

INFRASTRUCTURE ELEMENT

GOALS, OBJECTIVES AND POLICIES

GOAL D.1 - PROVIDE SANITARY SEWER SERVICES TO MEET THE NEEDS OF CURRENT RESIDENTS AND ANTICIPATED FUTURE DEVELOPMENTS WITHIN THE SERVICE AREA TO THE EXTENT OF THE ADOPTED LEVEL OF SERVICE STANDARD IN A MANNER WHICH WILL PROTECT THE ENVIRONMENT.

OBJECTIVE D.1.1 – THE CITY WILL CONTINUE TO MONITOR POPULATION PROJECTIONS, REVIEW PROCEDURES, AND COORDINATE WITH OKALOOSA COUNTY TO ENSURE ADEQUATE WASTEWATER TREATMENT FACILITIES FOR THE PRESENT AND FUTURE SERVICE AREA OF THE CITY OF FORT WALTON BEACH.

Policy D.1.1.1

The City will continue to provide efficient and dependable wastewater collection and systems to serve the needs of its service area, while minimizing adverse environmental effects.

Policy D.1.1.2

The City will continue to give priority to the delivery of central wastewater systems to infill areas of the existing, developed areas within the City.

Policy D.1.1.3

The City will analyze any proposals to annex properties to the City limits to determine that such annexations may occur in such a manner that the annexation will not place an economic burden on or adversely affect, existing users of the wastewater system.

Policy D.1.1.4

The City will continue to require that all new development or redevelopment will be required to fund its pro rata share of costs associated with providing sanitary sewer facilities for that development's use.

Policy D.1.1.5

The City will continue to require that all new development and redevelopment is connected to the central wastewater system; that individual sewer systems within the City may only continue to exist when connection to the central system is not available; and that installation of new package treatment plants or septic tanks will not be permitted.

LOS STANDARDS:

Policy D.1.1.6

The City will maintain a level of service standard for sanitary sewer the ability to treat 115 gallons of effluent per capita per day.

GOAL D.2 – PROVIDE SOLID WASTE DISPOSAL SERVICE TO MEET THE NEEDS OF CURRENT RESIDENTS AND ANTICIPATED FUTURE DEVELOPMENT WITHIN THE

CITY LIMITS TO THE EXTENT OF THE ADOPTED LEVEL OF SERVICE STANDARD IN A MANNER WHICH WILL PROTECT THE ENVIRONMENT.

OBJECTIVE D.2.1 – THE CITY WILL CONTINUE TO MONITOR POPULATION PROJECTIONS AND REVIEW PROCEDURES ANNUALLY TO ENSURE ADEQUATE SOLID WASTE COLLECTION AND DISPOSAL FOR THE PRESENT AND FUTURE SERVICE AREA OF THE CITY OF FORT WALTON BEACH.

Policy D.2.1.1

The City will continue to participate as a member of the Regional Utility Authority (RUA) in its efforts to develop a technologically sound, cost effective, long term solution to solid waste disposal.

Policy D.2.1.2

The City will continue to coordinate with Okaloosa County regarding solid waste collection and disposal vendors.

Policy D.2.1.3

The City will evaluate alternatives to the current solid waste disposal program.

LOS STANDARDS:

Policy D.2.1.4

The City of Fort Walton Beach will maintain a level of service standard of 6.8 pounds per capita per day for solid waste disposal.

OBJECTIVE D.2.2 – THE CITY WILL DEVELOP INNOVATIVE AND PROACTIVE PROGRAMS WHICH WILL PROMOTE SOURCE REDUCTION OF THE SOLID WASTE STREAM WITHIN ITS SERVICE AREA.

Policy D.2.2.1

The City will continue its innovative programs for solid waste; yard waste and recycling collection and disposal programs in order to further reduce the solid waste stream.

Policy D.2.2.2

The City will promote recycling.

Policy D.2.2.3

The City will continue to promote the ability of citizens to utilize the Okaloosa County Public Works Facility for disposal of their hazardous wastes.

Policy D.2.2.4

The City will promote an annual reuse public awareness program to promote additional participation in the following activities and programs involving recycling: yard waste composting; Christmas tree recycling; front yard bin service; and commercial service.

Policy D.2.2.5

The City will evaluate methods of collection and recycling solid waste.

