

INFRASTRUCTURE ELEMENT**STORMWATER MANAGEMENT****Goal 1**

Improve or maintain the existing drainage system to eliminate problem areas. [9J-5.011(2)(a)]

Objective 1.1

Stormwater facilities will be designed and developed to eliminate existing facilities deficiencies and to accommodate a 25-year, 24-hour storm as a minimum level of service. [9J-5.011(2)(b)1]

Measure: Adopted Administrative Procedure

Responsible Entity: City Commission

Policy 1.1.a. The City will attempt to eliminate stormwater problems by building drainage controls, increasing existing culvert capacity to a 25-year, 24-hour and by implementing a stormwater master plan to be prepared by 2005. [9J-5.011(2)(c)2.e]

Policy 1.1.b. The city shall establish a priority list for the replacement, correcting existing facility deficiencies and providing for future facility needs, placing first priority on replacing undersized culverts, as a part of the stormwater master plan. [9J-5.011(2)(c)1]

Policy 1.1.c. The adopted level of service standard for drainage in Belleview is a 24-hour, 25-year storm event for stormwater facilities, and a 100-year, 24-hour storm event for structural elevation or flood proofing. The adopted level of service standards for water quality are:

1) all stormwater treatment and disposal facilities will be required to meet the design and performance standards established in Chapter 62-25 F.A.C.; and,

2) the first one [1] inch of stormwater run-off will be treated on-site to meet those water quality standards required by Chapter 62-302, F.A.C.

Policy 1.1.d. Stormwater discharge facilities must be designed so as to not degrade the receiving water body below the minimum conditions necessary to assure the suitability of water for the designated use of its classification as established in Chapter 62-302, F.A.C. All standards in these citations are to apply to all new development and redevelopment and any exemptions, exceptions or thresholds in these citations, including project size thresholds, are not applicable.

Objective 1.2

Maximize the use of existing facilities and discourage urban sprawl by giving first priority to improvements to existing facilities within the city limits. [9J-5.011(2)(b)3]

Policy 1.2.a. The city will encourage development within the city limits and will coordinate stormwater facilities with Marion County and the Florida Department of Transportation. Areas to be annexed will follow drainage basin boundaries whenever possible, to bring entire basins under unified control. [9J-5.011(2)(c)1]

Goal 2

Provide for proper drainage systems for future development. [9J-5.011(2)(a)]

Objective 2.1

Develop and adopt intergovernmental coordination administrative procedures whereby the city will coordinate with Marion County regarding extension of, or increase in the capacity of facilities to meet future needs through the planning period. [9J-5.011(2)(b)2]

Policy 2.1.a. The city will evaluate the updated land use map, the poorly drained areas as indicated on Map 3-2, and the existing drainage system to determine if any extensions or new stormwater facilities will be needed, within twelve [12] months of completion of the stormwater master plan. [9J-5.011(2)(c)1]

Policy 2.1.b. The city will annually review and update as necessary, the present subdivision controls and site plan requirements, found in the Land Development Regulations, to insure that proper drainage meeting state standards is required in new subdivisions. The Land Development Regulations will remain in compliance with Chapter 6225 and 62-302, F.A. C.

Policy 2.1.c. Through an adopted intergovernmental agreement with Marion County, the County will provide that developments outside of the city will not impair the drainage system in Belleview. [9J-5.011(2)(c)4]

Goal 3

Protect the functions of natural drainage features.

Objective 3.1

The city will continue to regulate land use and development to protect the functions of natural drainage, by enforcing the adopted Land Development Regulations. [9J-5.011(2)(b)5]

Policy 3.1.a. Natural drainage/retention areas will be developed so that such development would not adversely affect the overall drainage patterns of the city as a whole, with regulation via adopted land development regulations. [9J-5.011(2)(c)4]

Policy 3.1.b. The city will coordinate development which could affect the drainage flows through an interlocal agreement with Marion county. . [9J-5.011(2)(c)4]

SANITARY SEWER

Goal 1

Provide a safe and efficient method of sewage disposal.

