

WATER METERS ON COPPER SERVICES IN SHALLOW SUMPS IN BUILDING BASEMENTS

Occasionally, residential services have the water meters located in shallow sumps in the basements. In most cases, these meters are half buried in the soil within the sump. Some also are located beside the sanitary sewer clean-out in the sump. The moist condition in the sump can create meter corrosion and can adversely affect accurate meter registration.

Those meters that share the sump with the sanitary sewer service line with the clean-out located in the sump also create a serious health hazard condition from the potential of sewer service back-up and use of the clean-out to remedy the back-up condition. Regardless of the sanitary sewer service location, sumps are low points in basements where contaminants can collect and create a contamination hazard for the water system.

Therefore, any water meters found located on copper services in shallow sumps in basements shall:

- Be reported to the Water Division Engineering Technician and the property-owner.
- Be relocated within 30 days at the property-owner's expense, by a State of Rhode Island licensed plumber.
- Be raised to provide a minimum of 12" clearance below the meter to the basement floor. The service pipe will be bent and raised if sufficient length of pipe is available.
- Follow one of the options shown in attached sketch No. 4901.
- As a last resort, if elbows are to be used, install flare fittings and K-tubing resulting in solid mechanical joints.
- Joint shall not be buried and will remain exposed.
- Have installation inspected and approved by Woonsocket Water Division.
- Compression fittings are not allowed.
- This policy does not apply to lead services.

WATER METER RELOCATION FROM SHALLOW PITS IN BUILDING BASEMENTS SKETCH NO. 4901, NO SCALE TL 4/9/01

