

Evaluation and Appraisal Report
for the Indian River County Comprehensive Plan

Stormwater Management
Sub-Element

**Indian River County Planning and Zoning
Commission EAR Workshop**

September 30, 2008

EAR Components

- Conditions at the time of last major plan update
- Existing conditions
- Analysis of conditions
- Evaluation of objective achievement
- Assessment of policy implementation
- Identification of needed future actions

EAR Existing Conditions

- Drainage improvements completed in Roseland, Gifford, Rockridge, and other subdivisions
- Drainage improvements underway in Vero Lake Estates
- Main Relief Canal water quality project recently completed

EAR Analysis

- Stormwater management systems have been successful in providing flood protection
 - No major flooding caused by recent 100-year storm event (Tropical Storm Fay)
- Negative impacts on lagoon water quality
 - Improve quality of stormwater flowing into lagoon
 - Reduce quantity of stormwater flowing into lagoon

Stormwater Management Sub-Element Objectives and Policies

Objectives Achievement:

- 4 objectives achieved
- 4 partially achieved

Policies implementation:

- 42 policies implemented
- 5 not implemented
- 1 partially implemented

Stormwater Management Sub-Element Objectives

Objective #	Description	Achieved	Not Achieved	Future Action
1	Flood Protection	√ Partially		Revise target date
2	Stormwater Facilities	√ Partially		Revise target date
3	Capital Improvements	√ Partially		Revise target date
4	Intergovernmental Coordination	√ Partially		Revise target date
5	Floodplain Preservation	√		Revise to state county will maintain a CEMP
6	Aquifer Recharge	√		Revise target date
7	Stormwater Quality	√		Revise to state county will adopt TMDLs
8	Land Use	√		Revise target date

Stormwater Management Sub-Element Policies

- Maintain – 37
- Add - 2
- Revise - 11
- Delete - 0

Objective 7

■ Stormwater Quality

Consistent with DCA Rule 9J-5.011(2)(c)(5), the county will adopt Water Quality Level of Service (WQLOS) standards by 2000. WQLOS standards will be based on Pollutant Load Reduction Goals (PLRGs) currently being developed by the SJRWMD.

ACHIEVED: LDR Chapter 930 requires all new/redeveloped stormwater systems to comply with SJRWMD water quality LOS

Recommendation: REVISE to state that the county will adopt TMDLs when established by SJRWMD for Indian River Lagoon

Objective 1

■ Compact Low-Density Development

of Existing Policies – 12

Maintain – 9

Revise – 3

Delete – 0

of Proposed New Policies – 1

Objective 7 – Proposed Revisions

OBJECTIVE	POLICY	REVISION
7	7.10	Revise to incorporate TMDLs once established by the SJRWMD for the Indian River Lagoon.
7	7.11	Revise to incorporate TMDLs once established by the SJRWMD for the Indian River Lagoon.
7	7.12	Revise to state that all new projects over 10 acres must provide littoral zones.

Objective 7 – Proposed New Policies

OBJECTIVE	POLICY	REVISION
6	New	Add new policy to explore the feasibility of developing stormwater parks in the unincorporated county.
7	New	Add new policy to treat runoff flowing into the lagoon by filtration systems.

Questions or Comments

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