

Title 19

PLUMBING

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Chapter 19.04

STATE CODE—STATE LICENSE

Sections:

- 19.04.010 State plumbing code adopted.
- 19.04.020 State license required.
- 19.04.030 Conflict of provisions.

19.04.010 State plumbing code adopted. Chapter 145 of the Wisconsin Statutes and all future amendments thereto and SPS 325 and SPS 381-387 of the Wisconsin Administrative Code (WAC), and all future amendments and official bulletins thereto are adopted and, by reference, made a part of this title with the same force and effect as though set out in full in this title. Failure to comply with any of the provisions of the statutes or administrative rules, regulations and bulletins constitutes a violation of this title, subject to the forfeitures provided herein. Copies of the statutes and administrative rules, regulations and bulletins adopted in this title shall be kept on file in the office of the plumbing inspector in the city hall. (Ord. 61-5503 §2(part), 2012, File No. 77-0941; Ord 61.5113 §1, 2001, File No. 01-0518; Ord. 61-4380 §1(part), 1978.)

19.04.020 State license required. No person shall engage in or work at plumbing as defined in Chapter 145 of the Wisconsin Statutes without complying with that chapter. (Ord. 61-4380 §1(part), 1978.)

19.04.030 Conflict of provisions. Where a conflict exists between this title and the WAC, Revisions or Official Bulletins, the provisions of WAC, its Revisions or Official Bulletins shall prevail, except where an ordinance has been adopted after the effective date of the conflicting WAC provision. (Ord. 61-4380 §1(part), 1978.)

Chapter 19.08

PLUMBING INSPECTOR

Sections:

- 19.08.010 Inspector.
- 19.08.020 Permits.
- 19.08.030 Registration of plumbers.
- 19.08.050 Records.

19.08.010 Inspector. There shall be one or more plumbing inspectors. (Ord. 61-4380 §1(part), 1978.)

19.08.020 Permits. The inspector or authorized agent shall take applications and issue permits to qualified applicants. (Ord. 61-4380 §1(part), 1978.)

19.08.030 Registration of plumbers. (a) The plumbing inspector shall keep on file a registration of all master, journeyman and apprentice plumbers engaged in the plumbing trade in the city.

(b) The registration shall include the name, address, license number, and current receipt number. In addition, apprentices shall state year of apprenticeship and the shop to which indentured. Master and journeyman registration shall state “contracting plumber or maintenance plumber” and place of employment. (Ord. 61-4380 §1(part), 1978.)

19.08.050 Records. The inspector shall prepare suitable applications, keep a daily log of all office transactions, and file with the common council a monthly report of such transactions. (Ord. 61-5472 §2 (part), 2011, File No. 78-0745; Ord. 61-4380 §1(part), 1978.)

Chapter 19.12

PERMITS

Sections:

- 19.12.010 Installation permit.
- 19.12.020 When required.
- 19.12.030 Fees.
- 19.12.040 Application.
- 19.12.050 Restrictions on issuance.
- 19.12.060 Expiration.

19.12.010 Installation permit. No person shall install or cause to be installed any plumbing or drainage unless a permit therefor has been issued by the plumbing inspector, and no plumbing shall be used until it has been inspected and approved by the inspector. No permit fee shall be refunded and no permit shall be transferable. (Ord. 61-4380 §1(part), 1978.)

19.12.020 When required. A permit shall be obtained:

- (a) To perform any clearwater drainage or plumbing work as defined in Chapter 145 of the Wisconsin Statutes, the Wisconsin Administrative Code (WAC), or this title;
- (b) To abandon a water or sewer system before a wrecking or moving permit shall be issued by the city;
- (c) For the installation, replacement, or relocation of any water conditioning unit. Only the original installation of exchange regeneration service type units require a permit;
- (d) For the installation, replacement, or relocation of any domestic water heating unit;
- (e) For construction of any water distribution system from a source other than city water mains;
- (f) For the connection of any dispensing unit to water and/or waste pipes;
- (g) For the connection of any injection equipment intended to inject or otherwise insert any chemical, soap, or other material of any kind whatsoever into any water distribution pipe;
- (h) For the water and/or waste connection for each water-cooled air conditioner or water-cooled motor of humidifier;
- (i) For the installation of all inside roof leaders or downspouts;
- (j) For new or reconstructed sanitary sewer lateral or storm drains;

- (k) For new or reconstructed water service extension from water main to curb stop or to building;
- (l) For the installation of any sump pump or ejector;
- (m) For the discharge point of any subsoil or footing drain. The storm sewer or catch basin or sump will not require an additional permit at the discharge point;
- (n) When inspection is requested, except for inspection of plumbing work to be shipped out of the city;
- (o) A permit will be required for the replacement of all plumbing fixtures;
- (p) Permits may be applied for by licensed master plumbers and qualified home owners pursuant to Chapter 145 of the Wisconsin Statutes, either or both of whom may be prosecuted for the failure to obtain the permit prior to the commencement of the job. (Ord. 61-5472 §3 (part), 2011, File No. 78-0745; Ord. 61-4654 §(part), 1988; Ord. 61-4380 §1(part), 1978.)