Objective 1.1

Continue to treat sewage through the city sewage systems, meet state sewer treatment standards and correct any deficiencies. [9J-5.011(2)(b)1]

Policy 1.1.a The minimum level of service standards for sanitary sewer are: [9J-5.011(2)(c)2.a]

Inside city limits

Residential uses: 55 gallons per capita per day

Commercial uses: 373 gallons per unit day

Institutional uses: 785 gallons per unit day

Outside city limits

Residential uses: 60 gallons per capita per day

Commercial uses: 789 gallons per unit day

Institutional uses: 785 gallons per unit day

Objective 1.2

The adopted Capital Improvements Element will be utilized to correct any potential deficiencies. [9J-5.011(2)(b)1]

Policy 1.2.a The city will establish priorities for sewer replacement and correcting facility deficiencies for future facility needs as a part of the adopted Capital Improvements Element.

Objective 1.3

Adopt an interlocal agreement with Marion County whereby the city will coordinate the extension of and increase in the capacity of the sewer facility to meet future needs, within the Municipal Services District. [9J-5.011(2)(b)2]

Policy 1.3.a. Upon request from Marion County, consider the extension of, or the provision of, a central sewer system.

Policy 1.3.b. The Future Land Use Map or Future Land Use Map Series will be amended to establish a Bellevue Municipal Services District Boundary. Municipal services will not be provided outside said boundary; however, the boundary may be revised through an amended interlocal agreement and a comprehensive plan amendment.

Objective 1.4

Continue to implement the adopted interlocal agreement with Marion County, develop plans to maximize the use of existing facilities and discourage urban sprawl, by limiting future urban services to areas either already annexed or the subject of a binding annexation commitment. [9J-5.011(2)(b)3]

Policy 1.4.a. The city's water department shall undertake, on an "as needed" basis, a water service extension project to upgrade the existing municipal system. The city will continue to require developers to install lines to city standards.

POTABLE WATER**Goal 1**

Protect the quality of groundwater supplies and provide an adequate and efficient water supply to insure the public health, safety and welfare. [9J-5.011(2)(a)]

Objective 1.1

Maintain excess capacity [at least ten percent (10%) over average demand], adopt and implement a capital improvements program, continually monitor and record water quality, and eliminate potable water deficiencies by installing new meters to replace all that are outdated and by reducing leaks . [9J-5.011(2)(b)1]

- Policy 1.1.a. The City Commission will establish priorities for replacement and correcting existing facility deficiencies and for providing future facility needs. [9J-5.011(2)(c)1]
- Policy 1.1.b. The City Commission will continue to monitor potable water quality to assure its residents a supply which meets or exceeds state water quality standards.

Objective 1.2

Adopt and update annually, a capital improvements program to coordinate the extension of, or increase in capacity, the water system to meet future needs.

- Policy 1.2.a. The following level of service standards are the basis on which capacity availability shall be determined, unless more accurate estimated demand calculations are available:
- Inside city limits:
- | | |
|---------------------|--|
| Residential Uses: | 69 gallons per capita per day, minimum pressure of 50 p.s.i. |
| Commercial Uses: | 462 gallons per unit per day, minimum pressure of 50 p.s.i. |
| Institutional Uses: | 960 gallons per unit per day, minimum pressure of 50 p.s.i. |
- Outside city limits:
- | | |
|---------------------|--|
| Residential Uses: | 74 gallons per capita per day, minimum pressure of 50 p.s.i. |
| Commercial Uses: | 979 gallons per unit per day, minimum pressure of 50 p.s.i. |
| Institutional Uses: | 960 gallons per unit per day, minimum pressure of 50 p.s.i. |
- Policy 1.2.b. The city will continue its efforts to extend service to the west along C-484, and to provide service to public facilities operated by other political jurisdictions.

