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## Tips for installing your service line

- ≈ The meter is equipped with an 12-18 inch length of one inch polyethylene, Class 200 CTS (Copper tube size) service line extending outside the meter box. This is where you make your connection.
- ≈ A compression connection with stainless steel inserts (stiffeners) must be used to connect to the 18 inch stub. The recommended fitting is a Mueller 110 Compression Connection or For Meter Box Co., Grip Joint Coupling.
- ≈ In determining the size of line to use when bringing water into your home, the recommendations are:
  - 1 inch diameter line for a distance up to 400 feet.
  - 1 ½ inch diameter line for a distance of 400 – 1500 feet.
  - 2 inch diameter for a distance over 1500 feet.
- ≈ Service lines must have minimum working pressure of 160 psi at 73.4 F. and must be constructed of Type K copper, polyvinyl chloride (PVC), or polyethylene.
- ≈ Service lines must be installed at a minimum depth of 3ft. 6 in.
- ≈ There must be a shut off valve on user's side of the meter as per Illinois Plumbing Code requirements. (Preferably inside the home)
- ≈ The Illinois Plumbing Code requires a thermo-expansion device on all closed systems.
- ≈ There can be no interconnection between BMWC lines and another water source. The IEPA will not allow us to service any customers who are suspected of interconnection.
- ≈ Lines must meet requirements of IEPA and the Illinois Department of Health.
- ≈ Per Illinois Plumbing Code, you may make your own connection. A licensed plumber must make all connections not made by the homeowner himself.

If you have any questions regarding your account of making your connection, do not hesitate to call the office.

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