



Hickory Creek Special Utility District

Standards for Water Service Lines

SECTION E DISTRICT SERVICE RULES AND REGULATIONS....

20. Customer's Responsibility.

- a. The Customer shall provide access to the meter as per the easement and service agreement. If access to the meter is hindered or denied preventing the reading of the meter, an estimated bill shall be rendered to the Customer for the month; and a notice shall be sent to the effect that access could not be gained. If access is denied for three (3) consecutive months after proper notification to the Customer, then service shall be discontinued, and the meter removed with no further notice. (Section E. 3. d.)
- b. The Customer shall be responsible for compliance with all utility, local, and state codes, requirements, and regulations concerning on-site service and plumbing facilities.
 - i. All water service connections shall be designed to ensure against back-flow or siphon age into the District's water supply. In particular, livestock water troughs shall be plumbed above the top of the trough with air space between the discharge and the water level in the trough. (30 TAC 290.46)
 - ii. The use of pipe and pipe fittings that contain more than .25% lead or solder and flux that contain more than 0.2% lead is prohibited for any plumbing installation or repair of any residential or non-residential facility providing water for human consumption and connected to the District's facilities. Customer service pipelines shall be installed by the applicant. (30 TAC 290.46)
- c. The District's ownership and maintenance responsibility of water supply and metering equipment shall end at the meter or other service equipment. Therefore, all water usage registering upon and/or damages occurring to the metering equipment owned and maintained by the District shall be subject to charges as determined by this Service Policy.
- d. **The District shall require each Customer to have a cut-off valve on the Customer's side of the meter for purposes of isolating the Customer's service pipeline and plumbing facilities from the District's water pressure. The valve shall meet AWWA standards (a ball valve is preferred). The Customer's use of the District's curb stop or other similar valve for such purposes is prohibited. Any damage to the District's equipment shall be subject to service charges.**
- e. The District's curb stop will be locked upon installation, the meter will remain locked until the customer installs his/her own cutoff valve, within four (4) feet of the meter, and then notifies the District of its installment at which point the Customer Service Investigator will grant water service and unlock the meter. If applicable a final CSI will be conducted after the residential plumbing construction is completed, then continuous water service will be granted.

21. Prohibited Plumbing Practices

- a. No direct connection between the public drinking water supply and a potential source of contamination is permitted. Potential sources of contamination will be isolated from the public water system by an air gap or an appropriate backflow prevention device.
- b. No cross-connection between the water supply and a private water system is permitted. These potential threats to the public drinking water supply must be eliminated at the service connection by the installation of an airgap or a reduced pressure-zone backflow prevention device.
- c. No connection which allows water to be returned to the public drinking water supply is permitted.
- d. No pipe or pipe fitting which contains more the eight percent (8.0%) lead may be used for the installation or repair of plumbing at any connection which provides water for human use.
- e. No solder of flux which contains more than two-tenths of one percent (0.2%) lead can be used for the installation or repair of plumbing at any connection which provides water for human use.

22. Connection of Water Service

- a. Applications for water service connections shall be filed with the District upon application forms made available from the District. Applicants for water service shall meet all District requirements for service including the granting of any necessary water easements (as determined by the District) to serve the connection and to enable the District to provide system wide service.
- b. No person, other than the properly authorized agent of the district, shall be permitted to tap or make any connection with the mains or distributing pipes of the district's water system, or make any repairs or additions to or alterations in any tap, pipe, cock or other fixture connected with the water service pipe.
- c. The customer must allow his or her property to be inspected for possible cross-connections and/or dual hookup(s) and other undesirable plumbing practices. These rules apply to public water utilities, one meter is required for each residential, commercial, or industrial service connection per Texas Administration Code [30 TAC Title 16, Part 2, Chapter 24, Subchapter F, Rule 24.169 (a)(4)]. These inspections will be conducted by the District or its designated agent prior to initiating service and may be conducted periodically thereafter. All inspections will be conducted during the District's normal business hours.

