizing facilities, or interceptors are provided for any water or wastes, they shall be effectively operated and maintained continuously in satisfactory and effective condition by the owner at his expense, and shall be available for inspection by the city at all reasonable times.

Subd. 10. Industrial Meters. When required by the city, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable control structure, together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling, and measurement of the wastes. Such structures and equipment, when required, shall be constructed at the owner's expenses in accordance with plans approved by the city and shall be maintained by the owner so as to be safe and accessible at all times.

Subd. 11. Measurement Standards . All measurements, tests, and analyses of the characteristics of water and wastes to which reference is made in this chapter shall be determined in accordance with 40 CFR 136 (Guidelines Establishing Test Procedures for analysis of Pollutants); the latest edition of Standard Methods for the Examination of Water and Wastewater, and shall be determined at the control structure provided, or upon suitable samples taken at said control structures. In the event that no special structure has been required, the control structure shall be considered to be the nearest downstream manhole in the public sewer from the point at which the building sewer is connected. Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the sewerage works and to determine the existence of hazards to life, limb, and property. (The particular analyses involved will determine whether a twenty-four hour composite of all outfalls of a premises is appropriate or whether a grab sample or samples should be taken. Normally, but not always, BOD and suspended solids analyses will be obtained from twenty-four hour composite of all outfalls whereas pH's will be determined from periodic grab samples.)

Subd. 12. City Testing. The city may conduct such tests as are necessary to enforce this chapter and employees of the city may enter upon any property for the purpose of taking samples, obtaining information or conducting surveys or investigations relating to such enforcement. Entry shall be made during operating hours unless circumstances require otherwise. In all cases where tests are conducted by the city for the purpose of checking to determine if a previously found violation of this chapter has been corrected, the cost of such tests shall be charged to the user and added to the user's sewer charge. In those cases where the city determines that the nature or volume of a particular user's sewage requires more frequent than normal testing, the city may charge such user for the test, after giving the user ten days written notice of its intention to do so, and the cost thereof shall be added to the user's sewer charge. In any case where industrial wastes are discharged to a public sewer, the city may require the user at his own expense to test his discharge on a regular basis and to report the test results to the city within a reasonable time. All such tests shall be ordered by the city and shall be conducted by qualified personnel and in accordance with the standards set out in Subd. 11 above.

Subd. 13. Accidental Discharges. Accidental discharges of prohibited waste in to the sewage works, directly or through another disposal system, or to any place from which such waste may enter the treatment works, shall be reported to the city by the persons responsible for the discharge, or by the owner or occupant of the premises where the discharge occurred, immediately upon obtaining knowledge of the fact of such discharge.

Subd. 14. Connections Prohibited. New connections to the sanitary sewer system shall be prohibited unless sufficient capacity is available in all downstream facilities, including capacity for flow, BOD, and suspended solids.

Subd. 15. Private Agreements. 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 or character may be accepted by the city for treatment, subject to payment therefore, by the industrial concern, in accordance with applicable regulations and any supplemental agreement with the city.

Subd. 16. City Inspections. The city may conduct inspections to enforce this chapter and employees of the city may enter upon any property for the purpose to inspect the pumping of any water into the city's sanitary sewer system. Entry shall be made during operating hours unless circumstances require otherwise. (Added by Ordinance No. 93-04, passed 4/13/93.)

401.03 Private Sewage Disposal.

Subd. 1. Regulations Adopted. The provision of Minnesota Rules Chapter 7080 are hereby adopted in their entirety with the following additional regulations: (Added by Ordinance No. 97-06, passed March 31, 1997)

- (1) Multiple Tanks will be required, minimum of two (2) tanks for all systems.
- (2) Minimum pump tank capacity will be 1,000 gallons.
- (3) Two (2) soil treatment areas must be designated by proper testing for all existing parcel or parcels to be created or platted and before any building permits will be issued or platting approval given.
- (4) All soil treatment areas must be properly protected at the time of platting and/or before construction begins on any parcel or adjacent parcel.
- (5) Failed systems must be upgraded, replaced or repaired within a minimum of ten (10) months, or at the discretion of the inspector.

Subd. 2. Private Systems. Where a public sanitary or combined sewer is not available under the provision of Section 401.02, the building sewer shall be connected to a private sewage disposal system complying with the regulations adopted in Subdivision 1, above.

401.04 Building Sewers and Connections.

Subd. 1. License Required. It is unlawful for any persons to engage in the work or business of installing private sewer service lines and appurtenances for others without a license therefore from the city.

Subd. 2. License Application. Any person desiring to engage in such work shall make application to the city on forms to be supplied by the city together with a fee as set forth in Chapter 212. Each application shall contain a form whereby the applicant agrees to pay the city the actual cost of repair for any damage caused to the city sewer system by the applicant or any

of his employees or agents. All licenses issued shall be for one year only and each renewal shall be made by application. A plumber licensed by the State Board of Health shall pay no fee to the city, but shall show evidence of the state license before the city issues a license.

Subd. 3. License and Bond. Each applicant shall accompany his application with a certificate of insurance showing public liability insurance coverage with limits of at least \$50,000 per person; \$100,000 per occurrence and \$25,000 for property damage, and a license bond in the amount of \$5,000 with a company and in a form acceptable to the city. The certificate shall specifically state that such insurance covers underground operations and shall contain a provision that the coverage afforded under the policies will not be cancelled or materially changed until at least fifteen days prior written notice has been given to the city. Failure to have such insurance or bond in effect is grounds for denial or revocation of the license.

Subd. 4. Permit Required. No person, unless authorized, shall uncover, make any connections with or openings into, use, alter, or disturb any public sewer or appurtenance thereof, without first obtaining the written permit from the city. Applications shall be on forms provided by the city and shall be accompanied by a fee from time to time established by the city.

Subd. 5. Owner Indemnity. All costs and expenses incident to the installation and connection of the building sewer shall be borne by the owner. The owner shall indemnify and hold harmless the city from any loss or damage to public sewer that may directly or indirectly be occasioned by the installation of the building sewer.

Subd. 6. Separate Sewers. A separate and independent building sewer shall be provided for every building; except where two or more buildings are situated on one parcel such that the parcel may not be subdivided; such a joint use private sewer may be extended to the rear building or buildings and the whole considered as one joint use private sewer. Special variances will be considered by the council.

Subd. 7. Existing Sewer Connections. Old building sewers may be used in connection with new buildings only when they are round, on examination and tested by the city to meet all requirements of this chapter.

Subd. 8. Unused Cesspools. Unused septic tanks, cesspools, leaching pits and similar devices and structures shall be backfilled or made safe and unusable in a manner acceptable to the city.

Subd. 9. Size, Slope, Materials and Placement. The size, slope, alignment, materials of construction of a building sewer, and the method to be used in excavating, placing of the pipe, jointing, testing, and backfilling the trench, shall all conform to the requirements of the building and plumbing code or other applicable rules and regulations. In the absence of code provisions or in amplification thereof, the materials and procedures set forth in appropriate specifications of Water Pollution Control Federation (WPCF) Manual of Practice No. 9 and applicable American Society for Testing Materials (ASTM) Standards shall apply. 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, such building drain shall be provided with a lifting device by an approved means and discharged to the building sewer.

Subd. 10. Construction Regulations. The construction of the building sewer and its connection into the public sewer shall conform to the requirements of the building and plumbing code, the sewer specifications included herein or other applicable rules and regulations and the procedures set forth in appropriate specifications of the Water Pollution Control Federation (WPCF) Manual of Practice No. 9, and the American Society of Testing and Materials (ASTM) all such construction shall be made gas tight and water tight. Any deviation from the prescribed procedures and materials must be approved by the city before installation.

Any new residential or commercial construction commenced after May 10, 1994, is required to have installed a back flow prevention valve on the building's sanitary sewer service line. (Subd. 10 amended by Ordinance 94-08, passed May 10, 1994.)

