

CITY OF CRESCENT CITY
PUBLIC FACILITIES ELEMENT
GOALS, OBJECTIVES, AND POLICIES

NEFRPC
CRPP

Goal D.1 9J-5.011(2)(a)

The City of Crescent City shall ensure the provision of potable water, sanitary sewer, drainage, solid waste Facilities and services and maintain aquifer recharge meet existing and projected demands identified in this Plan.	8.1.3 8.1.4 16.2.1 17.1.1 17.1.2 17.2.1.
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Objective D.1.1 9J-5.011(2)(b)2

~~Upon Plan adoption, The City of Crescent City shall enforce the adopted Concurrency Management System procedures to ensure that at the time a building permit or other development order is issued, adequate infrastructure facility and supply capacity is available to meet the demand of development without lowering at adopted Levels of Service (LOS) and in accordance consistent with the requirements of the City's Concurrency Management Goals Objectives and Policies as contained in the City's Capital Improvements Element System and Rule 9J-5.0055, FAC.~~

17.2.1.2

Policy D.1.1.1 9J-5.011(2)(c)2

The following level of service standards shall be used as the basis for determining the availability of facility capacity against the demand generated by development.

Facilities Level of Service Standards

A. Potable Water

Main design peak flow 116 gallons per capita per day
Pressure level 67 to 72-lbs/square inch at plant. This Level of Service shall apply to water facilities and water supply.

B. Sanitary Sewer

1. Central Sanitary Sewer System

Avg. Design Flow 92 gallons per capita per day

Peak Design Flow 130 gallons per capita per day

2. Septic Tank/Central Sewer Systems Standards

- (a) No on-site sewage disposal system shall be installed until an "On-site Sewage Disposal System Construction Permit" (HRS-H Form 4016) has been obtained from the Department of Health and Rehabilitative Services. Septic tank sanitary sewage systems shall not be constructed until an application form HRS 4016 is submitted and a construction permit is issued.
- (b) The sizing and location of septic tank sanitary sewer disposal systems shall be in accordance with Chapter 10D-6, sections .044 through .046(f), F.A.C. The design of central sanitary sewer systems shall meet the requirements of Chapter 17600, section .300 and .400 and meet the minimum treatment standards of 17-600.420, FAC.
- (c) Site evaluation for the location of septic tanks shall meet the site evaluation criteria specified in Chapters 100-6.047 and 17-600, Part 1, F.A.C.
- (d) Discharge water quality of wastewater treatment plants shall meet the criteria specified in Chapter 17-600, Part II, F.A.C.

- C. Solid waste 3.35 lbs/person/day
- D. Drainage Facilities
1. Water Quality Ambient water quality shall not be degraded for the St. Johns River, lower portion, below current levels as identified in the DER 1990 Florida Water Quality Assessment Report. Minimum criteria for surface water quality shall meet the standards of 17-302.500 F.A.C. as amended.
 2. Wetland Stormwater Discharge Permits for wetland stormwater discharge shall follow FAC 17-25.042.
 3. Stormwater Discharge Facilities Permits for construction of new stormwater discharge facilities shall follow F.A.C. 17-25.040.
 4. Closed Conduits 10-year frequency, 24-hour duration; IDF curve Zone 5, DOT Drainage Manual 1987.
 5. Open Channels 25-year frequency, 24-hour duration; IDF curve Zone 5, DOT Drainage Manual 1987.
 6. Retention/ Detention Shall meet Saint Johns Water Management District Design Criteria. ~~DER Stormwater Drainage Rule 17.25 (retain the first inch of stormwater for drainage basins over 100 acres; the first one-half inch of stormwater for drainage basins under 100 acres.~~
- E. Traffic Circulation Level of Service "C" for arterial roadways and Level of service "D" for all other roadways.

The standards stated above shall pertain to all new development and redevelopment without exception. The exemption regarding project size thresholds provided in Rule 17-25.040, F.A.C. does not apply for concurrency determinations.

Policy D.1.1.2 9J-5.011 (2)(c)2

17.1.1.3

All improvements for replacement, expansion, or increase in capacity of facilities shall be compatible with the adopted level of service standards for the facilities and that distribution of these facilities/ services is consistent with the Future Land Use Map.

Objective D.1.2 9J-5.011(2)(b)2

~~Upon plan adoption,~~ The City of Crescent City shall take measures to coordinate the extension of, or increase of, facilities to meet future needs, through implementing the following policies.