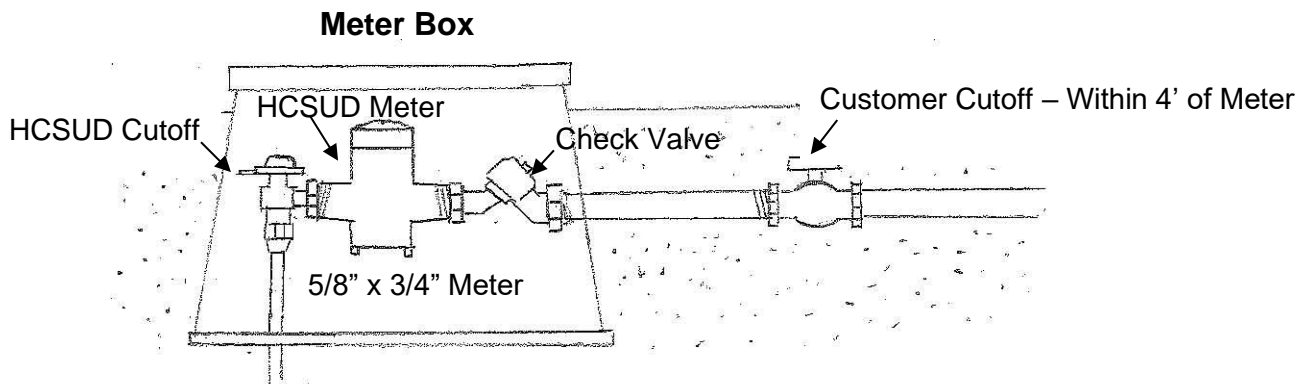
- d. The customer must, at his or her expense, properly install any backflow prevention device required by the District.
- e. Water Extensions. As of the effective date of this Service Policy, the cost of the installation of water lines beyond the existing service lines or the cost of upsizing lines (when necessary) of District to any residential or commercial user or any undeveloped area within the District shall be the sole responsibility of the property owner and/or developer requesting services.

23. Standards for Water Service Lines

- a. In addition to compliance with this Service Policy, all connections shall comply with the Rules and Regulations for Public Water Systems issued by the Texas Commission on Environmental Quality set forth in 31 TAC 290. In the event of a conflict between this Service Policy and TCEQ Rules, the more stringent rule shall apply.
- b. Water pipe and fittings shall be of brass, copper, cast iron, galvanized malleable iron, galvanized wrought iron, galvanized steel, or other approved materials.
- c. Water service shall not be less than three (3) feet apart horizontally and shall be separated by undisturbed or compacted earth.
- d. Water service lines or any underground water pipe shall not be run or laid in the same trench with non-metallic sewer or drainage piping unless all three of the following conditions are met:
 - i. The bottom of the water service line at all points shall be at least twelve inches (12”) above the top of the wastewater line.
 - ii. The water service line shall be placed on a solid shelf excavated at one side of the common trench and the two lines shall be separated by a minimum of eighteen inches (18”).
 - iii. The water service line shall be installed with watertight joints tested to a minimum of 150 PSI.
- e. A District-owned water meter and a District approved meter box shall be installed by a District representative.
- f. Potable water supply piping, water discharge outlets, backflow prevention devices, or similar equipment shall not be located so as to make possible the submergence of such equipment in any contaminated or polluted substance.
- g. Lawn sprinkling systems shall be equipped with an approved vacuum breaker installed in the discharge side of each of the last valves. The vacuum breaker shall be installed at least twelve inches (12”) above the surrounding ground and above a sufficient number of heads so at no time will the vacuum breaker be subjected to back pressure or drainage.

If applicable, a lawn irrigation system (sprinkler system) is installed, a Reduced Pressure Principal Assembly (RPZ) [a type of backflow prevention assembly] is REQUIRED by the District within four (4) feet after the customer cutoff/shutoff valve for the purpose of protecting the public water supply. This device must be tested upon installation and yearly thereafter by a licensed Backflow Prevention Assembly Tester (BPAT). A copy of the installation test results as well as the yearly test results must be sent to Hickory Creek SUD for record keeping.
- h. The District’s water system shall be protected from **swimming pool** makeup water by means of an approved backflow preventer or an adequate **air gap**.
- i. Upon the installation of a service line, a request for inspection shall be made to the District’s office forty-eight (48) hours in advance for request of inspection, and no back filling of the lines may be made until inspection has been made by the District, its agents, or employees.

Back filling of service line trenches must be accomplished within 24 hours of inspection and approval, and no debris will be permitted in any service line trench.



Print Customer Name

Signature

Date

Customer Service Inspection will be performed on or around this date.