19.12.030 Fees. (a) Permit and inspection fees shall be as specified in section 3.40.010(a) and paid at the time a permit is issued. (Ord. 61-5553 §35 (part), 2013, File No. 13-0309; Ord. 61-5547 §4 (part), 2013, File No. 00-1134; Ord. 61-5496 §4 (part), 2011, File No. 00-1134; Ord. 65-5477 §1(part), 2011, File No. 11-0508; Ord. 61-5471 §4 (part), 2011, File No. 00-1134; Ord. 61-5418 §3 (part), 2010, File No. 00-1134; Ord. 61-5384 §4, 2008, File No. 00-1134; Ord. 61-5353 §4, 2007, File No. 00-1134; Ord. 61-5314 §4, 2006, File No. 00-1134; Ord. 61-5276 §4, 2005, File No. 00-1134; Ord. 61-5243 §1(part), 2004, File No. 00-1134; Ord. 61-5218 §1(part), 2003, File No. 00-1134; Ord. 61-5159 §1(part), 2002, File No. 02-0131; Ord. 61-5094 §1, 2000, File No.00-1134; Ord. 61-5066 §1, 2000; Ord. 61-5020 §1, 1999; Ord. 61-5018 §1(part), 1998; Ord. 61-4962 §1(part), 1996; Ord. 61-4875 §1(part), 1994; Ord. 61-4726 §2(part), 1990; Ord. 61-4654 §1(part), 1988; Ord. 61-4599 §1, 1986; Ord. 61-4380 §1(part), 1978.)

19.12.040 Application. (a) An application for a permit shall be made to the plumbing inspector or a designee before any work is started.

(b) The application shall state the property owner's name, address, and the land description where the work is to be done. It shall include the size and material of the water and sewer service pipes to the building and the kind and number of fixtures, appliances and appurtenances to be installed together with a statement that the owner and applicant will be bound by and subject to the rules and regulations of this chapter. Diagrams and notarized statements that may be considered necessary to ensure a complete and legal plumbing installation may be required as part of the application. (Ord. 61-4380 §1(part), 1978.)

19.12.050 Restrictions on issuance. * (a) No plumbing or sewer permit, with the exception of water and sewer laterals for street improvements, shall be granted until a building permit has been issued by the building inspector.

* For other restrictions see also sections 19.28.030, 19.32.010, 19.32.020,

(b) No plumbing, clearwater drainage, or sewer permit will be issued to any person who is in noncompliance with an order of the electrical, building, or plumbing inspector.

(c) If any work is commenced without a permit first having been obtained therefor, the permit fee shall be twice the usual fee. Payment of any fee required by this chapter shall not relieve any person of the forfeitures that may be imposed for violation of this title. (Ord. 61-4380 §1(part), 1978.)

19.12.060 Expiration. Permits will automatically expire:

- (a) When work ceases for a period of sixty days without good and reasonable cause;
- (b) Upon cancellation or expiration of insurance required by section 19.48.010 of this title;
- (c) Expire on completion of work for which it was issued. (Ord. 61-4380 §1(part), 1978.)

Chapter 19.16

INSPECTIONS

Sections:

- 19.16.010 When required.
- 19.16.020 Notice for inspection.
- 19.16.030 Covering of work.
- 19.16.040 Report of existing unsanitary conditions.
- 19.16.050 Violation.
- 19.16.060 Certificate of occupancy.

19.16.010 When required. The plumbing inspector's jurisdiction includes but is not limited to:

- (a) The entire building sanitary sewer and storm drainage, before backfilling, from the main sewer or other disposal terminal to the building; including connections at point of discharge; private sewage disposal systems; water wells and water service from curb box or approved well installation into the building;
- (b) The building drain, and branches thereof under tests as prescribed. Such inspection shall be made before any part of the drain is covered;
- (c) The soil waste vent pipes and the water distribution piping known as "roughing in" shall be inspected under test before it is enclosed or covered;
- (d) All clearwater drains, interior downspouts, or roof leaders, subsoil or footing drain connection points, water-cooled air conditioners and connections, area and parking lot drainage;
- (e) All devices of any kind connected to the water distribution pipe shall be inspected;
- (f) Plumbing installations after fixtures, appliances and appurtenances have been tested and the installation is ready for use. The final inspection shall be made with the water supply serving the system turned on. (Ord. 61-4380 §1(part), 1978.)

19.16.020 Notice for inspection. (a) It shall be the responsibility of the person in whose name the permit is issued, to notify the inspector's office in person, by telephone or in writing when work is ready for test and inspection. If the inspection is not made the next full working day after the notice is given, the work may be covered and continued.

(b) Notice must be given before 2 p.m. to trigger the next full working day rule. (Ord. 61-4380 §1(part), 1978.)

19.16.030 Covering the work. (a) No part of any plumbing or clearwater drainage system shall be covered until it has been inspected and approved. If any part is covered before being inspected and approved, it shall be uncovered at the direction of the inspector.

