



Athens-Clarke County Public Utilities Department General Design Guidance for Water and Sanitary Sewer Development Projects

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Article I. General Water and Sanitary Sewer Design Guidance

Section 1.01 Construction Document Submission

- a. Athens-Clarke County Public Utilities Department (PUD) promulgated these policies and rules applicable to the installation of utilities. (Municode §7-3-37(b))
- b. PUD requires that all water and sewer extensions to the main system be built equal to those installed by PUD with respect to materials, installation, performance, and durability in compliance with the most recent version of the PUD specifications for water and sanitary sewer construction. Private water and sewer mains must function within the framework of the public system and therefore must be built according to specifications.
- c. Construction documents must be submitted through the current plan review process to the Athens-Clarke County Planning Department for permitting. All fees for plan review are calculated based on the Planning Department's Fee Calculator and are due at plan submission.
- d. All water and sewer plans shall be signed and sealed by a Georgia Registered Professional Engineer.

Section 1.02 Plan Review

- a. All water main and sanitary sewer line (less than 36 inch diameter) design review and approval will be administered by PUD under delegation by Georgia Environmental Protection Department (EPD).
- b. Plans will be reviewed and written comments will be provided indicating required corrections and/or changes to the applicant through the Athens-Clarke County Planning Department. Plans submitted for review will not be returned to the applicant.
- c. The written comments are one of three types, corrective, conditional, or recommendations. Corrective comments will require resubmission to address the comments prior to approval. Conditional comments will require actions by the applicant prior to issuing the construction permit or the certificate of occupancy. Recommendation comments are not binding on the applicant.

Section 1.03 GDOT Permit for Utility Construction in Right of Way

- a. All utility construction on State right-of-way requires a permit from the Georgia Department of Transportation (GDOT) Georgia Utilities Permitting System (GUPS Permit). PUD will process the GUPS permit application.
- b. The applicant/contractor is responsible for supplying all drawings and traffic control

- plans required by GDOT as part of the GUPS process.
- c. The PUD fee processing the application for the permit is \$100.00. (Municode §5-3-71)

Section 1.04 Variance to PUD Specifications

- a. The Director of Public Utilities is authorized to approve a variance for any significant deviation from the water and sanitary sewer construction specifications.
- b. The approval of a variance for the project must occur before final approval of the construction documents.

Section 1.05 Plan Approval Process

- a. Water and sanitary sewer projects are sorted into one of three categories for approval.
 - 1) The project does not include any In-house work by PUD forces and there is no extension to the public water or sewer mains. These projects may require cost estimates for water meters and/or sewer connection fees.
 - 2) The project includes work on the water or sewer main line by PUD forces, such as installation of a tap on a water main. No contractor work is involved in the utility construction of the public water or sewer system. This will be an **In-house project**.
 - 3) The project includes an extension of the public water and/or sewer main by an approved utility contractor. This project will require a contract between the developer and Athens-Clarke County. This is a **Contract project**.
- b. **In-house projects** require submission of 4 sets of drawings for the approval process (1 complete set of site plans and 3 partial sets). The partial sets include the cover page, all plan and profile of utilities, and the utility details. Erosion and sediment control drawings and details are not required in the partial sets.
- c. All construction estimate costs for In-house projects must be paid by the developer prior to PUD scheduling work.
- d. **Contract projects** require submission of 8 sets of drawings for the approval process (1 complete set of site plans and 7 partial sets). The partial sets include the cover page, all plan and profile of utilities, and the utility details. Erosion and sediment control drawings and details are not required in the partial sets.
- e. All construction estimate costs and inspection fees must be paid and the contract signed by the developer, reviewed by the PUD Director, and signed by the Mayor prior to construction. The Utility Contractor must contact PUD inspector before construction on the water or sanitary sewer project can begin.
- f. Utility contractors must be on PUD's Approved Contractors List to work in Athens-

Clarke County. This requires a current Utility License and proof of current general liability and workmen's comp insurance.

- g. Electronic submittals for final plans are required at the Planning Department for permitting. PUD can accept electronic documents in pdf or dwg formats. However, electronic documents are not to be substituted for the 4 sets or 8 sets requirements for approved plans.

