

TITLE VI PHYSICAL ENVIRONMENT

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WATER SYSTEM

6-3-1 **DEFINITIONS.** Unless the context specifically indicates otherwise, the meaning of terms used in this Chapter shall be as follows:

1. “Water (street) Main” is a water-supply pipe for public or community use.
2. “Water Service Pipe” is the pipe from the water main or other source of water supply to the building served.
3. “Water Supply System” of a building, or premises, consists of the water-service pipe, the water-distributing pipes, and the necessary connecting pipes, fittings, control valves and all appurtenances in or adjacent to the building or premises.
(Ord. 202, Passed 1963)
(Ord. 719, Passed 2012)

6-3-2 PUBLIC WORKS DIRECTOR DUTIES. The Public Works Director shall supervise the installation of water service pipes and their connections to the water main and enforce all regulations pertaining to water services in this City, in accordance with this Chapter.

(Ord. 202, Passed 1963)

(Ord. 719, Passed 2012)

6-3-3 EXISTING PIPES APPLICABILITY. This Chapter shall apply to all replacements of existing service pipes as well as to new ones.

(Ord. 202, Passed 1963)

6-3-4 ADOPTION OF STATE PLUMBING CODE. The installation of any water-service pipe and any connection with the municipal water system shall comply with all pertinent and applicable provisions, whether regulatory, procedural or enforcement provisions, of the State Plumbing Code as amended and as published by the Iowa Department of Public Health, which is hereby adopted.

(Ord. 719, Passed 2012)

6-3-5 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 supply if it is reasonably available and if the building is not furnished with pure and wholesome water from some other source, notwithstanding the provisions of Section 6-3-25 of this Code.

(Ord. 719, Passed 2012)

6-3-6 PERMIT. Before any person shall open, uncover or in any manner make a connection with or modify any part of the public water system, the person must obtain a written permit from the City Clerk.

(Ord. 202, Passed 1963)

6-3-7 PERMIT APPLICATION. The application for the water permit shall be filed with the City Clerk on blanks furnished by the City and available at the City Clerk's office. The application shall include a description of the property, the name of the property owner, the amount and date of any prior assessment for construction of the water system, a general description of the materials to be used and the manner of construction, the line of the water system and the place of connection, if known, the intended use of the water system and the name and address of the person who will do the work. The permit application shall be supplemented by any plans, specifications or other information considered pertinent in the judgment of the Public Works Director. The City Clerk or the Public Works Director shall issue the permit if the proposed work meets all the requirements of this Chapter and if all fees required under this Chapter have been paid.

(Ord. 202, Passed 1963)

(Ord. 719, Passed 2012)

6-3-8 PERMIT AND INSPECTION FEE. Before any permit is issued, the person who makes application for a tap shall pay two hundred dollars (\$200.00) to the City Clerk to cover the cost of issuing the permit, the inspection of the work, the furnishing by the City of the corporation cock, the necessary water pipe extending from the main to the lot line, the curb cock and the buffalo box.

In the event that any tap larger than one inch is required, the fee for inspections and permits and installations shall be the actual cost for said tap plus installation.

(Ord. 202, Passed 1963)

(Ord. 719, Passed 2012)

6-3-9 COSTS AND EXPENSES FOR EXTENSIONS. All costs and expense incident to the installation and connection of the water main extension shall be borne by the applicant. The applicant shall indemnify the City from any loss or damage that may directly or indirectly be occasioned by the installation of the water main.

(Ord. 468, Passed 1981)

6-3-10 INSTALLATION OF CURB COCK AND BUFFALO BOX. The person who makes the connection to the municipal water system shall install the curb cock furnished by the City near the property line and shall install the buffalo box so that it is visible and even with the roadway or ground.

(Ord. 202, Passed 1963)

(Ord. 719, Passed 2012)

6-3-11 MAKING THE CONNECTION. Any connection with the municipal water system must be made under the direct supervision of the Public Works Director. All taps in the water main must be at least (14) inches apart and on the side and near the top and not in any case within 18 inches of the hub.

