

ARTICLE III. - PLUMBING CODE^[7]

Footnotes:

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Charter ordinance reference—Chief plumbing inspector, appointment, § 2-27.

Cross reference— Fire hydrant requirements, § 50-376 et seq.; automatic fire extinguishing equipment, § 50-391 et seq.; automatic sprinkler systems, § 50-406 et seq.; public swimming pools, § 54-56 et seq.; utilities, ch. 98.

State Law reference— Plumbing and fire protection systems, Wis. Stats. § 145.01 et seq.

DIVISION 1. - GENERALLY

Sec. 18-466. - ~~Office of e~~Chief plumbing inspector.

(a) *Creation.* The office of chief plumbing inspector is hereby created in accordance with Wis. Stats. § 145.05, to enforce the provisions of this article. The chief plumbing inspector shall, under the direction of the ~~commissioner of public works~~director of city development, have control of the inspection of plumbing, water supply and drainage installations from the street main, curb, or other terminal and installations inside and in connection with any building as set forth in this article.

(b) *Qualifications.* The chief plumbing inspector shall be a licensed journeyman plumber who is skilled in the designing, planning, installing and superintending of plumbing and building drainage work, and who shall have had at least ten years' practical experience in such work, ~~and, except in the case of the present incumbent, who shall have successfully passed the examination as provided in this article. S/He shall not be interested directly or indirectly in a plumbing or drain laying business within the city limits and shall devote his or her full time to the duties of his or her office.~~

(c) *Authority/Duties.* The chief plumbing inspector, under the direction of the ~~commissioner of public works~~director of city development, shall exercise such supervision over all plumbing installations as may be necessary to enforce the provisions of this article and the state law and code, and to make all plumbing safe and sanitary and to promote public welfare in all classes of buildings, private and public. ~~S/He shall have the right to enter any building during reasonable hours in the discharge of his or her official duties.~~ If any part of the plumbing system is found by the chief plumbing inspector to be in violation of the municipal plumbing code, and may be a hazard to persons or property, then the chief plumbing inspector may order the water service to the building to be ~~discontinued.~~ discontinued. The chief plumbing inspector shall prepare suitable forms for the applications and permits required under this article and shall keep copies for reference. S/he shall file a monthly and yearly report with the common council.

The chief plumbing inspector shall prepare suitable forms for the applications and permits required under this article and shall keep copies for reference. S/He shall file a monthly and yearly report with the common council. Defects revealed during inspection shall be set forth in detail verbally or in writing.

(d) *Prohibited activities.* It shall be unlawful for the chief plumbing inspector or any of his or her assistants to engage in or have any direct or indirect financial interest in the business of sales, installation, and/or maintenance of plumbing within the city limits and while holding such position.0

(e) *Right of entry.* The chief plumbing inspector or his or her assistants shall have the right to enter any building or premises during reasonable hours for purposes of inspecting and enforcing his or her official duties and the provisions of this article and for that purpose shall be given prompt access upon notification to the proper authority.

(Code 1973, §§ 14.04.010—14.04.040; Ord. No. 6-97, pt. 1, 4-2-97; Ord. No. 12-11, pt. 1, 12-14-11)

Charter ordinance reference— Appointment, [§ 2-26](#).

~~Secs. 18-467-18-475.—Reserved.~~

Sec. 18-467. Notice to correct defects; failure to remedy.

(a) When any plumbing is found by the chief plumbing inspector to be either dangerous to persons or property because it is defectively installed, or in violation of the provisions of this article or the State Plumbing Code, the owner or the person responsible for such plumbing shall be notified in writing and shall make any changes or repairs required to place such plumbing in conformance with the provisions of this article or the state code within the time specified in the notice. Failure to comply with such orders shall constitute a violation of this subsection.

(b) No person shall erect, use, occupy or maintain any building or structure, nor cause or permit any other person to use, occupy or maintain any building or structure, upon notice by the chief plumbing inspector that such uses are prohibited until the plumbing violations have been abated to the satisfaction of the chief plumbing inspector.

(c) No permit shall be issued to any person whose work is in violation of this article and/or fails to correct his/her work as required by the chief plumbing inspector, until such violations have been abated.

Sec. 18-468. – Penalty for violation of article.

- (a) Permit penalty. Any person violating this article by starting plumbing work without a permit, shall be required to pay a fee in an amount equal to triple the original permit fee, in addition to any penalties applicable per sections 1-15 and 1-18 of the ordinance.
- (b) General penalties. Unless noted otherwise, any person or building owner violating any provisions of this article shall upon conviction be assessed a forfeiture as provided in section 1-15 of the ordinance. Each day of the violation shall constitute a separate offense as specified in section 1-18 of the ordinance.

