

ARTICLE 7.7 **WELLS AND SPRINKLER SYSTEMS**

WELLS FOR POTABLE WATER

Section 7.7.1 **Scope:** The provisions contained in this Subchapter shall apply to all land within the limits of the City.

Section 7.7.2 **Compliance:** No water wells for potable use shall be allowed except in strict accordance with the provisions of this chapter.

Section 7.7.3 **Permit Required:** Any person who desires to install a water well for potable use, shall first make application to the City Building Department and obtain the required permit therefor.

Section 7.7.4 **Permit Fees:** Permit fee to be charged by the City for drilling or driving a potable well is \$60.50.

Section 7.7.5 **Inspection of Wells:** During the construction or use of any potable water well, the Building Official may cause to be made periodic inspections as deemed necessary to ensure conformity with applicable standards as set forth in this Subchapter.

Section 7.7.6 **Connection to City Water Supply System Required:** Permits issued under this Subchapter shall become void and all permittees shall be required, at their own expense, to connect to the City water supply system within 120 days after notification by the City that connection is feasible and mandatory.

Section 7.7.7 **Public Water Supply Systems; Requirements:** All public water supply systems shall meet all of the following requirements:

(A) Issuance of all permits required by the County Health Department and the State Department of Environmental Regulation as evidence of compliance with standards and regulations set by the State relating to public water supply systems.

(B) Construction of an approved interim water treatment plant in accordance with the requirements of the County Health Department and the State Department of Environmental Regulation and approved by the City Engineer.

SECTION 7.7.7 (C)

(C) If the subject development would ordinarily require installation of water lines for connection to the City system, these water lines will still be required except that during the interim period while water wells are in use, these lines shall be used for fire protection purposes only. Connection to the City water supply system shall be by a method as approved by the City Engineer and the City Building Department.

(D) Execution of an agreement between property owner and City for the operation, maintenance, and of the removal of any interim water treatment plant installed hereunder. The agreement shall be in form and content approved hereafter by resolution of the City Commission.

(E) Receipt of a permit from the City Building Department, which shall be issued if applicant complied with conditions of divisions (A) through (D) of this section and has paid the proper permit fee.

Section 7.7.8 Nonpublic Water Supply System Wells; Requirements: All potable water well uses not in the category of public water supply systems shall meet all of the following requirements:

(A) All rules adopted by the State Department of Environmental Regulation relating to water well construction standards as found in Part II, Chapter 71-21, Florida Administrative Code, (Minimum Water Well Construction Standards) are hereby adopted and incorporated by reference as part of this section as fully as if set forth completely herein and shall be controlling in the construction of water wells for potable use under this division.

(B) Installation of water wells in accordance with the approved drawing attached to Ordinance 25-78 and declared to be a part hereof. If the subject development would ordinarily require installation of water lines for connection to the City system, these water lines will still be required except that during the interim period while water wells are in use, these lines shall be used for fire protection purposes only. Connection to the City water supply system shall be by such method as approved by the City Engineer and the City Building Department.

(C) Submission with the application for the permit of a detailed set of plans in form and content satisfactory to the City Building Department with specifications meeting the requirements of divisions (A) and (B) of this section.

(D) Receipt of a permit from the City Building Department, which shall be issued if applicant has complied with conditions of divisions (A) through (C) of this section.

(E) Submission prior to final approval of any well of an analysis of the water by a licensed sanitary laboratory verifying that the water is of satisfactory quality for potable use.

WELLS FOR NONPOTABLE WATER; SPRINKLER SYSTEM

Section 7.7.9 Permit Required: It shall be unlawful for any person or his agents or employees, to drive or drill any water well for nonpotable uses or to install any sprinkler system within the City without first having obtained a permit from the City Building Department to do that work.

Section 7.7.10 Application of State Sanitary Code: All sprinkler systems shall be installed in accordance with Chapter 4, Section 10-D of the State Sanitary Code and current revisions.

Section 7.7.11 Duties of City Building Official; Inspections:

(A) Before a permit shall be issued, the Building Official, or his designee, shall ascertain whether or not the well or sprinkler system is to be connected with the public water supply of the City in any way and shall see that the requirements of all ordinances, rules, and regulations protecting the health and safety of the citizens of the City are met.

(B) The Building Official shall inspect all work including any sprinkler system, that may be supplied by the well before the well is covered and final connection is made.

Section 7.7.12 Location of Well from Septic Tank or Drain Field: No well shall be permitted within a distance of 75 feet from any septic tank or drain field.

Section 7.7.13 Work to be Done by Licensed Plumber: The following work must be performed by a person holding a current state registered or certified plumbing license and registered with the City. Nothing herein shall prohibit the homeowner from performing this work in accordance with Section 7.7.2 of this Article.

(A) The main water line shall rise a minimum of six inches above the highest sprinkler head with gate valve installed in line to control each sprinkler circuit.

(B) An approved backflow preventer shall be installed on the discharge side of the gate valve controlling the circuit.

(C) An approved check valve shall be installed in the main supply line on the meter side of the first sprinkler circuit takeoff.

(D) The house or building water supply shall be connected to main supply pipe between meter and check valve.