

## INFRASTRUCTURE POTABLE WATER SUB-ELEMENT

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*GOAL 1*  
**Provide a sufficient and safe supply of potable water.**

### **OBJECTIVE 1.1**

#### **Develop and maintain a Potable Water Master Plan and Program (PWMP).**

##### Policy 1.1.1

Develop and maintain a Potable Water Master Plan to address:

- The projection of current and future potable water demand;
- The provision of water supply to meet current and future potable water needs including alternatives for potable water supply in emergency or disaster circumstances; and
- The planning, programming, design and maintenance of water distribution facilities.

##### Policy 1.1.2

Provide potable water services and management as an “Enterprise Fund.”

##### Policy 1.1.3

The Level of Service (LOS) is 120 gallons per capita per day.

##### Strategy 1.1.3.1

The LOS is based on functional population pursuant to the Southwest Florida Water Management District (SWFWMD) Consumptive Use Permit.

##### Policy 1.1.4

The Town will annually evaluate, and as appropriate pursue, grant opportunities from state and regional agencies to further the Town’s water conservation programs.

##### Policy 1.1.5

In the development of water conservation plans and programs, the Town will use the guiding principles of SWFWMD’s Southern Water Use Caution Area (SWUCA) Recovery Plan.

##### Policy 1.1.6

The Town will continue its public water conservation education effort on the issues affecting potable water supply, demand, and quality.

##### Policy 1.1.7

The Town will coordinate with the Southwest Florida Water Management District (SWFWMD) to locate and plug abandoned wells.

#### Policy 1.1.8

The Town will explore the availability of reclaimed or other alternative water with all of the local governments of Manatee and Sarasota Counties, and SWFWMD. If reclaimed water is available and it is determined by the Town Commission to be practical, economically feasible, environmentally sound, and technically possible, the Town will pursue all available funding, including grants, to assist in developing a reclaimed water system.

#### Policy 1.1.9

The Town will prohibit the installation of new irrigation meters on potable water lines.

#### Policy 1.1.10

The Town has implemented the water conservation conditions that are part of SWFWMD's Water Use Permit, issued in 2003.

#### Policy 1.1.11

The Town will augment its commitment to assist property owners in retrofitting existing irrigation systems with technology that increases efficiency and/or reduces consumption through a budgeted reimbursement program.

### **OBJECTIVE 1.2**

#### **Provide adequate water supply to meet current and projected Potable Water demand.**

#### Policy 1.2.1

Maintain a 10-year Potable Water Supply Facilities Work Plan.

##### Strategy 1.2.1.1

Maintain a 10-year Potable Water Supply Facilities Plan that meets the requirements of Chapters 163.3177 F.S. and 163.3191 F.S. and SWFWMD. The 10-year Water Supply Facilities Work Plan will be updated, at a minimum, within 18 months after the SWFWMD approves an updated Regional Water Supply Plan.

##### Strategy 1.2.1.2

Maintain a wholesale customer contract with Manatee County for the purchase of bulk potable water.

#### Policy 1.2.2

Support the regionalization of water supply.

#### Policy 1.2.3

Implement a Water Conservation Program.

##### Strategy 1.2.3.1

Collaborate with the Southwest Florida Water Management District, the Peace River Manasota Regional Water Supply Authority, The Water Alliance, Manatee County and neighboring jurisdictions to promote water conservation.

Strategy 1.2.3.2

Apply a rate structure that encourages water conservation.

Strategy 1.2.3.3

Encourage the use of shallow wells, cisterns, and retained stormwater for irrigation.

Strategy 1.2.3.4

Improve and enforce building codes that ensure the efficient use of potable water.

Strategy 1.2.3.5

Provide public education programs encouraging the conservation of potable water.

Strategy 1.2.3.6

Explore the feasibility of the use of reclaimed water for irrigation.

**OBJECTIVE 1.3**

**Provide and maintain a Potable Water Distribution System that meets established water quality standards and public safety requirements.**

Policy 1.3.1

Ensure that potable water is available to serve residential and non-residential demand and to provide fire protection.

Strategy 1.3.1.1

Develop, apply and enforce technical standards for the design and extension of Potable Water Distribution Facilities to meet demand and to provide fire protection.

