
Infrastructure Element Goals, Objectives and Policies

Goal 1: Public utilities capacity shall be provided to adequately serve residents, visitors and business people.

Objective 1 – Correct deficiencies and increase capacity of potable water and sanitary sewer facilities: In general, correct potable water and sanitary sewer system deficiencies and increase potable water and sanitary sewer system capacity in the most cost effective manner possible. This objective shall be made measurable by its implementing policies. [9J-5.011 (3) (b) 1, 2 and 3]

Policy 1.1 – The Town shall continue use of Miami-Dade County Water and Sewer Authority facilities at the Central District Wastewater Treatment Plant on Virginia Key and the Hialeah/Preston Water Treatment Plant or such other Miami-Dade County facilities as may be appropriate.

Policy 1.2 – The Town shall upgrade the potable water distribution system and the sanitary sewer collection system through ongoing maintenance. [9J-5.011 (3) (c) 1]

Policy 1.3 – The Town shall continue to follow the Sanitary Sewer Evaluation Study (SSES) protocols for Phases I, II, and III, including the testing and implementation of improvements/repairs of the collection system.

Policy 1.4 – Projects and programs shall be funded to maintain adequate levels of service.

Policy 1.5 – The Town shall maintain a minimum of a five-year schedule of capital improvements for the expansion and upgrade in the capacity of water and sanitary sewage facilities in accordance with the Water Supply Facilities Work Plan.

Policy 1.6 – The Town shall maintain a the Surfside 20-Year Water Supply Facilities Work Plan, dated November 26, 2008, and shall ensure coordination between land uses and future water supply planning within 18 months of the adoption of the Lower East Coast Water Supply Plan, or its update, as required by Chapter 163, Florida Statute.

Policy 1.7 – The Town of Surfside 20-Year Water Supply Facilities Work Plan is adopted by reference into the Comprehensive Plan. The Work Plan will be updated, at a minimum every five years, concurrent with the update of the Miami-Dade County 20-Year Water Supply Facilities Work Plan.

Policy 1.8 – The Town of Surfside 20-Year Water Supply Facilities Work Plan shall be consistent with the Potable Water Level of Service standards as established in the Comprehensive Plan.

Policy 1.9 – The Town’s 20-Year Water Supply Facilities Work Plan shall guide future expansion and upgrade of facilities needed to transmit and distribute potable water to meet current and future demands. The Town shall research and identify alternative, renewable sources of water to the projected increases in demand.

Policy 1.10 – The Town shall provide for the protection of water quality when using traditional and new alternative water supply sources.

Policy 1.11 – The Town shall identify traditional and alternative water supply projects and the conservation and reuse programs to meet current and future water use demands within the Town’s jurisdiction consistent with the Miami-Dade County 20-Year Water Supply Facilities Work Plan and the South Florida Water Management District’s Water Supply Plan.

Policy 1.12 – The Town shall issue no development order unless the Miami-Dade Water and Sewer Department (MDWASD) certifies that adequate potable water supply is available for new development. The Town shall provide monthly reports to MDWASD, as required, to track the amount of water to be allocated for new uses.

Objective 2 – Correct deficiencies and increase capacity of drainage facilities: Optimize the utilization of water resources through the provision of stormwater management for the Town which reduces damage and inconvenience from flooding, promotes aquifer recharge, and minimizes degradation of water quality in surface water bodies.

Policy 2.1 – For site plan approval, the Town shall require that surface water management systems be designed and operated consistent with the Town’s adopted drainage level of service.

Policy 2.2 – Financially feasible projects and programs shall be implemented in order to maintain adequate level of service standards, and to make preventative improvements to the system.

Policy 2.3 – The Town shall implement the stormwater improvement projects specified in the State of Florida Department of Environmental Protection (DEP) Agreement No. LP6768.

Policy 2.4 – The Town shall construct the Stormwater Treatment Trains and Rehabilitation projects specified in the State of Florida Department of Environmental Protection (DEP) Agreement No. S0374.

