

RESOLUTION NO. 92-189

A RESOLUTION OF THE ST. JOHNS COUNTY,
FLORIDA BOARD OF COUNTY COMMISSIONERS
APPROVING THE WATER AND WASTEWATER DESIGN
STANDARDS AND SPECIFICATIONS MANUAL PREPARED
BY THE ST. JOHNS COUNTY UTILITY DEPARTMENT
FOR COUNTY OWNED AND/OR OPERATED WATER AND
SEWER UTILITIES.

WHEREAS, the St. Johns County Utility Department has implemented uniform design standards and specifications not only for wastewater systems, but also for water systems for more than five years;

WHEREAS, many contractors and engineers in St. Johns County have requested the County Utility Department to issue a manual containing the uniform water system and wastewater system design standards and specifications;

WHEREAS, the St. Johns County Comprehensive Plan requires the adoption of standards and procedures for the construction, operation and maintenance of wastewater treatment plants (see G.2.3.7);

WHEREAS, the Board of County Commissioners has requested all County departments to submit such regulations to the Board of County Commissioners for adoption by resolution,

NOW THEREFORE, BE IT RESOLVED BY THE ST. JOHNS COUNTY BOARD OF COUNTY COMMISSIONERS as follows:

Section 1. The Water and Wastewater Design Standards and Specifications Manual (Manual) attached hereto as exhibit A is hereby adopted by the Board of County Commissioners for application to all water and wastewater systems owned and/or operated by St. Johns County through the St. Johns County Utility Department.

Section 2. The design standards and specifications for water and wastewater systems contained in the Manual may be changed or amended from time to time by resolution of the Board of County Commissioners.

Section 3. This Manual shall be used in conjunction with the St. Johns County Utility Ordinance as it may be amended from time to time.

Section 4. Copies of the Manual may be purchased from the St. Johns County Utility Department for a reasonable fee.

Section 5. The Manual shall be effective as stated herein immediately upon adoption of this resolution.

ADOPTED this 10 day of November 1992.

BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA

By: *LL Bickel*
Its Chairman

ATTEST: CARL "BUD" MARKEL, CLERK

By: *Patricia DeBlonde*
Deputy Clerk

MANUAL OF DESIGN STANDARDS

GENERAL COMMENTS

SUMMARY

INTENT: To establish a comprehensive standard document, consistent with the current minimum applicable regulation, design standards and specifications for both public and private water and wastewater systems within the jurisdiction of St. Johns County.

DEVELOPMENT: A total of five (5) existing water and wastewater design standards from the following counties were reviewed for compatibility and acceptable engineering/construction practices within the utility industry:

- o Orange County - FL
- o Lake County - FL
- o Indian River County - FL
- o City of Jacksonville - FL
- o Lowndes County - GA

INDEX: The manual consists of twenty-six (26) sections and is divided in four (4) major parts as follows:

- Part I - Design Standards
- Part II - Material & Installation Specifications
- Part III - General Construction Requirements
- Part IV - Standard Drawings

REVIEWS AND WORKSHOP SESSIONS:

- o A total of forty (40) draft copies were distributed in December of 1991 to engineering firms, utility contractors and private utilities requesting for their review comments and general input.
- o In addition all department heads of St. Johns County Administration including the County Engineer were provided a copy. Review comments from the St. Johns County Public Health Unit were also provided.
- o Three (3) review presentations were held with the Water and Sewer Authority of St. Johns County.
- o In depth, detail reviews with the attorney, of the Water/Sewer Authority were held. Additional reviews were provided by the Assistant County Attorney.
- o Camp, Dresser & McKee provided general engineering support.

ADVANTAGES OF STANDARDS:

- o Uniform approach to design and construction of utility systems.
- o Cost reduction in preparation of design and specification documents for individual projects.
- o Reduces time in reviewing plans and specs.
- o Optimization of warehouse material inventory.
- o Quality Assurance/Control, inclusive of future option of incorporating when manual is adopted for private utilities at a later date.

NOTE: The standards and specifications set forth in this manual apply to both private and public new utility systems, however, the adoption by the Board of County Commissioner on November 10, 1992 shall apply to County owned and/or operated systems only.