

TITLE III - PUBLIC SERVICES
WATER SERVICE SYSTEM

CHAPTER 90
GENERAL PROVISIONS

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90.01 DEFINITIONS. The following terms are defined for the use in the chapters in this Code of Ordinances pertaining to the Water Service System:

1. "Customer" means in addition to any person receiving water service from the City the owner of the property served, and as between such parties the duties, responsibilities, liabilities and obligations hereinafter imposed shall be joint and several.
2. "Superintendent" means the superintendent of the City water system or any duly authorized assistant, agent or representative.
3. "Water Main" means a water supply pipe provided for the public or community use.
4. "Water Service Pipe" means the pipe from the water main to the building served.
5. "Water System" or "Water Works" means all public facilities for securing, collecting, storing, pumping, treating and distributing water.
6. "Well-Site Control Zone" means the area within a radius of 200 feet of any well site from which the City of Garwin, Iowa, draws its domestic water supply.

(Added by Ordinance No. 148)

90.02 SUPERINTENDENT: APPOINTMENT, DUTIES. The Council shall appoint a water superintendent who shall supervise the installation of water service pipes and their connection to the water main and enforce all regulations pertaining to water services in the City in accordance with this chapter. This chapter shall apply to all replacements of existing water service pipes as well as to new ones. The superintendent shall make such rules, not in conflict with the provisions of this chapter, as may be needed for the detailed operation of the water system, subject to the approval of the Council. In the event of an emergency the superintendent may make temporary rules for the protection of the system until due consideration by the Council may be had.

(Code of Iowa, Sec. 372.13[4])

90.03 MANDATORY CONNECTIONS. All residences and business establishments within the City limits intended or used for human habitation, occupancy or use shall be connected to the public water system, if it is reasonably available and if the building is not furnished with pure and wholesome water from some other source.

90.04 ABANDONED CONNECTIONS. When an existing water service is abandoned or a service is renewed with a new tap in the main, all abandoned connections with the mains shall be turned off at the corporation cock and made absolutely watertight.

90.05 PERMIT. Before any person makes a connection with the public water system, a written permit must be obtained from the Clerk. The application for the permit shall be filed with the Clerk on blanks furnished by the Clerk. The application shall include a legal description of the property, the name of the property owner, the name and address of the person who will do the work, and the general uses of the water. No different or additional uses will be allowed except by written permission of the Clerk. The Clerk shall sign and issue the permit and state the time of issuance, if the proposed work meets all the requirements of this chapter and if all fees required under this chapter have been paid. Work under any permit must be begun within six (6) months after it is issued. The Clerk may at any time revoke the permit for any violation of this chapter and require that the work be stopped.

(Code of Iowa, Sec. 372.13[4])

90.06 FEE FOR PERMIT. Before any permit is issued the person who make the application shall pay fifty dollars (\$50.00) to the Clerk to cover the cost of issuing the permit and supervising, regulating, and inspection of the work.

90.07 COMPLIANCE WITH PLUMBING CODE. The installation of any water service pipe and any connection with the water system shall comply with all pertinent and applicable provisions, whether regulatory, procedural or enforcement provisions, of Division 4, Plumbing Rules and Regulations, of the State Building Code.

90.08 PLUMBER REQUIRED. All installation of water service pipes and connections to the water system shall be made by a competent plumber. The superintendent shall have the power to suspend the approval of any plumber for violation of any of the provisions of this chapter. A suspension, unless revoked, shall continue until the next regular meeting of the City Council. The superintendent shall notify the plumber immediately by personal written notice of the suspension, the reasons for the suspension and the time and place of the Council meeting at

which the plumber will be granted a hearing. At this Council meeting the superintendent shall make a written report to the Council stating the reasons for the suspension, and the Council, after fair hearing, shall affirm or revoke the suspension or take any further action that is necessary and proper. The plumber shall provide a surety bond in the sum of five thousand dollars (\$5,000.00) secured by a responsible surety bonding company authorized to operate within the State. In lieu of a surety bond, a cash deposit of five thousand dollars (\$5,000.00) may be filed with the City.

90.09 EXCAVATIONS. All trench work, excavation and backfilling required in making a connection shall be performed in accordance with applicable excavation provisions as provided for installation of building sewers and/or the provisions of Chapter 175.

90.10 TAPPING MAINS. All taps into water mains shall be made by or under the direct supervision of the superintendent and in accord with the following:

1. Independent Services. No more than one house, building or premises shall be supplied from one tap unless special written permission is obtained from the superintendent and unless provision is made so that each house, building or premise may be shut off independently of the other.
2. Sizes and Locations of Taps. All mains six (6) inches or less in diameter shall receive no larger than a three-fourths (3/4) inch tap. All mains of over six (6) inches in diameter shall receive no larger than one (1) inch tap. Where a larger connection than a one inch tap is desired, two (2) or more small taps or saddles shall be used, as the superintendent shall order. All taps in the mains shall be made at or near the top of the pipe, at least eighteen (18) inches apart. No main shall be tapped nearer than two (2) feet of the joint in the main. There can be a two (2) inch tap with saddle with the permission of the superintendent.
3. Corporation Cock. A brass corporation cock, of the pattern and weight approved by the superintendent, shall be inserted in every tap in the main. The corporation cock in the main shall in no case be smaller than one size smaller than the service pipe.
4. Location Recorded. An accurate and dimensional sketch showing the exact location of the tap shall be filed with the superintendent in such form as the superintendent shall require.