Secs. 18-469—18-475. - Reserved.

DIVISION 2. -- Reserved. PERMIT

DIVISION 3. – PERMITS AND INSPECTIONS.

Sec. 18-476. -- ~~Permit and inspection~~ Required; ~~inspection~~.

No person shall do any plumbing work in the city until after a permit therefor has been issued by the chief plumbing inspector. All plumbing work under permit shall be inspected and approved by the chief plumbing inspector before it is concealed.

(Code 1973, § 14.05.010; Ord. No. 5-94, pt. 1, 3-15-94)

Sec. 18-477. - Application form; payment of fees.

- (a) The application form for a permit under this article shall be furnished by the chief plumbing inspector. The form shall contain an accurate description of the property, the street location to be opened and all purposes for which the plumbing is to be used. No permit shall be deemed to authorize anything not stated in the application. The application shall be signed by the owner or his or her authorized agent, and where the work is not to be performed by the owner in person, by a person licensed as a master plumber or utility contractor pursuant to Wis. Stat. §§ 145.06(1) and (4).
- (b) No new application for a permit under this article will be accepted from an applicant who has failed to pay all fees and additional fees for previous permits, nor shall any further inspection be made until such fees have been fully paid. The fees for plumbing permits and inspections are determined by the budget process and are as stated on the permit application.

(c) When a permit is issued to a person who is licensed by the state, any work performed under that permit shall be done either by that person or a properly licensed employee of the person or contractor whom the permit is issued to.

(Code 1973, § 14.05.020; Ord. No. 6-92, pt. 1, 3-3-92)

Sec. 18-478. - Submission of plan.

~~A plumbing plan shall be submitted~~At the discretion of the chief plumbing inspector, a plumbing plan shall be submitted for all new installations, additions and alterations to drain system, vent system or water supply system involving ~~six~~ eleven or more plumbing fixtures to be installed in public buildings or ~~eleven~~ eight or more fixtures in one- or two-family dwellings. ~~A plumbing plan shall be submitted and approved prior to the installation of a turf sprinkler system.~~

(Code 1973, § 14.05.030; Ord. No. 6-97, pt. 2, 4-2-97)

Sec. 18-479. - Plans and specifications; temporary permit.

Plans and specifications for plumbing to be installed in and outside of all buildings, structures, parks, areas or complexes shall be submitted to the chief plumbing inspector's office and written approval received before commencing work. Receipt of all plans shall be acknowledged immediately. The city may issue a temporary permit to commence work provided plan review is not completed within 30 days of submittal. The issuance of a temporary permit shall not be construed as plan approval, and the temporary permit may be revoked if plans are not altered as directed by the chief plumbing inspector's office.

(Code 1973, § 14.05.040)

Sec. 18-480. - Plan examination fees.

- (a) *Fees.* Plan examination fees for preliminary or complete plans under this article shall accompany the plans and specifications when submitted. Written approval shall not be granted until all applicable fees have been paid. The fee for plan examination shall be set by the state under Wis. Stat. § 145.02(3)(g).
- (b) *Fee adjustment.* Examination fees under this article may be adjusted biennially in the odd numbered year, in direct proportion with the plan examination fee imposed by the state.

(Code 1973, § 14.05.050)

~~Secs. 18-481- 18-482. - Reserved.- Failure to remedy defective work. No permit shall be issued to any person during the time he shall fail to remedy any defective work upon notification by the chief plumbing inspector.~~

~~(Code 1973, § 14.07.020)~~

Sec. 18-483. - Issuance of permits; appeals.

The chief plumbing inspector shall grant all permits for which proper application has been made unless the granting of such permit appears to be contrary to the provisions of this article or the state plumbing code or to the health, safety or general welfare of the public, in which case the reasons for denial shall be reduced to writing and delivered or mailed to the applicant. The applicant may, within 30 days after the denial, request a review of the decision with the public works and services committee by filing a written request with the city clerk. The decision of the committee shall be made within 30 days of the request and is subject to approval or denial by the common council.

(Code 1973, § 14.08.010)

Sec. 18-484. - Time in which permit becomes void.

The plumbing permit shall become void if work is not commenced within four months from the date thereof, or if the permit applicant has not called for an inspection for a period of 120 days any time after the permit has been issued. The permit may be extended by the chief plumbing inspector if the delay was due to conditions beyond the control of the applicant. When the permit is voided, no work shall be resumed until the fees required in this article are paid and a new permit is issued.

