

CHAPTER 90

WATER SERVICE SYSTEM

90.01	Definitions	90.12	Responsibility for Water Service Pipe
90.02	Public Works Director: Duties	90.13	Failure to Maintain
90.03	Mandatory Connections	90.14	Curb Stop
90.04	Abandoned Connections	90.15	Interior Stop and Waste Cock
90.05	Permit	90.16	Boiler and Pressure Vessels
90.06	Fee for Permit and Connection Charge	90.17	Inspection and Approval
90.07	Compliance with Plumbing Code	90.18	Completion by the City
90.08	Plumber Required	90.19	Shutting off Water Supply
90.09	Excavations	90.20	Operation of Curb Stop and Hydrants
90.10	Tapping Mains	90.21	Cross Connection Prohibited
90.11	Water Service Pipe and Main Specifications	90.22	Well – Construction, Installation, Maint., Operation or Use of Non-Public Water Supply Systems

90.01 DEFINITIONS. The following terms are defined for 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. “Water Main” means a water supply pipe provided for public or community use.
3. “Water Service Pipe” means the pipe from the water main to the building served.
4. “Water System” or “Water Works” means all public facilities for securing, collecting, storing, pumping, treating and distributing water.

90.02 PUBLIC WORKS DIRECTOR: DUTIES. The Public Works Director 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 Public Works Director 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 Public Works Director 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 AND CONNECTION CHARGE. Before any permit is issued the person who makes the application shall pay forty-two dollars and seventy-six cents (\$42.76) for residential premises and eighty-five dollars and fifty-two cents (\$85.52) for commercial or industrial premises to the Clerk to cover the cost of issuing the permit and supervising, regulating, and inspecting the work. In addition there shall be a connection charge in the amount of one hundred seventy-one dollars and four cents (\$171.04) for a  $\frac{3}{4}$  inch tap, two hundred thirteen dollars and seventy-nine cents (\$213.79) for a 1-inch tap, and two hundred ninety-nine dollars and thirty-two cents (\$299.32) for a  $1\frac{1}{4}$  inch tap paid before the issuance of a permit to reimburse the City for costs borne by the City in making water service available to the property served. The connection charge for taps larger than  $1\frac{1}{4}$  inch shall be based on the current City service charges for private use of City equipment and manpower. The foregoing permit fees and connection charges for  $\frac{3}{4}$  inch, 1-inch and  $1\frac{1}{4}$  inch taps shall be increased five percent (5%) each July 1 unless such increase is waived or modified by resolution of the Council prior to the effective date of the increase.

(Connection charges updated 9/25/06 to reflect current charges)

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 installations of water service pipes and connections to the water system shall be made by a plumber. The plumber shall provide a surety bond in the sum of two thousand dollars (\$2,000.00) secured by a responsible surety bonding company authorized to operate within the State, conditioned to indemnify and save the City harmless against all losses or damages that may arise from or be occasioned by the making

of connections to the water system or excavations therefor or by carelessness, negligence or unskillfulness in making the same.

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 135.

90.10 TAPPING MAINS. All taps into water mains shall be made by or under the direct supervision of the Public Works Director 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 Public works Director and unless provision is made so that each house, building or premise may be shut off independently of the other.
2. Sizes and Location of Taps. 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.
3. Corporation Cock. A brass corporation cock, of the pattern and weight approved by the Public Works Director, 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 Record. An accurate and dimensional sketch showing the exact location of the tap shall be filed with the Public works Director in such form as the Public Works Director shall require.

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

90.11 WATER SERVICE PIPE AND MAIN SPECIFICATIONS.

1. Water service pipes from the main to the meter setting shall be standard weight type K copper or approved cast iron.
2. The minimum size of all water mains installed shall be six-inch National Pipe size. The type of water main to be used shall be determined by the engineer. The size of all water mains to be installed or that need to be installed over the size of six inches shall be determined by the engineer. Pipe must be laid sufficiently waving, and to such depth, as to prevent rupture from settlement or freezing.

90.12 RESPONSIBILITY FOR WATER SERVICE PIPE. 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.

90.13 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 ])

90.14 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 Public Works Director. 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.

90.15 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.