(b) Upon request, the owner or plumber shall be furnished with a certificate or letter indicating that an inspection has been made and showing whether the installation has been approved or disapproved. Violations or condemnation notice shall be issued by letter stating the reason. (Ord. 61-5472 §4 (part), 2011, File No. 78-0745; Ord. 61-4380 §1(part), 1978.)

19.16.040 Report of existing unsanitary conditions. Reports that plumbing in any building is contrary to this chapter or is of faulty construction, liable to breed disease or sickness, or is a menace to health shall be made to the county health officer. (Ord. 61-4380 §1(part), 1978.)

19.16.050 Violation. The plumbing inspector or designee shall investigate all reports of improper or defective plumbing or drainage. If such investigation discloses violation of this title, the inspector shall notify the owner or tenant of such premises by registered mail or personal service to correct any such improper or defective installation within thirty days. Any person failing to comply with such notice shall be subject to the penalty provided in Chapter 19.52 of this title. (Ord. 61-4380 §1 (part), 1978.)

19.16.060 Certificate of occupancy. Upon completion of the plumbing work pursuant to the permit, the person doing the work shall notify the plumbing inspector, who shall inspect the work. If approved, the inspector shall issue a certificate of occupancy which shall contain the date of such inspection and a resume of the inspection. No such certificate shall be issued unless the plumbing work is in strict conformity with the rules and regulations set forth in this title. (Ord. 61-4380 §1(part), 1978.)

Chapter 19.20

SEWERS

Sections:

- 19.20.010 Separate drains for each building.
- 19.20.020 Material, joints and connections.
- 19.20.030 Size.
- 19.20.040 Draining of waters into sanitary sewers.
- 19.20.050 Connection to sewer mains.
- 19.20.060 Location.
- 19.20.070 Connection requirements.
- 19.20.080 Drain ends protected.
- 19.20.090 Prohibited location.
- 19.20.100 Defective or inferior pipe prohibited.
- 19.20.110 Old pipe or drain.
- 19.20.120 Use of sewers.
- 19.20.125 External grease interceptors.
- 19.20.130 Shoring of trenches.
- 19.20.140 Backfilling.
- 19.20.150 Maintenance.

19.20.010 Separate drains for each building. Every building shall have a separate and independent connection with a public main sanitary sewer, private sewage disposal system, or private main sanitary sewer. A private main sanitary sewer shall conform to standard specifications of the city for public sewers and shall be approved by the plumbing inspector and city engineer. Manholes shall be located not less than twenty-five feet from any building. (Ord. 61-4380 §1(part), 1978.)

19.20.020 Material, joints and connections. All building sanitary and storm sewer piping extending from a public sewer or other disposal terminal to the foundation walls shall be of material, joints and connections approved in the Wisconsin Administrative Code (WAC). The disposal terminal shall be described as the end of the sewer service lateral or private sewage disposal system; in the event no lateral has been installed, it shall be the city sewer main. A building sanitary or storm sewer connection to a private or public main sanitary or storm sewer shall conform to sections 19.20.050 and 19.20.070 of this chapter. (Ord. 61-5472 §5 (part), 2011, File No. 78-0745; Ord. 61-4380 §1(part), 1978.)

19.20.030 Size. The size of building sewers shall be determined by the provisions of WAC. (Ord. 61-4380 §1(part), 1978.)

19.20.040 Draining of waters into sanitary sewers. The downspout or roof drain of any building, any air conditioner, or other clearwater cooling device, any cistern overflow, or any groundwater drain shall not be connected to any sanitary sewer, nor shall rain or surface water be drained directly or indirectly into any sanitary sewer:

(a) **Disconnection.** The owner of any building or land wherein there is a violation of the provisions of this section shall cause the violation to be corrected within six months after being notified in writing by the plumbing inspector, whose duty it shall be to enforce this section.

(b) **Drainage.** All drainage of waters enumerated in this section shall be made either directly into a storm sewer or into a public street or alley beyond the curb line, subject to the approval of the plumbing inspector. No person shall permit the drainage of water across any sidewalk or public area so as to cause or tend to cause any hazard or danger to pedestrians or users thereof. (Ord. 61-4380 §1(part), 1978.)

19.20.050 Connection to sewer mains. No person shall make a connection of any kind to a public sanitary or storm sewer, or replace or reconstruct any sanitary or storm sewer lateral without a permit from the plumbing inspector. Connections to any sanitary or storm sewer main pipe shall be done by city employees or their designees. Connections to manholes shall be performed privately with inspection by city employees. (Ord. 61-4778 §1(part), 1992; Ord. 61-4428 §1, 1979; Ord. 61-4380 §1(part), 1978.)