Section 1.06 Utility Easements and Plats

- a. All components of the public water and sanitary sewer mains including pipelines, valves, hydrants, meters, manholes, etc., must be physically located in the roadway, street, public right of way or in an easement granted to PUD.
- b. Permanent easements for water and sanitary sewer will typically be 20 foot wide centered on the utility line. Easements for parallel water and sewer mains will be 30 feet wide centered with 10 foot separation between the mains. Water and sewer mains that are deep may require additional width in the permanent easement.
- c. Temporary construction easements will typically be an additional 10 feet on both sides of the permanent easement.
- d. Easements with locked gates are allowed as long as PUD is supplied with a key, and fence and gate must be perpendicular to the utility line direction.
- e. The easement plat must be reviewed and approved by PUD then recorded at the Clerk of the Superior Court of Athens-Clarke County. Next, the easement document, after review and approval by PUD, will be recorded with the Plat Book and Page number included from the Plat. The recorded plat and easement documents must be sent to PUD digitally. All other documentation including Title Opinion, Owner's Affidavit, and Record Drawings as Built (5 sets) must be submitted by hard copy to PUD. A Consent of Lender may be required for easements valued above \$15,000.00. All easement documentation must be submitted and all fees paid prior to a letter of acceptance, issuance of certificate of occupancy, or setting the water meter(s).
- f. Should existing platted and recorded easements for water and sewer lines not accommodate the existing water and sewer lines as needed, the easement may be exchanged with the property owner to accommodate planned construction. PUD will determine if the relocation will not impede the ability to exercise all of the powers and property interests granted in the original easement.
- g. If the relocation is requested by any party other than PUD, the owner of the property will be responsible for the field survey and preparation of the deeds and plats as necessary along with all related costs.
- h. Easement Documents: Entities having ownership must sign the easement as stated below:
 - 1) Corporations – Georgia law requires that documents transferring interest in

real property must be signed by the president or vice president of the corporation and be attested by the secretary or treasurer of the corporation or have the corporate seal affixed.

- 2) Limited Liability Companies – Georgia law requires that documents must be signed by a member.
 - 3) Limited Partnership – Georgia law requires that documents must be signed by the general partner. If the general partner is a corporation, set up the “by” signature block in accordance with laws for corporations.
 - 4) General Partnership – Georgia law requires that documents must be signed by every partner.
 - 5) Trusts – Georgia law requires that documents must be signed by every trustee for the trust.
 - 6) Individuals – Georgia law requires that documents must be signed by every individual holding title exactly as each took title.
 - 7) Every signature on a document must be witnessed by an unofficial witness and notarized. Notary’s seal must be affixed.
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- i. PUD reserves the rights to increase the easement requirements based on site specific issues such as extra depth or steep surface topography.
 - j. No permanent structures or trees are allowed in permanent sewer easements, or within five feet of existing or proposed sewer laterals.

Section 1.07 Contracts

- a. Developer/Owner is required to submit current Articles of Incorporation to PUD for creation of the contract.
- b. The contract will include all costs for work performed by PUD forces on the project.
- c. The contract will include all inspection costs for proposed extension to the water and/or sanitary sewer main systems. The water main extension inspection fee is \$0.65 per foot. The sanitary sewer main extension inspection fee is \$1.50 per foot.

Section 1.08 Record Drawings (as built)

- a. Record Drawings must be sharp, clear, clean, legible, and submitted both on hard copy and digitally as pdf or dwg files. See section h.1 below.
- b. Record Drawings must be stamped by a Professional Engineer currently registered in the State of Georgia.
- c. Record Drawings shall include a site plan with utility lines in plan view as well as a profile view of sanitary sewer lines and any supplemental or shop drawings as may be

