



**WATERFORD TOWNSHIP  
DEPARTMENT OF PUBLIC WORKS  
5240 Civic Center Dr  
Waterford, MI 48329  
Phone: 248-674-2278**

## **CONNECTING TO TOWNSHIP WATER**

**Service Line Installation.** Call 1-800-MISSDIG 72 hours prior to installation.

1. Hire a contractor to install the water service line, or install it yourself. If a service line is already installed, it must be exposed at the property line before the Water Department can make the water connection.
2. A service line inspection permit must be obtained from the Developmental Services if a new line is put in.
3. Approved plastic material is identified by ASTMD2737 200 PSI markings on the tubing. All plastic shall read 200 PSI. Water service tubing NSF9PW-PE 3408 and normal size compression fittings are available for use with plastic water service tubing (CTS). A compression adapter must be used to adapt plastic to iron pipe thread with no clamps of any kind. Always use stiffener with compression fittings. K-Type copper tubing may be used. All plastic must be K copper tubing O.D. Our office recommends copper for larger than 1" to enter under building foundation.
4. All residential or commercial service lines must be a minimum of 1".
5. Service lines shall be a minimum of 5' deep, 6' deep required if under the driveway. Call Developmental Services for inspection before back filling. \*Note: New construction shall not put service line in driveway.
6. No service line shall be installed within 10 feet of septic lines or tank without the consent of Oakland County Health Department.
7. No service line shall be installed in line with driveway, tree, fire hydrant, catch basin or any other obstruction on either side of street.
8. All service lines shall be installed past all utilities such as Ameritech, Edison, Consumers and Cable. Extension past sidewalks is required when possible. However, Waterford DPW will not be responsible for any sidewalk damage in new subdivisions as a result of water taps being done after sidewalks are in.
9. No connection through which water may pass from one property or premise to another shall be permitted even if the ownership of both may be the same.
10. All connections shall be Waterworks Brass Compression fittings.
11. Obtain a plumbing permit at Developmental Services, which is located on the third floor of Township Hall, 5200 Civic Center Dr. (3 story building across from the DPW). The Developmental Services will charge a fee for the permit, which includes future

inspection of the plumbing for the water meter. An underground plumbing inspection must be performed by the Developmental Services Department prior to the Water Department making the water connection.

12. No water connections will be made until released by the Plumbing Inspector at the Developmental Services Department. End of service line must be exposed before water connection will be made.
13. Water services larger than 1" are suggested to be copper going under footings of building to ensure no movement of meter.

#### **Water Tapped.**

14. Complete the permit and pay the water connection fees at the Water Department located at the address above. If paid in full, a 1" tap with a 5/8" meter is \$2,477.00, or a down payment of \$1,502.00 can be made with \$33.95 billed quarterly for ten (10) years at 6.5% interest. The down payment option is only available to previously existing structures, all new construction must be paid in full.
15. "Long" water taps may be subject to an additional \$1,400 tap charge if directional boring is necessary.
16. Water connections made from December 31 to March 31 will be an additional \$50.00.
17. Pay the required fees and obtain a connection permit from the Water Department.
18. Check the following for your protection of a cross connection:
  - ✓ Vacuum breakers on all threaded hose outlets.
  - ✓ Double check valve assembly is required on boilers.
  - ✓ Double check valves (i.e. Zea Check Valves) OK on softeners (BOCA P-1505 12.5)
  - ✓ Vacuum breakers on lawn sprinkler systems.
  - ✓ Install code relief valve on hot water heater on hot side. 125# or 150# pressure, 210° temperature. Install code ball cock in toilet if necessary.
  - ✓ A thermal expansion control device (expansion tank or expansion bypass valve) may be required. Please consult the local plumbing code. This unit is a safety device that will help alleviate excess pressure build up in water heaters.
19. Upon completion and payment of steps fourteen (14) to sixteen (16) above, it takes approximately two (2) weeks before the Water Department can make the water connection. If you are completely out of water and can demonstrate an emergency, we will try to make the connection within 72 hours.

#### **Meter Installation**

20. Once the Water Department makes the connection, the plumbing must be completed by the homeowner or plumbing contractor before meter installation.
21. Once the plumbing is completed, notify the Developmental Services to perform a rough plumbing inspection request line (248)674-2644.
22. Once the Developmental Services has approved the rough plumbing, notify the Water department at: (248)674-2278 and schedule an appointment to have the meter installed.

23. Meter Set Installation: All meters shall be set horizontally in a clean, dry, and perfectly accessible space. Meter is to be set within 5' after service line enters the building and not in a crawl space. Meters must be 8" from wall or immovable objects. Meter widths are 6 1/2". Gate or ball valves are required on both sides of meter. Meter will set where a small leak or spilling of water will do no damage. All meters shall be properly braced so no tension is on the plumbing. Spacing between meter couplings is 7 1/2" for a 5/8" meter or 10 3/4" for a 1" meter. No templates will be provided. All wells shall be disconnected prior to meter set and turn on. It is the homeowners' obligation to make an appointment to have the meter set and the service turned on. Call the Water Department for a meter set appointment. (see attached chart)
24. The Township water you will be receiving is well water and is processed for iron removal and chlorinated. Due to variability in water hardness, a water softener may be preferred. Our water supply ranges between 16 and 18 grains of hardness.
25. Restoration will be the responsibility of the homeowner or developer except when the water main is in or on the opposite side of the road. In new developments, the builder is responsible for both sides; this includes sidewalks.
26. You will receive a usage bill every three months.
27. It may be to your advantage to install a sprinkler meter to receive a savings in sewer rates for outside use, if connected to sanitary sewer, contact the Water Department and ask about current monthly sprinkler charges.

## **EASY CONNECTION CHECKLIST**

### **Homeowner/Contractor Responsibility**

1. Pay tap in fees and install/expose water service line.
2. Call DPW to inform line is ready.
3. Set up inside plumbing for meter.
4. Contact DPW for meter set appointment.

### **Township Responsibility**

Developmental Services inspects and approves service line.

DPW makes connection at street.

Developmental Services inspects and approves inside plumbing.

DPW installs water meter.