(Code 1973, § 14.09.050; Ord. No. 6-92, pt. 6, 3-3-92; Ord. No. 6-97, pt. 4, 4-2-97)

Secs. 18-485—18-4965. - Reserved.

~~DIVISION 3. --- INSPECTION~~⁽⁸⁾

Footnotes:

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~~(63) State Law reference—~~ Special inspection warrants, Wis. Stats. § 66.~~0119122~~; special inspection warrants, form, Wis. Stats. § 66.~~0119(3)123~~.

~~Sec. 18-496. — Schedule of fees~~

~~The schedule of plumbing inspection fees is as follows:~~

- ~~(1) A minimum fee of \$36.00 for each connection to a main sewer or to an existing lateral.~~
- ~~(2) For each sanitary or storm sewer laid, a fee of \$36.00 for the first 100 feet or part thereof, plus \$0.36 per foot over 100 feet.~~
- ~~(3) For each fixture installed or roughed in, \$9.50; for each fixture replacement, \$9.50.~~
- ~~(4) For each sewer repaired between curb and building, or between main and curb, \$50.00.~~
- ~~(5) For each building sewer abandonment, \$55.00.~~
- ~~(6) Plan review fees for private water mains, private public buildings (except those owned by the state) shall be in accordance with Wis. Admin. Code Comm. 82.20(7). A fee of \$65.00 shall be charged for plan review of turf-sprinkler systems. A fee of \$36.00 shall be charged for plumbing plan review of one- and two-family buildings.~~
- ~~(7) A minimum fee of \$40.00 for each plumbing permit except for a single water heater replacement which shall be \$24.00.~~
- ~~(8) A fee of \$75.00 per hour, or fraction thereof, for plumbing inspections requested for other than the normal working hours of the plumbing inspection department.~~
- ~~(9) Failure to call for a final inspection, \$55.00.~~
- ~~(10) — For each sanitary or storm building drain (inside sewer), a minimum fee of \$36.00 for the first 100 feet or part thereof, plus \$0.36 per foot over 100 feet.~~
- ~~(11) — For each water service installed, repaired or replaced, \$36.00.~~

~~(Code 1973, § 14.09.010; Ord. No. 6-92, pt. 2, 3-3-92; Ord. No. 5-94, pt. 2, 3-15-94; Ord. No. 2-95, pt. 1, 2-7-95; Ord. No. 6-97, pt. 5, 4-2-97; Ord. No. 2-99, pt. 1, 4-7-99; Ord. No. 17-02, pt. 2, 10-1-02)~~

Sec. 18-497. - Additional application of permit fees, fee schedule.

~~The schedule of fees in section 18-496 shall also apply to the following:~~ Plumbing permit fees shall also apply to items including: hot water storage tanks, rainwater leaders or downspouts, private sewerage disposal systems, mechanical garbage disposers, fire hoses or brackets, catch_basins, machine wastes, acid tanks, water softeners, blow-off basins, coal-fired or gas or electric or oil water heaters, floor drains, and hose bibs, and air admittance valves.

(Code 1973, § 14.09.020)

Secs. 18-498 – 18-499. – Reserved.

~~Sec. 18-498. – Penalty for starting work without a permit.~~

~~If a plumbing installation is started before securing a permit, the fee will be triple the amount in the fee schedule.~~

~~{Code 1973, § 14.09.030; Ord. No. 6-92, pts. 3, 4, 3-3-92}~~

~~Sec. 18-499. – Reinspection fees.~~

~~A fee of \$60.00 shall be paid if, after the permittee called for inspection, the plumbing inspector was unable to gain access to the plumbing installation to be inspected or if the work was not ready for inspection.~~

~~{Code 1973, § 14.09.060; Ord. No. 6-92, pt. 7, 3-3-92; Ord. No. 5-94, pt. 2, 3-15-94; Ord. No. 6-97, pt. 6, 4-2-97; Ord. No. 2-99, pt. 2, 4-7-99; Ord. No. 17-02, pt. 3, 10-1-02}~~

Sec. 18-500. - Disposition of monies.

All money received for permits under this article shall be paid to the city treasurer and credited to the general fund. The finance director shall make a yearly report of this money to the common council.

(Code 1973, § 14.09.040; Ord. No. 6-92, pt. 5, 3-3-92)

Sec. 18-501. - Notice for final inspection.

Notice for final inspection of the plumbing installation after fixtures, appurtenances and appliances have been tested and completed, and after the installation is considered ready for use, shall be given by the person to whom a permit was issued within 48 hours of such completion. The final inspection shall be made with the water supply serving the plumbing system turned on by an authorized employee of the Racine Water Utility for such test purpose. The chief plumbing inspector may furnish the person to whom the permit was issued with a certificate of inspection. Except as permitted by the chief plumbing inspector, the final inspection must be completed before the plumbing system is used by the building occupants.