Policy 2.5 – The Town shall adhere to the National Pollution Discharge Elimination System-Municipal Separate Storm Sewer System (NPDES-MS4) Permit and shall implement the permit conditions including monitoring of outfalls and improving stormwater management practices.

Policy 2.6 – The Town shall use Best Management Practices (BMPs) in accordance with its regulations and those of the South Florida Water Management District (SFWMD) and DERM.

Policy 2.7 – The Town shall coordinate and cooperate with all applicable local, regional, state and federal agencies relating to the protection and enhancement of the Biscayne Bay Aquatic Preserve.

Objective 3: Maintain sufficient solid waste capacity. The Town shall support Miami-Dade County in its provision of solid waste management facilities available to meet the Town’s short-term and long-term future needs.

Policy 3.1 – The Town shall require in the land development regulations that applicants for development permits demonstrate adequacy of solid waste disposal sites or facilities prior to occupancy.

Policy 3.2 – The Town shall cooperate with Miami-Dade County to further preserve landfill space, examine the need for a comprehensive countywide yard waste program and establish clear policies regarding the construction and debris waste stream.

Objective 4 – Level of service: Achieve adequate facility capacity to serve new development concurrent with the impact of that development. Achievement of this objective shall be measured by the implementation of the following policies:

Policy 4.1 – The Town will enforce the following level of service standards:

Sanitary Sewers: The County-wide “maximum day flow” of the preceding year shall not exceed 102 percent of the County treatment system's rated capacity. The sewage generation standard shall be 155 average gallons per capita per day. [9J-5.011 (2) (c) 2a]

Potable Water: The County-wide “maximum day flow” of the preceding year shall not exceed 98 percent of the County treatment and storage system's rated capacity. The pressure shall be at least 20 pounds per square inch at the property line. The potable water consumption standard shall be 155 average gallons per capita per day. [9J-5.011 (2) (c) 2d]

Drainage: All nonresidential development and redevelopment shall adequately accommodate runoff to meet all Federal, state and local requirements. Stormwater shall be treated in accordance with the provisions of Chapter 17-25, FAC in order to meet receiving water standards in Chapter 17-302.500, FAC. One inch of runoff shall be retained on site. Post-development runoff shall not exceed peak pre development runoff. [9J-5.011 (2) (c) 2c]

Solid Waste: The County solid waste disposal system shall maintain a minimum of five years capacity. For Town planning purposes, a generation rate of 5.2 pounds per person per calendar day shall be used. [9J-5.011 (2) (c) 2b]

Objective 5 – Water conservation: Conserve and protect potable water resources by optimizing the utilization of water resources through effective water management practices. [9J-5.011 (2) (b) 4]

Policy 5.1 – The Town shall maintain and improve land development code and other regulations that include: 1) water conservation-based irrigation requirements; 2) water conservation-based plant species requirements derived from the South Florida Water Management District's list of native species and other appropriate sources; 3) lawn watering restrictions; 4) mandatory use of ultra-low volume water saving devices for substantial rehabilitation and new construction; and 5) other water conservation measures, as feasible. [9J-5.011 (2) (c) 3]

Policy 5.2 – The Town shall promote education programs for residential, commercial and other uses which will discourage waste and conserve potable water. [9J-5.011 (2) (c) 3]

9J-5.011 Objective and policy requirements not applicable to the Town of Surfside: Rule 9J-5 of the Florida Administrative Code requires communities to adopt as part of their Infrastructure Element objectives and policies which address various issues, except where those issues are not reasonably applicable to a particular community. The following objective and policy provisions of Rule 9J-5 are deemed by the Town of Surfside to be inapplicable to Surfside:

9J5.011 (3) (b) 3 Addressing [maximizing the use of existing facilities] and minimizing urban sprawl.

9J5.011 (3) (b) 5 Addressing the function of natural groundwater recharge areas and natural drainage features.