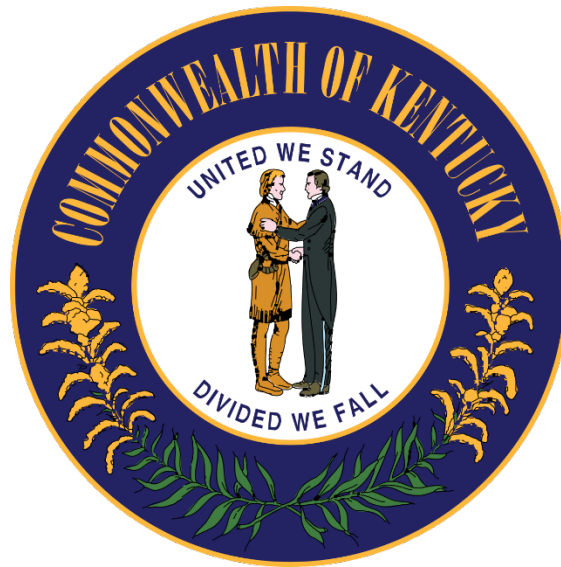


Homeowner's Informational Packet for a Sewer



Kentucky Division of Plumbing

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 Sewer

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. If the sewer is discharging into an on-site sewage disposal system, typically a septic tank, your plumbing permit can not be approved without you first having approval from the local county environmentalist.
5. The minimum size of the sewer is to be four (4) inches, which starts two (2) feet from the outside (foundation) wall. The sewer must have a minimum of one-eighth (1/8) inch of fall per foot, which is equal to one (1) inch for every eight (8) feet. Maximum fall is one-quarter (¼) inch of fall per foot.
6. A house sewer shall be laid on a grade of not less than one-eighth (1/8) inch per foot, nor more than one-quarter (1/4) inch per foot.

7. A two-directional cleanout is required within two (2) feet of the inside or outside wall and the top of the cleanout is to be extended up to the top of the ground. A test tee is required at the sewer tap for inspection purposes.
8. Grillage (sand, pea gravel, or #57 gravel) is required as follows:
 - (1) 4 inches on the bottom of the pipe if using SCH40 PVC pipe.
 - (2) 6 inches on the bottom, top, and both sides if SDR 35 type pipe is used.
9. A backwater valve may be required if there is a lower level or basement in a house or building with plumbing. The backwater valve may be installed inside or outside, but it must be accessible. It will be required if the lower level or basement is lower than the top of the nearest manhole.
10. When crossing a driveway, the sewer must have twenty-four (24) inches of cover for SCH 40 PVC or thirty-six (36) inches of cover for SDR 35 pipe. If less than twenty-four (24) inches of cover is available, the sewer must be encased in six (6) inches of concrete, but there can be no direct contact between the concrete and the PVC piping. No SDR 35 piping or cellular core piping is permitted when less than twenty-four (24) inches of cover is available.
11. A change in direction should be made with 45-degree bends to form a long sweeping turn. Sanitary tees may not be used unless in a vertical position.
12. If a sewer and water service intersect, then a sleeve shall be used on the water service piping extending five (5) feet on either side of the intersection.
13. If your home has no vent through the roof, a minimum of a three (3) inch vent must be run on the outside of the home and be piped to one (1) foot above the roof and be properly secured.
14. If less than ten (10) feet of piping is to be replaced, the Division of Plumbing considers this a repair, and no permit or inspection is required.
15. A smoke test, water test, or 5lb air pressure test is required to ensure the new installation is free from any leaks and to see if the building drain is safely vented. All materials required to perform the test are to be supplied by you and you are responsible for performing the test at the time of the inspection.
16. After the sewer 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 reliance on the information contained herein. Consumers are cautioned to read the contents carefully and utilize the information provided at their own risk.