(Code 1973, § 14.11.010)

Sec. 18-502. - Reinspection fees.

(a) Where repairs have been ordered by the chief plumbing inspector and additional inspections are made necessary by reason of the person's failure to make timely repairs as specified in the notice provided, an additional inspection fee as determined by the budget and stated on the permit application shall apply for each reinspection.

(b) If at the time of the final inspection pursuant to sec. 18-501, the chief plumbing inspector finds the work to be insufficient or defective, or is unable to gain entry or access to the plumbing installation due to any reason, including locked doors, improper or lack of ladders, refused entry, etc., an inspection fee as determined by the budget and stated on the permit application shall apply for each additional inspection and must be paid before another inspection can be made. An exception may be made by the chief plumbing inspector if the inability to gain entry was due to circumstances beyond control of the permittee.

Sec. 18-503. - Bad faith; unreasonable delay.

Bad faith or unreasonable delay in the performance of plumbing work or failure to respond promptly to official communications shall constitute sufficient reason for withholding permits and/or issuing new permits.

Secs. 18-50~~4~~²—18-510. - Reserved.

DIVISION 4. - STANDARDS

Subdivision I. - Generally

Sec. 18-511. - State plumbing code adopted.

Wis. Stats. ch. 145 and the Wisconsin State Plumbing Code, Wis. Admin. Code chs. ~~SPS 302, SPS 305, and SPS 381 through SPS 384~~Comm 5, Comm 82, Comm 83, and Comm 84, are hereby adopted and by reference made a part of this article with the same force and effect as though set out in this article in full, ~~and f~~Failure to comply with any of the provisions of the statutes or code shall constitute a violation of this article. A copy of the state plumbing code shall be on file in the offices of the chief plumbing inspector and the city clerk. In any case where a provision of this article is found to be in conflict with the statutes or state plumbing code, the provision of the state plumbing code shall prevail. If

any section of this ordinance is found to be unconstitutional or otherwise invalid, the validity of the remaining sections shall not be affected.

(Code 1973, §§ 14.02.010, 14.02.020; Ord. No. 6-97, pt. 7, 4-2-97)

Sec. 18-512. - Abandonment of sewer and water connections.

- (a) Any person demolishing or moving a building, ~~or structure, or other facility, similar type of work~~ which is served by sewer and/or water, ~~or both~~, shall, under permit, properly abandon the building sewer or water service, or both, immediately inside the front lot line on private property or at a location as directed by the chief plumbing inspector. Building sewers and water services shall be properly abandoned before a building is demolished or moved. Under certain conditions, the chief plumbing inspector may allow a building to be demolished or removed prior to abandoning the building sewer and water service.
- (b) Building sewers and water service abandoned ~~under this section~~ shall be regulated as follows:
- (1) The building sewer shall be disconnected at the property line or at a location as directed by the chief plumbing inspector inspection, the front lot line and a cap, plug, or bulkhead installed. On a vitrified clay or concrete sewer, a pipe shall be cemented into the bell or hub. If the pipe, bell or hub is broken, then a swab and six inches of concrete shall be inserted in the sewer. The sewer shall be sealed with an approved mechanical joint, along with a ~~and~~ plug or cap. Under proper conditions, the chief plumbing inspector may allow a concrete plug to be used as a permanent bulkhead.
 - (2) Any septic tank, ~~or~~ distribution box, or similar item on the premises shall be pumped dry of its contents and filled with earth.
 - (3) The water supply to the premises shall be turned off at the street main or at the curb or lot line by an authorized employee of the Racine wWater Utilitydepartment.
 - (4) The water service shall be disconnected at the front lot property line or at a location as directed by the chief plumbing inspector. The service shall be sealed with an approved mechanical joint, along with and plug or cap. Under proper conditions, the chief plumbing inspector may allow the pipe to be folded shut and clamped. An employee of the Racine Water Utility must be present to inspect the disconnected and abandoned service for record keeping purposes. Failure to arrange for this inspection with the Racine Water Utility will result in the permittee digging up the service at his/her cost so that a proper inspection record can be logged by the Racine Water Utility. ~~line and a plug or cap installed. On copper pipe, a plugged flared adapter shall be installed. On cast iron pipe, a cast iron plug or cap with a lead caulked joint shall be installed. On lead pipe, a solder joint shall be made.~~

(5) Any well on the premises shall be permanently abandoned according to procedures outlined in [Well and Drillhole Filling and Sealing, Abandonment of Wells](#)~~Well and drill filling and sealing~~, Wis. Admin. Code ~~section, NR 812.26~~~~section H 55.13, State Board of Health.~~

(Code 1973, § 14.22.010; Ord. No. 2-95, pts. 2, 3, 2-7-95)

Sec. 18-513. - Excavation in street.

