

CHAPTER 16

PLUMBING CODE

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16.01 **WISCONSIN STATE PLUMBING CODE ADOPTED.**

(1) ADOPTED BY REFERENCE. Ch. 145, Wis. Stats., and the Wisconsin State Plumbing Code, Chs. H61, H62, and H63, Wis. Admin. Code, are adopted and by reference made a part of this chapter with the same force and effect as though set out herein in full. Failure to comply with any of the provisions of such statutes or Codes shall constitute a violation of this chapter, punishable according to the penalties provided herein.

(2) TO BE ON FILE. A copy of the Wisconsin State Plumbing Code shall be on file in the offices of the Plumbing Supervisor and the City Clerk.

16.02 **ADMINISTRATION.**

(1) QUALIFICATIONS. The Plumbing Supervisor and Plumbing Inspectors shall be licensed plumbers who are skilled in the designing, planning, installing, superintending, and inspecting of plumbing and building drainage work and who have had at least 10 years of practical experience in such work.

(2) DUTIES AND AUTHORITY.

(a) The Plumbing Supervisor shall supervise and inspect all plumbing and drainage work in or in connection with all buildings within the City and shall faithfully enforce all laws, ordinances, and rules in relation thereto. The Plumbing Supervisor shall see that the construction, reconstruction, and alteration of all plumbing and drainage hereafter installed in all buildings in the City conform with State laws and with the rules and regulations of the State Department of Health and of the City, shall see that the work is done by licensed plumbers as provided by State law and this chapter, and shall make or cause to be made all inspections required thereby and in the manner therein set forth. In the discharge of their duties, the Plumbing Supervisor and Inspectors may enter any building during reasonable hours. They shall supervise and inspect plumbing and drainage installations as necessary to adequately enforce and administer the provisions of this chapter, State law, and the State Plumbing Code, or any amendments thereto, to make plumbing safe and sanitary and to promote the public welfare in all classes of buildings.

(b) The Plumbing Supervisor, or an authorized agent, shall: take applications and issue permits to qualified applicants; prepare suitable records of the permits issued; keep proper office records of all transactions; submit to the Council monthly and annual reports of such transactions.

16.03 **INSPECTIONS.**

(1) WHEN REQUIRED. The Plumbing Supervisor shall make or cause to be made the following inspections:

(a) Sanitary Sewer and Storm Drainage. The entire building sanitary sewer and storm drainage, before backfilling, from the main sewer or other disposal terminal to the building, including connections at the point of discharge, private sewage disposal systems, and water service from curb box or approved well installation into the building.

(b) Building Drain. The building drain within the building and branches thereof, under tests as prescribed. Such inspection shall be made before any part of the drain has been covered.

(c) Roughing In. The soil, waste and vent pipe, and water piping, known as roughing in, shall be inspected under test before being enclosed or covered.

(d) Final Inspection. Final inspection of the plumbing installation after fixtures, appurtenances, and appliances have been tested and completed and the installation is ready for use. The final inspection shall be made with the water supply serving such plumbing system turned on and with the water meter installed.

(e) Certificate of Inspection. The owner or plumber shall be furnished with a certificate indicating an inspection has been made and whether the installation has been approved or disapproved. Violation or condemnation notices shall be issued by letter and shall state the reason for such notice.

(2) NOTICE FOR INSPECTION. When work is ready for inspection, notice shall be given to the Plumbing Supervisor's office in accordance with §H62.23(2)(b), Wis. Admin. Code.

16.04 SUPERVISION OF SEWERS.

(1) The Plumbing Supervisor or an authorized agent shall have jurisdiction over all building sanitary and storm sewers. No such sewer shall be laid, and no opening into or connection with a sewer service lateral shall be made, except under the direction and supervision of the Plumbing Supervisor or an authorized agent.

(2) The Plumbing Supervisor, in connection with the Director of Public Works, shall keep a proper sewer connection record in a book, card index, or plat provided for such purpose showing the location of the lot, the name of the owner of the premises desiring to make such connection, the master plumber proposing to lay the sewer or drain, and the exact location with respect to the public sewer of each drain or sewer so laid. Information concerning the size, location, and depth of public and private sewers or drains and the position of the branches, junctions, and appurtenances shall be furnished by the Director of Public Works. All reasonable care shall be taken to insure the correctness of such information, but such correctness shall not be guaranteed. When the junction is not found with 3' of the point designated according to the measurements furnished, an approved Y or T fitting shall be used; such connection shall be made under the direction of the Plumbing Supervisor or his authorized agent.

