

ORDINANCE NO. 1-1992

AN ORDINANCE AMENDING CHAPTER 8, "CONSTRUCTION REGULATIONS," ARTICLE VI, "UNIFORM CODES AND OTHER REGULATIONS," DIVISION 4, "PLUMBING," OF THE ABILENE MUNICIPAL CODE, BY AMENDING CERTAIN SECTIONS AS SET OUT BELOW; PROVIDING A SEVERABILITY CLAUSE, AND DECLARING A PENALTY.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ABILENE, TEXAS:

PART 1: That Chapter 8, Article VI, Division 4, "Plumbing," of the Abilene Municipal Code be amended as set out in Exhibit "A", attached hereto and made a part of this ordinance for all purposes.


PART 2: That if any provision or any section of this ordinance shall be held to be void or unconstitutional, such holding shall in no way affect the validity of the remaining provisions or sections of this ordinance, which shall remain in full force and effect.

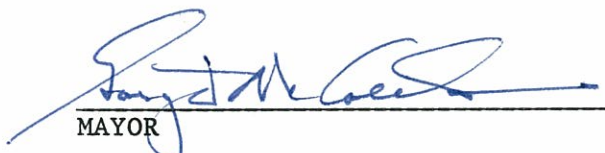
PART 3: That any person, firm or corporation violating any of the provisions of this chapter shall be deemed guilty of a misdemeanor, and upon conviction thereof, shall be punished by a fine of not more than Two Thousand Dollars (\$2,000.00). Each day such violation shall continue or be permitted to continue, shall be deemed a separate offense. Said Ordinance, being a penal ordinance, becomes effective ten (10) days after its publication in the newspaper, as provided by Section 19 of the Charter of the City of Abilene.

PASSED ON FIRST READING this 5 day of December, A.D. 19 91.

PASSED ON SECOND AND FINAL READING this 9 day of January, A.D. 19 92.

ATTEST:


CITY SECRETARY


MAYOR

APPROVED:



CITY ATTORNEY

EXHIBIT "A"

1991 UNIFORM PLUMBING CODE

The following chapters of the 1991 Uniform Plumbing Code are adopted in their entirety:

Chapters 2, 5, 9

Appendices A, B, H

The remaining chapters and appendix chapters of the 1991 Uniform Plumbing Code are adopted subject to the following exceptions:

Exceptions are as attached.

PART I

ADMINISTRATION

Adopt the 1991 Uniform Plumbing Code in its entirety with the following exceptions.

SCOPE

10.3 (a). Add to the last sentence: "...or connected to the water supply of the City of Abilene."

DUTIES AND POWERS OF THE ADMINISTRATIVE AUTHORITY

20.2 (a) Add the following:

PLUMBING INSPECTOR REQUIREMENTS: The plumbing and/or plumbing/mechanical inspectors are hereby made a part of the Building Inspection Department of the City of Abilene. They shall have had at least five years of satisfactory experience as a journeyman and/or master plumber and shall hold a plumbing inspector's license issued by the State Board of Plumbing Examiners.

VIOLATIONS AND PENALTIES

20.3 (b). Change "by a fine and/or imprisonments set forth by the governing laws of the jurisdiction." to "by a fine not to exceed \$2,000.00."

Add a new section as follows:

BOARD OF APPEALS AND ADVISORY BOARD

20.4

In order to determine the suitability of alternate materials and methods of construction of this Plumbing Code, the "MECHANICAL, PLUMBING, ELECTRICAL AND SWIMMING POOL BOARD OF APPEALS" as established in Chapter 8, Sec. 8-391, et. seq. of the City Code of Abilene, is so charged to hear appeals from any decision of the building official. Any reference to the Board of Appeals shall be construed to mean and does mean the described board, as established in Chapter 8, Sec. 8-391, et. seq. of the Abilene City Code. The Board shall render no decision which is con-

trary to or inconsistent with the provisions of this Code. In the event the Board should be of the opinion that any provision or provisions of this Code should be amended, it shall make such recommendation to the City Council for consideration.