All street openings shall be made in compliance with the terms of [Racine Municipal Code](#) sections ~~82-713~~ [82-713 through 82-83](#).

(Code 1973, § 14.21.010)

Sec. 18-514. - Garages for one- and two-family dwellings.

Floor drains serving garages for one- and two-family dwellings shall be directly connected to the sanitary or storm drain system.

(Ord. No. 6-97, pt. 8, 4-2-97)

Secs. 18-515—18-525. - Reserved.

Subdivision II. - Wastewater System^[9]

Footnotes:

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Cross reference— Wastewater system, § 98-96 et seq.; use regulations 98-121 et seq.

Sec. 18-526. - Unlawful drainage of sewage or wastes.

~~No person shall permit any sanitary drain or sanitary sewer from any building owned or occupied by such person to discharge into any open sewer or gutter or upon any public street or alley or upon or over any sidewalk.~~

No person shall permit or cause any substance, including but not limited to sewage or waste, to discharge directly or indirectly from any drain, sewer, pipe or outlet owned or occupied by such person, into any open sewer or gutter, or upon any part of the public right of way, or onto any private property, or into the subsoil of any such property.

(Code 1973, § 14.14.010)

Sec. 18-527. - Rainwater leader connection prohibited.

No person shall connect any rainwater leader, area drain or make any similar connections with any public sanitary sewer which empties into any sewage ejector or sewage disposal plant maintained by the ~~Racine city and/or W~~wastewater ~~U~~utility; ~~n~~or shall any person drain any lot or area into any manhole connection with any sanitary sewer or plant, except that the commissioner of public works and/or general manager of the ~~Racine w~~Wastewater ~~u~~Utility may under emergency situations grant permission for a deviation from this section.

(Code 1973, § 14.15.010)

Sec. 18-528. - Opening storm sewer restricted.

No person shall open any storm sewer or connect any rainwater leader or area drain therewith without permission from the commissioner of public works and subject to such conditions as the commissioner may impose.

(Code 1973, § 14.15.020)

Sec. 18-529. - Clear water drains.

All clear water or storm water drains, including roof drains, surface drains, subsoil drains, refrigerator cooling water drains, air conditioning drains, and any other clear water drains not described in this section, shall discharge into a storm sewer wherever possible, but in no case shall such drains discharge into a sanitary sewer where no storm sewer is available. Where clear water or storm water drains are connected to existing sanitary sewers, the property owner shall, upon written notice from the commissioner of public works and/or ~~Racine w~~Wastewater ~~U~~utility-~~commission~~ or its general manager, disconnect such clear or storm water drains from the sanitary sewer.

(Code 1973, § 14.15.030)

Sec. 18-530. - Junction and fittings.

The commissioner of public works and/or the general manager of the ~~Racine w~~Wastewater ~~u~~Utility shall inform plumbers of the position of junctions of the main sewer so far as such knowledge may be in his possession, but the commissioner and/or the general manager of the ~~Racine w~~Wastewater ~~u~~Utility shall not be responsible or liable to any parties for the ~~correctness~~ exact precision of such information or lack thereof. When a building connection on the street or main sewer is not found within three feet of the point designated by the commissioner of public works and/or the general manager of the ~~Racine w~~Wastewater ~~u~~Utility, permission shall be given by the chief plumbing inspector upon request to make a new connection. In making any such new connection, a Y or T fitting

approved by the chief plumbing inspector shall be used and such connection shall be made only in the presence of the chief plumbing inspector and in the manner directed by him. The connection shall be set upon or in a carefully cut opening centered in the upper quadrant of the street sewer, and shall be secured by encasement of the main sewer pipe and the fitting with concrete at least three inches thick so as to assure permanency of connection and adequate backing of the street sewer pipe. In lieu of the use of fittings and if the opening cannot be centered in the upper quadrant of the street sewer, a length of the street sewer pipe shall be removed and a Y branch section inserted in its place. The joints at the ends of such section shall be encased in concrete at least three inches thick.

(Code 1973, § 14.16.010)

Sec. 18-531. - Sewer ends to be closed.

The ends of all ~~sanitary~~ sewer pipes not immediately ~~connected-used~~ shall be securely closed so as to prevent the introduction of sand or earth or drainage from an excavation.

