



## New Commercial/Residential Service Cross-Connection Control Agreement

Form – MC4704

The Alabama Department of Environmental Management recently passed a Regulation, ADEM Admin. Code R. 335-7-9-03, requiring that all new water service connections contain a backflow prevention device. For 5/8” and 1” meters, a dual check valve, depending on the degree of hazard, will be installed by MAWSS when the water meter is installed. For meters larger than 1-inch, the property owner/contractor will install a backflow preventor in accordance to the hazard type dictated by the project. The backflow prevention device is connected to the downstream connection of the water meter. The purpose of the backflow prevention device is to ensure that water delivered to the customer’s premises does not flow back into the public water distribution system.

The City of Mobile and Mobile County Public Health Department have adopted the 2000 International Plumbing Code. Section 607.3 of the Code, Thermal Expansion Control, requires that thermal expansion control devices be installed in the plumbing of a building when backflow prevention devices are installed. The installation of a backflow prevention device at the water meter can create a “closed system” in the building plumbing. Consequently, when a water heater causes thermal expansion, the expansion of water due to heating, this expansion and increased pressure cannot be relieved back toward the public water main. Damage to plumbing may result if thermal expansion control devices are not installed.

The installation of thermal expansion control devices in accordance with the local Plumbing Codes is the responsibility of the builder or property owner.

I understand that a backflow prevention device will be installed with the water meter at the following address:

\_\_\_\_\_  
(Street address) (Zip Code) (Lot #) (Subdivision)

I understand that the building at the above address must be plumbed in accordance with the current Plumbing Code provisions requiring thermal expansion control devices. I also understand the dual check valve is the property of MAWSS and shall not be tampered with (excluding connecting the building service line to the device) or removed. Any removal or tampering with the dual check valve may result in a loss of water service to the premises.

\_\_\_\_\_  
Printed Name Signature Date  
Company\_\_\_\_\_

*A copy of this form will be sent to the City or County Plumbing Inspection Department.*

Copy to Customer and Backflow Prevention Department, Original to MapCon  
Form Date 2/13/06