- required by PUD. The Record Drawings should be based on the approved drawings plus any approved field changes or change to approved noted.
- d. Unless noted otherwise, Record Drawings shall provide dimensions, distances, and coordinates to the nearest 0.1 foot.
 - e. Unless noted otherwise, Record Drawings shall provide elevations to the nearest 0.01 foot for all pertinent items constructed by the Contractor.
 - f. The Contractor shall employ a currently registered surveyor to prepare the Record Drawings from a post construction, field run survey. The Record Drawings shall provide elevations to the nearest 0.01 foot for all manhole inverts, manhole frames and other pertinent items constructed by the Contractor. The Record Drawings shall provide dimensions, distances, and coordinates to the nearest 0.01 foot and horizontal angles to the nearest 10 seconds.
 - g. Other required information:
 - 1) Any changes in dimension and detail.
 - 2) Details not on original drawings such as added dog house manholes, added casing details, or other detail added in the field.
 - 3) Horizontal and vertical locations of all exposed and underground utilities and appurtenances, both new facilities constructed and those utilities encountered, referenced to permanent surface improvements.
 - 4) Location of and dimensions of roadways and parking areas, providing dimensions to back of curb when present.
 - 5) The locations shall be referenced to at least two easily identifiable, permanent landmarks (e.g., fire hydrants, valve markers, etc.) or benchmarks.
 - 6) For each fire hydrant, include the manufacturer, year, barrel diameter, and nozzle diameters.
 - 7) The Record Drawings shall include the horizontal angle and distance between manhole covers.
 - h. Record Drawing Deliverables
 - 1) Provide an electronic copy of record drawings to ACC in AutoCAD 2000 (dwg.) or later format.
 - 2) Electronic file shall be in Georgia State Plane Coordinates, NAD 1983 West FIPS 1002, feet.
 - 3) Format shall include the following features:
 - 4) Water Main- Polyline/continuous
 - 5) Water system appurtenances- single point
 - 6) Sewer Main- Polyline/continuous
 - 7) Sewer manholes and appurtenances- Single Point

- i. Drawing layers shall be:
 - 1) FH- Fire hydrant
 - 2) WV- Water valve
 - 3) FDC- Fire Department Connection
 - 4) WL- Water Line
 - 5) Vault
 - 6) Meter
 - 7) Fittings (tees, crosses, taps)
 - 8) SSMH- Sanitary Sewer Manhole
 - 9) SSL- Sanitary Sewer Line

Section 1.09 EPD Required Notes for Approved Plans

- a. Include a statement whether the sewers cross a jurisdictional wetland. If so, indicate that the Corp of Engineers requirements concerning wetlands are met.
- b. Include a statement that all unsuitable excavated material must be properly disposed of in a manner acceptable to the Athens-Clarke County Government and in a manner that will not adversely impact the environment.
- c. Include a statement that bypassing of raw wastewater onto the ground or into a receiving stream is prohibited by law.
- d. Include a statement that all construction will comply with the Department of Labor Occupational Safety and Health Administration, 29 CFR Part 1926, latest edition.
- e. Include a statement that none of the sanitary sewers, water mains, services, or any other utilities associated with this project are constructed or proposed to be constructed on a solid waste landfill.

Section 1.10 PUD Required Notes for Approved Plans

- a. All water system construction shall be in accordance with Athens-Clarke County Standard Specifications for Water Main Construction and Details, latest edition.
- b. Contractor to field verify depth of existing water main.
- c. Contractor's licensed plumber to coordinate the location of water service lines with private service lines from the buildings.
- d. All domestic water service lines shall be in accordance with Athens-Clarke County Plumbing Code.
- e. Erosion and sediment control measures shall be installed prior to any other construction on the site and shall be maintained until a permanent ground cover is established.
- f. The Contractor shall coordinate all utility installations.

- g. Existing underground utility locations as shown should be considered approximate and may not be complete. Underground utilities as shown are based on information provided by the utility owners. It shall be the Contractor's responsibility to field locate all underground utilities. Any damage to such utilities shall be repaired at the Contractor's cost and per the utility specifications.
- h. The Contractor shall field verify location and depth of existing water lines and sanitary sewer lines prior to construction and report any discrepancies to the design engineer/firm.
- i. The Contractor shall notify the Athens-Clarke County Engineering Inspector 24 hours prior to beginning construction.
- j. Prior to performing any land disturbing activities or when work is to be performed within 10 feet of high voltage overhead power lines, the contractor is required by law to notify the Utility Protection Center at 1-800-282-7411 or by calling 811. 72 hours advanced notice is required.
- k. Taps on the existing waterline for new water main extensions shall be performed by PUD at the developer's expense.
- l. Pipe bedding shall be in accordance with PUD specifications and details.
- m. Thrust blocks shall be placed on the water line at all the plugs, tees, and bends 11.25° and greater.
- n. Disinfection of water mains and disposal of heavy chlorinated water shall be in accordance with AWWA standard C651-05.
- o. All sanitary sewer and water main construction shall be performed in accordance with AWWA standards and accordance with PUD Standard Specification for Sanitary Sewer Line Construction and Details, latest edition. All water and sanitary sewer construction contractors must be on PUD's approved contractors list with a current utility license and current insurance for workman's comp and liability.
- p. All PVC materials and plastic service lines shall bear the National Sanitation Foundation Seal of approval for potable water service and be on PUD's approved materials list.
- q. Any open road cuts must be permitted at the appropriate government authority and must be resurfaced per ACC requirements and details.
- r. Water service line materials and installation must be on PUD's approved materials list and be in conformance with PUD requirements.
- s. All proposed fire hydrants are to be located 2' behind sidewalks unless otherwise noted.
- t. All sanitary sewer mains shall be SDR 26 PVC or cement lined ductile iron pipe (DIP) unless otherwise specified on plans. Maximum fill on SDR 26 PVC is 15 feet. Minimum cover is 4 feet. More than 15 feet or less than 4 feet of cover requires sewer line to be DIP.
- u. All sewer service laterals shall be SDR 26 PVC or DIP.