(Code 1973, § 14.16.020)

Sec. 18-532. - Service prior to permanent improvement.

All subdivided, platted lots in the city shall have, prior to the time of permanent improvement of any street adjoining the lots, a sanitary sewer, sewer laterals and water service connections for each platted lot. Prior to the time of permanent improvement of any street abutting on unplatted parcels of land within the city, there shall be installed prior to such improvements a sanitary sewer, sewer lateral, and water service connection for every 60 feet of frontage on such street being improved, provided however, that if this requirement would cause undue or unreasonable hardship, the commissioner of public works may grant a written waiver or modification thereof.

(Code 1973, § 14.16.030)

Sec. 18-533. - Service outside city.

- (a) Any person outside of the city limits wishing to connect to the city sewer shall make an application to the Racine ~~w~~Wastewater ~~u~~Utility ~~e~~Commission for permission to connect to the sewer. The fees for such sewer connection shall be set by the Racine ~~w~~Wastewater ~~u~~utility ~~e~~Commission, ~~including-and~~ a yearly rental amount determined upon the basis of the amount and nature of the sewage carried from the units into the sewage system.
- (b) Any person owning premises outside the city limits whose sewer from such premises flows into the sewage system of the city, directly or indirectly, shall comply with all the requirements of this article, and shall be subject to the fines and penalties provided for failure to comply therewith.

(Code 1973, §§ 14.17.010—14.17.030)

Sec. 18-534. - Sewers discharging objectionable substances; penalties.

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. Any person who violates this section shall be liable ~~at the suit of~~ the city and/or the ~~Racine w~~Wastewater ~~u~~Utility ~~or its manager~~ for the cost of removing any obstruction and/or repairing any injury resulting from such violation, in addition to the penalty provided for violation of this Code.

(Code 1973, §§ 14.18.010, 14.18.020)

Sec. 18-535. - Mechanical garbage disposers.

This article shall not prohibit the installation and use in any one-~~two-~~ and ~~two~~~~three-~~~~two~~ family units of a mechanical garbage disposer as defined in chapter 78, article III. ~~Application for the installation and use of such disposer for all~~ ~~three~~~~four~~~~three-~~ family or more apartment buildings shall first be made to the chief plumbing inspector, and a permit for such installation and use shall be issued by the chief plumbing inspector.

(Code 1973, § 14.18.030)

Cross reference— Garbage disposal units, § 78-81 et seq.

Sec. 18-536. - Sewage or wastes not to be discharged into lake or stream.

Upon written notice from the health officer, the commissioner of public works and ~~/or the water and~~ ~~Racine w~~Wastewater ~~u~~Utility ~~general~~ manager, the owner or occupant of any real estate shall not discharge ~~domestic~~ sewage, ~~or~~ industrial wastes, ~~or other waste that may be hazardous~~ therefrom into the waters of Lake Michigan or into any stream connected with or discharging into such waters, or permit such sewage or wastes to be so discharged from such premises.

(Code 1973, § 14.19.010)

Cross reference— Environment, ch. 42; utilities, ch. 98.

Sec. 18-537. - Drain passage obstructions; protection of piping.

Where the course of any sewer or drain is obstructed by water, gas, steam or other pipes or conduits, the question of passing over or under such obstruction or of the raising or lowering thereof so as to permit the construction and installation and venting of the sewer or drain shall be determined by the commissioner of public works or his ~~or her~~ authorized agent. All water, drain, sewer, steam, gas or other conduits or piping must be

protected from injury, frost or settling to the satisfaction of the commissioner of public works or chief plumbing inspector.

(Code 1973, § 14.20.010)

Secs. 18-538—18-550. - Reserved.

Subdivision III. - Cross Connection Control^[10]

Footnotes:

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Cross reference— Water utility, § 98-61 et seq.

Sec. 18-551. - Purpose.

Wis. Admin. Code chs. NR 810~~1~~ and ~~SPS 382 Comm 82~~ require protection of the public water system from contaminants due to backflow of contaminants through the water service connection.

(Ord. No. 25-93, pt. 1(§ 14.235.010), 10-5-93; Ord. No. 12-06, pt. 1, 5-10-06)

Sec. 18-552. - Definitions.

The following words, terms and phrases, when used in this subdivision, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Cross connection means any physical connection or arrangement between two otherwise separate systems, one of which contains potable water from the city water system, and the other, water from a private source, water of unknown or questionable safety, or steam, gases or chemicals, whereby there may be a flow from one system to the other, the direction of flow depending on the pressure differential between the two systems.

(Ord. No. 25-93, pt. 1(§ 14.235.020), 10-5-93)

Cross reference— Definitions generally, § 1-2.