16.05 REGISTRATION OF PLUMBERS.

(1) TO BE ON FILE. The Plumbing Supervisor shall keep on file in the office a registration of all master plumbers engaged in the business of plumbing in the City and all journeymen plumbers and apprentice plumbers working at the plumbing trade in the City.

(2) INFORMATION REQUIRED. Such registration shall include the full name and address, license number, and current receipt number of each master or journeyman licensee. The year of apprenticeship and the shop to which indentured shall be maintained on file for each apprentice.

16.06 PERMITS.

(1) REQUIRED. A permit shall be obtained to perform all plumbing work as defined in §145.01, Wis. Stats., and §H62.02, Wis. Admin. Code.

(2) APPLICATION.

(a) Application for a permit shall be made to the Plumbing Supervisor or an authorized agent before any work is started.

(b) Permits may be applied for by licensed master plumbers and by qualified home owners, except as limited by §145.14(1)(a), Wis. Stats.

(c) The application shall include the name of the owner and the real estate description of the premises and shall state that the owner and the applicant will be bound by and subject to the rules and regulations of this chapter.

(3) INSURANCE AND BOND FOR PERSONS MAKING STREET CUTS. Before a permit shall be issued for work requiring a cut, excavation or service connection on the traveled portion of any street, a permit therefor shall be obtained, a bond executed and deposited, and a certificate of insurance filed in accordance with the provisions of §9.21(2), Green Bay Municipal Code.

(4) FEES.

(a) Fees for permits issued under this section shall be as established by resolution of the Common Council.

(b) If an application for a plumbing permit has not been obtained prior to the commencement of a job, the applicable permit fee shall be doubled.

(5) RESTRICTIONS ON ISSUANCE.

(a) No plumbing or sewer permit shall be granted until a building permit has been issued.

(b) No plumbing or sewer permit shall be issued to any person who is in violation of this chapter until such violation has been corrected.

(c) No plumbing or sewer permit shall be issued to any master plumber or person against whom an order issued by the Plumbing Supervisor is pending, such as remedy defective work, bad faith, unreasonable delay in performance of plumbing or drainage work, or failure to respond to official communication.

(6) EXPIRATION. All permits are good for the continuous performance of the work named thereon. A permit shall automatically expire when work ceases for a period of 60 days without good and reasonable cause for same and shall automatically expire on completion of the work for which it was issued.

(7) PLAN EXAMINATION.

(a) Examination Required. Plans and specifications for plumbing to be installed in and/or outside all buildings, structures, parks, areas, or complexes in the following classifications shall be submitted to the Inspection Department and written approval received before commencing work:

1. Theaters and assembly halls.
2. Schools and other places of instruction.

3. Apartment buildings, hotels, motels, resorts, and place of detention.
4. Factories, offices, and mercantile buildings.
5. Private interceptor main sewers. See Ch. H62.02(90)(b), Wis. Admin. Code.

All non-code complying portions of the plumbing system installed prior to complete plan approval shall be removed and replaced.

(b) Approval Required. No permits shall be issued to commence work on any plumbing job in the following classifications without plan approval from the Plumbing Division of the State Department of Health and Social Services:

1. Health care and related facilities. See §§H62.15(1) and (2), Wis. Admin. Code.
2. Reduced pressure zone principle type backflow preventers. See §H62.24(2)(a), Wis. Admin. Code.
3. Controlled roof drainage systems. See §H62.05(4), Wis. Admin. Code.
4. Mobile and manufactured homes.
5. Mobile home parks, water and sewerage systems. See §H62.17(1)(a), Wis. Admin. Code.
6. Private domestic sewage treatment and disposal systems serving public buildings and experimental systems serving all buildings. See §H62.20(1)(c), Wis. Admin. Code.

(c) Actual installations shall conform with the approved plans. Any changes shall be submitted to the respective department for approval prior to installation. All work shall also comply with the approved specifications.