- v. All water meters shall be installed/set by PUD at Owner/Developer's expense unless otherwise specified on the approved plans. Developer must fill a separate Water and Sanitary Sewer Application at the Building Inspection Department for all connections made to the public water or sanitary sewer systems. For additional information please contact the Building Inspection Department at 706-613-3520.
- w. Charges to Establish Water and Sanitary Sewer Services are paid at the Building Inspection Department. Please contact PUD Engineering Management for any additional information at 706-613-3490.

Section 1.11 Water Metering Requirements and Connection Fee

- a. Water connection fees are based on the water meter size per structure on a parcel.
- b. Water connection fees may not be waived or refunded.
- c. PUD charges a meter fee (cost of the meter), a stub fee (cost of connecting to the main water line), and a connection fee.
- d. Irrigation meters may be $\frac{3}{4}$ inch or 1 inch. The fee is the same as a domestic water meter. However, sewer charges are not included. The water rate charge for irrigation meters is set at Tier 4 pricing.
- e. Each individual parcel of property to be served by the PUD water distribution system must have an existing water main located within the frontage of said property. Said parcel must be served through its own individual connection and individual water meter from PUD. Master meters will not be allowed to serve projects or developments which have been subdivided into more than one parcel or property.
- f. In addition, each structure (building) as a minimum, must be served by its own individual connection to the public owned water system and through its own individual water meter. Certain types of buildings may be exempt from this requirement, if approved by the Public Utilities Director (i.e., material storage building, etc.). This type exemption is to be based on a review and finding that the building type and the land development pattern are such that the subdivision of the property, at some future date, will not occur or would not result in the subject structure being located on its own individual parcel or property.
- g. Each unit in apartment complexes, condominiums developments (residential and retail), and commercial/industrial developments must be individually metered with private or public meters per Georgia State Law. If private meters are used, each structure (building) as a minimum, must be served by its own individual connection to the public owned water system and through its own individual public water meter. If each individual unit is metered with a public meter, a master meter is not required.
- h. All existing structures provided water service by an individual well or other private water service, and are now desirous of obtaining water service from PUD, must as a minimum, obtain a plumbing permit from the Athens-Clarke County Building Permit

and Inspection Office, and install a reduced pressure backflow preventer. All new structures desirous of obtaining water service from PUD, must obtain a plumbing permit from the Athens-Clarke County Building Permit and Inspection Office and install a back-flow preventer.

- i. All water services for duplex and/or triplex developments will be sized to provide a minimum of seventeen (17) gallons per minute per unit. A minimum requirement of a one-inch water meter and stub for a duplex structure, and a 1-1/2 inch water meter and stub for a triplex structure is hereby established.
- j. Connection fees for duplex and triplex developments will be the sum of individual connection fees as if each unit within the duplex or triplex has been individually metered. The connection fee for a duplex dwelling will be the connection fee for a single-family dwelling multiplied by two. The connection fee for a triplex will be the connection fee for a single-family dwelling multiplied by three.
- k. Fire protection cannot be provided through a master domestic water meter. All fire hydrant service must be provided through direct connections with the Public Water System. Privately owned fire hydrants must be painted yellow in color to designate same from Public water system hydrants.