Sec. 18-553. - Cross connection prohibited.

No person shall establish or maintain or permit to be established or maintained any cross connection. No interconnection shall be established whereby potable water from a

private, auxiliary or emergency water supply other than the regular public water supply of the city may enter the supply distribution system of the city, unless such private, auxiliary or emergency water supply and the method of connection and use of such supply shall have been approved by the ~~city~~Racine ~~w~~Water ~~u~~Utility and by the ~~state~~Wisconsin ~~D~~Department of ~~N~~natural ~~r~~Resources in accordance with Wis. Admin. Code section NR ~~810.15~~ ~~811.09~~.

(Ord. No. 25-93, pt. 1(§ 14.235.030), 10-5-93; Ord. No. 12-06, pt. 2, 5-10-06)

Sec. 18-554. - Inspections; right of entry.

- (a) It shall be the duty of the general manager of the Racine ~~city~~ ~~w~~Water ~~u~~Utility to cause inspections to be made of all properties served by the public water system where cross connections with the public water system are deemed possible. The frequency of inspections and reinspections are based on potential health hazards involved and shall be ~~as~~ established by the utility and as approved by the Wisconsin ~~state~~ ~~d~~Department of ~~n~~Natural ~~r~~Resources.
- (b) Upon presentation of credentials, the representative of the Racine ~~city~~ ~~w~~Water ~~u~~Utility shall have the right to request entry at any reasonable time to examine any property served by a connection to the public water system of the city for cross connection. If entry is refused, such representative shall obtain a special inspection warrant under Wis. Stats. § 66.~~0119~~~~122~~. Upon request, the owner, lessee or occupant of any property so served shall furnish to the inspection agency any pertinent information regarding the piping system or systems on such property.

(Ord. No. 25-93, pt. 1(§ 14.235.040), 10-5-93)

Sec. 18-555. - Disconnection of water service.

- (a) The Racine ~~city~~ ~~w~~Water ~~u~~Utility is hereby authorized and directed to discontinue water service to any property wherein any connection in violation of this subdivision exists, and to take such other precautionary measures deemed necessary to eliminate any danger of contamination of the public water system. Water service shall be discontinued only after reasonable notice and opportunity for hearing under Wis. Stats. ch. 68, except as provided in ~~Wis. Stats. § 66.0119~~~~section 6~~. Water service to such property shall not be restored until the cross connection has been eliminated in compliance with the provisions of this subdivision.
- (b) If it is determined by the general manager of the Racine ~~city~~ ~~w~~Water ~~u~~Utility that a cross connection or an emergency endangers public health, safety or welfare and requires immediate action, and a written finding to that effect is filed with the general manager of the Racine ~~city~~ ~~w~~Water ~~u~~Utility and delivered to the customer's premises, service may be immediately discontinued. The customer shall have an opportunity for hearing under Wis. Stats. ch. 68, within ten days of such emergency discontinuance.

(Ord. No. 25-93, pt. 1(§ 14.235.050), 10-5-93)

Secs. 18-556—18-565. - Reserved.

Subdivision IV. - Gas Installations^[11]

Footnotes:

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Cross reference— Fire prevention and protection, ch. 50; fire prevention and protection requirements for gas appliances, § 50-95; gas company using streets, permit required, § 82-43; water and gas shut-offs in sidewalks restricted, § 82-108.

Sec. 18-566. - National Fuel Gas Code adopted.

The National Fuel Gas Code, ANSI Z223.1-~~2015~~1992, NFPA 54-~~2015~~1992, including all amendments subsequently made thereto, is hereby adopted by reference and incorporated into this article with the same force and effect as though fully set out in this section, and failure to comply with any provision of the National Fuel Gas Code shall constitute a violation of this subdivision.

(Code 1973, § 14.24.010)

Sec. 18-567. - Installation of pipes.

- (a) *Bending pipe.* Rigid or hard tempered pipe shall not be bent. Fittings shall be used when making turns in rigid or hard tempered gas piping.
- (b) *Location and size of drips.* All drips shall be installed only in such locations that they will be readily accessible to permit cleaning and emptying. A drip shall not be located where the condensate is likely to freeze. The size of any drip shall be determined by the capacity and the exposure of the piping which drains to it and shall not be of smaller diameter than the pipe to which it is attached.
- (c) *Use of tee.* A tee fitting with the bottom outlet plugged or capped instead of an ell fitting shall be used as the bottom of any riser to catch any dirt or other foreign materials.
- (d) *Branch pipe connections.* All branch outlet pipes shall be taken from the top or sides of horizontal lines where possible. Where a branch outlet is placed on a main supply line before it is known what size of pipe will be connected to it, the outlet shall be of the same size as the line which supplies it.