19.20.060 Location. The plumbing inspector, with the cooperation of the water and sewerage utilities, shall keep a proper sewer connection record in a book, card index, or plat provided for that purpose showing the location of the lot, the master plumber proposing to lay the sewer or drain, and of the exact location of the public sewer to each drain or sewer so laid. Information concerning the sizes, location and depth of public and private sewers or drains and the position of the branch, junction and appurtenances will be furnished by the water and sewerage utilities. All reasonable care will be taken to ensure the correctness of such information, but such correctness will not be guaranteed under any circumstances. When in accordance with the measurements furnished, the junction is not found within three feet of the point designated, an approved Y or T fitting shall be used and such connection shall be made under the direction of the plumbing inspector or designee in accordance with 19.20.050 of this Chapter. (When sewer laterals are not in the same trench as the water lateral, the installer of the lateral shall report to the utility the location of the lateral referenced from permanent points, i.e., property corners, manholes, hydrants, etc. In all cases, when the lateral is installed for future use a two-inch by four-inch board shall be placed at the end of the lateral to reach the ground surface, clearly marking the location of the pipe.) (Ord. 61-4778 §1(part), 1992; Ord. 61-4380 §1(part), 1978.)

19.20.070 Connection requirements. (a) **Size.** The connection shall be of the saddle type. The fitting used in the connection shall be made in such a manner as to ensure that no protrusion of the fitting into the main sewer pipe will result. The connector shall fit perfectly the contour of the inside of the sewer and shall be sufficiently designed to fit the particular size main sewer pipe into which the connection is made. The hole shall be of such size to provide one-eighth inch clearance between the outside of the fitting and the hole. The space so provided shall be completely filled with cement grout. The space between the shoulder of the fitting and the face of the main sewer pipe shall be one-eighth inch thick and this space shall be completely filled with cement grout. The connection shall be encased in concrete.

(b) Fitting. The fitting shall be of cast iron, concrete, vitrified clay, plastic, or other approved materials, and shall be capable of receiving the type of pipe used for the building sewer lateral.

(c) Fees. All taps will be billed on time and material basis. (Ord. 61-5472 §6 (part), 2011, File No. 78-0745; Ord. 61-4778 §1(part), 1992; Ord. 61-4428 §§2, 3, 4, 1979; Ord. 61-4380 §1(part), 1978.)

19.20.080 Drain ends protected. The ends of all sanitary sewer pipes not immediately connected shall be securely closed with a plug so as to prevent the introduction of sand, earth or drainage from an excavation. The ends of all sewer laterals installed for future use shall be sealed with a plug or cap of the same material as the lateral. (Ord. 61-4380 §1(part), 1978.)

19.20.090 Prohibited location. No water or sewer lateral, water service, or building sewer shall extend over or through any property description except the property served. Access shall be through a public right-of-way. (Ord. 61-4380 §1(part), 1978.)

19.20.100 Defective or inferior pipe prohibited. No person shall connect with any public sewer any pipe that is cracked, damaged, or of any inferior make or quality. Should any person furnish pipe of an inferior make or quality to connect with a public sewer, the master plumber shall refuse to install the same and shall immediately notify the plumbing inspector, who shall require that necessary change be made so as to conform with this chapter. (Ord. 61-4380 §1(part), 1978.)

19.20.110 Old pipe or drain. Whenever necessary to disturb a drain or sewer in actual use, the same shall not be obstructed nor discontinued without special permission of the plumbing inspector; and it is unlawful to make any new connections with or extensions to any old drain without permission of the plumbing inspector. (Ord. 61-4380 §1 (part), 1978.)

19.20.120 Use of sewers. No person shall deposit in any sewer or drain, garbage, gasoline, tar, grease, waste oil, rags, or other substances likely to cause obstruction, nuisance, or explosion therein, or to do any act which may cause injury thereto. Any person who violates any provisions of this section shall, in addition to the penalty prescribed in this chapter, be liable to the city for the cost of removing such obstruction and of repairing injury resulting therefrom. This section is in addition to and shall be read with Chapter 13.62 of this code. (Ord. 61-4380 §1(part), 1978.)

19.20.125 External Grease Interceptors. External grease interceptors shall be installed and maintained for all new restaurants, large kitchen operations, fast food establishments, etc. Existing businesses under extensive remodeling and where grease problems have been documented, the plumbing inspector may require installation of exterior grease interceptors as a condition of a plumbing permit. (Ord. 61-5121 §1, 2001, File No. 01-0615.)

19.20.130 Shoring of trenches. Whenever there is danger of caving, the sides of all trenches shall be supported with adequate sheeting and braces to comply with current State Department of Safety and Professional Services regulations and OSHA requirements. (Ord. 61-5503 §2 (part), 2012, File No. 77-0941; Ord. 61-4380 §1(part), 1978.)

19.20.140 Backfilling (a) The backfilling of all trenches to a depth of twelve inches over the pipe shall comply with WAC, and shall be the direct responsibility of the plumbing inspector.