8.1.4
16.2.1
16.2.1.4
17.1.1.3

Policy D.1.2.1 9J-5.011(2)(c)1

~~Land Development Regulations shall be adopted which require that the City building official ensure that development orders or permits are issued subject to the condition that, at the time of the issuance of a Certificate of Occupancy or functional equivalent, the necessary facilities and services are in place to serve the new development; or at the time the development order is issued, the necessary facilities and services are guaranteed in an enforceable Development Agreement pursuant to FS 163.3220; or an agreement or development order issued pursuant to chapter 380 FS, to be in place and available to serve new development at the time of issuance of certificate of occupancy or its functional equivalent s for new construction will not be issued until a "Certificate of Compliance" has been provided that is conditioned upon availability of infrastructure concurrent with development in accordance with the requirements of 9J-5.055; specifically 9J-5.0055(2 3)(a) for potable water, sewer, solid waste and drainage.~~

16.2.1

Policy D.1.2.1A FS 163.3180 (2)(a)

Consistent with the requirements of FS163.3180 (2)(a), the City shall ensure that adequate water supplies and facilities are available to serve new development at adopted levels of service no later than the date on which the City anticipates issuing a certificate of occupancy and the City shall consult with the applicable water supplier prior to approving a building permit, to determine whether adequate water supplies will be available to serve the development by the anticipated issuance date of the certificate of occupancy or its functional equivalent.

Policy D.1.2.2 9J-5.011(2)(c)1

The City shall prohibit any development that reduces the City's ability to meet the LOS standards adopted for the potable water and sanitary sewer system, solid waste disposal, or drainage.

8.1.4

Objective D.1.3 9J-5.011 (2)(b) 1 and 2

To correct deficiencies as well as to coordinate the extension of facilities to meet future needs, the City shall, adopt, develop and maintain a Five-Year Capital Improvements Schedule of needs for public facilities. This five-year schedule will be updated annually in conformance with a coordinated review process for the Capital Improvement

17.1.2

Policy D.1.3.1 9J-5.011 (2)(c)1

17.1.2

The City Commission shall coordinate, evaluate, and rank capital improvement projects proposed for inclusion in the five-year schedule of capital improvement needs, according to Policy H.1.3.1 and the following priority level guidelines:

Level One - Whether the project is needed to protect public health and safety, and to provide the City's legal commitment to provide services.

Level Two - Whether the project provides service to developed service areas shown for such facilities in the Future Land Use element of this plan.

Level Three - Whether the project represents a logical extension of facilities and services within a designated service area as shown on the City's Future Land Use Map.

Policy D.1.3.2 9J-5.011 (2)(c)1

17.1.2

Projects shall be completed in accordance with the schedule provided in the Capital Improvements Element of this plan.

Policy D.1.3.3 9J-5.011 (2)(c)1

17.1.2

Projects needed to correct existing deficiencies, particularly where the public's health and safety would be jeopardized, shall be ranked and completed as a priority level one in the schedule of programs in the Capital Improvements element.

Policy D.1.3.4 9J-5,011 (2)(c)1

17.1.2.1

As a component of its Concurrency Management procedure the City shall maintain up to date inventories of all public facilities. The Concurrency Management System, then, will provide input to establishing Capital Improvement priorities

Policy 0.1.3.5 9J-5.011 (2)(c)1

17.1.2.2

The City's Capital Improvements Plan shall be coordinated with the Future Land Use element and with the adopted Concurrency Management System.

Objective D.1.3A

Upon Plan adoption, the City shall implement the following policies to correct sanitary sewer deficiencies, coordinate the extension of facilities to meet future needs and to phase out the use of septic tanks within the City limits.

Policy D.1.3A.1

By the year 1995, Crescent City shall have reduced wastewater system leakage by 3 percent

Policy D.1.3A.2

~~By the year 1997, The City shall have prepared continue to plan for expansion of sanitary sewer lines into developing areas in the north central portion of the City and shall have applied apply for grant funding to accomplish physical expansion of the system consistent with growth and planning for expansion into the final north-west portion of the City with construction of service lines dependent upon actual development of properties. south and west of Lake Argenta.~~

Policy D.1.3A.3

The City shall continue to enforce regulations requiring structures to attach sanitary sewer lines to the central wastewater treatment system when usable service lines reach within 200 feet of the structure.

Objective D.1.3.B

~~Upon Plan adoption,~~ The City shall implement maintain the following policies to correct potable water systems deficiencies and provide for future facility needs.

Policy D.1.3.B.1

The City Public Works Director or other designee shall continue to implement the City program for identifying and correcting water losses in the distribution system.