(d) Submission, Stamping, and Signing Plans. All plans and specifications shall be sealed or stamped in accord with Ch. A-E 1, Wis. Admin. Code, by a registered architect, engineer, or registered plumbing designer. A master plumber may design and submit for approval plumbing plans and specifications for a plumbing system which such plumber is to install. Each sheet of plans and specifications the master plumber submits shall be signed, dated, and include the State Master Plumber's license number. Where more than one sheet is bound together into one volume, only the title sheet or index sheet need be signed and dated by the person responsible for their preparation, provided the signed sheet clearly identifies the other sheets comprising the bound volume.

(e) Submission Data. All plans, preliminary or complete, shall be submitted in duplicate. Work shall not commence until written approval for the preliminary or complete plans is received from the department. All pertinent data shall be a part of or shall accompany all plans submitted for review. Plans shall be examined in the order of their receipt.

(f) Additions and Alterations. This section shall apply to all new buildings and to all additions and alterations exceeding five plumbing fixtures. It shall also apply where a change of occupancy or use of a building alters the intended use of the plumbing for which the building plans were originally designed. This

section shall also apply to overall plans for malls, shopping centers, or similar installations consisting of individually-owned stores or shops which are to be installed at a later date.

(g) Revisions. After written approval is granted, plumbing plans and specifications shall not be changed without written consent of the Department and the architect, engineer, designer, or Master Plumber responsible for the design.

(h) Limitations. In granting approval of plans, specifications, products, devices, or materials, the department does not hold itself liable for any defects in constructions nor for any damages that may result from the specific installation.

(i) Plan Availability. The architect, professional engineer, registered designer, owner, or plumbing contractor shall keep at the construction site one set of plans bearing the stamp of approval of the respective department.

16.07 BUILDING SANITARY SEWERS.

(1) **REQUIRED**. Every building shall have a separate and independent connection with a public main sanitary sewer and private sewage treatment and disposal system or private main sanitary sewer. Each private main sanitary sewer shall conform to City standards for public sewers and shall be approved by the Plumbing Supervisor. Manholes shall be located not less than 25' from any building.

(2) **PIPING**. All building sanitary sewer piping extending from a public sewer service lateral or other disposal terminal to within 3' to 5' of the outside foundation walls shall be of cast iron or vitrified clay. Such disposal terminal shall be the end of the sewer service lateral or, in the event no lateral has been installed, the City sewer main. Building sanitary sewer connections to a private main sanitary sewer shall be of cast iron pipe or vitrified clay pipe to within 3' to 5' outside of the foundation wall.

(3) **CLEAN-OUTS**. When laterals exceed 75' in length, clean-outs shall be provided. See §16.09, Green Bay Municipal Code.

(4) **UNCONNECTED PIPES TO BE CLOSED OFF**. The ends of all sanitary sewer pipes not immediately connected shall be securely closed with a cast iron soil plug to prevent the introduction of sand, earth, or drainage from an excavation.

(5) **REPLACEMENT**. When it becomes necessary to replace any building sewer because of stoppages, such sewer shall be replaced in its full length with cast iron pipe or vitrified clay.

(6) **SEWERS CARRYING HARMFUL DISCHARGES**. No person shall connect to a public sewer any sewer through which is discharged any substance likely to cause undue corrosion, obstruction, nuisance, explosion, or interference with sewage treatment processes.

(7) **WHEN BUILDINGS ARE RAZED OR MOVED**. When a building is moved or demolished, the building sewer shall be located at a point outside the foundation walls and shall be sealed off. The plug or seal shall not be covered until approval has been given by the Plumbing Supervisor.

16.08 **BUILDING DRAINS.**

(1) **MATERIALS.** Each building drain inside a building and to a point 3' to 5' outside the building shall be of cast iron soil pipe or type "L" hard drawn copper.

(2) **FIXTURES BELOW SIDEWALK GRADE.**

(a) **New Construction.** (Amd. GO 58-93) In all new construction, all fixtures located below the sidewalk grade, including lavatories, sinks, and automatic washer drains, shall be provided with an approved Palmer-type backwater valve.

(b) **Existing Buildings Where Drainage Systems Subject to Backflow.** Where a building drainage system is subject to backflow of sewage and where the building was erected prior to August 19, 1972, the owner of the building shall, when ordered by the Plumbing Supervisor or an authorized representative, install approved automatic-type backwater valves in all fixtures located below the sidewalk grade.

