

Comprehensive Plan

Chapter 4

Stormwater

Sub- Element

Goals, Objectives, and Policies

**City of Edgewater
Ordinance No. 2019-O-06**

GOALS, OBJECTIVES AND POLICIES

GOAL 1: The City will provide a stormwater management system designed to protect the public health and environment, and will construct and operate that system in an efficient manner.

Objective 1.1: *Design Storm.* Evaluate the existing drainage system to determine future needs through the 25 year frequency, 24 hour duration storm event and implement improvements to the stormwater management system based on the design storm data.

Policy 1.1.1: *Stormwater Management System Level of Service Standards.* The following Level of Service standards are hereby established for the City's stormwater management system.

- Level A – No significant street flooding
- Level B – No major residential yard flooding
- Level C – No significant structure flooding
- Level D – No limitation on flooding

Policy 1.1.2: *New Development and LOS Standards.* The City will require proposed new developments to provide evidence to show that LOS ratings in stormwater conveyances serving the new development will not be degraded to an LOS lower than currently exists as a result of the new development's construction and stormwater runoff contribution.

Policy 1.1.3: *Meeting Stormwater Management Requirements and Development Permits.* The City will rigorously enforce its subdivision regulations and stormwater management ordinances, and will require all new development to show that all applicable State and Federal stormwater management requirements have been met prior to issuing a development permit.

Objective 1.2: *Concurrency.* Ensure that all new developments include adequate stormwater management facilities to limit post-development runoff to pre-development rates and quantities for the 25 year, 24 hour design storm, and that such facilities are available concurrent with the development.

Policy 1.2.1: *Submitting Plans and Specifications for Stormwater Management.* The City will require developers to submit plans and specifications for stormwater management facilities to the City's engineer for review and approval prior to obtaining a development permit.

Policy 1.2.2: *Protection of Upstream and Downstream Property Owners.* The City will require each new development to construct the stormwater management facilities required to provide adequate protection of upstream and downstream property owners.

Objective 1.3: *Facility Operation and Maintenance.* Provide proper operation and maintenance of existing and future stormwater management system facilities to ensure optimum system performance.

Policy 1.3.1: *Stormwater Management System Operation and Maintenance.* The stormwater management system will be operated and maintained in compliance with applicable local, State, and Federal regulations.

Policy 1.3.2: *Reporting Violations of Stormwater Facility Operating Rules.* The City will promptly report any violations of local, State, or Federal stormwater facility operating rules to the appropriate agency, and shall take immediate steps to correct any violations.

GOAL 2: The City shall plan for the orderly expansion or increase in capacity of the stormwater management system to meet future needs.

Objective 2.1: *Intergovernmental Coordination.* Coordinate with other jurisdictions to avoid duplication of stormwater management facility construction and operating costs by cooperative planning for service provision to future development.

Policy 2.1.1: *Coordination of a Joint Plan and the Gabordy Canal.* The City will continue to work with the City of New Smyrna Beach and with Volusia County toward a joint plan for the efficient utilization of the Gabordy Canal.

Policy 2.1.2: *Stormwater Management System Improvement Priorities.* Priority of improvements to the stormwater management system shall be:

- to protect public health and safety, or eliminate serious pollution problems;
- to enable full use of the existing system, by proper maintenance practices to maximize system capacity; and
- to provide a logical expansion of the stormwater management system within the City.

GOAL 3: The City shall plan for alternative uses of stormwater runoff.

Objective 3.1: *Reuse of Stored Stormwater Runoff.* Promote and consider proposals for reuse of stored stormwater runoff as a supplementary water supply for non-potable uses.

Policy 3.1.1: *Promoting Reuse of Stormwater and Working with Developers.* The City will work with developers to promote reuse of stormwater from stormwater management areas on developing properties as an irrigation water source and supplement to reclaimed water.

Policy 3.1.2: *Promoting Reuse of Stormwater and Working with Existing Developments.* The City will work with existing developments to promote reuse of stormwater from stormwater management areas as an irrigation water source and supplement to reclaimed water.