Lower West Coast Plan and the 10-Year Work Plan

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Linking Growth with Water Availability

- 18-month time deadline for the 10-year work plan and related comprehensive plan amendments is January 12, 2008 EXCEPT Charlotte County which is due by May 30, 2008

- Local Governments must submit to DCA:
  - 10-Year Water Supply Facilities Work Plan
  - Proposed amendments to Capital Improvement Element (CIE)
  - Update projects in Potable Water Element

Also New for Comp Plans

- Identify water supply sources for entire planning period - 163.3167(13)
- Base future land uses on availability of water supplies & facilities - 163.3177(6)(a)
- Ensure concurrency of water supply at building permit stage - 163.3180(2)(a)
- Report on 10-year work plan project implementation in EAR - 163.3191(2)(l)

Points to Address in Amending Comprehensive Plans

- Is source availability determined?
- Water supplier commitment?
- Does the analysis support the future demands of the amendment?
- Are the necessary facilities included in the Capital Improvement Element?

Emerging Issues

- 10-Year Water Supply Facilities Work Plan Requirements
- Differences in Population Projections
- Appropriateness of Water Level of Service
- Consistency in Demand Projections Between Plans and Permits
- Dealing with Existing “Deficits” in Comprehensive Plans
- Irrigation Water Use Planning

SFWMD Recent Review of Comprehensive Plan Amendments

- RECENT ISSUES
  - Source Availability (Miami-Dade, LaBelle)
  - Planning Period Sources (Highlands)
  - Supplier (St. Lucie: TVC & Cloud Grove)
  - CIE Facility Planning (Hialeah / Miami-Dade)
- 10-YEAR WORK PLANS RECEIVED
  - Orange County (Wekiva)
  - Orlando (Wekiva)

10-Year Water Supply Facilities Work Plan Issues

- Must address all water supply providers within jurisdiction
- Required even if jurisdiction does not provide water
- May require information from two regional water supply plans – possibly two WMDs
- Agreement on future utility service areas

Water Supply Plans Provide Foundation for Linkage

- Water Supply Plans now identify *specific* projects to meet demands for next 20 years
- Appendix B of LWC Plan provides guidance and identifies sources of information needed by local governments
- Local governments incorporate projects into comprehensive plans within 18 months of water supply plans approval

Population Projections

- Conflicting population projections between local plans, permits, and water supply plans
- Local government comprehensive plan future land uses are often <u>not</u> based on population projections
  - This can result in conflicting population projections-whether based on share of state's growth (BEBR) or land-use based
  - Increasing need for local governments to have alternative population projection methodology approved by DCA

Water Supply Level of Service

- No standard exists for water supply Level of Service
- There are many methodologies for calculating per capita water use
- Typical per capita rate that includes all uses may need to be reconsidered
- Separate level of service may be needed for non-residential land use categories

Different Projection Methods

- Water supply plans – permits – local government comprehensive plans typically calculate differently
- The water supply plans are typically based on water used in 2005 for the permanent population
- Consumptive use permits use an average based on the water withdrawn for the most recent five year period

Resolution Of Existing "Deficits"

- Most local comprehensive plans have an existing deficit for water supply source or facility planning that needs to be addressed:
  - At the next plan amendment,
  - At the 10-year water supply facilities work plan stage, or
  - At the EAR & EAR-based amendment stage

Irrigation Water Use Planning

- Irrigation can account for more than 50% of the water supply demands
- Reclaimed water typically not available at sufficient quantities during initial phases of developments
- Isn’t always given the same level of attention as potable water

Technical Assistance to Help Bring the Pieces Together

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- SFWMD website and assistance
  - www.sfwmd.gov/ear