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

(Ord. 719, Passed 2012)

6-3-12 METER INSIDE BUILDING. Meters installed in buildings shall be located as near as is practicable to the point of entrance of the service, shall be readily accessible, and shall be protected from frost according to the directions of the Public Works Director. Meters shall be protected from mechanical injury by location or guarding, and shall be so installed as not to be subjected to strain imposed by plumbing. Plumbing adjacent to the meter shall be supported mechanically by a meter yoke or other approved means so that removal of the meter will not cause the meter connections to move out of line, or shift lengthways.

(Ord. 202, Passed 1963)

(Ord. 719, Passed 2012)

6-3-13 EXCAVATIONS. Excavations to do work under this Ordinance shall be dug so as to occasion the least possible inconvenience to the public and to provide for the passage of water along the gutter. All such excavations shall have proper barricades at all times, and warning lights placed from one-half hour before sunset to one-half hour after sunrise. In refilling the excavation the earth must be laid in layers and each layer tamped thoroughly to prevent settlement, and this work, and any street, sidewalk, pavement or other public property that is affected, must be restored to as good a condition as it was previous to the excavation. The plumber must maintain the affected area in good repair to the satisfaction of the City Council for three months after refilling. All water service pipes must be laid so as to prevent rupture by settlement or freezing. No excavation shall be made within six (6) feet of any laid water or sewer pipe while the ground is frozen, and no water

or sewer pipe shall be exposed to frost, except by special written permission of the Public Works Director.

(Ord. 719, Passed 2012)

6-3-14 INSPECTION AND APPROVAL. All water-service pipes and their connections to the municipal water system must be inspected and approved 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 owner must proceed immediately to correct the work so that it will meet with the Public Works Director's approval. Every person who uses or intends to use the municipal water system shall permit the Public Works Director to enter the premises to inspect and make necessary alterations or repairs at all reasonable hours and on proof of authority.

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

(Ord. 719, Passed 2012)

6-3-15 COMPLETION BY THE CITY. Should any excavation be left open or partly refilled for twenty-four (24) hours after the water-service pipe is installed and connected with the municipal 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 City Council shall assess the costs to the property owner or the plumber. If the plumber is assessed, the plumber must pay the costs before the plumber can receive another permit if the property owner is assessed, such assessment shall be collected with and in the same manner as general property taxes.

(Code of Iowa, Sec. 364.14(3)(h))

(Ord. 719, Passed 2012)

6-3-16 STREET RESURFACING AND MAINTENANCE. Where the installation is the initial hookup to the water main which necessitates excavating in the street, highway, avenue, course or alley, the person or persons hooking up to the water main shall restore the street, highway, avenue, course or alley to its original condition to the satisfaction of the City Engineer or Public Works Director within thirty (30) days of connection to the water main. If the street, highway, avenue, course or alley is not restored to its original condition to the satisfaction of the City Engineer or Public Works Director within the required time, the same shall be replaced by the City and charged against such person or persons. A permit shall be obtained prior to the excavation as provided by Section 6-1-1 of this Code.

(Ord. 719, Passed 2012)

6-3-17 EXTENSION OF WATER MAIN. After a property owner petitions, in writing, to the City Council for the extension of a water main to his or her property and the City does in fact grant the petition of the property owners, the property owner shall cause the immediate extension of the main and necessary laterals thereof, including curb cock and buffalo box, and shall connect to the water line within sixty (60) days after receiving notice from the City Clerk that the property owner's petition has been granted.

6-3-18 EXTENSION AND FAILURE TO CONNECT. A property owner that fails to connect once he or she has been notified to connect to the water service pipe shall pay the minimum monthly water rate then in force and effect in the City.

6-3-19 SHUTOFF FOR VIOLATIONS. After giving reasonable notice, the Public Works Director may shut off the supply of water of any patron because of any substantial violation of this Chapter.

