

BACKFLOW REVIEW GUIDELINES FOR LAND DEVELOPMENT PERMITS
Department of Watershed Management

CODES AND STANDARDS

- Comply with Department of Watershed Management code sections 25-27 and 25-34 for backflow issues.
- Comply with EPD regulations for Cross Connection Control requirements listed at http://www.gaepd.org/Documents/rules_exist.html.
- Comply with Department of Watershed Management Standards and Specification for backflow prevention.
- Clearly show all information regarding backflow prevention and cross connection control.

REQUIRED MATERIALS

- Show the following on Utility Sheet:
 - Show all existing and proposed connections to DeKalb County Water Main.
 - Show all existing and proposed backflow devices on the plan.
 - Show a note on the front cover sheet regarding scope of work/ nature of use.
 - Show a note on utility sheet if there is any swimming pool, drinking soda machine, or decorative fountain on the facility.
 - Show all DCDWM Standard details on the detail sheet.
- Test all existing backflow devices and submit the test reports prior LDP. If a backflow device fails test, it must be repaired or replaced and retested until it passes the test.
- Show the following notes on utility sheet under separate heading as BACKFLOW PREVENTION NOTES
 - All required backflow devices shall be installed per DCDWM Standards as close as practical to property line on the premises out of right-of-way.
 - Installation of backflow devices inside the building is not allowed without prior approval from Backflow Division of DCDWM.
 - Call at (404) 687-4075 for backflow inspection prior to installing any backflow device.

COMPLIANCE REQUIREMENTS

- RPZ type backflow device is required on domestic waterlines above ground in a weather protective box per DCDWM Standards on the downstream side of the water meter as close as practical to the property line out of right-of-way. Size of backflow device to match with size of service line connection.
- DDCA type backflow device is required on Fireline in a vault per DeKalb County Department of Watershed Management Standards, as close as practical to the property line out of right-of-way. Size of backflow device to match with size of service line connection.

- RPZ type backflow device is required on irrigation waterlines above ground in a weather protective box per DCDWM Standards on the downstream side of the water meter as close as practical to the property line out of right-of-way. Size of backflow device to match with size of service line connection.
- Installation of backflow device inside the building is not allowed without prior approval from Backflow Prevention division.
- Call at (404) 687-4075 for backflow inspection prior to installing any backflow device.
- EPD requires that all backflow devices must be tested after installation, each repair, relocation and at least once every year on the anniversary date.
- Test reports shall be submitted on Backflow Division on Backflow Test and Maintenance Form. The Division shall receive original form no later than ten days of the test date.
- If backflow devices fail testing, they must be repaired and/or replaced and retested until they pass testing per EPD requirement.

Note: Guidelines are meant to inform the design professional, and are not actual comments. The requirements changes on case by case basis.