Subd. 11. City Inspection. Employees of the city shall be allowed to inspect the work at any stage of construction and, in any event, the applicant for the permit shall notify the city when the work is ready for final inspection and no underground portions shall be covered before the final inspection is completed. The connection shall be made under the supervision of the city or the plumbing inspector.

Subd. 12. Barriers and Restoration. All excavations for building sewer installations shall be adequately guarded with barricades and lights so as to protect the public from hazards. Streets, sidewalks, parkways and other public property disturbed in the course of work shall be restored in a manner satisfactory to the city.

401.05 Main and Lateral Sewer Construction. No sanitary or storm sewers shall be constructed in the city (except house or building service sewers) except by the city or by others in accordance with plans and specifications approved by a professional engineer. No such sewers shall be considered to be a part of the public sewer system unless accepted by the City.

401.06 Protection from Damage. No unauthorized person shall break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance, or equipment which is a part of the public sewer.

401.07 Authority of Inspectors. Duly authorized employees of the city bearing proper credentials and identification shall be permitted to enter all properties for the purpose of inspection, observation, measurement, sampling, and testing in accordance with the provisions of this chapter at reasonable times. Those employees shall have no authority to inquire into any processes including metallurgical, chemical, oil, refining, ceramic, paper, or other industries except as is necessary to determine the kind and source of the discharge to the public sewer. While performing the necessary work on private properties referred to in this section, the authorized employees of the city shall observe all safety rules applicable to the premises.

401.08 User Charges. It is the purpose of this section to recover from users of the city facilities, on an equitable basis, the share of the city facilities' costs attributable to such users, and to provide funds for the operation and maintenance, debt service, replacement and improvements of the city.

Subd. 1. Charges Levied. The user charges provided for in this section are hereby levied and assessed upon each lodge, parcel of land, building or premises having any connection with, or discharging either directly or indirectly into the sewer system.

Subd. 2. Computation and Notice. The council shall annually determine and fix the unit costs for use of the city treatment facilities on the basis of flow, BOD, TSS, PH and any other pollutants, taking into consideration the cost of treatment of such sewage, and may increase or decrease such unit cost as often and in such amounts as may reasonably be required to accomplish the purposes of this section. The council shall also determine the costs per unit for debt service involved with system wide sanitary sewer operations. The city shall compute the amount due the city for sewer use charges and render a statement thereof, at periodic intervals, as directed by the council to the owner of any premises using the city facilities. All amounts due hereunder shall be payable at the office of the clerk or other designated locations. The clerk shall, in August of each year, provide to the council, an internal audit report that will address specific areas of concern including: the need to generate sufficient revenue through "user" charges to cover total O & M costs and debt associated with system wide operations; the necessity of maintaining a proportionate system of user charges; the need to review the replacement account to determine its proper level of funding; and a review of industrial users to ensure that each pays its share for the cost of city facilities and industrial waste treatment. (Amended by Ordinance 90-09, passed June 26, 1990; Ordinance 06-13, passed December 12, 2006; Ordinance 08-02, passed February 26, 2008)

Subd. 3. Charges, a Lien. Each charge levied pursuant to this section shall be a lien against the property, and all such charges due on September 30 of each year, more than thirty days past due, and having been properly mailed to the occupant or owner of the premises, shall be certified by the council to the county auditor, shall specify the amount thereof, the description of the premises, the name of the owner thereof, and the amount so certified shall be expended upon the tax rolls against such premises in the same manner as other taxes, and collected by the county treasurer and paid to the city along with other taxes.

Subd. 4. Discontinued Service. The city may shut off sewer service when:

- (1) the charge for such service, or any other financial obligation imposed on the present or former owner or occupant of the premises served is unpaid for 60 days or two billing cycles and in default; or
- (2) failure of the property owner or occupant to implement and maintain within 30 days all sanitary sewer pretreatment requirements ordered by the City's Public Works Director following the discharge of 1) a prohibited substance into the City's sanitary sewer system, or 2) prohibited levels of permitted substances such as PH, BOD, TSS in violation of City ordinance into the City's sanitary sewer system. (Amended 12-12-06 Ordinance 06-13)

Subd. 5. Civil Action. Any charges levied pursuant to this section, and which have been properly sent to the occupant or owner and not paid, may, in addition to all other remedies available to the city, be recovered in a civil action by the city in any court of competent jurisdiction.

Subd. 6. Prohibited Discharges. No person shall discharge or cause to be discharged, directly or indirectly, any of the following described substances to any public sewer:

- (1) Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid or gas.

- (2) Any water or wastes 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, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the wastewater treatment works.
- (3) Any water or wastes having a pH lower than 5 . 5 or having any other corrosive property capable of causing damage or hazard to structures, equipment and personnel of the wastewater treatment works.
- (4) Solid or viscous substances, either whole or ground, in quantities or of such size capable of causing obstruction to the flow in sewers, or other interference with the proper continuation of the wastewater facilities, but not limited to, ashes, cinders, disposable diapers, glass grinding or polishing wastes, stone cuttings or polishing wastes, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails and sanitary napkins, paper dishes, cups, milk containers, and other paper products.
- (5) Noxious or malodorous liquids, gases or substances which either singly or by interaction with other wastes are sufficient to create a public nuisance or hazard to life or are sufficient to prevent entry into the sewers for their maintenance and repair.
- (6) Prohibited wastes shall be regulated in accordance with the city's NPDES permit, Sections 307(a) and 307(b) of the Clean Water Act and all other applicable state and Federal regulations.

Subd. 7. Discharges Allowed by Permit Only. No person shall discharge or cause to be discharged directly or indirectly the following described substances to any public sewer unless a permit for the same has been obtained from the city. Application may be made upon forms provided by the city. Such a permit may be granted by the council only if, in the opinion of the city, such discharge will not harm the wastewater facilities, nor cause obstruction to the flow in sewers, nor otherwise endanger life, limb or public property, nor constitute a nuisance. In forming its opinion as to the acceptability of these wastes, the city may give consideration to such factors as the quantities of the subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment plant, degree of treatability of wastes in the sewage treatment plant, the city's NPDFS permit, and other pertinent factors. The city may make such determinations either on a general basis or as to discharges from individual users or specific discharges, and may prohibit certain discharges from individual users because of unusual concentrations or combinations which may occur. The substances prohibited are:

- (1) Any liquid or vapor having a temperature higher than 150° F (65° C).
- (2) Any water or waste containing fats, wax, grease, or oils, whether emulsified or not, in excess of twenty mg/1 or containing substances which may solidify or become viscous at temperatures between 32° and 150° F (0° and 65° C).
- (3) Any garbage that has not been ground or comminuted to such a degree that all particles will be carried freely in suspension under flow conditions normally

prevailing in public sewers, with no particles greater than one-half inch in any dimension.

- (4) Any water or wastes containing strong acid, iron pickling wastes, or concentrated plating solutions, whether neutralized or not.
- (5) Any water or wastes containing phenols or other taste or odor producing substances which constitute a nuisance or hazard to the structures, equipment or personnel of the sewage works, or which interfere with the treatment required to meet the requirements of the state and Federal government and any other public agency with proper authority to regulate the discharge from the sewage treatment plant.
- (6) Radioactive wastes or isotopes of such half-life or concentration that they are in non-compliance with regulations issued by the appropriate authority having control over their use or which have caused or may cause damage or hazards to the treatment works or personnel operating it.
- (7) Any water or wastes having a pH in excess of 9.0.
- (8) Materials which exert or cause:
 - (a) Unusual concentration of 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).
 - (b) Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions).
 - (c) Unusual BOD, chemical oxygen demand, or chlorine requirements in such quantities as to constitute a significant load on the wastewater treatment works.
 - (d) Unusual volume of flow or concentration of wastes constituting a slug.
 - (e) Water or water containing substances which are not amendable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of the NPDES permit or requirements of other governmental agencies having jurisdiction over discharge from the sewage treatment plant.

