

# Homeowner's Informational Packet for a Water Service



**Kentucky Division of Plumbing**

[www.dhbc.ky.gov/plb](http://www.dhbc.ky.gov/plb)

**Kentucky State Law, Regulations, and Code**

<https://dhbc.ky.gov/Documents/2023%20KSPLRCB.pdf>

or



## **When is a Permit Required?**

Plumbing permits are required for new plumbing installations including water services from the water meter to the home and house sewers from the home to the city sewer tap or septic system. Existing plumbing installations, if a fixture, soil, or waste opening, or conductor is to be moved or relocated. All new plumbing installations. Permits are not required for the repair of leaks, cocks, valves, or the cleaning out of waste or sewer pipes.

## **Useful Links**

Homeowner's Permit Registration Website:

<https://dept-hbc-ky.smartgovcommunity.com/Public/Home>

Plumbing Inspectors by County:

<https://dhbc.ky.gov/Documents/Plumbing%20Inspector%20Itinerary.pdf>

## **Requirements for Installing a Water Service**

1. A new plumbing construction permit is required to be purchased online via the [SmartGov online portal](#) or by contacting a [plumbing inspector in your county](#).
2. Homeowner plumbing permits can only be obtained from the homeowner and approved by the inspector if it is for the homeowner's personal residential use. (No rental or short-term rental properties will be approved)
3. When purchasing a plumbing permit, you are required to mark under the "Details" tab if the sewer is going to a municipal or private sewer. A municipal sewer is a sewer that empties into a sewer main, typically maintained by the city or county. A private sewer empties into an on-site sewage disposal system. (Typically, a septic tank)
4. The water service is the pipe from the water main or other source of potable water supply to the water distributing system of the building served, other than piping serving firefighting equipment.
5. The minimum size of the water service is to be a three-quarter (3/4) inch nominal pipe size and be of sufficient size to permit a continuous and ample flow of water to each fixture in the home.
6. If the water service piping is made of plastic or other nonconductive piping, the water service piping shall be installed with an insulated copper tracer wire adjacent to the

pipng.

- a) Access shall be provided to the tracer wire at the foundation wall, above grade, and wrapped around an inserted anker, where the water service enters the home or is placed within the water meter vault.
  - b) The tracer wire shall:
    1. Not be less than eighteen (18) AWG; and
    2. Be suitable for direct burial.
7. The underground water service pipe from the main or water supply system to the water distribution system shall not be less than five (5) feet apart horizontally from the house sewer and shall be separated by undisturbed or compacted earth.
  8. Site tubes are allowed at times in certain counties, depending on how many days a week inspectors work in that county. You should contact your local inspector to determine if site tubes are allowed in your county. Each site tube is required to be four (4) inch minimum and placed directly over the water service so that the material used, and the depth of the service can be measured to make sure the thirty (30) inch minimum is maintained.
  9. An air pressure test at 100 PSI is required to ensure the new installation is free from any leaks or you are required to have the service turned on and operating at the working water pressure at the time of inspection.
  10. A shut-off valve shall be installed in an accessible place inside the living area of the home.
  11. If a yard hydrant is installed, you must also install an ASSE 1024 dual check valve before the yard hydrant. This is to be placed on the line for the hydrant only, and not the main water supply service.
  12. After the service has been installed, and before backfilling, you are required to call for an inspection the morning you would like your inspection and a day the inspector is working in your county.

The contents of this brochure are for informational purposes only about Kentucky law governing the installation of residential irrigation systems. The Kentucky Public Protection Cabinet; Department of Housing, Buildings and Construction, and Division of Plumbing make no warranty that the information provided is accurate or timely. Consumers are advised to seek professional advice rather than relying solely on the instructions provided in this brochure. The Cabinet/Department/Division assumes no responsibility and accepts no liability for any damage suffered due to an individual's

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