(c) **Buildings Subject to Backwater and Basement Flooding.** Where it is determined by the Director of Public Works or an authorized representative that backwater and basement flooding is possible and where the use of plumbing fixtures below the sidewalk grade is critical to the operation and use of a building, backwater valves, sewer ejectors, or pumps shall be installed. Prior to the issuance of a plumbing permit, a plan to prevent backwater and basement flooding showing details of construction of building drains, backwater valves, sewer ejectors, and pumps shall be submitted for approval to the Director of Public Works.

16.09 **CLEAN-OUTS.**

(1) Clean-outs shall be provided for all soil and waste stacks and shall be 28" - 30" above the floor.

(2) Clean-outs shall be the same size as the pipes they serve up to 4" in diameter, and shall be not less than 4" for larger pipes.

16.10 **GREASE TRAPS AND SEPARATORS.** Grease traps or separators shall be installed wherever greasy wastes from pot or dish washing sinks are discharged into a building drain or sewer. They shall be installed in such places as hotels, restaurants, butcher shops, bakeries, club houses, hospitals, church and school kitchens, etc. Such grease traps or separators shall be designed to adequately serve the fixture (manufacturer's rating may be used for sizing), shall be placed as near as possible to the fixture from which they receive waste, shall be accessible for easy cleaning, and shall be vented to prevent self-siphonage.

16.11 **STORM DRAINAGE.**

(1) **DRAINS TO CONNECT TO STORM SEWERS.** All clear water drains, including roof drains, surface drains, subsoil drains, refrigerator cooling water drains, air conditioning drains, and any other clear water drains, shall discharge into a storm sewer wherever possible but in no case shall discharge be to a sanitary sewer. Where a building was erected prior to August 19, 1972, the owner of the building shall, when ordered by the Plumbing Supervisor or an authorized representative, disconnect all clear water drains.

(2) **SUMP PUMPS.** (Rep. & Rec. GO 24-07) Every foundation drain shall be connected to a sump pit containing an approved sump pump as specified in §15.29(2), Green Bay Municipal Code.

(a) New Installations. In all new construction, such approved sump pump shall discharge into a storm sewer where such is available or can be made available. In areas where storm sewer is not available, the sump pump shall discharge into the surface at least 10' from the building foundation. Discharge from the sump pump shall be directed either to the rear lot line or to the street and shall not be directed as to flow on adjacent property. Discharge from the sump pump shall not create a nuisance. The sump pump discharge shall be considered a nuisance in situations including, but not limited to, such discharge creating icing problems on a City street or sidewalk, damaging a City street or sidewalk, creating ponds of standing water, or flowing over adjoining property. If the sump pump discharge is directed to the street, a permit must be obtained from the Director of Public Works to direct the discharge from a sump pump to the street.

(b) Existing Installation. (Rep. & Rec. GO 19-04)

1. All sump pumps shall discharge into a storm sewer where such is available or can be made available if, in the opinion of the Director of Public Works or Superintendent of Inspection, the sump pump discharge creates a nuisance. The sump pump discharge shall be considered a nuisance in situations including, but no limited to, such discharge creating icing problems on a City street or sidewalk, damaging a City street or sidewalk, creating ponds of standing water, or flowing over adjoining property. If such a nuisance is created, the Superintendent of Inspection or his/her designee shall require the owner of the property to install a storm sewer lateral and connect the sump pump discharge to the lateral.

2. Where sump discharge is not creating a nuisance and a storm sewer is available, the owner of the property shall install a storm lateral and connect the sump pump discharge to the lateral at the time of the sale of the property. This requirement may be waived by appeal as set forth in subsection (c).

(c) Appeal.

1. The sump pump connection requirement mandated in §16.11(2)(b)2, Green Bay Municipal Code, may be appealed by filing a written appeal with the City Clerk within 45 days of the official closing date for the sale of the affected property. The appeal shall specify all bases for the challenge and include documentation from a professional engineer supporting the appeal. Failure to file a timely challenge and specify all bases for the challenge waives all rights to a later challenge of the requirement.

2. The written appeal shall be referred to the Improvement and Services Committee. In considering an appeal, the Improvement and Services Committee shall determine whether the sump pump connection requirement is fair and reasonable or whether it should be waived. The Committee shall conduct a formal or informal hearing and obtain sufficient facts upon which to make a determination. The Committee's decision shall be based upon the evidence presented to it. After making such determination, the Improvement and Services Committee shall forward its recommendation to the Common Council for final approval.