Subd. 8. City Authority. If any water or wastes are discharged, or are proposed to be discharged, directly or indirectly to the public sewers, which water or wastes do not meet the standards set out in or promulgated in this chapter or which in the judgment of the city may have a deleterious effect upon the treatment works, processes, equipment or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the city may take any or all of the following steps: (Amended by Ordinance No. 03-02 passed June 10, 2003)

- (1) Refuse to accept the discharges by plugging or otherwise blocking the premises' sewer discharge pipe at or before it connects with sanitary sewer main, or within the sanitary sewer main, or
- (2) Require control over the quantities and rates of discharge, or
- (3) Require payment to an acceptable conditions for the discharge to the public sewer, or
- (4) Require payment to cover the added cost of handling and treatment wastes, or
- (7) The discharge of any water from sump pumps into the City sewers will be deemed a misdemeanor.
- (8) Sump pumps must be installed and hard plumbed to the exterior of the building on all new residential and commercial construction. Certificate of occupancy will be issued after compliance.
- (9) The city shall have authority to immediately discontinue sewer service to a customer who is found to be discharging wastes into the cities system which are in violation of this ordinance. (Amended Dec. 12, 2006 06-13)

The design and installation of the plant and equipment for pretreatment or equalization of waste flows shall be subject to the review and approval of the city and subject to the requirements of 40 CRF 403, entitled, "Pretreatment Standards" and all applicable codes, ordinances, and laws. (Amended by Ordinance No. 93-04, passed April 13, 1993)(Amended by Ordinance 06-13, passed 12-12-06)

Subd. 9. Liability for Fines Levied Upon the City. Any person or entity which discharges prohibited substances into the City sanitary sewer system which causes the wastewater treatment plant to violate its state discharge permit requirements such that a fine is Imposed upon the City by the Minnesota Pollution Control Agency or other state or federal agency, shall be liable to the City for the amount of such fine(s). Any such fines shall be paid to the City within 30 days of billing by the City. (Amended Ordinance 06-13, December 12, 2006)

Subd. 10. Charges for General Users - Domestic, Commercial, Institutional and Governmental Users.

- (1) The city will determine a user fee annually and a SAC fee annually to maintain the operations, maintenance and debt service for wastewater treatment facilities. The Sewer Access Connection (SAC) fee is to be paid at the time at which a building permit or a sewer connection permit is issued for all buildings to be constructed or connected to the sewer system on or after the effective date of this chapter. No charge shall be due upon the issuance of a connection permit if a charge was paid upon issuance of a building permit. The sewer access connection charge for each building or structure shall be equal to the number of units of sewage volume which will discharge multiplied by the amount established by Resolution of the City Council. The sewer access connection (SAC) charge shall increase as adopted in the CIP per unit of sewage volume for buildings or structures connecting to the city wastewater collection and treatment system. The equivalent units of sewage volume shall be, assigned as follows:

(Ordinance 14-04, adopted June 10, 2014)

Standard Sewage Volume Units For Various Residential Dwellings

| | |
|---|----------|
| Single family houses, townhouses, and duplex units | 1.0 Unit |
| Condominiums and apartment units | 0.8 Unit |
| Mobile homes | 0.8 Unit |
| Public housing units subsidized under any Federal Program for low and moderate income housing | 0.8 Unit |

Standard Sewage Volume Units for Various Commercial, Public and Institutional Facilities

SAC Criteria

| <u>FACILITY</u> | <u>PARAMETER</u> | <u>SAC</u> |
|---|-------------------|------------|
| Animal Clinic (humane societies, animal research, boarding, etc.) | | |
| Animal holding areas | 17 f.u. | 1 |
| Animal runs | 34 f.u. | 1 |
| Archery (6 feet lane) | 6 lanes | 1 |
| Arenas (bleachers 18 inches/person) | 110 seats | 1 |
| Auditoriums (7 square feet/person) | 110 seats | 1 |
| Automobile Service | | |
| Fast service (less than 4 hours per car) | 2 service bays | 1 |
| Major service (more than 4 hours per car) | 14 employees | 1 |
| Car Dealership (charge for office, retail, etc. at established rates) | | |
| Fast Service (# service bays x 30%) | 2 service bays | 1 |
| Major Service (# service bays @ 70% x 1 employee/bay) | 14 employees | 1 |
| Ballroom (exclude dance floor) | | |
| Facility without liquor service | 825 square feet | 1 |
| Facility with liquor service | 590 square feet | 1 |
| Bank (exclude cash vault) | 2,400 square feet | 1 |
| Banquet Room (15 square feet/person) | | |
| Food catered | 2,060 square feet | 1 |
| Food catered with dishwashing | 1,180 square feet | 1 |
| Food catered with liquor | 1,028 square feet | 1 |
| Food preparation and dishwashing | 825 square feet | 1 |
| Food catered with dishwashing and liquor | 750 square feet | 1 |
| Food preparation, dishwashing and liquor | 590 square feet | 1 |
| <u>FACILITY</u> | <u>PARAMETER</u> | <u>SAC</u> |

| | | |
|--|---------------------------------|-----------------|
| Barber | 4 chairs | 1 |
| Batting Cages (6 feet/lane) | 6 lanes | 1 |
| Beauty Salon | 4 cutting stations | 1 |
| Bingo Hall (used only for bingo) | 110 seats | 1 |
| Boarding House (dorm rooms) | 5 beds | 1 |
| Body Shop (major service - more than 4 hours per car no vehicle washing) | 14 employees | 1 |
| Bowling Alleys (does not include bar or dining area) | 3 alleys | 1 |
| Camps (# gallons x occupant or site) | | |
| Children's' Camps (central toilet and bath; overnight, primitive cabins) (# occupants x 50 gallons occupant) | 274 gallons | 1 |
| Day Camps (no meals) (# occupants x 10 gallons/occupant) | 274 gallons | 1 |
| Labor/Construction Camps (# occupants x 50 gallons/occupant) | 274 gallons | 1 |
| Resorts (housekeeping cabins) (# occupants x 60 gal./occupant) | 274 gallons | 1 |
| Travel Trailer Parks | | |
| with water and sewer hookup (# sites x 100 gallons/site) | 274 gallons | 1 |
| with central toilet and showers (# sites x 75 gallons/site) | 274 gallons | 1 |
| sanitary dump (sites without hookup) (# sites x 10 gal./site) | 274 gallons | 1 |
| Car Wash (CONTACT COB FOR DETERMINATION) | | |
| Catering (CONTACT COB FOR DETERMINATION) | | |
| Churches (for sanctuary, nave, chancel) (7 square feet/person - seating area) (remainder use other criteria) (sacristy, ambulatory - no charge) | 275 seats | 1 |
| Cocktail Lounge (no food service) | 23 seats | 1 |
| Coffee Shop (no food service) | 23 seats | 1 |
| Correction Facility (prison) <u>FACILITY</u> | 2.5 inmates <u>PARAMETER</u> | 1 <u>SAC</u> |

| | | |
|---|-------------------|---|
| Court Rooms | 1,650 square feet | 1 |
| Dorm Rooms: On/off campus students (charge additional for classrooms) | 5 students | 1 |
| Daycare (number of children licensed for) | 14 children | 1 |
| Child/Adult Play Area (not licensed) | 490 square feet | 1 |
| Dry Cleaners (retail) | 3,000 square feet | 1 |
| Elderly Housing (100% of current SAC Rate) (no washer/dryer each unit) | 3 people | 1 |
| (washer/dryer each unit) | 2.5 people | 1 |
| *Three bedroom unit with washer/dryer (separate from formula below) | | |
| (# of one bedroom units x 1.5 people/unit) | | |
| + of two bedroom units x 2.0 people/unit) | | |
| <u>+ of three bedroom units x 3.0 people/unit)</u> | | |
| (total # of people) | | |
| Exercise Area/Gym (juice bars - no charge) (sauna, whirlpool included) | 700 square feet | 1 |
| No showers 2,060 square feet | | |
| Fire Station (charge for office, meeting rooms, etc. at established rates) | | |
| Washing (hose tower, trunk) | 274 gallons | 1 |
| Full time (overnight people) | | |
| (75 gal/person)/274 gallons | 274 gallons | 1 |
| Volunteer (occasional overnight) | 14 people | 1 |
| Funeral Home | 770 square feet | 1 |
| (charge viewing areas only - chapel, viewing areas, etc.) | | |
| Apartment (1 apartment) | | 1 |
| Game Room (billiards, video and pinball games) | | |
| With bar | 590 square feet | 1 |
| Without bar | 2,060 square feet | 1 |
| Golf Course (if showers - use locker room criteria) | | |
| 18 hole | | 3 |
| 9 hole - par 3 | | 2 |
| Miniature | | 1 |
| Country club (private) | | |
| Dining room (evenings and weekends) | 15 seats | 1 |