(Ord. 202, Passed 1963)

(Ord. 719, Passed 2012)

WATER WELLS SEPARATION

6-3-20 PURPOSE. The purpose of this chapter is to establish separation distances from wells for all structures and uses to protect the public and preserve the health and welfare of the community by protecting water purity.

(Ord. 542, Passed, 1985)

6-3-21 FACTS FOUND. The council of the City hereby makes a finding that it is necessary to establish separation distances for uses in construction around all wells within the City, the old wells as well as new wells, that it is necessary to pass such an Ordinance as codified in this Chapter in lieu of obtaining easements from all adjoining property owners near well sites, and the distances for separating said uses and construction have been established by state requirements relative to possible pollutants and their distances from wells, and the council finds that said state requirements shall be adopted as the minimum acceptable requirements for separation distances from wells, and no construction nor use shall be allowed within said minimum distances to City wells as set forth herein.

(Ord. 542, Passed, 1985)

6-3-22 DEFINITIONS. For the purpose of this Chapter, certain terms and words are hereby defined. Words used in the present tense include the future, words in the singular number include the plural, and words in the plural number include the singular and use of any gender shall be applicable to all genders; the word "shall" is mandatory and not directory; the word "building" includes the word "structure".

1. "Animal enclosure" means a lot, yard, corral, or similar structure in which the concentration of livestock or poultry is such that a vegetative cover is not maintained.

2. "Animal pasturage" means a fenced area where vegetative cover is maintained and in which the animals are enclosed.

3. "Animal waste" means animal wastes consisting of excreta, leachings, feed losses, litter, washwaters or other associated wastes.

4. "Animal waste stockpiles" means stacking, composting, or contaminant of animal wastes.

5. "Animal waste storage basin or lagoon" means a fully or partially excavated or diked earthen structure including earthen sideslopes or floor.

6. "Animal waste storage tank" means a completely fabricated structure, with or without a cover either formed in place or transported to the site, used for containing animal wastes.

7. "Cistern" means a covered tank in which rainwater from roof drains is stored.

8. "Deep well" means a well located and constructed in such a manner that there is a continuous layer of low permeability soil or rock at least five feet thick located at a depth of at least twenty-five feet below the normal ground surface and above the aquifer from which the water is to be drawn.

9. "Low permeability" means an unconsolidated soil layer of well sorted, fine, grain-sized sediments that under normal hydrostatic pressures would not be significantly permeable. Low permeability soils may include homogeneous clays below the zone of weathering, mudstone, claystone, and some glacial till.

10. "Privy" means a structure used for the deposition of human body wastes.

11. "Sanitary sewer pipe" means a sewer complying with the department's standards for sewer construction.

12. "Septic tank" means a watertight tank which receives sewage.

13. "Shallow well" means a well located and constructed in such a manner that there is not a continuous five foot layer of low permeability soil or rock between the aquifer from which the water supply is drawn and a point twenty-five feet below the normal ground surface.

14. "Water main pipe" means a water main complying with the department's standards for water main construction.

(Ord. 542, Passed, 1985)

6-3-23 SEPARATION DISTANCE REQUIREMENTS. No building or use shall be allowed within the separation distances from City wells as set out on Table A which is on file in the office of the City Clerk. A building permit shall be required for all construction within one thousand feet of municipal wells. No building permit shall be issued which is in violation of the separation distances from municipal wells if in violation of this Chapter or a source of contamination for the well. Any use or construction in violation of this section shall be a nuisance as defined in Section 3-2-1 and prohibited pursuant to Section 3-2-2, and the notice requirements of Section 3-2-6 apply regarding abatement of the nuisance and all provisions of Chapter 3-2 in regard to abatement, action, cost of collection, hearing, and penalty for violations as set forth in Chapter 1-3 apply. Specifically, and in addition to any other remedies allowed by ordinance or at law, the City shall recover any costs for water treatment which is created by any source of contamination which is identified, where the source is in violation of this chapter.