(3) **ROOF DRAINS**. The main storm drain conduit for roofs of less than 5,000 sq. ft. in area shall be cast iron pipe from 3' to 5' outside the foundation wall to the service lateral or, where no lateral has been installed, to the storm sewer main or other terminal. Areas over 5,000 sq. ft. may be served by pipes whose standards conform to City specifications for storm drainage. Roof drains for residential units not to exceed two-family units may discharge on the ground, provided such discharge does not create a nuisance. Within property lines, beneath seeded areas, where branches from the main storm drain conduit are used to serve roof drains, pipe conforming to the State Plumbing Code may be used to within 3' to 5' of the foundation walls.

(4) PARKING LOTS AND SURFACE DRAINS.

(a) Drainage Required.

1. All parking lots whose area exceeds 2,000 sq. ft. shall provide for interior drainage and be connected with a storm sewer if one abuts or adjoins the parking lot. Lots of 2,000 sq. ft. or less may drain the surface water runoff to an abutting public street or alley if such public way provides storm water drainage. Where neither drainage method is available, an interior yard storage area shall be provided. All provisions for drainage require approval by the Plumbing Inspector and the Director of Public Works.

2. Where a parking lot is constructed and such construction impedes natural drainage of adjoining property, the parking lot drainage shall be extended as necessary to provide adequate drainage of the adjoining property.

(b) Conduits. The size of the conduit serving a parking lot shall be determined by the area to be drained. The conduit for areas less than 5,000 sq. ft. shall be cast iron pipe from the yard drain or catch basin to the service lateral or, where no lateral has been installed, to the City sewer main or other designated terminal. Areas over 5,000 sq. ft. may be served by pipes whose standards conform to City specifications for storm drainage.

(c) Catch Basin and Grates. Catch basin and grate areas shall conform to City specifications.

(5) GRANTING OF FUNDS FOR PRIVATE CLEAR WATER SEPARATION WORK. (Cr. GO 18-95)

(a) Granting of Funds. The City may grant funds for private clear water separation work subject to this ordinance. Any repayment of funds granted for private clear water separation work to property owned by indigent persons may be deferred by the Council. Such deferment shall be granted only to owner-occupied, single-family or duplex residential real estate. Such deferment shall be by resolution directing the Director of Public Works to pay all or any portion of costs for private clear water separation work used on such property from the Storm Sewer Construction Account.

(b) Copy of Resolution to be Filed with Register of Deeds for Brown County. A copy of such resolution, with a statement of the amount and date paid and description of the property, certified by the City Clerk, shall be recorded with the Register of Deeds for Brown County; the amount shall thereby become a lien upon such real property in favor of the City prior to any other lien other than prior outstanding tax certificates or prior liens hereunder, for the amount paid, with legal interest, and shall be enforceable after transfer of title of the property by sale, inheritance, or will in the manner provided by law for the enforcement of mechanics liens.

(c) Discharge of Lien. The owner of such property, heirs, personal representatives, or assigns may discharge such lien at any time by paying the amount of such lien with accrued interest to the City Treasurer, who shall execute a satisfaction in such form as may be recorded with the Register of Deeds for Brown County.

(d) Purchase of Lien. The holder of any subsequent lien may purchase such lien by payment of the amount thereof with accrued interest to the City Treasurer, who shall execute a proper assignment thereof to such payee; and on recording such assignment, such assignee shall have the same rights the assignor had.

(e) Transfer of Title by Sale, etc. After transfer of title by sale, inheritance, or will, or when the basis for indigency no longer exists, the deferred funds shall be due and owing in full.

(f) Limits for the Determination of Indigency. The Council shall establish, by resolution, limits for the determination of indigency. Such limits shall include:

1. Maximum combined annual income of husband, wife, and dependents.
2. Maximum combined assets of husband, wife, and dependents.

(g) Subject to Review. Such income and asset figures shall be subject to periodic review and modification by the Council.

(h) Application. Application for deferment shall be made to the Council upon an affidavit form provided by the City Clerk verified by each applicant.

1. The application shall list the relationship, ages, and employment status of the applicant and all dependents; a complete schedule setting forth all assets, liabilities, and income from all sources, including own and both spouses and their dependents; and any other pertinent information which may assist the City to evaluate such application.