| <u>FACILITY</u> | <u>PARAMETER</u> | <u>SAC</u> |
|--|--------------------|------------|
| Bar and grill (bar and grill separate) | | |
| Bar | 23 seats | 1 |
| Grill | 15 seats | 1 |
| Golf Dome or Driving Range | 6 driving stations | 1 |
| Greenhouse | | |
| Area not open to public | 15,000 sq. feet | 1 |
| Area open to public | 5,000 sq. feet | 1 |
| General retail area | 3,000 sq. feet | 1 |
| Group Home | | |
| Secondary treatment (residents leaving during the day) | 5 beds | 1 |
| Primary treatment (residents stay all day) | 3 beds | 1 |
| Guest Rooms (apartment or condominium) (charge SAC as apartment) | | |
| Washer/dryer | 100% (of Current | |
| No washer/dryer | 80% SAC Rate) | |
| No kitchen | 50% | |
| Handball and Racquetball Courts | 1 court | 2 |
| Hospitals (licensed beds or baby cribs) (does not include outpatient clinic) | 1 bed | 1 |
| Outpatient clinic (plumbing fixture units) | 17 f.u. | 1 |
| Sterilizers (4 hours x gpm x 60 minutes) | 274 gallons | 1 |
| X-ray film processors (continuous operation 9 hours) (intermittent operation 4 hours) (operation time (hrs) x gpm x 60 minutes). | 274 gallons | 1 |
| Vacuum device (Dental office) (9 hours x gpm x 60 minutes) | 274 gallons | 1 |
| Ice Arena | | |
| Showers (see LOCKER ROOMS) | | |
| Team Rooms (plumbing fixture units) | 17 f.u. | 1 |
| Bleachers | 110 seats | 1 |
| Zamboni (if discharge going to sanitary sewer) | | 4 |
| Laundromat (requires water volume for cycle time, 8 cycles/day) | 274 gallons | 1 |
| Library (subtract book storage areas, file areas - charge common plumbing fixture units in public areas) | 17 f.u. | 1 |
| <u>FACILITY</u> | <u>PARAMETER</u> | <u>SAC</u> |

| | | |
|---|-------------------|------------|
| Meeting rooms, board rooms, reception, book checkout offices | 2,400 square feet | 1 |
| Loading Dock | 7,000 square feet | 1 |
| Locker Rooms (if showers -20 gallons/person) | 14 lockers | 1 |
| Medical Clinic (See HOSPITALS, Outpatient Clinic) | | |
| Meeting Rooms (conference rooms) | 1,650 square feet | 1 |
| Mini-storage (storage area - no charge) | | |
| Living area | | 1 |
| Public restroom (plumbing fixtures) | 17 f.u. | 1 |
| Mobile Home | | 1 |
| Motels and Hotels (assume 2 persons/room) | 2 rooms | 1 |
| (pools, saunas, Jacuzzis, game rooms, or exercise rooms exclusively used by guests - no charge) | | |
| Breakfast only (complimentary) | 45 seats | 1 |
| Cocktail hour (complimentary) | 55 seats | 1 |
| Kitchenettes | | |
| (# kitchenettes x 10 gallons/day) | 274 gallons | 1 |
| Museum | 2,400 square feet | 1 |
| Nursing Home | 3 beds | 1 |
| Office | | |
| General office (deduct mechanical rooms, elevator shafts stairwells, restroom and storage areas) | 2,400 square feet | 1 |
| Dental, Doctors see hospital | | |
| Police Station (charge as office) | | |
| Cells (overnight jail) | 3 people | |
| (no overnight people - holding area) | 14 people | 1 |
| Recording/Filming Studios | 7,000 square feet | 1 |
| Restaurant (drive-in) | 9 parking spaces | 1 |
| Restaurant (fast food) | 22 seats | 1 |
| (disposable paper plates, glasses, and silverware) | | |
| Restaurant (full service) | 8 seats | 1 |
| (washable silverware, glasses, and dishes) | | |
| Retail Stores (deduct mechanical rooms, elevator shafts stairwells, restrooms and unfinished storage areas) | 3,000 square feet | 1 |
| <u>FACILITY</u> | <u>PARAMETER</u> | <u>SAC</u> |

| | | |
|--|-------------------|---|
| Rifle Ranges (handgun ranges - 6 feet/lane) 6 lanes | | 1 |
| Roller Rink (skating area) | 825 square feet | 1 |
| Rooming Houses (no food service) | 7 beds | 1 |
| RV Dumping Station (not in association with camp grounds) | | 1 |
| Schools (Sunday - 30 square feet/student) | 55 students | 1 |
| Schools (elementary - 15 gallon/student - 30 square feet/student) | 18 students | 1 |
| Schools (college, TV [30 square feet/student) | 18 students | 1 |
| Lecture halls (15 square feet/student) | 18 students | 1 |
| Labs (50 square feet/student) | 18 students | 1 |
| Dorm rooms (on/off campus students) | 5 students | 1 |
| Schools (nursery - number of children licensed for) | 14 students | 1 |
| Church (nursery - during worship service only - 30 sq. ft./child) | 55 students | 1 |
| Nursery (health clubs, bowling alleys, etc.) | 2,400 square feet | 1 |
| Schools (secondary - 30 sq. ft./student - 20 gallons/student) | 14 students | 1 |
| Labs (50 square feet/student) | 14 students | 1 |
| Service Station | | |
| Gas pumping | | 1 |
| Convenience center | 3,000 square feet | 1 |
| Service bays | 2 bays | 1 |
| Car Wash (See CAR WASH) | | |
| Swimming Pools (public - pool area) (private residential, townhouse, condominiums, hotels, motels or apartments - no charge) | 900 square feet | 1 |
| Tanning Rooms | 3,000 square feet | 1 |
| Tennis Courts(public, shower facilities available) | 1 court | 2 |
| Theater | 64 seats | 1 |
| Theater (drive-in - parking spaces) | 55 spaces | 1 |

| <u>FACILITY</u> | <u>PARAMETER</u> | <u>SAC</u> |
|--|--------------------|------------|
| Vehicle Garage | | |
| Employees stationed in garage | 14 employees | 1 |
| Vehicle drivers (per day) | 28 drivers | 1 |
| Vehicle washing (# vehicles/day x gpm x minutes/vehicle) | 274 gallons | 1 |
| Warehouses (assembly areas) | 7,000 square feet | 1 |
| Office/Warehouse (speculative - must be reviewed on finishing permits) | | |
| Minimum 30% office | 2,400 square feet | 1 |
| Maximum 70% warehouse | 7,000 square feet | 1 |
| Whirlpool (doctors office/clinic, therapy - # gal./fill x 8 fills/day) | 274 gallons | 1 |
| Yard Storage Buildings (example: lumber storage) (customer pickup, no permanent employees) | 15,000 square feet | 1 |
| Plumbing Waste Fixture Units* (17 f.u. = 1 SAC) | | |

| <u>Type of fixture</u> | <u>Fixture unit value (f. u.)</u> |
|---|-----------------------------------|
| Drinking fountain | 1 |
| Floor drain 2 inch waste (only if hose bib included) | 2 |
| 3 inch waste (only if hose bib included) | 3 |
| 4 inch waste (only if hose bib included) | 4 |
| Trench drain: per 6 foot section | 2 |
| Sinks lab in exam room, bathroom kitchen, and others | 1 |
| surgeon | 2 |
| janitor | 3 |
| | 4 |
| Water closet | 6 |

* If not included in list, use plumbing code

The areas listed in the parameters include all interior areas utilized by the public and the employees for the conduct of the facility.