Section 1.12 Back Flow Preventer Program

- a. The Cross Connection Control (Isolation) Program will be enforced per the currently adopted plumbing code. The Containment Program will be enforced per the ordinance adopted on May 6, 1986. (Municode §5-3-60 and 5-3-61). The Containment Program was devised to protect the Athens-Clarke County public water system.
- b. All new water services to the system must meet the program requirements at the time of occupancy or use begins.
- c. Any structures or services that are added to, altered, or remodeled greater than 50% must meet the requirements of the program before work is completed on the project.
- d. Single and double family homes are not included at this time, unless they have an irrigation system, or other potentially hazardous process on the property or an alternative water supply.
- e. Existing services not included in paragraphs b, c, or d will be surveyed and prioritized according to degree of hazard and required to meet the Containment Program on that basis. It is noted that the Isolation Program will not be required on these services unless a safety hazard exists.
- f. Any back flow device must be installed adjacent to and downstream of the metering point (the point of receiving service). All back flow preventers and lines beyond the water meter are the responsibility of the property owner. Exceptions may be granted by the Cross Connection Coordinator to locate the back flow device within a structure.
- g. Any user with water contaminating materials on their property, or with contaminating

- materials used in any process by the user, must use the Reduced Pressure Zone (RPZ) backflow preventer for containment protection requirements.
- h. All other domestic users (except in paragraph g) must use the Double Check Valve backflow preventer for containment requirements.
 - i. Fire Protection systems shall use detector devices. Class 1, 2, and 3 shall use Double Detector Check Valve backflow preventers and any systems that have contaminants used shall use RPZ Detector backflow preventers for containment requirements.
 - j. Irrigation services of one (1) inch and less may use a Double Check Valve backflow preventer, if no chemigation is used at any time in the irrigation system.
 - k. Irrigation systems of any size that use any type of chemigation (permanent or temporary) shall use a RPZ backflow preventer for containment.
 - l. Domestic and irrigation systems that use alternate sources of water shall use a REDUCED PRESSURE ZONE backflow preventer for containment requirements.
 - m. Every service on the public water system shall be reviewed for program requirements in order of potential hazard as prioritized.
 - n. Any person who performs tests, repairs, or maintains a backflow device shall be certified under guidelines acceptable to the Cross Connection Coordinator.
 - o. Any person who installs a backflow preventer must be a Georgia licensed plumber, hold a certificate of competency for fire suppression systems from the state of Georgia, or be a certified backflow prevention device specialist.
 - p. Any gauge or instrument used to test a backflow device shall be calibrated annually and a record of calibration shall be submitted to the Cross Connection Control Coordinator.

Section 1.13 Sanitary Sewer Connection Fees

- a. Sewer connection fees are based on the water meter size per structure on a parcel.
- b. Sewer connection fees may not be waived or refunded.
- c. Each parcel of property to be served by the PUD sanitary sewer system must be served by its own individual connection sewer service line and/or stub to the public system.
- d. Connection to the PUD sanitary sewer system through a private sewer line and/or stub, which provides service to more than one parcel is considered a joint-use stub and is prohibited.
- e. Each individual parcel of property to be served by the PUD sanitary sewer system must have an existing sewer main located within the frontage of said property. Said parcel must be served through its own individual connection stub.
- f. Joint use stubs that serve more than one parcel are not allowed. Multiple structures on a single parcel may have a single stub connected to the sewer main.
- g. The sewer connection fee for each separate building within a condominium or

apartment complexes with four units and greater will be the sum of the individual connection fees (as if the units had been individually metered) times a factor of 0.60. For example, the connection fee for an apartment complex with 10 units would be the connection fee for a single-family dwelling x 10 units x 0.60 equivalence factor. The purpose for the equivalence factor is to recognize different water use patterns on multi-family developments.

Section 1.14 Connection Required to Sanitary Sewer Line

- a. All houses, buildings, or properties used for human and/or animal occupancy, employment, recreation, or other purposes, situated within Athens-Clarke County and abutting on any street, alley, or right of way in which there is now located, or may in the future be located, a public sanitary sewer is required at the owners expense to install suitable toilet facilities.
- b. Connection to the public sanitary sewer facility is required if the public sewer is within 200 feet of the property line per Georgia EPD requirements.

