

WATER SUPPLY PLANNING

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Statutory Framework for Water Supply Planning

- Florida Water Plan - FDEP
373.036(1) F.S.
- District Water Management Plans (DWMP)
373.036(2) F.S.
- Regional Water Supply Plans (RWSP)
373.709 F.S.
- Link to Land Use Planning
163.3177 F.S.

Framework (cont.)

- District Water Management Plans 373.036(2) F.S.
 - Addresses water supply, water quality, flood protection and floodplain management and natural systems within each WMD
 - 20 year planning period, update every 5 years
 - Cooperation with other agencies, regional water supply authorities, other units of government
 - The governing board is required to hold a public hearing at least 30 days before completing the development or revision of the water management plan.

Framework (Cont.)

District Water Management Plans must include:

- MFL's and scientific methodologies for establishing minimum flows/levels under §373.042 F.S.
- Water supply planning regions
- District wide water supply assessment
- Present and future needs and sources assessment
- RWSP's 373.709 F.S. already approved
- Technical data and information prepared under §373.711 F.S.

Framework (cont.)

Regional Water Supply Plans 373.709 F.S.

- Required in any regional water supply planning region where supplies are not adequate to meet demand for all existing and future reasonable – beneficial uses and to sustain water resources and related natural systems for 20 year planning period for all existing and future uses
- Areas known as Priority Water Resource Caution Areas
- RWSP must be reevaluated every 5 years

Framework (cont.)

- Developed in cooperation with local governments, RWSA's, utilities and other affected parties
- Local governments not obligated to choose options in plan
- Can't be used in permitting unless adopted by rule
- Decision that a RWSP is not needed is subject to challenge pursuant to §120.569, F.S.

Framework (Cont.)

Regional Water Supply Plans 373.709 F.S. (Cont.)

RWSP must include:

- Water supply development component
- Water resource development component
- MFL's and recovery and prevention strategies (§373.0421(2), F.S.)
- Water reservations (373.223(4), F.S.)
- Funding strategy for water resource development projects

Framework (Cont.)

Regional Water Supply Plans 373.709 F.S. (Cont.)

RWSP must include:

- Consideration of how water supply development components serve public interest.
- Technical data and information applicable to each planning region.
- MFL's established for water resources within each planning region.

Framework (Cont.)

Regional Water Supply Plans 373.709 F.S. (Cont.)

RWSP must include:

- Identification of surface waters or aquifers for which MLF's are scheduled to be adopted.
- Analysis developed in cooperation with the department, of areas in which the variance provisions of §378.212(1)(g) or §378.404(9) may be used to create water supply development or resource projects.

Framework (cont.)

- Regional Water Supply Plans 373.709 F.S. (cont.)
- Water Supply development component includes:
 - Quantification of needs
 - List of water source options: traditional/alternative
 - For each project option 1) an estimate of the amounts of water to become available; 2) time frame for implementation and estimated planning-level costs; 3) an analysis of funding needs and sources; and 4) Identification of the entity that should implement each project option and the current status of project implementation.

The Water Supply Plan's Comprehensive Plan Requirements:

- Coordinate Comp Plan with WMD's regional water supply plan (§163.3177(4)(a), F.S.)

The Water Supply Plan's Comprehensive Plan Requirements:

- Base land use plan upon availability of water supply (§163.3177(6)(a)2.d., F.S.)

The Water Supply Plan's Comprehensive Plan Requirements:

- Revise Conservation Element (§163.3177(6)(d))
- Revise intergovernmental coordination element (§163.3177(6)(h)1., F.S)
- Evaluate progress in its Evaluation and Appraisal Report (§163.3191(2), F.S)
- Revise Infrastructure Element (§163.3177(6)(c), F.S.)

The Water Supply Plan's Comprehensive Plan Requirements:

- Key Provisions – within 18 months of RWSP adoption, local government must:
 - Incorporate projects into Element
 - Identify alternative, traditional supply projects, conservation and re-use necessary to meet water needs
 - Adopt ten year work plan

The Water Supply Plan's Concurrency Requirements:

- Address land use and water supply plan concurrency requirements (§163.3180(2), F.S.)
- Amend as necessary