(b) The remainder of the backfilling of that portion of trenches within the public right-of-way, to the property side of the sidewalk line, shall be the responsibility of the excavating contractor and shall be as follows:

(1) The remainder of the backfilling, after foundations are prepared, with proper procedures as detailed in WAC, may consist of clay type soils with proper moisture content for maximum compaction, drying or wetting soils as needed and with mechanical compaction at time of back-filling. Backfilling shall be mechanically compacted in layers not to exceed eight inches in depth. The contractor shall have a vibratory-type compactor on the job site, in operating condition, before starting to backfill with clay type soils. Other backfill materials shall be limited to granular soil materials or rocky substances not exceeding one cubic foot in volume. Rocks shall be entirely enveloped by fine material. Compaction shall be to a minimum of ninety-five percent Proctor Density. Sandy soil shall have optimum moisture when mechanically compacted.

(2) Backfilling for pipe sewers may be done immediately after the placing by hand of fine backfill. Such backfilling may be carried on from the top of the trench by mechanical means, or by dumping directly from trucks, or by hand. The backfill in no case shall be dropped from such height or in such volume that its impact upon the sewer structure will cause damage.

(3) Trenches, where excavated material is sandy or granular, or where, at the option of the inspector, sandy or granular material is specially imported for backfill purposes, compaction may be obtained by jetting. Sandy or granular material shall pass a four-inch square sieve and shall not contain more than five percent of material which will pass a #200 sieve. It shall be of such character as to readily compact with water and shall permit excess water to pass through it quickly. Soils jetted shall be compacted to a minimum of ninety-five percent Proctor Density;

(A) The hose shall have a minimum diameter of two inches, and the pipe nozzle a minimum diameter of one and one-half inches and a minimum length of four feet. A hydrant regulating valve shall be provided by the contractor so that the hydrant, if one is used, can be fully opened while jetting is proceeding.

(B) During the jetting operations, the nozzles shall be inserted as deeply into the backfill as is possible without damaging the sewer structure or its foundation. The insertions shall be made at intervals of five feet or less and maintained unless the backfilling is saturated. Depressions caused by flooding shall be backfilled until there is no further settlement. Where city water is not available, mechanical compaction shall be used.

(Ord. 61-4380 §1(part), 1978.)

19.20.150 Maintenance. No person shall file any claim against the city for costs or damages for any repairs, replacements, or interrupted service of any sewer lateral. It shall be the responsibility of the owner of the property being served by any sewer lateral to maintain the entire lateral from a point including the connection to the sewer main and extending through the entire public right-of-way to the property line. (Ord. 61-4380 §1 (part), 1978.)

Chapter 19.24

CONNECTION TO WATER MAIN²

Sections:

- 19.24.010 Permit required.
- 19.24.020 Separate water service.
- 19.24.030 Material.
- 19.24.040 Size.
- 19.24.050 Valve controls.
- 19.24.060 Authority to control water service.
- 19.24.070 Compulsory connection to sewer and water.

19.24.010 Permit required. No connection to any public water main shall be made without a permit from the plumbing inspector. All such work shall be executed in compliance with city ordinances, laws and regulations of the state, or by any agency thereof. (Ord. 61-4380 §1 (part), 1978.)

19.24.020 Separate water service. Every building shall have a separate and independent connection with a public water main where provided in a public right-of-way abutting the property. (Ord. 61-4380 §1(part), 1978.)

19.24.030 Material. The underground water service pipe from the curb stop or a private water supply system to any building shall be of type “K” copper water tube or ductile iron water main. On a case by case basis, the plumbing inspector may consider other types of piping for underground water service pipe. Thawing of this type of piping will solely be the responsibility of the property owner or tenant. (Ord. 61-5119 §1, 2001, File No. 01-0613; Ord. 61-4380 §1(part), 1978.)

19.24.040 Size. The water service or building supply pipe to any building shall be sized in accordance with Wausau water utility regulations. (See 13.16.070 of this code.) The minimum size shall be one inch.

Water services accommodating future uses on existing vacant property shall be sized for the maximum land use of the property. The land use is to be determined by the Wausau municipal zoning ordinance in effect at the time of the installation of the water services. (Ord. 61-4380 §1(part), 1978.)

19.24.050 Valve controls. Service controls equal in size to the service piping shall include a valve shutoff at the main, a curb stop or valve at the curb, or privately-owned pump, and a gate, ball, or plug valve inside the foundation wall of each building where the meter is installed. A gate, ball, or plug valve equal to or larger than the meter size shall be provided on the outlet side of the meter.

² For compulsory connection, see Chapter 13.16 of this code.

Service piping of one and one-half inches or over shall have a full size bypass around meter. (Ord. 61-4380 §1 (part), 1978.)

19.24.060 Authority to control water service. No plumber shall turn on, or leave turned on, any water service curb stop after the completion and trial of his work, which for any reason has been turned off by the water department. No unauthorized individual shall turn water on or off after it has been turned on or off from the given service. (Ord. 61-4380 §1(part), 1978.)

