

POTABLE WATER SUB-ELEMENT

GOALS, OBJECTIVES AND POLICIES

Goal 1.0.0. Maintain a potable water supply system capable of satisfying normal and emergency demands in the City.

Objective 1.1.0. Continue to provide potable water use in the quantity and quality necessary to satisfy existing and projected growth compliant with the latest standards acceptable to the City, the County, the State and the U.S. Environmental Protection Agency, and according to the regulations Implementing the "Safe Drinking Water Act" (1986).

Measure - Extent of compliance with regulations as reflected by facility and water quality monitoring reports; ratios of water withdrawn to water permit allocation and extent to which levels of service are maintained.

Policy 1.1.1. The City shall continue to rely upon the facilities and personnel of the Coral Springs Utilities Division and those of The North Springs Improvement District (NSID), The Coral Springs Improvement District (CSID) and Royal Utilities or any successors to satisfy the potable water supply, treatment and distribution needs of residents and businesses within their respective service areas.

Policy 1.1.2. The City's Utilities Division, the NSID, the CSID and Royal Utilities or any successors will periodically undertake studies to evaluate the potable water supply, treatment and distribution system to ensure it's continued adequacy. The Master Plans resulting from these studies will recommend definite steps to:

1. Increase the capacity of the water treatment plants, as needed, in order to meet the anticipated demands.
2. Provide facilities that will ensure the supply of high quality potable water.
3. Provide a network of water distribution mains that will ensure an adequate flow of water for the purpose of fire fighting.
4. Promote water conservation and utilize alternative water supplies as required to meet potable water demands.

Policy 1.1.3. The City's Utilities Division shall continue to rely upon, expand and/or renovate its own system of wells and well fields, subject to South Florida Water Management District water use permit allocations, to satisfy potable water supply demands.

The City shall encourage the NSID, the CSID and Royal or any successors to do the same.

Policy 1.1.4. Development within an identified cone of influence of any existing or proposed potable water supply wellfield shall comply with the Broward County Wellfield Protection Ordinance (Chapter 27 of the Broward County Code of Ordinances).

Policy 1.1.5. The City's Utilities Division shall not locate wellfields and their attendant cones of influence within areas zoned for commercial or industrial use.

The City shall encourage the NSID, the CSID and Royal Utilities or any successors to do the same.

Policy 1.1.6. The City's Utilities Division shall, with the assistance of Broward County Water Resources Advisory Board, maintain adequate monitoring programs consistent with the Broward County Wellfield Protection Ordinance so that contamination of the groundwater supply will be prevented.

Policy 1.1.7. The City's Utilities Division, the NSID, the CSID and Royal Utilities or any successors will work with the City of Coral Springs Code Enforcement Division to enforce local water conservation measures during times of low water supply and drought conditions.

Policy 1.1.8. The City's Utility Division is currently implementing four water conservation measures to meet existing and future needs:

1. Replacement of filter media and underdrains at the water treatment plant (savings of 0.75 MGD).
2. Expand the Naturescape Broward Program(Savings of 0.04 MGD).
3. Utilize washwater recovery facilities (Savings of 0.174 MGD).
4. Remove public irrigation from domestic water supplies (Savings of 0.06 MGD).

Policy 1.1.9. The following level of service standards are hereby adopted:

POTABLE WATER SUB-ELEMENT

Water Service Area	Level of Service Standard/ gallons per day per capita
Coral Springs Public Utilities	123.00
North Springs Improvement District	117.24
Royal Utilities	134.00
Coral Springs Improvement District	113.51

Policy 1.1.10. To calculate potable water demand through a land development action, the City shall utilize the following to calculate demand. The City shall provide the additional potable water demand to the appropriate district and ensure that the level of service for each service area is maintained.

Land Use Type	Potable Water Demand
Single Family Residential	350 gpd/du
Multi-Family Residential	300 gpd/du
Commercial/Industrial	2,000 gpd/acre
Public/Civic	2,000 gpd/acre

Policy 1.1.11. The City's Utilities Division, the NSID, the CSID and Royal Utilities or any successors shall identify, protect and use alternative water supplies that can be used to meet existing and future needs and are approved by the South Florida Water Management District and in the Lower East Coast Water Supply Plan to supplement traditional sources of groundwater and surface water supplies.

Objective 1.2.0. The City shall ensure that potable water facilities and services meet the level of service standards established within the Comprehensive Plan.

Measure – Number of Comprehensive Plan Amendments that meet level of service standards.

Policy 1.2.1. The City shall correct existing facility deficiencies and provide for correction of the existing water supply and replacement of facilities on an on-going basis. The following actions will serve to implement this policy:

1. Establish priorities for correcting any existing facility deficiencies and provide for correction of the existing water supply and replacement of facilities using the Capital Improvements Program and annual work program.

POTABLE WATER SUB-ELEMENT

2. Continue to maintain a staff of qualified maintenance personnel to correct any immediate problems, deficiencies, or equipment failures, and to ensure that all equipment is properly serviced and maintained.
3. Ensure that all maintenance personnel receive periodic training and updating regarding state-of-the-art equipment and maintenance procedures.

Policy 1.2.2. The City adopts by reference the 10-Year Water Supply Plan dated May 2009 as adopted by the City Commission on July 7, 2009. The water supply plan addresses water supply facilities necessary to serve existing and future development within the City consistent with the water service districts' consumptive use permit.

Policy 1.2.3. The City shall update and adopt the City's 10-Year Water Supply Plan within 18 months of updates to of the South Florida Water Management District's Lower East Coast Water Supply Plan.

Policy 1.2.4. The City will provide annual progress reports to the South Florida Water Management District on the water supply development projects identified in the 10-Year Water Supply Plan.