

GOALS, OBJECTIVES AND POLICIES

Goal 1.0.0. Monitor a stormwater drainage system adequate to protect lives and property.

Objective 1.1.0. Continue to monitor stormwater facilities adequate to satisfy the existing and projected land uses and their intensities depicted on the Future Land Use Map compliant with the latest standards acceptable to the City, the County, the South Florida Water Management District, the Federal Emergency Management Agency and the national Flood Insurance Program.

Measure - Extent of compliance with regulations, as reflected in approved water basin management plans and extend to which levels of service are maintained.

Policy 1.1.1. The City shall continue to rely upon the facilities and personnel of the South Florida Water Management District, the NSID, the CSID, Sunshine Water Control District, Pine Tree Water Control District, Turtle Run Community Development District and the Crossings Homeowners Association to satisfy the water storage and transfer capacities of the system of lakes, canals and pumps that comprise the several drainage utilities.

Policy 1.1.2. The City shall continue to rely on the facilities and personnel of the Public Works' Streets Division to operate and maintain the storm sewers, which convey stormwater from the public streets to the facilities, operated by the several drainage utilities.

Policy 1.1.3. The City shall continue to require the use of pollution retardant structures, which separate oils and greases from runoff for all new project drainage systems.

Policy 1.1.4. The City shall continue to require that the first flush of stormwater runoff generally be retained on site before runoff in excess of the first flush is runoff in excess of the first flush is diverted to surface water or other components of the drainage systems. Retention will use one or more of the following:

1. Where feasible and appropriate, vegetated swales should be used to retain at least the first half-inch of stormwater runoff.
2. In areas where vegetated swales are not feasible or appropriate, at least the first one-inch of runoff should be retained using retention ponds, exfiltration trenches, detention areas or other acceptable techniques.

DRAINAGE SUB-ELEMENT

Policy 1.1.5. The City shall continue to participate in the National Flood Insurance Program, per the Municipal Code, Minimum elevations for construction of buildings in the flood zone will be consistent with the following:

1. First floor building elevations at, or above, the 100-year flood stage, and
2. Roadways and parking lot elevations at, or above, the 10-year flood stage.

Policy 1.1.6. The following level of service standards are hereby adopted, and shall be used as the basis for determining the availability of facility capacity and the demand generated by a development:

Facility/Service Area	Level of Service Standard
Drainage Facilities City-Wide	Design Storm Primary drainage system - 10 – year 1 day storm event. Cumulative rainfall total of 8.0". Secondary drainage system - 3 Cumulative rainfall derived from Florida Department of Transportation (FDOT) Rainfall Intensity -Duration - Frequency Curves for zone 109, copy attached. House pads - first floor building elevations at, or above, the 100-year flood stage, and Roadways - Roadways and parking lot elevations at, or above, at the 10-year flood stage.