2. The above schedule of net worth and income shall be considered and treated as privileged information and shall not be made public without the applicant's consent.

(i) Notify Clerk of Increases. The applicant shall notify the City Clerk when there is a material change in the assets and/or annual income increases above the limits described in (f).

(j) Providing False or Incomplete Information. If the applicant wilfully provides false or incomplete information, or when the assets and/or annual income exceed the limits of (f), the basis for indigency shall no longer exist; and the special assessment shall become due and owing in full.

(k) Application Reviewed by Improvement and Service Committee. The application for deferment shall be reviewed by the Improvement and Service Committee, which shall make a recommendation to the Council.

(l) Interest: Deferment Period. Interest may be charged during the deferment period. The interest rate shall not, however, exceed the legal rate prescribed by Wisconsin Statutes.

16.12 **DISCHARGES INTO SANITARY SEWERS.**

(1) **UNPOLLUTED WASTES.** No person shall discharge or cause to be discharged any storm water, surface water, ground water, roof runoff, subsurface drainage, cooling water, air conditioning, effluent or unpolluted industrial process waters to any sanitary sewer directly or indirectly connected to the City sewer system.

(2) **WASTE MATERIALS.** Except as herein provided, no person shall discharge or cause to be discharged any of the following waste materials into any sewer directly or indirectly connected to the City sewers:

- (a) Any liquid or vapor having a temperature higher than 150°F. Temperature shall be measured in the first municipal manhole below the connection.
- (b) Any waste which contains more than 100 milligrams per liter of fat, oil, or grease, exclusive of soap.
- (c) Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas.
- (d) Garbage not from homes, hotels, restaurants, institutions, hospitals, catering establishments, or similar places where garbage originates from the preparation of food in kitchens for consumption on the premises or for consumption off the premises when served by caterers.
- (e) Any garbage that has not been properly shredded or comminuted to such a degree that all particles will be carried freely in suspension in municipal sewers (100 percent passing 1/2" screen, 90 percent passing 1/4" screen).
- (f) Any ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, hair, tar, plastics, wax, wood, fleshings, hides, animal guts, spent lime, spent grain, spent hops, paunch manure, or any other solid or viscous substance which, in the opinion of the Plumbing Supervisor, is likely to cause obstruction to the flow in sewers or other interference with the proper operation of the sewage works.
- (g) Any wastes having a pH lower than 5.5 or higher than 9.0, measured at the first municipal manhole below the connection, or having any other property capable of causing damage or hazard to structures, equipment, and personnel of the sewage works.
- (h) Milk, whey, or any other dairy products or by-products.
- (i) Wastes from the preparation of food products or by-products which have not passed through screens approved by the Plumbing Supervisor.
- (j) Any wastes that have such high biochemical oxygen demand or contain suspended solids of such character and quantity as will, in the opinion of the Plumbing Supervisor, require unusual attention or expense in their handling at the sewage treatment plant.
- (k) Any wastes having an objectionable color which is not removable in the existing sewage treatment plant processes.
- (l) Any wastes containing toxic or poisonous substances or any other materials in sufficient quantity to create a hazard to personnel working on the sewers, to injure or interfere with any sewage treatment process, or to constitute a hazard to humans, animals, or fish, or to create any hazard in the receiving waters below the sewage treatment plant.
- (m) Any noxious or malodorous gas or substance capable of creating a public nuisance.
- (n) Septic Tank Sludge. No person in the business of gathering and disposing of septic tank sludge shall transfer such material into any sewage manhole of the City sewer system. A permit for disposal of septic tank sludge shall be obtained from the Engineer-Manager of the Green Bay Metropolitan Sewer District.

(3) GREASE, OIL, AND SAND TRAPS.

(a) Grease, oil, and sand traps shall be provided when they are necessary, in the opinion of the Plumbing Supervisor, for the proper handling of liquid wastes containing excessive amounts of grease or any flammable wastes, sand, and other harmful ingredients, provided such traps shall not be required for private living quarters or dwelling units. All traps shall be of a type and capacity approved by the Plumbing Supervisor and shall be located so as to be readily accessible for cleaning and inspection.

(b) Grease and oil traps shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature. They shall be of substantial construction and shall be watertight and equipped with easily removable covers.