(Code 1973, § 14.24.040(b)—(d), (h))

Secs. 18-568—18-580. - Reserved.

Subdivision V. - Water Wells

Sec. 18-581. - Applicability.

This subdivision applies to all wells located in the city.

(Ord. No. 21-93, pt. 1(§ 14.25.010), 9-7-93)

Sec. 18-582. - Definitions.

The following words, terms and phrases, when used in this subdivision, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Municipal water system means a community water system owned by a city, village, county, town, town sanitary district, utility district or a federal, state, county or municipally owned institution for congregate care or correction, or a privately owned water utility serving the foregoing.

Noncomplying means a well or pump installation which does not comply with Wis. Admin. Code section NR 812.42, concerning standards for existing installations, and which has not been granted a variance pursuant to Wis. Admin. Code section NR 812.43.

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

Unsafe means a well or pump installation which produces water which is bacteriologically contaminated or exceeds the drinking water standards of Wis. Admin. Code section NR 812.06, or for which a health advisory has been issued by the department of natural resources.

Unused means a well or pump installation which is not used or does not have a functional pumping system.

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.

Well abandonment means the filling and sealing of a well according to the provisions of Wis. Admin. Code section NR 812.26.

(Ord. No. 21-93, pt. 1(§ 14.25.020), 9-7-93; Ord. No. 12-06, pt. 3, 5-10-06)

Cross reference— Definitions generally, § 1-2.

Sec. 18-583. - Abandonment required.

All wells on premises served by the municipal water system shall be abandoned in accordance with the terms of this subdivision and Wis. Admin. Code NR chapter 812, no later than one year from the date of connection to the municipal water system, unless a well operation permit has been obtained by the well owner from the [city Racine wWater Uutility](#).

(Ord. No. 21-93, pt. 1(§ 14.25.030), 9-7-93; Ord. No. 12-06, pt. 4, 5-10-06)

Sec. 18-584. - Well operation permit.

The [Racine wWater uUtility](#) shall grant a permit to a well owner to operate a well for a period not to exceed five years, provided the conditions of this section are met. An owner may renew a well operation permit by submitting information verifying that the conditions of this section are met. The [Racine wWater uUtility](#), or its 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. Well operation permit applications and renewals shall be made on forms provided by the [Racine wWater Uutility](#). The following conditions must be met for issuance or renewal of a well operation permit:

- (1) The well and pump installation shall meet or shall be upgraded to meet the requirements of Wis. Admin. Code section NR 812.42, and have a functional pumping system;
- (2) The well construction and pump installation shall 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, unless the department of natural resources approves, in writing, the continued use of the well;
- (3) There shall be no cross connections between the well's pump installation and the municipal water system; and
- (4) The proposed use of the well and pump installation can be justified as reasonable in addition to water provided by the municipal water system.

(Ord. No. 21-93, pt. 1(§ 14.25.040), 9-7-93; Ord. No. 12-06, pt. 5, 5-10-06)

Sec. 18-585. - Abandonment procedures.

- (a) All wells abandoned under the jurisdiction of this subdivision shall be abandoned according to the procedures and methods of Wis. Admin. Code [section NR §812.26](#). All debris, pumps, piping, unsealed liners and any other obstructions which may interfere with sealing operations shall be removed prior to abandonment.
- (b) The owner of the well, or the owner's agent, shall notify the [general](#) manager of the [Racine wWater uUtility](#) at least 48 hours prior to commencement of any well

abandonment activities. The abandonment of the well shall be observed by an employee of the [Racine Water Utility](#).

- (c) An abandonment report form supplied by the [Wisconsin Department of Natural Resources](#) shall be submitted by the well owner to the [Racine Water Utility](#) and the [Wisconsin Department of Natural Resources](#) within 30 days of completion of the well abandonment.

(Ord. No. 21-93, pt. 1(§ 14.25.050), 9-7-93; Ord. No. 12-06, pt. 6, 5-10-06)

Sec. 18-586. - Penalty for violation of subdivision.

Any well owner violating any provision of this subdivision shall upon conviction be punished by a forfeiture as provided in section 1-15. Each day of violation is a separate offense. If any person fails to comply with this subdivision for more than 30 days after receiving written notice of the violation, the city may impose a penalty and cause the well abandonment to be performed and the expense thereof to be assessed as a special tax against the property.

(Ord. No. 21-93, pt. 1(§ 14.25.060), 9-7-93)

Secs. 18-587—18-605. - Reserved.