

## Summit Township

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### **Residential & Commercial Water Service Line Requirements**

1. Copper: ASTM B-88, Type K, annealed and soft temper. All copper tubing located underground shall be a minimum of ¾" tubing and shall be soft temper type K copper tubing and be placed a minimum of five (5) feet below the surface of the ground.
2. Plastic: Either of the following may be used where plastic service tubing is allowed:
  - a. High Density Polyethylene (HDPE): Outside diameter based copper sized tubing meeting the requirements of AWWA C901-2, NSF 61, and ASTM D 2737; PE 3408, SDR 9, 200 psi pressure rated.
  - b. Crosslinked Polyethylene (PEX): Outside diameter based copper sized tubing meeting the requirements of ASTM F 877 and F 876; SDR 9, 160 psi pressure rated.
3. Joints:
  - a. Copper: Joints in underground copper tubing shall be spaced at a minimum distance of 60 feet. Copper tubing shall be connected to curb stop unless copper tubing exists between curb stop and property line. All joints shall be made with cast brass three part union, threaded copper coupling as manufactured by Mueller Co., Decatur, Illinois, pattern No. H-15402 or equal. **NO SWEAT FITTING WILL BE PERMITTED UNDERGROUND.**
  - b. Plastic: The transition from copper to plastic tubing and all underground joints on plastic tubing shall be made with a Mueller Co. 110 Compression Connection union, Part H-15403 or equal. The connection shall include a Mueller Co. stainless steel liner for the specified size of plastic tube at the connection.
4. The end of the service line tubing, immediately inside the building, shall be fitted with ground Keystop, stop and waste, or equal.
5. Two (2) service valves required – one (1) on each side of meter or meter horn.
6. Water/sewer lines **must** have a 10' linear separation.

**Service must be inspected by the Township Department of Public Works and the Township's Registered State Plumbing Inspector for pipe depth and pipe leakage before the trench is backfilled.**