The number of standard sewage volume units for a facility not included in the above list shall be determined by the council. A request for determination should be made prior to the issuance of a building permit.

- A. All building permits issued by the city for alterations and/or additions to existing buildings or structures will be subject to a sewer access connection (SAC) charge if the addition or alteration will increase wastewater discharge. The number of equivalent residential units will be

determined in the same manner as above described. (Ordinance No. 09-04, adopted November 24, 2009)

B. All sewer user charges shall be based either upon the amount of water used per month as per the meter records, or based upon the average water meter records from November 15th to April 15th applied per thousand. The property owner may change their billing method in the month of December each calendar year, with that method of billing being applied for the duration of the following calendar year. Under the averaging method, the five months water usage shall be divided by five to determine the average sewer user charge applied per thousand gallons. All user charges and rates shall be established by Resolution of the City Council. (Ordinance 14-06, adopted September 23, 2014)

(2) If a general user does not have a water meter, the user charge for operation and maintenance, shall be based on the equivalent standard number of sewage volume units. Therefore, a unit sewage volume shall be 100,000 gallons per year. (Ordinance No. 09-04, adopted November 24, 2009)

401.09 Maintenance of Sanitary Sewer Laterals:

Subd. 1. Private Utility Lines. Maintenance of sewer laterals, consisting of the service pipe from the structure located on the property that conveys sewage from the structure to the sanitary sewer main, shall be the responsibility of the owner of the property served by such sewer lateral. Maintenance of such sewer lateral shall include, but shall not be limited to, replacement, repair, unclogging, televising, and prevention of infiltration of ground or surface water into such sewer lateral. The property owner may not excavate in the right of way of any City Street without first obtaining the written permission of the City's Public Works Director, and may be required to post a bond or cash surety with the City as may be required by the City's Public Works Director before beginning work in the City right of way and must observe all conditions which the Public Works Directors places on such excavation work. All such repair and replacement of the sewer lateral shall conform to the City Engineer's standards for such work, including the type of materials used in the repair or replacement.

Subd. 2. Failure of Property Owner to Maintain Sanitary Sewer Laterals. In the event the City Public Works Director identifies damage to or a defect in the sanitary sewer lateral, the property owner whose property is served by such sanitary sewer lateral shall repair such damage or defect to the sanitary sewer lateral within the time period required by the City's Public Works Director. In the event the property owner fails to repair such damage or defect, the property owner shall be subject to a monthly sewer service fee of \$100 in addition to the property owner's normal sanitary sewer bill, and such \$100 service fee shall continue until such damage or defect is properly repaired. In addition, the City shall have the authority (but not the obligation) to repair or replace such defective private sewer laterals and to assess the costs incurred to the affected properties pursuant to Minn. Stat. 429.101.

Subd. 3. Televising of Sewer Laterals. Periodically, the City may desire to televise the sanitary sewer lateral from the sewer main to the structure which the sewer lateral serves to determine the condition of the sewer lateral and whether the sewer lateral is allowing water to infiltrate into the City's sanitary sewer system. If a property owner refuses to let the City televise that portion of the sewer lateral that is not located in the right of way, the property owner shall

be responsible for televising said sewer lateral in a manner acceptable to the City and providing the City with a copy of such televising within 20 days of request by the City. If the property owner fails to provide the City with a copy of such televising, the property owner shall be subject to a monthly sewer service fee of \$100 in addition to the property owner's normal sanitary sewer bill, and such \$100 service fee shall continue until such time as acceptable televising results are provided to the City by the property owner. (Ordinance 14-01, adopted February 11, 2014)

401.10. Penalties. Any person found to be violating any provisions of this chapter 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 violation. Any person who shall continue any violation beyond the time limit set in the notice shall be guilty of violating this code. In addition to any penalty assessed for violation of this code, any person violating regulations in this chapter shall become liable to the city for any expense, loss or damage occasioned by the city by reason of such violation. (Ordinance No. 09-04, adopted November 24, 2009)

402. Water System

402.01 Connections. No person shall make or cause to be made any connection to the municipal water system, unless the property has been fully assessed for water service or there has first been paid to the city for the improvement fund a connection charge equal to the average full assessment, in the year prior to the time such connection is made and the charge set in Section 402.12 has been paid.

402.02 Permit Required. No person shall open, make any connection with or opening into, use, alter, or disturb any public water line or appurtenance thereof without first obtaining a written permit from the utilities superintendent as follows:

- (1) No person except a plumber duly licensed by the city or a duly authorized employee of the city, will be permitted to do any work on service pipe or water meters connected with the water system.
- (2) Application for water service shall be made on printed forms, shall state the legal description, the PID, and street and official house numbers of the premises to be supplied, and the nature of the improvement to be done. Application shall be signed by the owner of such premises or his authorized agent or by the occupant or person in possession thereof. Each applicant, by such application, shall subscribe to and be obliged to be bound by such rules and regulations.
- (3) The charge for tapping mains and the amount of the utility installation fee hereinafter specified shall be paid at the time the application is submitted and before the service is installed.
- (4) The plumber requesting the tap shall give notice at least eight business hours in advance of his need. The plumber must help uncover the rain and locate the tap if requested by the superintendent.
- (5) Only the city crews or the city's authorized contractor may tap into the water lines, all others are prohibited from doing so.
- (6) No water will be turned on until all charges and fees are paid, including any unpaid usage charges and late payment penalties for the premises.
- (7) The written permit must be on display at the site of the work at all times.
- (8) The permit and inspection fee for connecting to the water system is assessed in Chapter 212. (Amended Ord 09-05, 12-22-09)

402.03 Water Meters.

Subd. 1. Control and Regulation. The city shall exclusively own and control the water meters to be used in the water system. All water meters shall be installed in accordance with the following regulations:

- (1) Water meters may be installed by the utilities superintendent. (Amended Ord 09-05, 12-22-09)

- (2) The service pipe from the city water main to the meter shall be 1" K copper pipe, unless otherwise directed by the utilities superintendent. (Amended by Ordinance 92-12, passed May 12, 1992.)
- (3) The service pipe from the city water main to the meter, where the same enters the building, shall be brought through the floor in a vertical position.
- (4) The meter shall be so located that the bottom is from twelve to eighteen inches above the finished floor line. The meter shall not be set more than twelve inches, measured horizontally, from the inside line of the basement wall. Deviation from these standards may be made only with written permission of the utilities superintendent. An approved yoke or horn shall be provided to support the meter in the proper vertical position. Meters larger than one inch shall be set on a pedestal.
- (5) All meter installations shall have a gate valve on the street side of the meter. In no case shall there be more than twelve inches of pipe exposed between the point of entrance through the floor and the gate valve. A gate valve shall also be installed on the house side of the meter.
- (6) The consumer is prohibited from obstructing the meter so as to prohibit the reading, or repairing of the meter.
- (7) It shall be unlawful for anyone to misread or to tamper with any meter so as to avoid charges for water.
- (8) It shall be unlawful for anyone to bypass a meter, or otherwise use city water without making just compensation therefore, except as may be specifically authorized in this Chapter.
- (9) The service pipe from the city water main to the stop box, and the stop box and cover at the main and boulevard are the property of the city and all persons are forbidden to interfere with them. (Ordinance 09-05, adopted December 22, 2009)

Subd. 2. Damage. If any meters are damaged by freezing, hot water, etc., either by carelessness or neglect of the owner or occupant of the premises or other agents, the owner or occupants must pay for the repairs of such damages. The cost of ordinary maintenance and repairs of all meters owned by the city shall be borne by the city.