Section 1.15 Sanitary Sewer Lines

- a. All publically owned sanitary sewer lines shall be 8 inches or greater in diameter and have manholes at each change in direction or grade.
- b. These lines must be constructed to PUD standards and specifications and must be inspected by PUD Inspectors to ensure compliance. All sanitary service connection lines and/or stubs and will be inspected by the Building Inspection Department.
- c. The following identifies the minimum and maximum grades acceptable for all sanitary sewer lines:

Pipe Diameter (Inches)	Minimum Grade (%)	Maximum Grade (%)
8	0.5	15.0
10	0.4	10.0
12	0.3	10.0
15/16	0.25	8.0
18	0.22	6.0
20	0.20	5.0
24	0.15	4.0

- d. Ductile Iron Pipe sewer mains shall have mechanical joints when used in all casings, under storm ditches, suspension from bridges, and on all fittings that change direction.
- e. Sewer lines that traverse and/or serve more than one parcel must be owned by Athens-Clarke County. Sewer lines within the limits of a single parcel intended to serve multiple structures and/or multiple individually owned units on a single land parcel (i.e. residential or office condominiums, multiple structure apartment complexes, etc.) may be privately owned and a minimum of 6 inches in diameter. However, the sewer must be constructed to PUD standards (easement conveyance for these private lines is not required) and inspected by PUD, if such lines are to be tied to the public system. Each structure (building) must be connected to a public sewer main or PUD approved private sewer line by its own individual stub.

Section 1.16 Sewer Sampling of Industrial Wastes (§ 5-1-7)

- a. Athens-Clarke County has the right to enter the facilities of any industrial user to ascertain whether the permit or order issued is being met, and whether the industrial user is complying with all wastewater discharge requirements. Industrial users shall allow the public utilities director or his representatives ready access to all parts of the premises for the purposes of inspection, sampling, records examination and copying, and the performance of any additional duties.
- b. Where an industrial user has security measures in force which require proper identification and clearance before entry into its premises, the industrial user shall make necessary arrangements with its security guards so that, upon presentation of suitable identification, personnel from Athens-Clarke County, state, and EPA will be permitted to enter without delay, for the purposes of performing their specific responsibilities.
- c. Athens-Clarke County, Georgia EPD, and EPA shall have the right to set up on the industrial user's property, or require installation of, such devices as are necessary to conduct sampling and/or metering of the user's operations.
- d. Athens-Clarke County may require the industrial user to install monitoring equipment as necessary. The facility's sampling and monitoring equipment shall be maintained at all times in a safe and proper operating condition by the industrial user at its own expense. All devices used to measure wastewater flow and quality shall be calibrated per the manufacturer's specifications, at least semiannually to ensure accuracy.
- e. Any temporary or permanent obstruction to safe and easy access to the industrial facility to be inspected and/or sampled shall be promptly removed by the industrial user at the request of the Public Utilities Director and shall not be replaced. The costs of clearing such access shall be borne by the industrial user.
- f. Unreasonable delays in allowing Athens-Clarke County personnel access to the industrial user's premises shall be a violation of municipal ordinance per Municode (§

5-1-7-(5).

- g. Where Athens-Clarke County holds a recorded easement, duly authorized employees of Athens-Clarke County bearing proper credentials and identification shall be permitted to enter all private properties for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair and maintenance of any portion of the sewage works lying within the easement. All entry and subsequent work, if any, within the easement limits shall be performed in such a manner to return the easement limits to its original condition.
- h. While performing the necessary work within easement limits on private properties referred to in this section, duly authorized employees of Athens-Clarke County shall observe all safety rules applicable to the premises established by PUD, Georgia EPD and/or EPA.

Section 1.17 Participation by PUD in Sewer Development

- a. PUD may desire to install a larger sized sewer main to serve future upstream development. The extra cost associated with increasing the pipe size beyond that required to serve a particular project shall be paid by PUD under a participation agreement. The conditions relating to method of payment will be negotiated by PUD on a case-by-case basis.

Section 1.18 Athens-Clarke County Supplementary Powers

- a. ACC may provide development, storage, treatment, purification, and distribution of water and sanitary sewer service collection and treatment for portions of neighboring counties or municipalities, but only under contract with said municipality or county affected approved by the Mayor and Commission. (Municode §1-18-1)
- b. Project site plans for developments in other municipalities or counties that are to be located in an area under contract to be served by PUD water or sewer systems, must be approved by PUD for water or sanitary sewer service.
- c. All water mains and sanitary sewer mains connected to the PUD public system must meet all of the requirements and specifications of Athens-Clarke County including materials, design, installation, disinfection, and testing.

Section 1.19 Force Main Sewer Connections (§ 5-1-2(a)(5))

- a. It shall be unlawful for any person, without the consent of the Mayor and Commission, to connect to the PUD public sanitary sewer system by means of any force main from a pumping facility or apparatus. One-family residences and duplexes containing two-family units do not require Mayor and Commission approval.

