

PROCEDURE TO LAY WATER MAINS
CONNECTED TO THE WOONSOCKET WATER SYSTEM

1. A Petition for Water Connection (obtained from the City's Engineering Division) shall be submitted and approved.
2. Complete detailed utility plans prepared or reviewed and stamped by a registered engineer.
3. Upon completion of the above a cost estimate is prepared for the labor and materials cost for our personnel to connect the new main to the existing system and required construction inspection services.
4. Water pipes and appurtenances shall be delivered to the site at least 24-hours in advance for inspection of suitability.
5. Service corporations may be installed at time of pipe laying or after successful testing and disinfection. Only Woonsocket Water Division personnel are allowed to install service corporations on approved and active water mains.
6. Test ports corporations shall be installed at specified locations for hydrostatic testing and disinfection (see details attached).
7. A thorough flushing at the appropriate flow rate recommended in the AWWA Standards and the main shall be set at pressure for 24 hours prior to hydrostatic testing.
8. Once completed the water main shall be hydrostatically tested to Water Division specifications. A two-hour test holding 160psi without exceeding the maximum allowable leakage as described in the AWWA standards.
9. The hydrostatic tested main valves and hydrants shall be operated by Water Division personnel only.
10. The leak-tested main shall be disinfected using a chlorine solution in a manner prescribed in the AWWA standards. Chlorine introduction will be supervised and verification of proper dosage determined by Water Division personnel.
11. De-Chlorination of disinfection solution is required.
12. Test samples will be collected and test performed at the Water Division lab. The installer / developer may, at their expense, have samples drawn and tested however only the Woonsocket Water Division will determine acceptance of the water main.
13. After satisfactory results are obtained the test corporations shall be replaced with suitable brass plugs when practicable at the discretion of the Woonsocket Water Division disinfection personnel and the water main shall be left active and under static pressure.

14. Approved distribution mains shall become the property of the Woonsocket Water Division.
Excepted distribution water mains located within private property require access easements to be shown on lot plan and recorded with the Woonsocket City Clerk office.