(Code of Iowa, Sec. 372.13[4])

90.11 INSTALLATION OF WATER SERVICE PIPE. Water service pipes from the main to the meter setting shall be standard weight type K copper, or approved P.V.C. pipe. Pipe must be laid sufficiently waving, and to such depth, as to prevent rupture form settlement or freezing.

90.12 CURB STOP. There shall be installed within the public right-of-way a main shut-off valve of the inverted key type on the water service pipe at the outer sidewalk line with a suitable lock of a pattern approved by the superintendent. The shut-off valve shall be covered with a heavy metal cover having the letter "W" marked thereon, visible and even with the pavement or ground.

90.13 INTERIOR STOP AND WASTE COCK. There shall be installed a shut-off valve and waste cock on every service pipe inside the building as close to the entrance of the pipe within the building as possible and so located that the water can be shut off conveniently and the pipes drained. Where one service pipe supplies more than one customer within the building, there shall be separate valves for each such customer so that service may be shut off for one without interfering with service to the others.

90.14 INSPECTION AND APPROVAL. All water service pipes and their connections to the water system must be inspected and approved in writing by the superintendent before they are covered, and the superintendent shall keep record of such approvals. If the superintendent refuses to approve the work, the plumber or property owner must proceed immediately to correct the work. Every person who uses or intends to use the municipal water system shall permit the superintendent to enter the premises to inspect or make necessary alterations or repairs at all reasonable hours and on proof of authority.

90.15 COMPLETION BY THE CITY. Should any excavation be left open or only partly refilled for twenty-four (24) hours after the water service pipe is installed and connection with the water system, or should the work be improperly done, the superintendent shall have the right to finish or correct the work, and the Council shall assess the costs to the property owner or the plumber. If the plumber is assessed, the plumber must pay the costs before receiving another permit, and the plumber's bond or cash deposit shall be security for the assessment. If the property owner is assessed, such assessment may be collected with and in the same manner as general property taxes.

(Code of Iowa, Sec. 364.12[3a&h])

90.16 SHUTTING OFF WATER SUPPLY. After following the procedures set out in Section 92.05, the superintendent may shut off the supply of water to any customer because of any substantial violation of this chapter, or valid regulation under Section 90.02 that is not being contested in good faith. The supply shall not be turned on again until all violations have been corrected and the superintendent has ordered the water to be turned on.

90.17 PROPERTY OWNER'S RESPONSIBILITY. All costs and expenses incident to the installation, connection and maintenance of the water service pipe from the main to the building served shall be borne by the owner. The owner shall indemnify the City from any loss or damage that may directly or indirectly be occasioned by the installation or maintenance of said water service pipe.

90.18 FAILURE TO MAINTAIN. When any portion of the water service pipe which is the responsibility of the property owner becomes defective or creates a nuisance and the owner fails to correct such nuisance the City may do so and assess the costs thereof to the property.

(Code of Iowa, Sec. 364.12[3a&h])

90.19 OPERATION OF CURB STOP. It shall be unlawful for any person except the water superintendent to turn water on at the curb stop.

90.20 WELL-SITE PROTECTION. To protect the well sites from which the City of Garwin, Iowa, draws its domestic water supply from contamination the following regulations, which shall be in addition to any regulations set forth elsewhere in the City Code, shall apply to use of structures and land within a well site control zone:

1. No structure shall be permitted within a well site control zone nor shall any structure or land within a well site zone be used for any of the following purposes:
 - A. Discharge of sanitary or industrial wastewater.
 - B. Sanitary sewer lines, sewer force main, storm water drain line or wastewater drain line unless it is constructed of pipe meeting water main specifications.
 - C. Land application of solid waste and irrigation of land with wastewater.
 - D. Septic tank, concrete vault, mechanical wastewater treatment plant, cesspool, earth pit privy, soil absorption field, lagoon and any similar structure used for the storage and/or processing of wastewater.
 - E. Surface application of agricultural chemicals to land and the storage of agricultural chemicals and minerals either above ground or below ground.
 - F. The pasturage or enclosure of animal for agricultural purposes.
 - G. The application of animal wastes to land surface in the form of either solids or liquid or slurry.
 - H. The storage of animal wastes in a storage tank, a stockpile for solids or a lagoon or basin.
 - I. The storage of silage in an earthen trench or pit.
 - J. Cistern, cemetery and solid waste disposal site.
2. Within 30 days after the effective date of these regulations, existing structures and uses that are in violation hereof shall be removed, terminated or modified in such manner as to be in conformity herewith. Structures and uses that are in violation of these regulations shall not be permitted to continue under the provisions of this code granting exceptions for prior nonconforming uses.

(Added by Ordinance No. 148)
