

Washington Water Authority
A Project of the Rural Development Authority

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Requirements and Recommendations for Water Services

1. All plumbing must be installed by a licensed master plumber in the State of Arkansas. **A homeowner may complete their own plumbing, ONLY, if they occupy the structure as their primary residence.** WWA will have final determination if a licensed plumber is required. Homeowner must obtain approval from the General Manager prior to beginning any plumbing.
2. Yardlines may be inspected at any time during the construction progress. However, if the yardline is installed before a meter service is installed or not connected to the meter service at time of the inspection, another inspection and fee will be required for the connection to the meter service and /or structure. All services shall have a pressure regulator installed before the first branch. All high pressure meter setters (Offset setters or as defined by the water system) shall be required to have a pressure regulator installed just past the shut off valve (that is screwed directly to the brass nipple) **AND** a pressure regulator installed at the house (Two regulators required for high pressure services). **A threaded shut off valve shall be installed directly to the threaded brass nipple supplied by the water system.** This valve is required for customer access to shut off their water service, at their convenience. The valve shall be covered with a box large enough for the customer to easily access, similar to the meter box being connected to. The box shall not be a piece of pipe or other similar make shift device. The WWA's valves, installed with the meter service, **are not** for use by the customer. Minimum yard service line shall be 1 inch of Schedule 40; SDR 7, 9, 11 HDPE; SDR 13.5 or 17 PVC; PEX; or Type "K" Rolled Copper. **SDR 21 PVC will not be allowed** All Service lines shall be installed with tracer wire. Tracer wire shall be #12 or #14 Solid Copper wire. Yard services lines shall be buried at least 24 inches deep to stay below the frost line.
3. Minimum yard service line shall be 1 inch of Schedule 40; SDR 7, 9, 11 HDPE; SDR 13.5 or 17 PVC; PEX; or Type "K" Rolled Copper. **SDR 21 PVC will not be allowed.**
4. All non-residential services shall have a RPZ (Reduced Pressure Zone) device installed downstream of the meter service. In the event a residence and a poultry house, for example, are connected to the same service, this requirement will apply.
5. If the yard service line is longer than 200 feet, we recommend, but do not require, that you install a shut off (isolation) valve every 200 feet or so, to isolate any leak that may occur within your plumbing system.
6. All structures containing a water heater shall have a Thermal Expansion Tank or Thermal Expansion Valve installed correctly upon inspection, in accordance with Sections 607.3, 607.3.1, and 607.3.2 of the Arkansas State Plumbing Code, including structures that are switching water service from a well to the public water system.
7. All plumbing, whether new construction or remodel, will be required to obtain a plumbing permit from the WWA. This shall include replacement of service lines.
8. All sites will have a permanent 911 address posted for all inspections. Address will be posted, either on the structure, a mailbox with address, or a 911 sign posted. **An inspection will fail if an address is not correctly posted.**
9. Homes or properties receiving new meter services shall have a waste disposal system in accordance with the Arkansas Department of Health Regulations, enforced through the appropriate County Health. A copy of the septic system design and permit for operation shall be filed with the WWA by the customer requesting service at the time of application for service.

10. All plumbing, and those items stated above, shall be installed in accordance with the Arkansas Plumbing Code. All work shall be inspected by the Inspectors of the Washington Water Authority before any line is covered up.
11. All yard hydrants connected to the public water supply shall have a dual check valve assembly installed upstream of the hydrant.
12. Only one (1) residence is allowed to connect to each meter service.
13. Section 107.1.2.4 of the Arkansas State Plumbing Code requires plumbers to install a sign giving the company name, the name and state license number of the supervising master plumber, and phone number. The sign shall be made of weatherproof material. The sign shall be professionally made, not handwritten. The sign shall be a minimum size of 18" x 24" and shall have minimum 2" letters. The sign must be left posted at the job site throughout the duration of the construction project. **A sign may not be removed from a site until the final inspection has been completed.**
14. Tiny homes, Park Model RV's, etc. will require inspections to insure compliance with plumbing code. Park Model RV's will not be allowed to be direct connected to the public water system, unless applicant can provide documentation that Park Model RV has been inspected to meet Federal Plumbing Code Requirements (as with Modular Homes) or the plumbing can be removed and replumbed by a licensed master plumber and inspected to insure compliance with ADH and WWA plumbing code requirements.
15. The Washington Water Authority is not responsible for any costs incurred by the plumber in order to correct any action necessary to meet the requirements of this document or the Arkansas State Plumbing Code.

These requirements are subject to change at any time
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