PERMITS AND INSPECTIONS

PERMITS

30.1

(a) PERMITS REQUIRED. Add the following:

1. Permits shall be obtained by a licensed, bonded plumbing contractor unless specifically exempt under Sec. 31.3.
2. A permit is required prior to attachment of any testing device to an installed line by any person, including the homeowner (test of gas lines shall not be considered minor parts).
3. No person shall allow any other person to do or cause any work to be done under a permit secured by a permittee except persons in his employ. Work done under homeowner permit shall be done by the homeowner on the person's homestead and shall not be contracted out to anyone else.
4. Relocate from Amendment 20.4 (e) the following:

An industrial waste discharge permit will be required by any person desiring to discharge an industrial waste mixture into the sanitary sewer system of the city if they meet any of the following criteria:

- a. Industry is subject to Categorical Pretreatment Standards under 40 CFR 403.6 and 40 CFR I, Subchapter N;
 - b. Industry will discharge 25,000 gallons/day of process wastewater;
 - c. Industry contributes a process wastestream that contributes 5% or more of the organic capacity of the treatment plant;
 - d. Industry has a reasonable potential for adversely affecting the treatment plant's operation or violating any pretreatment standard or requirement.
5. Any person who shall willfully make any false statement in order to obtain a permit shall be guilty of a misdemeanor and subject to the penalty provided herein. Bad faith or unreasonable delay in the performance of plumbing work shall be deemed a sufficient reason for subjecting the plumber to an offense and to a suspension of the permit and no further permit shall be issued until such act of bad faith or unreasonable delay has been corrected.

APPLICATION FOR PERMIT

30.2

(a) Application. Delete #5 in its entirety.

30.2. Add the following

(d) Permit by Phone With Charge Account.

1. A deposit of not less than one hundred fifty dollars (\$150.00) shall be made with the City of Abilene by the applicant.
2. No part of such deposit shall be applied to the account of any applicant.
3. Every applicant shall be billed each month for the total balance of his account and the official written permit shall be enclosed therein.
4. All accounts shall be payable within ten days after the billing date; any account not paid within ten days shall not be eligible for further issuance of permits to this section, and the applicant's deposit shall be forfeited to the City.

30.4 (a). Delete in its entirety and insert the following:

30.4 (a). **Permit Fees.**

Fees shall be set by the City Council by resolution.

30.4 (b). Delete in its entirety.

30.4 (c). Delete in its entirety.

30.4 (d). **Investigation Fees: Work Without a Permit.** Add the following :

3. Further work performed by same contractor without permits will result in a penalty and investigation fee of ten (10) times the amount of the permit fee required by this code if a permit were to be issued.

31 - LICENSES AND BONDS. Add the following:

PLUMBING LICENSES REQUIRED

31.1

All persons who engage in or work at the actual installation, alteration, repair, and renovation of plumbing shall possess a master or journeyman plumber's license, in accordance with the provisions of the State of Texas, Plumbing License Law, Chapter 115, Vernon's Annotated Civil Statutes, Article 6243-101. Any person who engages in the business of a plumbing contractor shall possess a Master Plumber's license.

Each licensed contractor shall display the state licens number in letters not less than two (2) inches in height on both sides of all vehicles, and/or posted at the job site, visible and readable from the nearest public street.

BOND REQUIRED

31.2

Any master plumber desiring to engage in the business of a plumbing contractor shall first file with the building official of the City of Abilene, a surety bond in the sum of five thousand dollars (\$5,000.00) conditioned that the person engaged in the plumbing business will faithfully observe all the laws pertaining to plumbing; further, that the City shall be indemnified and saved harmless from all claims arising from accidents and damage of any character whatsoever caused by the negligence of such person engaged in the plumbing business, or by any other unfaithful, inadequate work done either by themselves, their agent, or their employees. Said bond shall cover yard irrigation systems.

ACTS PERMITTED WITHOUT A LICENSE

31.3. The following acts, work, and conduct shall be expressly permitted without a license:

- (a) Plumbing work done by a property owner in a building owned and occupied by the owner as his homestead;
- (b) Plumbing work done by anyone who is regularly employed as or acting as a maintenance man or maintenance engineer, incidental to and in connection with the business in which he is employed or engaged, and who does not engage in the occupation of a plumber for the general public; construction, installation and maintenance work done upon the premises or equipment of a railroad by an employee thereof who does not engage in the occupation of a plumber for the general public; and plumbing work done by persons engaged by any public service company in the laying, maintenance and operation of its service mains or lines to the point of measurement and the installation, alteration, adjustment, repair, removal and renovation of all types of appurtenances, equipment and appliances, including doing all that is necessary to render the appliances usable or serviceable; appliance installation and service work done by anyone who is an appliance dealer or is employed by an appliance dealer, and acting as an appliance installation man or appliance service man in connecting appliances to existing piping installations; water treatment installation, exchanges, services or repairs. Provided, however, that all work and service herein named or referred to shall be subject to inspection and approval in accordance with the terms of all local municipal ordinances;