(c) Where installed, all grease, oil, and sand traps shall be maintained in continuously efficient operation at all times by the owner and at the owner's expense.

(4) COMPLIANCE WITH CODES. All construction, connection, and use of sewers shall be in accordance with the provisions of the State Plumbing Code and this chapter.

(5) RIGHT OF ACCESS. Any authorized representative of the City shall have right of access at any reasonable hour to all premises from which the City receives sanitary or industrial waste, for the purpose of inspection, observation, measurement, sampling, and testing in accordance with this section.

(6) CONFLICTS; SEPARABILITY. This section repeals all ordinances or parts thereof that may be inconsistent with it, and the invalidity of any part of this section shall not affect the validity of any other part.

16.13 **WATER SUPPLY SYSTEMS.** (Rep. & Rec. GO 27-05)

(1) WATER SERVICE.

(a) Size. The water service or building supply pipe to any building shall be of sufficient size to provide an ample flow of water under maximum use to all fixtures and points of service. Such size shall be determined by standards set forth by the Wisconsin Department of Commerce.

(b) Material. The underground water service pipe from the City main or a private water supply system to any building shall be of type "K" copper or polyethylene water tube or ductile iron or polyvinyl chloride water main.

(c) Valve Controls. Service laterals shall include a corporation stop at the main, and a curb stop or valve at the curb, or privately-owned pump and a valve or stop inside the foundation wall of each building and, where a meter is installed, a valve on both sides of the meter. Service of 1 1/2" or over shall have a by-pass around the meter.

(d) Relief Valves. When installed, repaired, replaced, relocated, or reconnected, all equipment for heating and storage of hot water for domestic or commercial purposes shall be equipped with an emergency protective device to prevent excessive pressure and temperature. such device shall be a combined temperature and pressure relief valve of the test lever and extended thermometer type, in accordance with the latest American Standard ASA 221.22-1958 and listed by the A.G.A. The minimum size shall be 3/4" for both inlet and outlet. The discharge pipe shall be the full size of the relief valve outlet and shall terminate in an open fixture or not more than 10" from the floor and as close as possible to a drain properly connected to the building drain or building sewer.

(2) SEPARATE WATER SERVICE. When a water supply system is intended to serve more than one building owned by or intended for sale to different individuals or groups of individuals, the plans for such water supply system shall be submitted to the General Manager of the Water Utility and the Plumbing Supervisor for approval. The entire work shall conform with this chapter.

(3) CROSS-CONNECTIONS PROHIBITED. No private water system shall be connected directly or indirectly to any private water main or pipe that is in turn connected to any publicly-owned water main or pipe.

(4) PLUMBING SUPERVISOR MAY MAKE CHANGES. The Plumbing supervisor may require to be made any changes necessary to bring any water supply work up to prescribed standards. Failure to do so when so directed shall be sufficient cause for action to revoke a master or journeyman plumber's license as provided in §145.10, Wis. Stats.

16.14 AUTHORITY TO CONTROL WATER SERVICE. (Rep. & Rec. GO 27-05) After the completion and trial of the work, no person shall turn on or leave turned on any water service curb stop which for any reason has been turned off by the City Water Utility. No unauthorized individual shall turn water on or off after it has been turned on or off from a given service, nor shall anyone make openings in the street or turn off water at the main without a permit therefor and supervision thereof as provided for in this chapter.

16.15 COMPULSORY CONNECTION TO SEWER SERVICE. (Rep. & Rec. GO 24-91) When notified, the owner of any building intended for human habitation or occupancy abutting on any street, alley, or other thoroughfare in which public sanitary sewer has been extended and is available for service, shall cause to be made a sewer connection thereto.

16.155 COMPULSORY CONNECTION TO WATER AND ABANDONMENT OF WELLS. (Cr. GO 24-91; Rep. & Rec. GO 27-05) Within 120 days of notification, the owner of any building intended for human habitation or occupancy abutting on any street, alley, or other thoroughfare in which a public water main has been extended and is available for service, shall cause to be made a water connection thereto and shall abandon any existing source of water currently being used or intended to be used for the building for human habitation or occupancy.

(1) DEFINITIONS.

(a) "Municipal water system" means a system for the provision to the public of piped water for human consumption when such system has at least 15 service connections or regularly serves at least 25 year-round residents owned or operated by a city, village, town, sanitary district, utility district, public institution, or a privately owned water utility serving any of the above.