- b. Requests for force main connection approval must be submitted in writing to PUD.
- c. Requests for connection of a force main shall be accompanied by detailed plans and specifications of the proposal together with any other pertinent information required by PUD.
- d. The force main pumping system and apparatus will be owned by the parcel owner, and all maintenance is the responsibility of the parcel owner. PUD will not take ownership of the system.
- e. The effluent from all pumping systems will enter the public system from a private manhole on private property that then enters the public sanitary sewer system by gravity. No effluent will be allowed to be pumped directly into the public sanitary sewer system under pressure or force from the pumps.

Section 1.20 Contractor Warranty Obligation

- a. The general contractor performing the initial utility line extensions is responsible for a one year warranty period commencing with the date of written acceptance of same by PUD. All repairs performed under the warranty provision shall be the responsibility of the contractor and made entirely at the contractor's expense.
- b. Emergency warranty repairs which require the immediate attention of the general contractor, as determined by the Public Utilities Director, shall be performed within the same day of notification with actual repair commencing within two (2) hours from time of actual notification and completed within a maximum of 24 hours.
- c. Repairs that are non-emergency in nature, as determined by the Public Utilities Director, must be repaired by the general contractor within five working days to PUD's satisfaction.
- d. Failure by the general contractor to respond in a manner acceptable to the Public Utilities Director and within the time frames identified will result in the general contractor being placed on probationary status for a six-month period. At the end of said six-month probationary period, the general contractor can request reinstatement to permanent status.
- e. Any repetition of a failure to respond to an emergency repair request within any given six-month time frame will result in the general contractor being removed from PUD's list of qualified contractors for a one year period. At the end of said one year period, the general contractor can submit a written request for reinstatement on a probationary basis for a six-month time frame. At the end of said six-month probationary period, the contractor can request reinstatement to a permanent status.
- f. Should the general contractor be unable to perform the necessary repairs within the guidelines of this policy statement, the following action will be taken:
 - 1) The Public Utilities Director will direct PUD forces to make the necessary repairs.

- 2) A cost determination will be made as to the actual expense incurred by PUD to make said repairs. The contractor will be responsible for reimbursing PUD 200 percent of said cost. Failure by the contractor to reimburse PUD in the amount established within 30 working days will result in the contractor's immediate removal from the city's list of approved contractors for one year beginning no later than the date of actual remittance for cost incurred. Upon expiration of said one-year period, the contractor can request reinstatements on a probationary basis for six months.
- 3) All repairs must be performed in compliance with the PUD standards and procedures.
- 4) The appropriate PUD representative must be notified prior to the commencement of any warranty work repairs.
- 5) The general contractor performing the warranty work repairs is responsible for obtaining the appropriate permits and any associated fees. GDOT permits will be handled as shown above.

Section 1.21 One Lot Removed from Water and Sewer

- a. Each individual parcel of property to be served by the Public Water and/or Sanitary Sewer System must have an existing water main and/or sanitary sewer line located adjacent to said property. In addition, each individual structure within said parcel, must be served through its own individual water and/or sewer connection and be individually metered from the Public Water System.
- b. All requests for exceptions to the requirements as stated in this section must be accompanied by the following information:
 - 1) A notarized affidavit from the owner of the parcel that will be granting the easement.
 - 2) Letter from the property owner requesting exception consideration, transmitting this information to the Public Utilities Director, acknowledging all provisions as outlined in this section.
 - 3) Documentation to substantiate the subject property was a lot of record as of February 7, 1992.
 - 4) Agreement by the granting property owner to install a backflow device, as approved by the Plumbing Inspector for ACC, adjacent to the requested water meter.
 - 5) Only one water stub and/or sewer stub per parcel will be considered under the provisions of this exception. In addition, there cannot be other individual parcels of property located geographically between the parcel for which the exception is requested, unless the intermediate parcel has frontage on the

Public Systems. Parcels requesting additional services and/or parcels outside the definition of this policy will warrant and require the extension of a public main.

- 6) After the approval by the Mayor and Commission the recorded easement conveyances, in a form acceptable to the Clerk of Superior Court, Athens-Clarke County, Georgia will be required. No easement will be allowed to cross a public street or right of way relative to any proposed private service(s).
- c. If the parcel in question is one of a series of parcels that are one lot removed, an exception will not be granted. An extension of the public water main will be required.
- d. Additional requirements must be met when one owner owns both lots.

END OF ARTICLE