- (c) Plumbing work done by a licensed irrigator or licensed installer when working and licensed under Chapter 197 (Article 8751, Vernon's Texas Civil Statutes). A person holding a valid license from the Texas State Board of Plumbing Examiners shall not be required to be licensed by any other board or agency when installing or working on a lawn irrigation system;
- (d) Plumbing work done by an LP gas installer when working and licensed under Chapter 113, Natural Resources Code, as amended.

CHAPTER 1

DEFINITIONS

Adopt the 1991 Uniform Plumbing Code in its entirety with the following exceptions.

Sec. 110 (c) Industrial Waste. Add a sentence to read as follows:
Reference the City of Abilene Industrial Waste Ordinance No. 100-1983.

Sec. 110 (f). Add the following section:

(f) Irrigation Systems. Means an assembly of component parts permanently installed with and for the controlled distribution and conservation of water for the purpose of irrigating any type of landscape vegetation in any location for the purpose of dust reduction or erosion control.

Sec. 113 (h). Add the following section:

(h) Licensed irrigator. Means a person licensed by the Texas Board of Irrigators under the Licensed Irrigators Act, Article 8751, Section 7, Vernon's Texas Civil Statutes, who sells, designs, consults, installs, maintains, alters, repairs or services an irrigation system including the connection of such system in and to a private or public, raw or potable water supply system or any water supply.

Sec. 117. Add the following definition:

(s) Pretreat. The reduction or alteration of pollutants by physical, chemical, or biological processes to conform to the limitations defined in Industrial Waste Ordinance No. 100-1983. Dilution is prohibited as a substitute for treatment.

CHAPTER 3

GENERAL REGULATIONS

Adopt the 1991 Uniform Plumbing Code in its entirety with the following exceptions.

Sec. 305 (a). Delete in its entirety and insert the following:

Sec. 305 (a). **Industrial Wastes.** Any person generating waste prohibited from discharge into a sanitary sewer by the Industrial Waste Ordinance shall pretreat or otherwise dispose of the prohibited waste so as to make the waste actually discharged to the sanitary sewer acceptable under the standards established in the Industrial Waste Ordinance for the City of Abilene, No. 100-1983.

Sec. 315. Protection of Piping, Materials and Structures. Add the following :

Sec. 315 (g). No bathtub shall be installed with fittings on the outside wall unless it has an access door or complies with 904B.

Sec. 318 (b) (3). Delete in its entirety and insert the following:

Sec. 318 (b) (3). **Water Test.** The water test shall be applied to drainage and vent systems either in its entirety or in sections. If applied to the entire system, all openings in the piping shall be tightly plugged except the highest opening of the section under test, and each section shall be filled with water, but no section shall be tested with less than 6" above the highest fixture rim. The water shall be kept in the system or in the portion under test for at least fifteen (15) minutes before inspection starts. The system shall then be tight at all points.

Sec. 318 (b) (5). Add the following exceptions:

- EXCEPTION: 1. Not required for single family residence.
2. Tests may be limited to sewers within the confines of the property line.

CHAPTER 4

DRAINAGE SYSTEMS

Adopt the 1991 Uniform Plumbing code in its entirety with the following exceptions.

Sec. 401 (a) (2). Add the following sentence:

ABS and PVC DWV not permitted in I Occupancies.

CHAPTER 6

INDIRECT AND SPECIAL WASTES

Adopt the 1991 Uniform Plumbing Code in its entirety with the following exceptions.

Sec. 611 (a) Steam and Hot Water Drainage. Change first sentence to read as follows:

No steam pipe shall be directly connected to any part of a plumbing or drainage system, nor shall any water having a temperature above the one hundred and twenty degrees (120) F, forty-eight degrees (48) C, at the point of connection to the sanitary sewer be discharged under pressure directly into any part of a drainage system.

Sec. 612 (h). Chemical Wastes. Delete the words "of adequately diluted."

CHAPTER 7

TRAPS AND INTERCEPTORS

Adopt the 1991 Uniform Plumbing Code in its entirety with the following exceptions.

