

Aqua Ohio, Inc.

Quality Standard For  
Service Line Materials

---

- Minimum size service line is 1" diameter.
- For any service line over 200 feet in length, a meter pit is required.
- The standard material for water services is annealed, or soft, type K copper tubing meeting ASTM B-88, Seamless Copper Water Tube (HDPE).
- The approved material for a 2 inch diameter service line may be either type K copper or high density polyethylene tubing.
- Where HDPE plastic services are allowed, 12 gauge copper tracer wire along with marking tape shall be properly installed in the trench.
- For water services greater than 2 inch diameter, the standard material is cement-lined Class 52 ductile iron pipe meeting AWWA Standard for Water Main Materials
- In cases where highly corrosive environments exist, HDPE plastic service lines shall be considered as part of the design process.
- HDPE plastic service lines shall not be installed at gas stations or areas where contamination from non-polar organics may exist.
- All water service material shall have a minimum working pressure of 160 psi or the highest available system pressure, whichever is greater.