Subd. 3. Testing. At the written request of any user, the utilities superintendent will test or cause to be tested the meter supplying the premises of such owner or consumer. A deposit of \$25.00 will be required before the meter is disconnected which will be returned to the owner or consumer if the meter is not found to be registered correctly within 3%, otherwise the deposit so made shall be retained by the city to cover the cost of such tests. The owner or consumer may, if he desires, be present at the time any such test is made. The result of any such test shall be reported to such owner or consumer in every case. If the testing of a meter, as hereinabove provided, indicates that it registers in excess of 3% error, the charge to the consumer for water consumed and used during the quarter within which such test is made shall be adjusted in a fair and equitable manner.

Subd. 4. Installation Fee. A utility installation fee shall be paid by the user when every water meter is installed. The fee will be as set forth in Chapter 212 for a 3/4 inch meter and remote reader. The fees for larger meters will be set according to their cost to the city. Fees paid are not refundable.

402.04 Service Pipe. The service pipe from the stop box to the meter and the connections thereto shall be the property of the user. The pipe must be protected and maintained by him. In the event such user shall fail to make any necessary repairs to such service connections or pipe within twenty-four hours after being notified to do so by the utilities superintendent, the superintendent shall forthwith disconnect the city water from the premises.

402.05 City Liability. The city shall not be liable for any damages resulting from stoppage of the supply or flow of water as the result of breaks in any mains, service pipes, or fixtures, or by reason of the breaking of machinery or stoppage for necessary repair, or any other interruption of service.

402.06 City Inspection. The superintendent or any authorized employee of the city shall have free access, at all reasonable hours, to premises to ascertain the location or condition of all hose connections, pipes and plumbing fixtures.

402.07 Service Initiation.

Subd. 1. Written Authorization and Meter. No person shall turn on city water to any premises without having written authorization from the plumbing inspector and until a meter has been placed on the service and in such manner that it will register all water consumed and all other parts of the plumbing and pipe fitting in and about the premises are in full compliance with the rules and regulations of this chapter and all other applicable regulations.

Subd. 2. Connection Prohibited. No person shall make any connection with any service pipe which is not in use between the water mains and the meters, without obtaining a written permit from the utilities superintendent for the performance of such work. No person shall make any replacement tap or connect any tap or connection theretofore made in any water main without shutting off the water in such old tap or connection at the corporation in the water main.

402.08 Discontinued Service. (Amended Ordinance 06-13, December 12, 2006)

Subd. 1. Voluntary. Any person desiring to discontinue the use of city water shall notify the utilities superintendent to that effect, who shall have the service at the curb stop box cut off by authorized personnel. No unauthorized person shall cut off the water service. Where city water has been turned off, it will be turned on only when:

- (1) A fee as set forth in Chapter 212 is paid; and
- (2) All unpaid fees, usage charges and late payment penalties are paid.

Subd. 2. Involuntary. In addition to the provisions of 402.08, Subdivision 1, water service may be shut off at any stop box connection whenever:

- (1) The owner or occupant of the premises served, or any person working on any pipes or equipment thereon which are connected with the watery system, has violated or threatens to violate any of the provisions of this chapter.
- (2) Any charge for water, service, meter, or any other financial obligation imposed on the present or former owner or occupant of the premises served is unpaid for 60 days or two billing cycles and in default. (Amended 12-12-06 Ordinance 06-13)
- (3) Fraud or misrepresentation by the owner or occupant of the premises served in connection with any application for service.
- (4) Failure of the property owner or occupant to implement and maintain within 30 days all sanitary sewer pretreatment requirements ordered by the City's Public Works Director following the discharge of 1) a prohibited substance into the City's sanitary sewer system, or 2) prohibited levels of permitted substances such as PH, BOD, TSS in violation of City ordinance into the City's sanitary sewer system.
- (5) The owner or occupant of the premises serves, or any person under the control of the owner or occupant of the premises, discharges a prohibited waste into the City's sanitary sewer system in such a manner as to constitute an imminent public health threat, the City may, on an emergency basis, and without notice to the owner or occupant, shut off water service to the premises until such time as the imminent public health threat is alleviated.

Subd. 3. Procedure for Involuntary Termination. A. Except as provided in Section 402.08, Subd. 2 (5) of the City Code, water shall not be shut off until notice and an opportunity for a hearing has first been given the occupant of the premises and, if different from the occupant, the application for water service. Notice shall be served by leaving it at the premises served and, if different than the address served, by mailing copy of the same to the address shown on the application. The notice shall state the reasons for shut off of water service and that the same will be shut off on a specified date not less than ten days after the notice is served if the condition causing the shut off is not rectified. The notice shall further state that a hearing before the City Council on such shut off may be demanded in writing delivered to the City Administrator within five business days after service of the notice of shut off. If a hearing is requested, service shall not be discontinued until such hearing has been held. If, as a result of the hearing, the City Council finds that a violation has occurred which justifies shut off under this chapter, the water service may be shut off.

402.09 Emergency Board. (Amended by Ordinance No. 04-12, dated August 10, 2004)

Subd. 1. Board Established. Because critical shortages of water may result from time to time and such shortage may come about suddenly, emergency procedures are hereby established. These procedures must be followed at all times, when the emergency board hereinafter establishes or the council determines that any emergency exists. The emergency board shall consist of the mayor and the utilities superintendent.

Subd. 2. Powers. Whenever, in the judgment of the emergency board, the pressure or quantities of water in any part of the city water system have become or are about to become inadequate for fire or other needs, the emergency board shall declare a water emergency and shall impose necessary water use restrictions to abate such emergency and shall post and publicize such restrictions. Thereupon such of the restrictions as are found to be necessary shall be in effect until the next following council meeting when such restrictions shall be confirmed, removed or modified. Such restrictions shall remain in effect until removed by action of the council. Notice of such restrictions shall be published in the city's official and legal newspaper at the first opportunity, and at such other times as the council deems reasonably necessary. If necessary to preserve the public health, safety and welfare and/or the water supply system during an emergency, the emergency board may terminate water service to any or all users. Such termination if intended to last beyond emergency duration shall be approved by the city council.

Subd. 3. Watering Ban. The City has an even/odd watering ban which is determined by your address, for instance, if your address is an odd number, you may water outdoors on odd numbered days of the month. City Staff and the Wright County Sheriff's Department will enforce the water ban. Any one found in violation of this ban will be fined or prosecuted as a misdemeanor punishable by a fine of up to \$1,000.00. (Amended Ordinance 06-02, January 10, 2006)

402.10 Private Water Supplies. No water pipe of the municipal water supply shall be connected with any pump, well, pipe, tank or any device that is connected with any other source of water supply and when such are found, the utilities superintendent shall notify the owner or occupant to disconnect the same and, if not immediately, the water supply shall be turned off. Before any new connection to the city system is permitted, the utilities superintendent shall ascertain that no cross-connections will exist when the new connection is made.

402.11 Water Rates.

Subd. 1. Rates. Water rates and base fees will be periodically established by a duly adopted resolution adopted by the council. (Ordinance 14-04, adopted June 10, 2014)

Subd. 2. Responsibility. The owner of the property which is being furnished with water or sewer by the city shall be responsible for the payment of the said water or sewer bills.