GOAL D.3 – PROVIDE STORMWATER MANAGEMENT TO MEET THE NEEDS OF CURRENT RESIDENTS AND ANTICIPATED FUTURE DEVELOPMENT WITHIN THE CITY LIMITS TO THE EXTENT OF THE ADOPTED LEVEL OF SERVICE STANDARD IN A MANNER WHICH WILL PROTECT THE ENVIRONMENT.

OBJECTIVE D.3.1 – PREPARE A STORMWATER MANAGEMENT MASTER PLAN IN ORDER TO IMPROVE SURFACE WATER QUALITY, FLOODING AND MANAGES RUNOFF.

Policy D.3.1.1

The City will prepare a Stormwater Management Master Plan to manage runoff, reduce surface flooding and improve water quality in the surface water bodies adjacent to the City. The Infrastructure Element will be amended as needed upon completion of the Master Plan.

OBJECTIVE D.3.2 – DEVELOP MANAGEMENT PROGRAMS WHICH WILL RESULT IN THE REDUCTION OF WATER POLLUTION CAUSED BY STORMWATER, THEREBY ENSURING HIGH SURFACE WATER QUALITY.

Policy D.3.2.1

The City will continue to implement a public awareness and educational program to inform citizens of the importance of a stormwater management program:

Policy D.3.2.2

The City will continue to implement its comprehensive program of major system inspection and maintenance, including replacing stormwater piping as needed.

Policy D.3.2.3

The City will require a stormwater management plan for all development and redevelopment other than single-family homes.

Policy D.3.2.4

The City will adopt a policy whereby open areas for water retention are encouraged for all municipal projects.

LOS STANDARD:

Policy D.3.2.5

The City of Fort Walton Beach will maintain a level of service standard for stormwater management as follows: Retain the first inch of run-off on-site and assure that post development run-off will not exceed the pre-development run-off rate for a 25-year storm event, up to and including an event with a 24-hour duration.

Policy D.3.2.6

The City of Fort Walton Beach hereby adopts the water quality standards referenced in Chapter 62-25, F.A.C., as its level of service standard for stormwater quality within the City.

GOAL D.4 – PROVIDE POTABLE WATER SERVICES TO MEET THE NEEDS OF CURRENT RESIDENTS AND ANTICIPATED FUTURE DEVELOPMENT WITHIN THE CITY LIMITS TO THE EXTENT OF THE ADOPTED LEVEL OF SERVICE STANDARD IN A MANNER WHICH WILL PROTECT THE ENVIRONMENT.

OBJECTIVE D.4.1 – THE CITY WILL CONTINUE TO MONITOR POPULATION PROJECTIONS AND REVIEW PROCEDURES ANNUALLY TO ENSURE ADEQUATE POTABLE WATER FACILITIES FOR THE PRESENT AND FUTURE SERVICE AREA OF THE CITY OF FORT WALTON BEACH.

Policy D.4.1.1

The City will continue to provide the Northwest Florida Water Management District (NFWFMD) biannual reports on the progress of negotiations with Okaloosa County for a portion of the City's inland supply sources.

Policy D.4.1.2

The City will implement the plan for using the Sand and Gravel Aquifer as a source for potable water.

Policy D.4.1.3

The City will continue to give priority to the delivery of potable water to the existing, developed areas within the City over areas outside the existing Water Service Area.

Policy D.4.1.4

The City will analyze any proposals to annex properties to the City limits to determine that such annexations may occur in such a manner that the annexation will not place an economic burden on or adversely affect, existing users of the potable water system.

Policy D.4.1.5

The City will continue to require that all new development or redevelopment will be required to fund its pro rata share of costs associated with providing potable water facilities for that development's use.

Policy D.4.1.6

The City will continue to require that any new development or redevelopment be connected to the central potable water system.

LOS STANDARDS:

Policy D.4.1.7

The City will maintain a level of service standard for potable water facilities at a minimum of one hundred twenty-five (125) gallons per capita per day. (Note: The NFWFMD requires Consumptive Use Permits (CUPs) for all ground water withdrawal from the Upper Floridan Aquifer.)

OBJECTIVE D.4.2 – THE CITY WILL CONTINUE TO PRACTICE CONSERVATION OF ITS POTABLE WATER RESOURCES.

Policy D.4.2.1

The City will continue to support and cooperate with the Northwest Florida Water Management District in carrying out its legislative mandate to manage and protect water resources.