19.24.070 Compulsory connection to water. When notified, 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 supply connection thereto, and shall abandon any existing source of water except as may be permitted by special permit signed by the plumbing inspector. In all cases connection to public water supply will occur within one year after public water becomes available. If abandonment of private wells are an explicit condition of DNR approval for new construction of sanitary sewers per Wisconsin Administrative Code requirements, the Wausau sewerage utility will ensure the proper abandonment of private wells at no expense to the property owner. This will only apply to private wells within fifty feet of sixteen-inch or larger sanitary sewers which are constructed in the future. In these cases the property owner will be required to make immediate connection to the public water supply at his own expense as defined per this section in order to permit the timely abandonment of the private wells. Property owners affected by this provision will be notified no less than ninety days prior to this requirement. (See also Chapter 13.16 of this code.) (Ord. 61-4544 §4, 1984; Ord. 61-4380 §1(part), 1978.)

Chapter 19.30

PRIVATE WATER WELLS

Sections:

- 19.30.010 Purpose.
- 19.30.020 Definitions.
- 19.30.030 Private well permit.
- 19.30.040 Private well abandonment.
- 19.30.050 Penalties.

19.30.010 Purpose. This chapter regulates the construction and continued use of private wells within the city where public water service is provided. This chapter is also intended to prevent contamination of groundwater and to protect public health, safety and welfare by assuring that unused, unsafe or noncomplying wells or wells which may serve as conduits for contamination or wells which may be illegally cross-connected to the public water system are properly abandoned. (Ord. 61-4738 §1(part), 1991.)

19.30.020 Definitions. For the purpose of this chapter:

- (a) "Municipal water system" means Wausau Water Works.
- (b) "Noncomplying" means a well or pump installation which does not comply with the provisions of Chapter NR 812, Wisconsin Administrative Code, in effect at the time the well was constructed, a potential 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 Chs. NR 109 or 140, Wisconsin Administrative 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 Ch. NR 812, Wisconsin Administrative Code. (Ord. 61-5126 §1(part), 2001, File No. 01-0833; Ord. 61-4738 §1(part), 1991.)

19.30.030 Private well permit. The plumbing inspector may grant a permit to a private well owner to operate a well for a period not to exceed five years, providing conditions of this code and other applicable state and health requirements are met. An owner may request an initial or renewal of a private well permit on an application form provided by Wausau Water Works. The permit request must clearly state the purpose of the well. Applications for a new permit or to renew an existing permit submitted after July 1, 2011 must include the following:

(a) A copy of a Bacteriological Analysis report from a state approved drinking water laboratory indicating the water is bacteriologically safe;

(b) A Wisconsin Department of Natural Resources Well and Pressure System Inspection form signed by a licensed well driller or pump installer certifying that the well system is in compliance with ch. NR812 requirements;

(c) A separate statement signed by a licensed well driller, pump installer, plumber, or certified cross connection inspector surveyor stating that there are no cross connections between the well or pump system and the municipal water system;

(d) The permit application for existing wells shall be reviewed by the utility director or environmental engineer prior to the permit issuance by the plumbing inspector. Requests for permits for new private water supply wells to be constructed within the city limits shall be reviewed by the commission. (Ord. 61-5477 §1(part), 2011, File No. 11-0508; Ord. 61-5126 §1(part), 2001, File No. 01-0833; Ord. 61-5021 §1, 1999; Ord. 61-4738 §1(part), 1991.)

19.30.040 Private well abandonment. All wells located on premises served by the municipal water system shall be abandoned in accordance with the terms of this code and Ch. NR 812, Wisconsin Administrative Code, no later than one year from the date of connection to the municipal water system, unless a private well permit has been obtained by the well owner from the city as specified by this code.

All wells abandoned under the jurisdiction of this code or rule shall be abandoned according to the procedures and methods of Ch. NR 812, Wisconsin Administrative Code. All debris, pump, piping, unsealed liners and any other obstructions which may interfere with sealing operations shall be removed prior to abandonment.

An abandonment report form, supplied by the Department of Natural Resources, shall be submitted by the well owner to Wausau Water Works and the Department of Natural Resources within ten days of the completion of the well abandonment. (Ord. 61-5472 §7 (part), 2011, File No. 78-0745; Ord. 61-5126 §1(part), 2001, File No. 01-0833; Ord. 61-4738 §1(part), 1991.)

19.30.050 Penalties. Any well owner violating any provision of this chapter shall upon conviction be punished by forfeiture of not less than twenty dollars nor more than one hundred

dollars and the cost of prosecution. Each day of violation is a separate offense. If any person fails to comply with this chapter for more than ten days after receiving written notice of the violation, the municipality may impose a penalty and cause the well abandonment to be performed and the expense to be assessed as a special tax against the property. (Ord. 61-4738 §1(part), 1991.)

Chapter 19.32

SWIMMING POOLS

Sections:

- 19.32.010 Public—Permit required.
- 19.32.020 Private—Permit required.

19.32.010 Public—Permit required. Before commencing the installation of a public swimming pool, a permit authorizing plumbing, mechanical and drainage work shall be obtained from the plumbing inspector. The application for a permit shall be accompanied by plans and specifications together with written approval from the State Board of Health, copies of which shall be filed with the plumbing inspector. (Ord. 61-4380 §1(part), 1978.)