Subd. 3. Due Date and Penalty. The city shall compute the amount due the city for water and sewer use charges on or about the 15th of each month and render a statement of the charges due within 15 days, at periodic intervals as directed by the council, to the owner of any premises using the city facilities. There shall be added to all statements not paid when due a penalty charge of 10% of all unpaid charges and penalties per month, or \$1.00 per month, whichever is greater for each month or fraction thereof, said statement remains unpaid. It shall be the duty of the city to endeavor to promptly collect delinquent accounts and in all cases where satisfactory arrangements have not been made instructions shall be given to discontinue service by shutting off the water and sewer at the stop box. All delinquent accounts shall be certified to the clerk/treasurer, who shall prepare an assessment rule each year providing for assessment of the delinquent amounts against the respective property served. This assessment rule shall be delivered to the council for adoption on or before October 1 of each year, and upon approval thereof, the clerk/treasurer shall certify to the county auditor the amount due, and the county auditor shall thereupon enter such amount as part of the tax levy on said premises to be

collected during the ensuing year. Such action may be optional or subsequent to taking legal action to collect delinquent accounts. (Ordinance 09-05, adopted December 22, 2009)

402.12 Charges for General Users - Domestic, Commercial, Institutional and Governmental Users.

- (1) The city will determine a user fee annually and a SAC fee annually to maintain the operations, maintenance and debt service for wastewater treatment facilities. The Sewer Access Connection (SAC) fee is to be paid at the time at which a building permit or a sewer connection permit is issued for all buildings to be constructed or connected to the sewer system on or after the effective date of this chapter. No charge shall be due upon the issuance of a connection permit if a charge was paid upon issuance of a building permit. The sewer access connection charge for each building or structure shall be equal to the number of units of sewage volume which will discharge multiplied by the amount established by Resolution of the City Council. The sewer access connection (SAC) charge shall increase as adopted in the CIP per unit of sewage volume for buildings or structures connecting to the city wastewater collection and treatment system. The equivalent units of sewage volume shall be, assigned as follows: (Ordinance 14-04, adopted June 10, 2014)

Standard Water Volume Units
For Various Residential Dwellings

| | |
|---|----------|
| Single family houses, townhouses, and duplex units | 1.0 Unit |
| Condominiums and apartment units | 0.8 Unit |
| Mobile homes | 0.8 Unit |
| Public housing units subsidized under any Federal program for low and moderate income housing | 0.8 Unit |

Standard Water Volume Units for Various Commercial,
Public and Institutional Facilities

The areas listed in the parameters include all interior areas utilized by the public and the employees for the conduct of the facility.

Exhibit A: SAC Criteria

| <u>FACILITY</u> | <u>PARAMETER</u> | <u>WAC</u> |
|---|------------------|------------|
| Animal Clinic (humane societies, animal research, boarding, etc.) | | |
| Animal holding areas | 17 f.u. | 1 |
| Animal runs | 34 f.u. | 1 |
| Archery (6 feet lane) | 6 lanes | 1 |
| Arenas (bleachers 18 inches/person) | 110 seats | 1 |
| Auditoriums (7 square feet/person) | 110 seats | 1 |

| <u>FACILITY</u> | <u>PARAMETER</u> | <u>WAC</u> |
|---|--------------------|------------|
| Automobile Service | | |
| Fast service (less than 4 hours per car) | 2 service bays | 1 |
| Major service (more than 4 hours per car) | 14 employees | 1 |
| Car Dealership (charge for office, retail, etc. at established rates) | | |
| Fast Service (# service bays x 30%) | 2 service bays | 1 |
| Major Service (# service bays @ 70% x 1 employee/bay) | 14 employees | 1 |
| Ballroom (exclude dance floor) | | |
| Facility without liquor service | 825 square feet | 1 |
| Facility with liquor service | 590 square feet | 1 |
| Bank (exclude cash vault) | 2,400 square feet | 1 |
| Banquet Room (15 square feet/person) | | |
| Food catered | 2,060 square feet | 1 |
| Food catered with dishwashing | 1,180 square feet | 1 |
| Food catered with liquor | 1,028 square feet | 1 |
| Food preparation and dishwashing | 825 square feet | 1 |
| Food catered with dishwashing and liquor | 750 square feet | 1 |
| Food preparation, dishwashing and liquor | 590 square feet | 1 |
| Barber | 4 chairs | 1 |
| Batting Cages (6 feet/lane) | 6 lanes | 1 |
| Beauty Salon | 4 cutting stations | 1 |
| Bingo Hall (used only for bingo) | 110 seats | 1 |
| Boarding House (dorm rooms) | 5 beds | 1 |
| Body Shop (major service - more than 4 hours per car no vehicle washing) | 14 employees | 1 |
| Bowling Alleys (does not include bar or dining area) | 3 alleys | 1 |
| Camps (# gallons x occupant or site) | | |
| Children's' Camps (central toilet and bath; overnight, primitive cabins) (# occupants x 50 gallons occupant) | 274 gallons | 1 |
| Day Camps (no meals) (# occupants x 10 gallons/occupant) | 274 gallons | 1 |
| Labor/Construction Camps (# occupants x 50 gallons/occupant) | 274 gallons | 1 |
| Resorts (housekeeping cabins) | | |

| FACILITY (# occupants x 60 gal./occupant) | PARAMETER 274 gallons | WAC 1 |
|--|---|-------------|
| Travel Trailer Parks with water and sewer hookup (# sites x 100 gallons/site) with central toilet and showers (# sites x 75 gallons/site) sanitary dump (sites without hookup) (# sites x 10 gal./site) | 274 gallons 274 gallons 274 gallons | 1 1 1 |
| Car Wash (CONTACT COB FOR DETERMINATION) | | |
| Catering (CONTACT COB FOR DETERMINATION) | | |
| Churches (for sanctuary, nave, chancel) (7 square feet/person - seating area) (remainder use other criteria) (sacristy, ambulatory - no charge) | 275 seats | 1 |
| Cocktail Lounge (no food service) | 23 seats | 1 |
| Coffee Shop (no food service) | 23 seats | 1 |
| Correction Facility (prison) | 2.5 inmates | 1 |
| Court Rooms | 1,650 square feet | 1 |
| Dorm Rooms: On/off campus students (charge additional for classrooms) | 5 students | 1 |
| Daycare (number of children licensed for) | 14 children | 1 |
| Child/Adult Play Area (not licensed) | 490 square feet | 1 |
| Dry Cleaners (retail) | 3,000 square feet | 1 |
| Elderly Housing (100% of current SAC Rate) (no washer/dryer each unit) (washer/dryer each unit) | 3 people 2.5 people | 1 1 |
| *Three bedroom unit with washer/dryer (separate from formula below) (# of one bedroom units x 1.5 people/unit) + of two bedroom units x 2.0 people/unit) <u>+ of three bedroom units x 3.0 people/unit)</u> (total # of people) | | |
| Exercise Area/Gym (juice bars - no charge) (sauna, whirlpool included) No showers 2,060 square feet 1 | 700 square feet | 1 |

| <u>FACILITY</u> | <u>PARAMETER</u> | <u>WAC</u> |
|---|--------------------|------------|
| Fire Station (charge for office, meeting rooms, etc. at established rates) | | |
| Washing (hose tower, trunk) | 274 gallons | 1 |
| Full time (overnight people) (75 gal/person)/274 gallons | 274 gallons | 1 |
| Volunteer (occasional overnight) | 14 people | 1 |
| Funeral Home (charge viewing areas only - chapel, viewing areas, etc.) | 770 square feet | 1 |
| Apartment (1 apartment) | | 1 |
| Game Room (billiards, video and pinball games) | | |
| With bar | 590 square feet | 1 |
| Without bar | 2,060 square feet | 1 |
| Golf Course (if showers - use locker room criteria) | | |
| 18 hole | | 3 |
| 9 hole - par 3 | | 2 |
| Miniature | | 1 |
| Country club (private) | | |
| Dining room (evenings and weekends) | 15 seats | 1 |
| Bar and grill (bar and grill separate) | | |
| Bar | 23 seats | 1 |
| Grill | 15 seats | 1 |
| Golf Dome or Driving Range | 6 driving stations | 1 |
| Greenhouse | | |
| Area not open to public | 15,000 sq. feet | 1 |
| Area open to public | 5,000 sq. feet | 1 |
| General retail area | 3,000 sq. feet | 1 |
| Group Home | | |
| Secondary treatment (residents leaving during the day) | 5 beds | 1 |
| Primary treatment (residents stay all day) | 3 beds | 1 |
| Guest Rooms (apartment or condominium) (charge SAC as apartment) | | |
| Washer/dryer | 100% (of Current | |
| No washer/dryer | 80% SAC Rate) | |
| No kitchen | 50% | |
| Handball and Racquetball Courts | 1 court | 2 |