Sec. 701 (a). Traps Required. Add the following exception:

EXCEPTION: More than (1) trap may be permitted when an approved clean-out is provided on the trap arm.

Sec. 708 (b). Industrial Interceptors (Clarifiers) and Separators.

Add a sentence to read:

Reference Design Tables

7-3 Standard Design Trap (oil and grease)

7-4 Sand Trap (washrooms, etc.)

7-5 Manure Traps

Sec. 708 (c) Design. Add the following sentence:

Discharge water temperature at the point of connection from the grease trap to the sanitary sewer shall not exceed 120 degrees F, 48 degrees C.

Sec. 711 (a) Grease Traps. Add the following:

A food service establishment may request approval from the Board of Appeals to obtain special approval regarding grease trap requirements.

Sec. 712-Grease Interceptors for Commercial Kitchens. Delete in its entirety and insert the following:

Sec. 712-Grease Interceptors for Commercial Kitchens.

When grease interceptors are required, a recommended sizing criteria is provided in Appendix H and Design Table 7-6 "Grease Traps."

**CHAPTER 8
JOINTS AND CONNECTIONS**

Adopt the 1991 Uniform Plumbing Code in its entirety with the following exception.

Sec. 803 (f) - Plastic Fittings. Delete in its entirety.

**CHAPTER 10
WATER DISTRIBUTION**

Adopt the 1991 Uniform Plumbing Code in its entirety with the following exceptions:

1004 (a). Delete all reference to CPVC materials.

Sec. 1010 Add the following:

Sec. 1010 (c). Water conservation fixtures shall be as described in Appendix J.

**CHAPTER 11
BUILDING SEWERS**

Sec. 1105-Size of Building Sewers. Add to the end of this section:

But in no case shall be building sewer be less than four inches (4").

Sec. 1107- Cleanouts.

Sec. 1107 (a). Delete first sentence of second paragraph and replace with the following:

Additional building sewer cleanouts shall be installed at intervals not to exceed seventy-five feet (75') in straight runs from the top of the cleanout and for each aggregate change in direction exceeding one hundred and thirty-five (135) degrees.

Add the following section:

Sec. 1107 (g) - Manholes. Manholes shall comply with City of Abilene Engineering Department standards.

CHAPTER 12

FUEL GAS PIPING

Adopt the 1991 Uniform Plumbing Code with the following exceptions:

Sec. 1206 (c) (2). - Final Piping Inspection. Delete first sentence in its entirety and add the following:

The piping and valve shall be tested at pressure of at least ten (10) inches of mercury, measured with a manometer or slope gauge.

Sec. 1206 (e) Add the following:

A permit and gas retest in accordance with (c) of this section shall be required if the gas meter has been removed for a period of 90 days or longer.

Sec. 1212 (a) - Material for Gas Piping. Delete PVC from this section.

CHAPTER 13

WATER HEATERS AND VENTS

Adopt the 1991 Uniform Plumbing Code in its entirety with the following exceptions.

Sec. 1311 (b). Delete the first sentence and insert the following:

Every attic, roof, mezzanine, or platform more than ten feet six inches (10'6") above the ground or floor level shall be made accessible by a stairway or ladder permanently fastened to the building.

APPENDIX C

MINIMUM PLUMBING FACILITIES

Adopt the 1991 Uniform Plumbing Code in its entirety with the following exceptions.

Amend opening paragraph preceding Table by adding the following:

Refer to Appendix 5 of the 1991 Uniform Building Code.

Delete paragraph preceding Footnote 1 and insert the following:

Whenever urinals are provided, one (1) water closet less than the number specified may be provided for each urinal installed, except the number of water closets in such cases shall not be reduced to less than one-third (1/3) of the minimum specified.

Add a Footnote Number 15 to read as follows:

15. This table is to be considered as a basic guide. The numbers contained herein may be modified upon the written recommendation of a licensed architect or licensed professional engineer.

APPENDIX D

RAINWATER SYSTEMS

Adopt the 1991 Uniform Plumbing Code in its entirety with the following exception.

Part C. D3.4 Roof Gutter

. Add the following:

Based on local and national statistics, the rainfall in inches for sizing shall be 6".

APPENDIX E

MOBILE HOME PARKS AND RECREATIONAL VEHICLE PARKS

Adopt the 1991 Uniform Plumbing Code in its entirety with the following exceptions.

