



**WATTS BAR UTILITY DISTRICT**

P. O. Box 910 - Kingston, TN 37763 - Phone: 865-882-5058 - Fax: 865-882-6394 - [www.wbud.org](http://www.wbud.org)

April 1, 2012

Letter of Information for Fire Lines

To Whom It May Concern:

Watts Bar Utility District (WBUD) will install the saddle, gate valve, 1 piece of Ductile Iron Pipe, and make the wet tap.

WBUD is responsible from the water main and up to the Backflow Device.

1. Pipe

- a. All pipe installed shall be constructed of Ductile Iron Pipe, Tyton Jt., Pressure Class 350. The Ductile Iron Pipe shall be connected by either Field Lock Gasket or Bell Joint Restraint with approval from WBUD.
- b. The Pipe shall also contain a tracer wire that is connected to WBUD's tracer wire that is stubbed out with the pipe that WBUD stubbed out. The tracer wire shall be a #12 solid copper wire with a protective coating. Where a wire splice has to be made, the wire must be connected to continue continuity and the splice must be protective by using a gel tube that contains a protective gel to prevent corrosion of the copper wire.
- c. All pipe installed must be inspected by WBUD before it is backfilled.

2. Fire Hydrants / Valves / Fittings

- a. Fire Hydrants, Valves, and Fittings that are between the Backflow Device and the water main will become the property of WBUD. Starting with the Backflow Device and away from the water main will be the customer's responsibility.
  - i. Fire Hydrants will be 4 ½" Mueller Super Centurion 250, 3-way open left hydrant using MJ fitting with a Swivel Adapter, or approved equal.
  - ii. Valves 2" - 12", will be Mueller® A-2360 Resilient Wedge Gate Valves, or approved equal.
  - iii. Fittings from 4" to 24" shall be pressure rated for 350 psi. Fittings from 30" to 36" shall be pressure rated for 250 psi.

3. Fire Hydrants (Customers side of Backflow Device)
  - a. Fire Hydrants installed on the system must meet WBUD's specifications for fire hydrants.
  - b. All fire hydrants installed on un-metered fire lines shall have a hydrant defender installed on the fire hydrant after install. The lock will be provided by WBUD.
  - c. Fire hydrants shall meet WBUD color code. All private hydrant bodies must be painted silver.
4. Backflow Devices
  - a. See Letter of Information for Backflow Devices
5. Tracer wire will be installed with all pipe and the wire will be brought up at every valve and brought up outside the valve box and then placed into the top of valve box. The tracer wire will be brought up at the backflow device.
6. The information provided above is a brief summary of the specs and policy of WBUD and is intended for a quick reference guide for contractors and customers installing an approved backflow device. A full copy of the specs and policy is provided upon written request, a nominal fee will be charged for the copies.
7. This letter of information is only valid for 30 days from the date above. If you are past the 30 days from the date above, you must be re-issued another letter of information.

If you have any more questions, please call at the above number to contact me.

Sincerely

Wesley J. Barger  
Cross Connection Manager