| <u>FACILITY</u> | <u>PARAMETER</u> | <u>WAC</u> |
|---|-------------------|------------|
| Hospitals (licensed beds or baby cribs) (does not include outpatient clinic) | 1 bed | 1 |
| Outpatient clinic (plumbing fixture units) | 17 f.u. | 1 |
| Sterilizers (4 hours x gpm x 60 minutes) | 274 gallons | 1 |
| X-ray film processors (continuous operation 9 hours) (intermittent operation 4 hours) (operation time (hrs) x gpm x 60 minutes). | 274 gallons | 1 |
| Vacuum device (Dental office) (9 hours x gpm x 60 minutes) | 274 gallons | 1 |
| Ice Arena | | |
| Showers (see LOCKER ROOMS) | | |
| Team Rooms (plumbing fixture units) | 17 f.u. | 1 |
| Bleachers | 110 seats | 1 |
| Zamboni (if discharge going to sanitary sewer) | | 4 |
| Laundromat (requires water volume for cycle time, 8 cycles/day) | 274 gallons | 1 |
| Library (subtract book storage areas, file areas - charge common plumbing fixture units in public areas) | 17 f.u. | 1 |
| Meeting rooms, board rooms, reception, book checkout offices | 2,400 square feet | 1 |
| Loading Dock | 7,000 square feet | 1 |
| Locker Rooms (if showers -20 gallons/person) | 14 lockers | 1 |
| Medical Clinic (See HOSPITALS, Outpatient Clinic) | | |
| Meeting Rooms (conference rooms) | 1,650 square feet | 1 |
| Mini-storage (storage area - no charge) | | |
| Living area | | 1 |
| Public restroom (plumbing fixtures) | 17 f.u. | 1 |
| Mobile Home | | 1 |
| Motels and Hotels (assume 2 persons/room) (pools, saunas, Jacuzzis, game rooms, or exercise rooms exclusively used by guests - no charge) | 2 rooms | 1 |
| Breakfast only (complimentary) | 45 seats | 1 |
| Cocktail hour (complimentary) | 55 seats | 1 |
| Kitchenettes (# kitchenettes x 10 gallons/day) | 274 gallons | 1 |
| Museum | 2,400 square feet | 1 |

| <u>FACILITY</u> | <u>PARAMETER</u> | <u>WAC</u> |
|---|-------------------|------------|
| Nursing Home | 3 beds | 1 |
| Office | | |
| General office (deduct mechanical rooms, elevator shafts stairwells, restroom and storage areas) | 2,400 square feet | 1 |
| Dental, Doctors see hospital | | |
| Police Station (charge as office) | | |
| Cells (overnight jail) | 3 people | |
| (no overnight people - holding area) | 14 people | 1 |
| Recording/Filming Studios | 7,000 square feet | 1 |
| Restaurant (drive-in) | 9 parking spaces | 1 |
| Restaurant (fast food) (disposable paper plates, glasses, and silverware) | 22 seats | 1 |
| Restaurant (full service) (washable silverware, glasses, and dishes) | 8 seats | 1 |
| Retail Stores (deduct mechanical rooms, elevator shafts stairwells, restrooms and unfinished storage areas) | 3,000 square feet | 1 |
| Rifle Ranges (handgun ranges - 6 feet/lane) | 6 lanes | 1 |
| Roller Rink (skating area) | 825 square feet | 1 |
| Rooming Houses (no food service) | 7 beds | 1 |
| RV Dumping Station (not in association with camp grounds) | | 1 |
| Schools (Sunday - 30 square feet/student) | 55 students | 1 |
| Schools (elementary - 15 gallon/student - 30 square feet/student) | 18 students | 1 |
| Schools (college, TV [30 square feet/student) | 18 students | 1 |
| Lecture halls (15 square feet/student) | 18 students | 1 |
| Labs (50 square feet/student) | 18 students | 1 |
| Dorm rooms (on/off campus students) | 5 students | 1 |
| Schools (nursery - number of children licensed for) | 14 students | 1 |
| Church (nursery - during worship service only - 30 sq. ft./child) | 55 students | 1 |
| Nursery (health clubs, bowling alleys, etc.) | 2,400 square feet | 1 |

| <u>FACILITY</u> | <u>PARAMETER</u> | <u>WAC</u> |
|--|--------------------|------------|
| Schools (secondary - 30 sq. ft./student - 20 gallons/student) | 14 students | 1 |
| Labs (50 square feet/student) | 14 students | 1 |
| Service Station | | |
| Gas pumping | | 1 |
| Convenience center | 3,000 square feet | 1 |
| Service bays | 2 bays | 1 |
| Car Wash (See CAR WASH) | | |
| Swimming Pools (public - pool area) (private residential, townhouse, condominiums, hotels, motels or apartments - no charge) | 900 square feet | 1 |
| Tanning Rooms | 3,000 square feet | 1 |
| Tennis Courts(public, shower facilities available) | 1 court | 2 |
| Theater | 64 seats | 1 |
| Theater (drive-in - parking spaces) | 55 spaces | 1 |
| Vehicle Garage | | |
| Employees stationed in garage | 14 employees | 1 |
| Vehicle drivers (per day) | 28 drivers | 1 |
| Vehicle washing (# vehicles/day x gpm x minutes/vehicle) | 274 gallons | 1 |
| Warehouses (assembly areas) | 7,000 square feet | 1 |
| Office/Warehouse (speculative - must be reviewed on finishing permits) | | |
| Minimum 30% office | 2,400 square feet | 1 |
| Maximum 70% warehouse | 7,000 square feet | 1 |
| Whirlpool (doctors office/clinic, therapy - # gal./fill x 8 fills/day) | 274 gallons | 1 |
| Yard Storage Buildings (example: lumber storage) (customer pickup, no permanent employees) | 15,000 square feet | 1 |
| Plumbing Waste Fixture Units* (17 f.u. = 1 SAC) | | |

| <u>Type of fixture</u> | <u>Fixture unit value (f. u.)</u> |
|---|-----------------------------------|
| Drinking fountain | 1 |
| Floor drain 2 inch waste (only if hose bib included) | 2 |
| 3 inch waste (only if hose bib included) | 3 |
| 4 inch waste (only if hose bib included) | 4 |
| Trench drain: per 6 foot section | 2 |
| Sinks lab in exam room, bathroom kitchen, and others | 1 2 |
| surgeon | 3 |
| janitor | 4 |
| Water closet | 6 |

* If not included in list, use plumbing code

The number of standard volume units for a facility not included in the above list shall be determined by the council. A request for determination should be made prior to the issuance of a building permit.

- A. All building permits issued by the city for alterations and/or additions to existing buildings or structures will be subject to a water access connection (WAC) charge if the addition or alteration will increase water use. The number of equivalent residential units will be determined in the same manner as above described.
- B. All users shall incur a surcharge rate of \$1.30 per connection in the months of January, February, March and April in addition to the normal rate. This fee is applied to the DNR connection permit that is due annually.
- C. The city has a Roundup program that residents may participate in if they choose. The participant's monthly bill will be rounded up to the nearest dollar. The Roundup money collected each month is distributed to the Park Fund 205 for the development of parks within the city.

402.13 Fire Hydrants. No person, except a person authorized by the city, shall be allowed to open any fire hydrant in the city for any purpose whatsoever, without first securing a permit from the utilities superintendent. Payment for such water used, except for fire fighting, shall be made in accordance with the rate schedule above provided.

402.14 Service Outside of City Limits. Water service shall not be extended to any users beyond the city limits.

402.15 Private Wells Prohibited. Unless the context clearly indicates otherwise, the following words and terms shall have the meaning set forth below:

Subd. 1. Definition. For purposes of this chapter, “private water supply system” shall mean a system owned and operated by a person for collection and delivery of piped water for human consumption into commercial, industrial, or residential buildings or structures.

Subd. 2. Private Systems Prohibited. No person shall build, establish, expand or maintain a private water supply system within the city unless there shall be no municipal water supply system within one hundred feet from the point on property of such person which is nearest the public water supply system.

Subd. 3. Exception. Any private water supply system which is in place and operational as of January 1, 1983, shall not be subject to this section.