(Ord. 542, Passed 1985)

MANDATORY CONNECTION

6-3-24 DEFINITIONS. For use in this Section, the following terms are defined:

1. "Domestic Uses" means potable water furnished or required for human needs of health and sanitation including, but not limited to, drinking, cooking, washing, bathing, showering, and other similar household uses of water.

2. "Monitoring well" means a well used to monitor groundwater quality or level that is constructed or maintained to meet the requirements of a groundwater monitoring or remediation program.

3. "Private well" or "well" means any groundwater well, except

(a) Monitoring wells, and

(b) Other wells used as part of a remediation system.

4. "Western Water Main Connection Area" means the portion of the City of Camanche along 9th Street extending from the intersection of 9th Street and U.S. Highway 67 westward seven thousand (7,000) feet and encompassing the area two thousand seven hundred (2,700) feet north of 9th Street and the area five hundred (500) feet south of 9th Street. The southeast portion of this area is bounded by U.S. Highway 67 and the area does not extend past U.S. Highway 67.

6-3-25 CONNECTION TO THE PUBLIC WATER SYSTEM. All new residences and new business establishments within the City limits using water for any purpose, whether for potable or non-potable uses, shall connect to the public water system when City water main is within 200 feet of property line, or will be brought to within 200' within 30 days of issuance of building permit.

6-3-26 EXCEPTIONS. A residence or business establishment within the City limits may obtain its water from a private well as follows:

1. "Private Sand Point Wells". A private sand point well may continue to be used to obtain water only for irrigation of grass and landscape planting and other non-domestic uses. Water from sand point wells shall not be used for domestic uses. There shall be a physical separation between plumbing for a private well and domestic plumbing.

2. New Private Domestic Wells. A new private domestic well may be drilled only upon property that does not have access to the City water system within 200 feet of the property.

3. Existing Private Domestic Wells. After the effective date of this Ordinance, any existing private domestic well may continue to be used to obtain water. No new private domestic wells shall be drilled if City water is available within 200' of property line or shall be made available within 30 days of issuance of building permit.

4. Existing Private Sand Point Wells. A private sand point well may continue to be installed and used to obtain water only for irrigation of grass and landscape planning and other non domestic. Water from sand point wells shall not be used for domestic uses.

6-3-27 WELLS PROHIBITED IN WESTERN WATER MAIN CONNECTION AREA. Existing private sand point wells and existing private domestic wells in the Western Water Main Connection Area may continue to be used in this area until such time as either of the following occur:

1. Until such time as the property owner may execute a water line connection agreement with Chevron Environmental Management Company and Citigroup after which the private domestic and sand point wells must be plugged and abandoned within 120 days of completion and testing of the properties connection to the public water system.

2. In the Western Water Main Connection Area, no new private wells will be allowed after the adoption of this Ordinance. If the property owner declines to execute a Water Line Connection Agreement, said property owner may repair or replace their existing well provided said well does not violate State statutes or regulations or County Ordinances or regulations.

6-3-28 PERMIT REQUIRED FOR ALL NEW PRIVATE WELLS. In the portions of the City limits where new wells may be installed, no residence or business shall install or maintain a new private well after the date of enactment of this ordinance, unless such residence or business has registered such well and obtained a permit for the same from the County as required by State statute. The registration and permit process shall be completed on forms provided by the County.

6-3-29 TERMINATION OF USE OF EXISTING PRIVATE WELLS. The use of any private well not permitted to continue under this Section shall cease and the well shall be plugged and abandoned in accordance with the rules and regulations of the Iowa Department of Natural Resources.

6-3-30 CITY OBLIGATION. For all new residence required to hook up to City water located within 200 feet of the property line, the City shall provide the material from the water line to the shut off box at the property line. The cost of installation from the water line to the house shall be at property owner's expense.

(Ord. 697, Passed 2009)