

# TECHNICAL BULLETIN

<p><b>CITY OF RALEIGH, N.C.</b></p> 	<p><b>INSPECTIONS DEPARTMENT 2009 NCPC</b></p>			
<p style="text-align: center;"><small>SUBJECT</small></p> <p style="text-align: center;"><b>Backwater Valve</b> When required</p>	<p style="text-align: center;"><small>SECTION</small></p> <p style="text-align: center;">715.1</p>	<p style="text-align: center;"><small>PAGE</small></p> <p style="text-align: center;">63</p>	<p style="text-align: center;"><small>EFFECTIVE DATE</small></p> <p style="text-align: center;">4/3/03</p>	<p style="text-align: center;"><small>REVISION DATE</small></p> <p style="text-align: center;">12/3/09</p>
	<p style="text-align: center;"><small>PREPARED BY</small></p> <p style="text-align: center;">DB</p>	<p style="text-align: center;"><small>REVISED BY</small></p> <p style="text-align: center;">KP, WP</p>	<p style="text-align: center;"><small>APPROVED BY</small></p> <p style="text-align: center;">Sandy, Barber, Rhodes</p>	

**715.1 Sewage backflow**

Where flood level rim of plumbing fixture is below the elevation of the manhole cover of the next upstream manhole in the public sewer, such fixtures shall be protected by a backwater valve installed in the building drain, branch of the building drain or horizontal branch serving such fixtures. Plumbing fixtures having flood level rims above this elevation of the manhole cover of the next upstream manhole in the public sewer shall not discharge through a backwater valve.

**Municipal Ordinance Section 10-6084**

The weirs of traps from plumbing fixtures and drains shall not be installed or allowed lower than an elevation which is one (1) foot above the top of a sewer main manhole upstream from the building sewer connection serving said traps until the owner has signed the proper form to be furnished by the City, releasing the City and the contracting plumber from all liability for damages which may result from sewage backflow where such an installation is proposed or has been made. This form shall be signed by the owner, witnessed and signed by the contracting plumber, accompanied by a fee to cover the cost of recording such form, and approved by the Department of Inspections. In no event shall the City be responsible for any liability for damage, which may result from sewage backflow where the herein explained installation has been made without said release having been executed.

**Conclusion:**

The Municipal Code exceeds the plumbing code requirement and will be enforced. If a sewer release form is not signed at the time of inspection, a hold will be placed on the issuance of a Certificate of Occupancy until submitted to the Inspections Department.