(b) "Noncomplying" means a well or pump installation which does not comply with the provisions of Chapter NR 112, Wis. Admin. Code, in effect at the time the well was constructed, a contamination source was installed, the pump was installed, or work was done on either the well or pump installation.

(c) "Pump installation" means the pump and related equipment used for withdrawing water from a well including the discharge piping, the underground connections, pitless adapters, pressure tanks, pits, sampling faucets and well seals or caps.

(d) "Unsafe" means a well or pump installation which produces water which is bacteriologically contaminated or contaminated with substances exceeding the standards of Chapters NR 809 or 140, Wis. Admin. Code, or for which a health advisory has been issued by the Department of Natural Resources.

(e) "Unused" means a well or pump installation which is not in use or does not have a functional pumping system.

(f) "Well" means an excavation or opening into the ground made by digging, boring drilling, driving, or other methods for the purpose of obtaining groundwater for consumption or other use.

(g) "Well Abandonment" means the filling and sealing of a well according to the provisions of Chapter NR 812, Wis. Admin. Code.

(2) ABANDONMENT REQUIRED. All wells located on premises served by the municipal water system shall be abandoned in accordance with the terms of this ordinance and Chapter NR 812, Wis. Admin. Code, not later than one year from the date that public water is available. A well operation permit may be obtained by the well owner from the City of Green Bay Water Utility.

(3) WELL OPERATION PERMIT. The City of Green Bay may grant a permit to a private well owner to operate a well for a period not to exceed five years providing the conditions of this section are met. An owner may request renewal of a well operation permit by submitting information verifying that the conditions of this section are met. The City of Green Bay Water Utility General Manager, or his agent, may conduct inspections or have water quality tests conducted at the applicant's expense to obtain or verify information necessary for consideration of a permit application or renewal. Permit applications and renewals shall be made on forms provided by the City of Green Bay Water Utility. The following conditions must be met for issuance or renewal of a well operation permit:

(a) The well and pump installation meet or are upgraded to meet the requirements of Chapter NR 812, Wis. Admin. Code;

(b) The well construction and pump installation have a history of producing bacteriologically safe water as evidenced by at least two samples taken a minimum of two weeks apart. No exception to this condition may be made for unsafe wells;

(c) There are no cross-connections between the well and pump installation and the municipal water system; and

(d) The proposed use of the well and pump installation can be justified as being necessary in addition to water provided by the municipal water system.

(e) The Water Utility shall establish a well permit fee.

(4) ABANDONMENT PROCEDURES.

(a) All wells required to be abandoned under the jurisdiction of this ordinance shall be abandoned according to the procedures and methods of Chapter NR 812, Wis. Admin. Code, and any subsequent amendments thereto. All debris, pump, piping, unsealed liners, and any other obstructions which may interfere with dealing operations shall be removed prior to abandonment.

(b) The owner of the well, or the owner's agent, shall notify the Water Utility at least 48 hours prior to commencement of any well abandonment activities. The abandonment of the well shall be observed by a person or entity approved by the City of Green Bay Water Utility. That observer shall be required to file a certificate of compliance with the Green Bay Water Utility stating under oath that the well has been abandoned in accordance with the procedures and methods of Chapter NR 812, Wis. Admin. Code. The cost of such observation and certification shall be borne by the well owner.

(c) An abandonment report form, supplied by the Department of Natural Resources, shall be submitted by the well owner to the Water Utility and the Department of Natural Resources within ten days of the completion of the well abandonment.

(d) The Water Utility shall establish a well abandonment fee.

(5) **HARDSHIP.** When, in the judgment of the Water Commission, after recommendation from the Water Utility, it would be inappropriate to apply literally a provision of this section because hardship would result, the Water Commission may waive or vary such provisions so that substantial justice may be done and the public interest secured.

16.16 INDIVIDUAL SEWAGE DISPOSAL SYSTEMS. Private domestic sewage treatment and disposal systems, where permitted, shall be constructed, maintained, and used in accordance with the provisions of §H62.20, Wis. Admin. Code.

16.20 GENERAL PENALTY. Any person who shall violate any provision of this chapter or any rule, regulation, or order made hereunder shall be subject to a penalty as provided in §40.05, Green Bay Municipal Code.