E 9 - Mobile Home Lot Drain Inlet and Lateral

E 9 (d) Delete in its entirety and insert the following:

E 9 (d) All materials used for sewer connections between a mobile home and the inlet shall be rigid corrosion resistant, non-absorbent and durable. The inner surface shall be smooth.

E 12 - Trap

E 12 (a) Delete in its entirety and insert the following:

Each lot drain inlet shall be provided with an effectively vented trap not less than four inches (4") (102.4 mm) in diameter for inlets designed to receive the discharge of vehicles equipped with toilets.

E 15 - Wet Vented Systems

E 15 (2) Delete in its entirety and insert the following:

Wet vented drainage shall not be less than 4" in diameter.

E 16 - Systems Without Traps. Delete in its entirety.

E 17 - Pipe Size. Delete Table E-1 in its entirety and insert the following:

Table E-1

Drainage Pipe Diameter and
Number of Fixture Units on Drainage System

Size of Drainage Pipe (inches) (mm)		Max. No. of fixture units individually vented system	Max. No. of fixture units wet vented system	Terminal and relief vent-wet vented system (inches) (mm)	
4	101.6	180	35	3	76.2
5	127	356	180	4	101.6
6	152.4	600	356	4	101.6

E 17 (c). Delete in its entirety.

E 38. System Shutoff Valve. Delete in its entirety and insert the following:

A readily accessible and identified shutoff valve controlling the flow of gas to the entire gas piping system shall be installed at a point of connection not to exceed 3' to the service piping or supply connection of the liquefied petroleum gas tank.

E 40 - Mobile Home Gas Outlet.

E 40 (b). At end of section, add the following:

This paragraph refers only to the construction of the mobile home lot.

E 41 - Mobile Home Connector. Delete in its entirety and insert the following:

Each mobile home shall be connected to the mobile home outlet by approved pipe and pipe fittings. If the fuel gas being supplied is LPG, the connection shall be made with copper tubing or an approved mobile home connector. The amount of exposed horizontal piping from the mobile

home shall not exceed two feet (2'). Gas piping or connectors shall be of a size to adequately supply the total demand of the connected mobile home.

E 76. Omit the first line of the table referring to 5 vehicles served.

E 84. Delete in its entirety and insert the following:

Each drain inlet shall be protected from movement by being cased in a concrete slab no less than three and one-half inches (3-1/2") in thickness and surrounding the inlet not less than six inches (6") on any side, or by equivalent protection. It shall be provided with a tight-fitting plug or cap which shall be secured by a durable chain (or equivalent) to prevent loss.

APPENDIX I

PRIVATE SEWAGE DISPOSAL SYSTEMS

Delete this Appendix in its entirety and insert the following:

Private sewage disposal systems shall be installed and inspected in accordance with the Texas State Construction Standards and regulations for private sewage systems.

Add an Appendix which reads as follows:

APPENDIX J

J 1 - Water Conservation - General.

Automatic flushing devices of the siphonic design shall not be used to operate urinals.

J 2 - Water Conservation - Water Closets.

Water closets, either flush tank or flushometer operated, shall be designed, manufactured, and installed to be operable and adequately flushed with an average of 3.5 gallons of water when tested in accordance with applicable standards.

NOTE: The test procedures for flushing performance of water closet bowls can be found in the Water Closet Standard. Follow manufacturer's installation procedures for adjustment to achieve the required flow rate.

EXCEPTION: Flush-valve type water closets.

J 3 - Water Conservation - Urinals

Urinals shall be designed, manufactured, and installed to be operable and adequately flushed with no more than 1.5 gallons of water per flush for flush type urinals, and 3.0 gallons of water per of water per flush for tank type urinals.

J 4 - Water Conservation - Lavatory Faucets.

Lavatory faucets shall be designed, manufactured, and installed so that they shall not exceed a water flow rate of 3.0 gallons per minute* with varying supply line pressure. Every lavatory faucet will be equipped with an approved aerator.

J 5 - Water Conservation - Shower Heads.

Shower heads shall be designed, manufactured, and installed to deliver water at a rate not exceeding 3.0 gallons per minute* with varying supply line pressure.

J 6 - Water Conservation - Sink Faucets.

Sink faucets shall be designed, manufactured, and installed so that they shall not exceed a water flow rate of 3.0 gallons per minute* with varying supply line pressure.

*For testing purposes, a manufacturing tolerance of +0.25 gallons per minute is allowable.

- END -