90.16 BOILER AND PRESSURE VESSELS. Customers having boilers and/or pressure vessels receiving a supply of water from the City must have a check valve on the water supply line and a vacuum valve on the steam line to prevent collapse in case the water supply from the City is discontinued or interrupted for any reason, with or without notice.

90.17 INSPECTION AND APPROVAL. All water service pipes and their connections to the water system must be inspected and approved in writing by the Public Works Director before they are covered, and the Public Works Director shall keep a record of such approvals. If the Public works Director 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 Public works Director to enter the premises to inspect or make necessary alterations or repairs at all reasonable hours and on proof of authority.

Any property owner may require a meter to be tested by paying into the office of the Water Department the sum of \$25.00 and should the meter register 2% or more fast, such property owner shall be entitled to an adjustment on the basis of the over registration for four months and a refund of the \$25.00 deposit. The deposit will not be refunded in the event the meter passes the accuracy test.

90.18 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 connected with the water system, or should the work be improperly done, the Public works Director 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 ])

90.19 SHUTTING OFF WATER SUPPLY. After following the procedures set out in Section 92.05, the Public Works Director 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 Public Works Director has ordered the water to be turned on.

90.20 OPERATION OF CURB STOP AND HYDRANTS. It is unlawful for any person except the Public Works Director to turn water on at the curb stop, and no person, unless specifically authorized by the City, shall open or attempt to draw water from any fire hydrant for any purpose whatsoever.

90.21 CROSS CONNECTION PROHIBITED. The connection or cross connection of any separate water supply to premises which receive water from the City is prohibited.

90.22 WELL – CONSTRUCTION, INSTALLATION, MAINTENANCE, OPERATION OR USE OF NON-PUBLIC WATER WELLS OR NON-PUBLIC SUPPLY SYSTEMS.

1. Prohibited Activity. No person shall construct, install, maintain, operate or use any non-public water supply system when the water there from is unfit or there is evidence that it is potentially unfit for human or animal consumption, contaminated, or evidence that it may be potentially contaminated, toxic, poisonous, hazardous, presents a danger to or jeopardizes or there is evidence that it potentially jeopardizes public health or safety, is hazardous or there is evidence that it is potentially hazardous to or will contaminate or there is evidence that it may potentially contaminate underground water supply sources by surface runoff, leeching, or soil absorption or threatens to interfere with an ongoing ground water remediation project.

2. Definitions.

A. "Non-public water well" or "Non-public water supply system" means any dug, cased, well, cistern, hole or cavity from which water may be drawn directly from underground and by gravity, pump, piping, or other mechanical means dispersed onto the surface of the ground or into any structure, and which water source is unconnected to a municipal or public water supply system.

B. Prohibited "use" of a contaminated, or potentially contaminated, toxic, poisonous, hazardous, or unfit or potentially unfit non-public water well supply source means use for human or animal consumption, and further

means use for purpose other than human or animal consumption including watering trees, shrubs, lawns or gardens; washing of vehicles, campers, boats or structures; irrigation, interference or potential interference with remedial measures or activities established to eliminate pre-existing contamination or hazardous conditions of subsurface ground water, or any other activity which permits discharge of contaminated or potentially contaminated toxic, poisonous or hazardous water onto any public or private property whereby subsurface ground water will be additionally, repeatedly or potentially contaminated, hazardous, or a danger to public health.

B. "Person" means any individual person, firm, association, corporation, partnership, company organization, agency, joint venture or other legal entity.

3. Contaminated or Hazardous Determination. Water from any non-public well for non-public water supply system shall be determined to be unfit or potentially unfit for human or animal consumption, contaminated, toxic, poisonous, hazardous or danger or potential danger to public health, or potentially jeopardized public health and safety in accordance with rules and regulations promulgated by Iowa Department of Natural Resources, and rules and regulations promulgated by Iowa Department of Water, Air and Waste Management for non-public water wells and published in Section 900-49 of the Iowa Administrative Code as may be amended or modified.
4. Penalty. Any person violating any provision of this ordinance shall be guilty of a misdemeanor and upon conviction thereof shall be punished by a fine not exceeding one hundred dollars or imprisonment not exceeding thirty days.
5. Separate Violations. Each prohibited use of any contaminated or potentially contaminated, toxic, poisonous, hazardous or unfit non-public water well or water supply system shall be deemed to be a separate violation and subject to separate penalty.