

## INFRASTRUCTURE STORMWATER SUB-ELEMENT

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### *GOAL 1*

**The Town will provide an effective stormwater system to minimize property damage and prevent adverse environmental impacts in accordance with the adopted level of service.**

#### **OBJECTIVE 1.1**

**The Town establishes a level of service (LOS) for stormwater.**

##### Policy 1.1.1

Adopt and maintain a 25-yr/24-hr frequency storm drainage system LOS and the water quality standards of Chapters 40D-4, 40 and 400, F.A.C., of the Southwest Florida Water Management District (SWFWMD), as amended, in accordance with the Town's Concurrency Management System.

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#### **OBJECTIVE 1.2**

**The Town will provide a stormwater system that will minimize flooding of streets and will strive to protect property from stormwater. Stormwater systems on Jewfish Key will be owned and maintained privately.**

##### Policy 1.2.1

The current stormwater system will continue to be inventoried and evaluated to identify any areas that currently have flooding problems.

##### Policy 1.2.2

All new development will be required to incorporate stormwater management systems, consistent with applicable state, regional and local laws and regulations, into the site plan.

##### Policy 1.2.3

In compliance with the Town's National Pollution Discharge Elimination System (NPDES) permit, a database will be maintained on the age and condition of town-owned stormwater facilities to aid in identifying and scheduling maintenance and improvements. This program will be coordinated with the Town's Capital Improvements Plan.

##### Policy 1.2.4

The Town will continue to coordinate with other local governments to develop a plan to reduce the levels of untreated stormwater flowing into adjacent coastal waters.

Policy 1.2.5

The Town will encourage the use of all forms of low impact development (LID) stormwater management in site planning, such as minimizing impervious surfaces on site, stormwater re-use, and other technology advances consistent with effective stormwater management.

***GOAL 2***

**The Town will preserve wetlands as natural storage areas and utilize them as part of a stormwater management program, in accordance with the Town adopted level of service LOS.**

**OBJECTIVE 2.1**

**The Town will restrict development in wetlands, and strictly monitor and control development adjacent to wetlands.**

Policy 2.1.1

Development regulations that reinforce the importance of wetlands have been adopted. Development that reduces the ability of wetlands to function as part of the stormwater management system will be restricted.

Policy 2.1.2

The Town will promote public education programs regarding the importance of wetlands in maintaining water quality and storm surge protection.

***GOAL 3***

**The Town will protect and maintain the water quality of adjacent coastal waters.**

**OBJECTIVE 3.1**

**The Town will promote detention and retention treatment of stormwater as a means of maintaining water quality.**

Policy 3.1.1

The Town will educate the public on stormwater quality issues.

Policy 3.1.2

The Town may develop local stormwater regulations to supplement those used by SWFWMD to further protect the adjacent coastal waters, and to reduce runoff rates from upland development.

Policy 3.1.3

The Town will abide by the requirements of its NPDES permit.

### **OBJECTIVE 3.2**

**Before building permits are approved or issued, the Town will require applicants to submit stormwater plans consistent with applicable local and state law.**

#### **Policy 3.2.1**

Required stormwater plans will include a hydrological survey of the site showing natural and manmade stormwater systems, a survey of stormwater systems on adjacent properties that may be impacted by the development, and the calculations used to estimate stormwater runoff.

#### **Policy 3.2.2**

The amount of stormwater discharged from the site after development will not exceed the amount discharged prior to development.

#### **Policy 3.2.3**

Stormwater from new development will not be discharged directly into the Town's adjacent coastal waters, including Sarasota Bay and the Gulf of Mexico unless it has been detained and treated on-site in accordance with local and state regulations.

#### **Policy 3.2.4**

All new development within the Town must comply with the applicable SWFWMD Stormwater Treatment and Storage Regulations.

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### **OBJECTIVE 3.3**

**If it is determined that there are any high or prime aquifer recharge areas within the Town, the Town will coordinate with SWFWMD to develop appropriate protections.**

#### **Policy 3.3.1**

The Town will coordinate with SWFWMD to address appropriate protection for high or prime aquifer recharge areas.