Policy D.4.2.2

The City will provide an annual report to the NFWFMD and updates at the time of the five-year CUP renewal regarding water supply, use of reclaimed water, and conservation.

Policy D.4.2.3

The City will continue to cooperate with the NFWFMD by implementing the established water conservation strategies and techniques designed to preclude emergency potable water shortages.

Policy D.4.2.4

The City will continue to be an active participant and cooperate with the Walton/Okaloosa/Santa Rosa Regional Utility Authority in developing a 20-year plan for a raw water supply for this region.

Policy D.4.2.5

The City adopted a Water Saving Devices Ordinance in 1991 and will continue to reduce the demand for potable water by enforcing the use of water saving devices in new commercial and residential development and in the retrofitting of existing structures upon redevelopment.

Policy D.4.2.6

The City will continue to enforce its wellhead protection ordinance to control development in and adjacent to designated wellheads to protect water supplies from potential contamination.

Policy D.4.2.7

The City will continue to enforce emergency water use plan consistent with that of the NFWFMD Plan.

Policy D.4.2.8

The City will continue to reuse treated wastewater for the irrigation of the golf courses and other suitable areas.

Policy D.4.2.9

The City will maintain a public information program to inform and educate citizens on water conservation techniques, proper irrigation techniques, water shortage notices and other water resource related issues.

Policy D.4.2.10

The City will update the Reclaimed Water Master Plan and Water Conservation Report prepared in August 1997 in order to expand reuse subtypes that reduce demand on the Floridan Aquifer.

Policy D.4.2.11

The City will continue its program of replacing old, inaccurate water meters, with electronic meters with leak detectors, which will reduce water production losses.

OBJECTIVE D.4.3 – THE CITY WILL MAINTAIN A TEN-YEAR WATER SUPPLY PLAN.

Policy D.4.3.1

The City's Ten Year Water Supply Plan will include a work plan for building public, private, and regional water supply facilities, including conceptual design or development of alternative water supplies that are necessary to serve existing and new development.

Policy D.4.3.2

The City will update the Ten Year Water Supply Plan at a minimum of every five years and within 18 months after the governing board of a water management district approves an updated regional water supply plan.

Policy D.4.3.3

The City will implement recommendations of the City of Fort Walton Beach Regional Water Supply Plan. Elements of this Plan for infrastructure improvements and water conservation programs are defined and programmed/projected for funding in the approved Capital Improvement Plan.

Policy D.4.3.4

The City will adopt the water resource development recommendations of the Northwest Florida Water Management District's Regional Water Supply Plan.

Policy D.4.3.5

The City will participate in the updates of the NFWFMD's water supply assessments, and updates of the District Water Supply Plan to enable the City to design and implement an effective water supply plan.

Policy D.4.3.6

The City will adopt and maintain a Water Supply Plan for at least a 10-year planning period addressing water supply facilities necessary to serve existing and future development within the City's water service area and in conjunction with the City's Consumptive Use Permit.

Policy D.4.3.7

The Water Supply Plan will be used to prioritize and coordinate the expansion and upgrade of facilities used to withdraw, transmit, treat, store and distribute potable water to meet future needs.

Policy D.4.3.8

The City will maximize the usage of existing potable water facilities through the implementation of management techniques that can enhance sources of supply, sustain water resources and related natural systems, and/or optimize water supply yields. These techniques may include, but are not limited to, system interconnectivity, reclaimed water usage, and water conservation.

Policy D.4.3.9

The City will examine, to the extent possible, the use of interconnectivity with water facilities of other local jurisdictions as recommended by the NFWFMD Regional Water Supply Plan.

GOAL D.5 – PROVIDE PROTECTION FOR THE RECHARGE OF THE NATURAL GROUNDWATER AQUIFER.

OBJECTIVE D.5.1 – MAINTAIN THE ABILITY OF THE SAND AND GRAVEL AQUIFER TO BE RECHARGED BY RAINFALL.

Policy D.5.1.1

The City will continue to provide regulations within the Land Development Code which insure an adequate amount of pervious surface is maintained on each new development or redevelopment site to permit rainfall to recharge the sand and gravel aquifer.

Policy D.5.1.2

The City will continue to coordinate with the NFWFMD's well permitting program that requires the plugging of identified abandoned wells.