Strategy 1.3.1.2

Maintain data regarding the use and condition of the Potable Water Distribution System.

Strategy 1.3.1.3

Plan and program improvements through the Capital Improvements Program to eliminate deficiencies and provide for new demand.

Strategy 1.3.1.4

The land development regulation will include criteria, standards, methodologies and procedures pertaining to the provision of potable water to new development and redevelopment.

## ***GOAL 2***

**The Town will provide efficient potable water service that is compatible with the conservation of natural resources.**

### **OBJECTIVE 2.1**

**To implement the wholesale customer contract between the Town and Manatee County for the purchase of bulk potable water.**

#### **Policy 2.1.1**

Pursuant to the bulk water contract with Manatee County, approved February, 2007, Manatee County will allocate 2.5 million gallons per day (mgd) reserve capacity in the County's potable water system for Town use.

#### **Policy 2.1.2**

Beginning October 1, 2007, the Town may purchase additional reserve capacity from Manatee County, subject to the provisions in the bulk water contract, as amended.

#### **Policy 2.1.3**

By July 1 each year that the bulk water contract is effective, Manatee County will provide the Town with estimated utility rates for the upcoming fiscal year.

#### **Policy 2.1.4**

The bulk water contract between the Town and Manatee County expires September 30, 2031, and includes a provision for one additional renewal period of ten (10) years.

### **OBJECTIVE 2.2**

**The Town will develop and maintain a database cross-referencing information on water use, asset age, and location maps of the distribution system.**

#### **Policy 2.2.1**

Data will be collected and maintained on water use and the water distribution system. The data on water use will contain total Town water use; estimates of water use per connection; and, water use per capita. The data on the distribution system will include a list of the system's components, locations, age and condition of the facilities, and useful life of the various components of the system.

#### **Policy 2.2.2**

An evaluation of the Town's potable water use database, collected in accordance with Policy 2.2.1, will be updated annually. If this evaluation confirms a need for potable water supply in excess of 2.5 million gallons per day (MGD), and is consistent with the Town's contract for bulk water purchase from Manatee County, the Town will negotiate with Manatee County to increase the Town's potable water supply allocation to reserve sufficient capacity to accommodate the Town's existing and future needs.

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### **OBJECTIVE 2.3**

#### **The Town will maintain a 10-Year Potable Water Supply Facilities Work Plan.**

##### **Policy 2.3.1**

The Town has a 10-Year Potable Water Supply Facilities Work Plan that meets the requirements of Chapters 163.3177 and 163.3191, Florida Statutes (FS) and SWFWMD. The 10-Year Potable Water Supply Facilities Work Plan will be contained within the Potable Water Subelement of the Infrastructure Element in the Capital Improvements Element.

##### **Policy 2.3.2**

The Public Works Department will update and maintain a 10-Year Potable Water Supply Facilities Work Plan and will use the work plan to prioritize projects to ensure the adopted LOS. The work plan will include projections of the capacity needed for existing and future population needs and a timetable for scheduling maintenance, replacements, and improvements. The 10-Year Water Supply Facilities Work Plan will be updated, at a minimum, within 18 months after the water management district approves an updated regional water supply plan.

##### **Policy 2.3.3**

The 10-Year Water Supply Facilities Work Plan will be coordinated with the Future Land Use plan. If any future facility sites or rights-of-way are identified, they should be protected from development, if feasible.

##### **Policy 2.3.4**

The 10-Year Water Supply Facilities Work plan will be coordinated with the Capital Improvements Plan so that plans for renovations, improvements, or new facilities will be identified in both plans. Project additions to the plans will be ranked in order of importance, with public health and safety considerations given the most importance. Improvements to the service area will be considered second.

##### **Policy 2.3.5**

The Town will coordinate with SWFWMD, Peace River Manasota Regional Water Supply Authority, Manatee County, Sarasota County, and the local governments in Sarasota and Manatee counties regarding water supply and the 10-Year Water Supply Facilities Work plan, as appropriate.