Objective 1.3

Maximize the use of existing facilities by requiring all new developments in Bellevue to use the water system, and discourage urban sprawl by permitting higher densities of development and intensities of land use in Bellevue than in the unincorporated areas. [9J-5.011(2)(b)3]

- Policy 1.3. a. Extensions of municipal water lines will be to infill. or contiguous, unserved areas as a top priority. [9J-5.011(2)(c)1]
- Policy 1.3. b. The system pumping and treatment capacity will be increased when ninety percent [90%] of current capacity is reached; however, this shall not preclude either the extension of service lines or the commitment to provide service up to one hundred percent [100%] of capacity

- Policy 1.3. c. New development will be required to bear one hundred percent [100%] of the facility expansion costs created by the new development.
- Policy 1.3. d. Extensions of water service will be confined to that urban service boundary proposed to be included within an interlocal agreement adopted between Marion County and Belleview.
- Policy 1.3. e. The city will continue to require mandatory hookups to the potable water system, as currently adopted in Section 21-18 of the Belleview Code of Ordinances. In the land development regulations, cross connections will also be regulated.

Objective 1.4

The City of Belleview will be required to comply with the St. Johns River Water Management District water conservation regulations . [9J-5.011(2)(b)4]

- Policy 1.4.a. The City Clerk will contact the Water Management District on an annual basis to obtain up to date water conservation regulations . [9J-5.011(2)(b)4]
- Policy 1.4.b. The city will follow the St. Johns River Water Management District's water conservation strategies and techniques. [9J-5.011(2)(c)3]

SOLID WASTE**Goal 1**

Provide the most efficient solid waste disposal for the residential and commercial businesses of Belleview. [9J-5.011(2)(a)]

Objective 1.1

The existing solid waste collection system will be utilized until deficiencies are identified. The landfill is county maintained and operated, thus will not be addressed in this plan. [9J-5.011(2)(b)1]

- Policy 1.1.a. The city will periodically evaluate the rates and quality of the present contracted solid waste pick-up service.
- Policy 1.1.b. The city will strictly enforce the ordinance(s) regarding disposal of solid waste.

Policy 1.1.c. Scheduling, equipment and manpower for solid waste pickup will be adjusted as necessary to keep up with growth.

Objective 1.2

The City will coordinate with Marion County on extension of, or increase in the capacity of, facilities to meet future needs based on the future demand of these facilities. [9J-5.011(2)(b)2]

Policy 1.2.a Should county officials determine that a new facility is needed by 2020, Belleview officials will coordinate efforts to find the means. [9J-5.011(2)(c)]

Objective 1.3

Maintain a reasonable level of service by collecting one hundred percent [100%] of all garbage and trash generated within the City of Belleview, with reasonable rates and mandatory collection; and, reducing the volume of solid waste requiring disposal

Policy 1.3. a. Collection will continue to be mandatory for all developed properties. The public works director will present an annual report with recommendations to the City Commission regarding cost-benefits of public versus private solid waste collection and the effects that the recycling program has on reducing solid waste.

AQUIFER RECHARGE

Goal 1

To maintain a safe, natural environment and to prevent harm to surrounding natural resources. [9J-5.011(2)(a)]

Objective 1.1

Protect the municipal wellfield and any other natural groundwater recharge area by local ordinance. [9J-5.011(2)(b)5]

Policy 1.1.a. The municipal wellfields are a locally-designated recharge areas which requires protection from pollution. Any development within one-quarter [1/4] miles of this site, or up gradient, shall be planned and designed by a licensed engineer to protect the wellfield from pollution in accordance with Water Management Standards, as required by adopted Belleview land development regulations. [9J-5.011(2)(c)4]

Policy 1.1. b. The Belleview level of service standards for aquifer recharge are:

- a. Any recharge to the aquifer will be of the same or higher quality as could occur under natural conditions.
- b. Following development of any tract of land, recharge amounts shall equal those occurring prior to development.