Policy D.1.3.B.2

The City shall continue to implement its policy requiring connection to the central water system of all private well users when water system distribution lines reach within 200 feet of such properties.

Policy D.1.3.B.3

The City, through its Administrative Supervisor, shall investigate opportunities for funding system expansion. These opportunities may include grants, bonding, or private franchising.

Policy D.1.3.B.4

The City, through its Concurrency Management System, shall maintain a continual review of demand, as it relates to development or redevelopment. A determination of priorities that will be established to satisfy this need shall be based upon the standards set forth in Policies D.1.3.1 and H.1.3.1.

Objective D.1.4 9J-5.011 (2)(b)3

17.1.1.3

~~Upon Plan adoption,~~ The City shall discourage urban sprawl and maximize existing facilities by implementing the following policies:

Policy 0.1.4.1 9J-5,011 (2)(c)2

17.1.1.1

The City shall require the use of existing potable water and wastewater treatment facilities if potable water or sewer service is within 200 feet of a subdivision or commercial/industrial development or within 200 feet of a single family unit.

Policy D.1.4.2 9J-5.011 (2)(c)

The City shall pursue development in-fill within areas already serviced by City water/sewer systems through implementing fast-track permitting procedures.

Objective D.1.5 9J-5.011 (2)(b)4

~~Upon Plan adoption,~~ The City shall fully utilize, protect and conserve potable water resources by implementing specific measures in the policies listed below.

8.1.3.1

8.1.3.2

8.1.3.6

Policy D.1.5.1 9J-5.011 (2)(c)3

The City shall conduct a public information program alerting water customers of wasteful water usage practices and promoting responsible and practical use of the water system with the goal of maintaining a potable water level of service requirement of 116 gpd

8.1.3.2

Policy D.1.5.2 9J-5.011 (2)(c)3

Land Development Regulations shall be adopted and implemented ~~by the building official~~ that provide for the use of water-saving measures, such as, limit watering to certain hours during droughts, provide for the use of drought resistant native/natural plants in new construction and promote public education and awareness of the benefits of conserving water through making available at City Hall literature on the subject which is produced by DNR, DER and the SJRWMD.

8.1.3.1

Policy D.1.5.3 9J-5.011 (2)(c)3

The City shall ~~adopt~~, maintain within its zoning and subdivision codes, Land Development Regulation which ~~embody~~ embrace and require Building Construction Standards of Chapter 553, F.S., which states that no new building shall be constructed which employs a tank-type water closet having tank capacity in excess of three and one-half gallons of water, or employs a shower head or faucet that allows a flow of more than an average of three gallons of water per minute at 60 pounds of pressure per square inch. Compliance with this regulation will be determined by the building official at "final inspection" and a "Certificate of Occupancy" will not be provided until the conditions of the regulation have been satisfied.

Policy D.1.5.4

Land Development Regulations shall require that wells no longer in use within the City limits be capped to prevent water loss from the Floridan Aquifer or contamination of the Surficial Aquifers. Whenever such wells are found or are reported to the building official, a notice of the occurrence shall be forwarded to the SJRWMD for action (actual capping of well).

Policy D.1.5.5

Public water wellfields shall be protected from adverse impacts of development by requiring a 100-foot arbitrary fixed buffer of non-polluting land uses Radii Zone around each well head as described in the SJRWMD publication "Guide to Groundwater Protection in Florida", Volume 1, October 1990, page 55.

Non-polluting land uses shall include Recreation and Conservation land uses, low and medium density residential land use and commercial land uses that do not, in their operations, produce, store, use nor sell toxic materials as defined in SARA Title III (consolidated list of hazardous materials).

Any non-conforming land use located within 100 feet of a well serving the public will not be permitted to expand or be improved and will be phased out upon change of ownership.

When sufficient data are provided by the SJRWMD to more accurately calculate appropriate buffer zones around well heads based upon Time-of-Travel (TOT), these 100-foot zones shall be expanded or contracted as the calculation may dictate.

Should later calculations of zones of influence or zones of contribution by the Water Management District find that cones of influence for wells within the Cit are greater or less than 100 feet, the Plan shall be amended through procedures identified in Chapter 163.3187, F.S., to reserve land use in an amount appropriate to provide protection as defined by the Water Management District.

Goal D.2 9J-5.011 (2)(a)

The city shall ensure that natural resources are protected from potential adverse impacts associated with sanitary sewer, stormwater drainage, and with solid waste disposal.

8.2.1
13.2.2

Objective D.2.1 9J-5.011 (2)(b)5

~~Upon plan adoption,~~ The City shall protect surface water bodies from potential sanitary waste disposal/ treatment impacts by enforcing specific measures listed in the policies stated below.