### **OBJECTIVE 2.4**

#### **To promote the consideration of new technology and management practices and to increase the efficiency of the system and water conservation.**

##### **Policy 2.4.1**

The Town will participate with SWFWMD, and the Peace River Manasota Regional Water Supply Authority, and the Water Alliance in the investigation and promotion of new technologies and management practices that reduce costs and/or enhance water conservation.

Policy 2.4.2

Efficient potable water service will be promoted by maintaining the water distribution system in good working condition through timely maintenance, repairs, and improvements.

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**OBJECTIVE 2.5**

**To maintain adequate water pressure and to improve water quality.**

Policy 2.5.1

By 2010, the existing water distribution system will be interconnected into a regional system, by connecting to the City of Sarasota's water system at the Town's southern terminus, subject to the approved (August 2006) interlocal agreement with the City. The connection will enable the Town to continue uninterrupted service during an emergency.

Policy 2.5.2

The Town will maintain the appropriate water pressure to ensure adequate fire flows and other public health, safety and welfare purposes.

Policy 2.5.3

The Town will flush potable waterlines that are not part of the looped system to improve water quality.

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***GOAL 3***

**To coordinate with local governments and agencies to create efficient regional plans for water resource management.**

**OBJECTIVE 3.1**

**The Town will coordinate with all appropriate governmental entities on studies of new technologies, which may be too expensive for one local government to consider on its own.**

Policy 3.1.1

The Town will coordinate with SWFWMD, the Peace River Manasota Regional Water Supply Authority, and the Water Alliance, and other regional resource groups that investigate, evaluate, and promote resource conservation through new technologies, local policies, and public awareness campaigns consistent with SWFWMD's Regional Water Supply Plan and SWUCA Recovery Plan.

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**OBJECTIVE 3.2**

**The Town will cooperate with all appropriate state, regional and/or local entities on regional water resource management policies.**

Policy 3.2.1

The Town will participate with the SWFWMD, Peace River Manasota Regional Water Supply Authority, and the Water Alliance, and other regional committees that develop and promote regional resource management policies.

Policy 3.2.2

The Town will participate in regional surface water or groundwater monitoring projects or programs.

Policy 3.2.3

The Town will support and promote regional policies that encourage water conservation.

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**OBJECTIVE 3.3**

**To identify alternatives for potable water supply in emergency or disaster circumstances.**

Policy 3.3.1

The Town will coordinate with SWFWMD, Peace River Manasota Regional Water Supply Authority, and the local governments in Sarasota and Manatee Counties during a local or regional emergency water shortage, to comply with approved potable water consumption restrictions. Actions by the Town must be consistent with the Town's bulk water contract with Manatee County.

Policy 3.3.2

By 2010, the existing water distribution system will be interconnected into a regional system, by connecting to the City of Sarasota's water system at the Town's southern terminus, subject to the approved (August 2006) interlocal agreement with the City. The connection will enable the Town to continue uninterrupted service during an emergency.

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**OBJECTIVE 3.4**

**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 3.4.1

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

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***GOAL 4***  
**To identify and develop reliable sources of funding for improvements and expansions to the Town's potable water system.**

**OBJECTIVE 4.1**

**The Town will maintain an adequate utility fund for water system improvements by adjusting rates, charges, and connection fees to reflect anticipated capital improvements.**

Policy 4.1.1

The Town will periodically review charges and fees to ensure that they adequately cover anticipated repairs, maintenance, and improvement costs.

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**OBJECTIVE 4.2**

**The Town will require new development to be responsible for all costs incurred with expanding the water distribution system, and all costs incurred in additional potable water above that approved in the Town’s bulk water contract with Manatee County.**

Policy 4.2.1

With the exception of development on Jewfish Key, the Town will require applicants to provide all facilities necessary to connect development to the Town's central water system.

Policy 4.2.2

The Town is at or near potable water capacity. A development project that requires additional potable water capacity will be required to pay the commensurate Facility Investment Fee for capacity improvements then in effect under the terms of the water agreement between the Town and Manatee County or its successor.

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**OBJECTIVE 4.3**

**The Town will seek new and innovative methods of financing public facilities.**

Policy 4.3.1

The Town will explore innovative funding programs for public facilities, including intergovernmental coordination at the local, regional, and state levels, and coordination between the public and private sectors at the local level.