



Bartow County Water Department
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BARTOW COUNTY WATER & SEWER SYSTEM WATER SYSTEM DEVELOPMENT PROCEDURES

- 1- A Developer (or authorized representative thereof) must submit a formal written request to the Bartow County Water Department regarding water and/or sewer service availability at or near their proposed development. A \$115.00 Flow Test Fee shall be submitted upon ordering a water system flow test that will be conducted upon the water service main closest to the proposed development for the purposes of calculating current water system pressure and flow rates to officially determine water service availability status.
- 2- Based upon the results of the water system flow test, the Developer's Engineer must calculate the availability of water required to meet peak domestic service demands and fire protection for the proposed development. The water utility system shall be designed to maintain a minimum pressure of 30 p.s.i. (pounds per square inch) at each water service connection and all associated distribution points under peak domestic demand and fire flow. The Developer's Engineer must provide a comprehensive report based upon these results detailing the construction purpose, average daily water consumption and peak demands calculated to service the proposed development, certifying that connection of said development to the Bartow County Water System shall not produce unacceptable fire flow levels. Fire flows for commercial and industrial developments shall be no less than 1,000 g.p.m.; multi-family residential no less than 750 g.p.m.; single-family residential no less than 500 g.p.m.. (Note: For low-density developments, lower fire flows may be acceptable based upon the risk to adjoining properties as determined by the acting Bartow County Fire Chief.)
- 3- The Developer shall submit a \$175.00 Plan Review Fee along with three (3) complete sets of construction plans for the proposed development to the Bartow County Water Department detailing the geographic location, development layout and conceptual design of proposed water and/or sewer utility services with separate plans for water and sewer. These plans must be signed by a Georgia Registered Engineer and shall be drawn as per Bartow County Specifications. Development plans submitted to Bartow County for approval must also be accompanied by a letter signed by a Georgia Registered Engineer confirming that there is not a landfill on the site of the proposed development:

Pursuant to Act 599, "The Erosion and Sedimentation Act": "Therefore, effective immediately, all utility plans submitted to the Division for environmental approval, as required by State regulations, must include defined contract requirements for erosion and sedimentation control. Requirements for erosion and sedimentation control should be defined such that costs may be included in the bid proposal. Please note, however, that any required erosion and sediment control plan must still be approved by the Soil and Water Conservation District. If the Environmental Protection Division is the permitting authority for the land-disturbing permit for the specific project, a thirty (30) day public notice will be required. All local jurisdictions with delegated environmental approval responsibilities should be guided accordingly in the development and approval of construction water and sewer project plans".

The proposed project will be reviewed by the Bartow County Water Department and, if approved, one (1) copy of the approved plan shall be returned to the developer for construction purposes.

- 4- The Developer shall schedule a pre-construction conference with his Contractor and the Bartow County Water Department to coordinate project construction schedules including making bores, installing taps, connecting to existing service lines, arranging for the acquisition of all necessary permits, etc. (Note: Contractors must possess a valid Georgia Utilities Contractor License and be formally approved by the Bartow County Water Department.)

- 5- The Contractor shall then provide the Bartow County Water Department with a certified copy of his quote for the particular project. Prior to initial construction authorization of the project, a \$715.00 Tap-On Fee per each water service main connection and an Inspection Fee, equivalent to 2% of projected Construction Cost, shall be submitted. *(Note: Confirmation of the final contract total may be required before approval shall be granted for the project.)* Also, water usage for filling and flushing will be billed at \$4.77 per thousand gallons based upon a minimum of four (4) times the volume of the pipe. [Example: 5000 LF 8" pipe X 2.89 gallons/ft. X \$4.77/thousand gallons X 4 = \$275.71]
- 6- The Contractor must adhere to the Specifications of the Bartow County Water Department per materials used and methods of installation. During periods of construction the Developer and/or Contractor shall be responsible for installing locate flags, painting the curb at all road crossings, short-side taps and maintaining same until all service utilities are installed and completed. Should access to any new development cross or cover an existing PVC water service main, then the Developer shall be responsible for relocating the affected service line or replacing it with ductile iron piping. The Contractor will be required to periodically update the Bartow County Water Department regarding construction progress of the project so mandatory inspections can be scheduled and conducted.
- 7- Due to past problems with ditches settling the Bartow County Water Department, at its own discretion, may require that compaction tests be performed by a reputable firm at the Developer's expense to assure proper compaction has been achieved.
- 8- Prior to the installation of water meters within a development, all required water utility system tests shall be conducted and passed per Bartow County Water & Sewer System Specifications while any applicable property deeds and/or utility easements shall be executed and properly recorded. As-built drawings along with a \$175.00 Plan Review Fee shall be submitted to the Bartow County Water Department detailing the exact location of all water utility infrastructure including service lines, service taps, valves and fire hydrants. These as-built drawings shall be produced by the Engineer of Record for the project and presented on two (2) complete sets of fresh drawings. The Engineer of Record must also certify upon the as-built drawings that they (or designated representative thereof under their direct supervision) have made sufficient visits to the project site confirming the said development was constructed according to Plans and Specifications as approved. A final inspection shall then be conducted by the Bartow County Water Department to assure that these as-built drawings are accurate and that all meter setters and boxes have been properly installed. Once all required maintenance procedures indicated during this final inspection have been successfully completed by the Contractor and accepted by the Bartow County Water Department, final approval shall be granted for the project. *(Note: If a water meter cannot be properly seated, an additional charge shall be made for adjustments performed to the setters and/or box or any repairs to the same.)*
- 9- The Developer shall be solely responsible for all water and/or sewer system repairs performed within the development for a period of one (1) year from the date of final project approval. Should a leak or blowout occur during the required one-year warranty period, the Developer shall be responsible for all necessary repairs, estimated water loss, retesting of the utility system and reimbursement of any associated expenses incurred by the Bartow County Water Department.