19.32.020 Private—Permit required. Before commencing the installation of a private residential swimming pool, a permit authorizing plumbing, mechanical and drainage work shall be obtained from the plumbing inspector. The application for a permit shall be accompanied by plans and specifications showing the following in sufficient detail:

- (a) Pool dimensions and volume of water in gallons;
- (b) Type and size of filter system, filtration and backwash capabilities;
- (c) Pool piping layout, showing pipe sizes, valves and type of materials;
- (d) The rated capacity and head at filtration and backwash flows of the pool pump in gallons per minute with size and type of motor;
- (e) Location and type of waste water disposal system. (Ord. 61-4380 §1(part), 1978.)

Chapter 19.36

INDIVIDUAL SEWAGE DISPOSAL SYSTEMS

Sections:

- 19.36.010 Allowable use.
- 19.36.020 Permit required—Restrictions.
- 19.36.030 Application for permits.
- 19.36.040 Construction.
- 19.36.060 Industrial and commercial establishments.
- 19.36.070 Sewer system available.

19.36.010 Allowable use. Individual sewage disposal systems may be constructed where no public sewage system is available or likely to become available within a reasonable time. (Ord. 61-4380 §1(part), 1978.)

19.36.020 Permit required—Restrictions. (a) Permit to construct an individual sewage disposal system shall be obtained from the plumbing inspector.

(b) No permit to construct a private sewage disposal system shall be granted without written approval from the board of public works and the water and sewerage utility commission. (Ord. 61-4380 §1(part), 1978.)

19.36.030 Applications for permits. Applications for permits shall be in writing and include the following:

- (a) Name and address of applicant;
- (b) Legal description of property;
- (c) Percolation test as required in SPS 383 of the Wisconsin Administrative Code;
- (d) Complete plan of the proposed facility showing the location and size of all proposed disposal facilities, location of water supplies, buildings and lot lines. (Ord. 61-5503 §2 (part), 2012, File No. 77-0941; Ord. 61-5472 §8 (part), 2011, File No. 78-0745; Ord. 61-4380 §1(part), 1978.)

19.36.040 Construction. The entire disposal system shall comply with SPS 383 of the Wisconsin Administrative Code. (Ord. 61-5503 §2 (part), 2012, File No. 77-0941; Ord. 61-5472 §10 (part), 2011, File No. 78-0745; Ord. 61-4380 §1(part), 1978.)

19.36.060 Industrial and commercial establishments. Individual sewage disposal systems as defined in this chapter involving septic tanks and absorption field shall be permitted for industrial and commercial establishments. Private disposal systems for such uses shall be by design of a competent registered engineer specializing in sanitation, plans for the installation having been approved by state and local authorities. (Ord. 61-4380 §1(part), 1978.)

19.36.070 Sewer system available. Private systems for sewage disposal shall be discontinued within one year after public sewers become available. The building sewer shall be discontinued from the old system and be reconnected with the public sewer. All abandoned septic tanks and seepage pits shall have the contents removed and shall be immediately filled with sand, gravel, or similar material. (Ord. 61-4380 §1(part), 1978.)

Chapter 19.40

CROSS-CONNECTION TO WATER SERVICE

Sections:

- 19.40.010 Cross-connection regulations—Municipal code.
- 19.40.020 Enforcement authority.
- 19.40.030 State provisions adopted.

19.40.010 Cross-connection regulations—Municipal code. See Chapter 13.13 of this code. (Ord. 61-4666 §1(part), 1989.)

19.40.020 Enforcement authority. The plumbing inspector has the full authority and responsibility to enforce Chapter 13.13 of this code and the State Plumbing Code with reference to cross-connections. (Ord. 61-4666 §1(part), 1989.)

19.40.030 State provisions adopted. The city adopts by reference the State Plumbing Code of Wisconsin, Chapter ILHR 82 of the Wisconsin Administrative Code concerning cross-connections. (Ord. 61-4666 §1(part), 1989.)

Chapter 19.44

SPECIAL PROVISIONS

Sections:

- 19.44.010 Connections to water distribution system.
- 19.44.020 Trailer wastes.
- 19.44.030 Abandoned water and sewer service.
- 19.44.040 Parking lots and surface drains.
- 19.44.050 Catch basins and receptacles.
- 19.44.060 Subsoil or footing drains.
- 19.44.070 Catch basin ejectors.
- 19.44.080 Sump pumps.
- 19.44.090 Roof drains.
- 19.44.100 Mobile home and trailer camp regulations.

19.44.010 Connections to water distribution system. No valve or connection of any kind shall be tapped into the wall of any domestic water pipe, nor shall any saddle type of connection device be used except on a valved branch provided for this purpose. (Ord. 61-4380 §1(part), 1978.)

19.44.020 Trailer wastes. No person shall discharge the effluent from any trailer privy or disposal collector used in trailers for human habitation into any plumbing fixture not specifically designed for the reception of such effluent. (Ord. 61-4380 §1(part), 1978.)