13.2.2.2
13.2.2.3
13.2.2.6

Policy 0.2.1.1

The City shall ~~adopt an ordinance to~~ control the disposal of solid waste through ordinance. This ordinance will establish specific fines for dumping trash along roadways or private property and will require the City to post notices of such fines in locations where such dumping is known to have occurred.

Policy D.2.1.2 9J-5.011 (2)(c)4

By ~~1993~~ 2009 the City shall initiate a City-wide drainage study which will 1) determine the volume, rate, timing, and pollutant load of runoffs where improvements have been made; 2) identify areas which have recurring drainage problems and evaluate the extent to which water bodies are being impacted by the City's stormwater discharges; 3) determine where additional improvements are needed; and 4) prioritize improvements.

8.2.1.
2
8.2.1.

Policy D.2.1.3 9J-5.011 (2)(c)4

8.2.1.6

By ~~1996~~, 2011 the City shall adopt a Stormwater Master Drainage Plan which identifies current drainage problems and sets short and long term priorities for correcting deficiencies and anticipating projected needs. Upon adoption by the City Commission, the Master Drainage Plan will be made part of the Drainage Sub Element to the City's Comprehensive Plan.

Policy D.2.1.4 9J-5.011 (2)(c)4

8.2.1.6

8.3.3.6

9.2.2.2

8.2.1.9

8.3.1.1

8.3.3.4

9.2.2.9

In order to enforce measures that will protect the City from property destruction and environmental degradation prior to adoption of a City Master Drainage Plan, the City shall ~~adopt~~ maintain Land Development Regulations as an interim Stormwater Management Plan which embody the following requirements:

The City Public Works Director or other designee shall implement a routine maintenance program of semiannual inspection of drainage facilities, the costs of which are incorporated into the City's operating budget.

The City shall not permit to be removed buffers of native vegetation adjacent to water bodies and wetlands which provide filtration of pollutants from stormwater runoff. Removal of such buffers shall be subject to fine and a requirement for mitigation.

The City shall design its new streets to direct storm drainage to be filtered through soils and native vegetation before the runoff enters the drainage system.

The City shall require that stormwater runoff from new construction be equal to or less than the amount of runoff present at the site prior to construction activities.

The City ~~Building Official~~ shall not issue a building permit until permits from jurisdictional agencies for dredge and fill, stormwater and drainage are secured.

Policy 0.2.1.5

The City shall continue to coordinate with FDOT to seek means of improving maintenance of drainage facilities along Highway 17.

Policy D.2.1.6 9J-5.011 (2)(c)4

All new development shall be constructed above based flood elevations in accordance with FEMA regulations and policies.

8.3.1.2

Objective D.2.2 9J-5.011 (2)(b)1

The City shall take the following measures to meet the requirements for safe and sanitary disposal of solid waste, as listed in the policies below:

13.2.1.1

Policy D.2.2.1 9J-5.011 (2)(c)4

The City shall ~~negotiate a new~~ maintain a binding agreement with Putnam County wherein the County shall provide sufficient disposal capacity to meet the 3.35 pounds per person per day generation rate that the City projects through the planning period.

13.2.1.1

13.2.1.2

Policy D.2.2.2 9J-5.011(2)(c)2.b

~~By June 1992,~~ The City shall ~~adopt~~ maintain Land Development Regulations ~~which~~ and coordinate with Putnam County to establish procedures for disposal of hazardous waste materials and identify levels of hazardous waste generated.

The adopted Hazardous Waste LDR and or procedures will include:

- a. Disposal of used oil or oily waste must meet the standards of Rule 17-710.400(1) through (6), F.A.C.;
- b. Waste tires must be disposed of in accordance with the standards of Rule 17-711.400(1) through (5), F.A.C.;
- c. Requirements that underground storage tank systems meet the 1992 standards of Table I, Rule 17-761.510, F.A.C.

Business with the potential for generating hazardous waste will be identified. The City Commission will coordinate with Putnam County and the NEFRPC to establish and maintain procedures for the pick-up, transport and disposal of identified hazardous wastes.

Known incidents of illegal dumping of hazardous materials shall be cited by the City police department and the case reported to FDER and EPA for prosecution. Reports of such dumping will be investigated by the City police department and the case turned over to FDEP and EPA.

Policy D.2.2.3

The City shall distribute federal, state and county generated data regarding the handling and disposal of hazardous waste to all business identified as potential generators of such waste and make such literature available at City Hall for all its residents.