19.44.030 Abandoned water and sewer service. Before a building is moved or demolished, the water services and building sewers shall be located at the property line. The water service and sewer shall be sealed off in the presence of the plumbing inspector. The plugs or seals shall not be covered until an approval has been given by the plumbing inspector. (Ord. 61-4380 §1(part), 1978.)

19.44.040 Parking lots and surface drains. (a) All parking lots shall meet the requirements of Chapter 15.52 of this code, and shall be provided with adequate yard drainage. Where a storm sewer is available and the lot is greater than seven thousand five hundred square feet in area, the lot shall be provided with interior yard drainage and shall be connected to the storm sewer. In all cases, drainage shall be to a terminal designated and approved by the city engineer and the plumbing inspector.

(b) The size of the storm sewer serving a parking lot shall be determined by the area to be drained and be approved by the city engineer.

(c) Catch basins and grate areas shall be to the standards of the city specifications. (Ord. 61-4739 §1, 1991; Ord. 61-4380 §1(part), 1978.)

19.44.050 Catch basins and receptacles. All storm or clearwater drain pipes that must be left open to drain basement areas, yards, gardens or other places shall be connected with suitable catch basins of brick, vitrified clay pipe, concrete or other suitable substance, the bottom of which shall

not be less than one-half foot below the bottom of the outlet pipe. Every such catch basin or receptacle shall be placed inside the lot line of the lot or lots to be drained. The installation of such basins or connections shall have the approval of the plumbing inspector and city engineer. (Ord. 61-4380 §1(part), 1978.)

19.44.060 Subsoil or footing drains. Where footing or subsoil drains are installed without or within the walls or footings of any building, they shall be discharged to an accessible catch basin not less than eighteen inches deep and twelve inches in diameter. The rim of such catch basin shall terminate not less than two inches above the basement floor and shall be located not less than ten feet from any building drain or branch. No catch basin will be required when footing or subsoil drains can be discharged to the storm sewer, a seepage pit or to the ground surface by gravity; provided, that the discharge point is within the property boundaries or to a public gutter and that no hazard or nuisance is created. (Ord. 61-4380 §1(part), 1978.)

19.44.070 Catch basin ejectors. When there are indications that indoor catch basins receiving the discharge of subsoil drains will discharge indirectly to the sanitary sewer, a sump pump, or ejector shall be installed to elevate the contents of the basin to a proper discharge point. (Ord. 61-4380 §1(part), 1978.)

19.44.080 Sump pumps. All sump pumps installed for the purpose of discharging clear waters from foundation drains and ground infiltration and where the building is not serviced by gravity shall either discharge into an underground conduit leading to a drainage ditch, gutter, dry well, or shall discharge onto the ground at least one foot or more out from the building and above permanent grade in such manner as not to create a nuisance. No sump discharge shall be allowed to flow on or across a public sidewalk. The discharge pipe shall not be reduced in size from the discharge opening left by the manufacturer. The discharge pipe from the pump opening to the outside of the building shall be rigidly secured. (Ord. 61-4380 §1 (part), 1978.)

19.44.090 Roof drains. Roof drains may discharge on the ground, provided such discharge does not create a nuisance. (Ord. 61-4380 §1(part), 1978.)

19.44.100 Mobile home and trailer camp regulations. (a) Mobile home parks shall be served by a private main sanitary sewer connected to the municipal sanitary sewer system. The connection from an individual mobile home to the private main sanitary sewer shall be adequately trapped and vented to conform with regulations set forth by state and local authorities.

(b) The size of the water service for a mobile home and trailer camp shall be determined by the number of units served and shall conform to the recommendations of the municipal water department superintendent, and the plumbing inspector. (Ord. 61-4380 §1(part), 1978.)

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Chapter 19.48

INSURANCE

Sections:

- 19.48.010 Required.
- 19.48.020 Exceptions.

19.48.010 Required. Before permits are issued, each master plumber shall have in full force and effect public liability insurance in the amount of one hundred thousand dollars for each injury, three hundred thousand dollars personal injury for each accident and one hundred thousand dollars property damage and Workmen's Compensation insurance. Certificates of such insurance shall be filed with the city clerk, together with a statement by the insurance company, showing that such policies will not be canceled without extending ten days' written notice to the city clerk. No permits shall be lawfully issued and no plumbing work shall be installed or worked on unless such policies are in full force and effect. (Ord. 61-4380 §1(part), 1978.)

19.48.020 Exceptions. The requirements of section 19.48.010 of this chapter shall not apply to property owners performing plumbing work within their owner-occupied single-family dwelling. Section 19.48.010 shall apply to any work performed in a public right-of-way. (Ord. 61-5472 §12 (part), 2011, File No. 78-0745; Ord. 61-4380 §1(part), 1978.)

Chapter 19.52

PENALTIES

Sections:

19.52.010 Penalty for violation.

19.52.010 Penalty for violation. Any person who violates any provision of this title shall be subject to a penalty as provided in section 1.01.110 of this code. Each violation and each day on which a violation of any provision of this title occurs or continues shall constitute a separate offense. (Ord. 61-4380 §1(part), 1978.)