

**Proposed Amendment to the  
Martin County Comprehensive Growth Management Plan**

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**REQUEST NUMBER:**

CPA 19-3, Martin County Fairgrounds Utilities Extension  
CPA 19-14, Chapter 10 Sanitary Sewer Service Element

**APPLICANTS:**

Martin County Board of  
County Commissioners

**PLANNER-IN-CHARGE:**

Samantha Lovelady, AICP

Public Hearing	Date	Action
LPA	June 6, 2019	
BCC Transmittal	June 18, 2019	
BCC Adoption	_____, 2019	

**Request:** Amend the following chapters of the Comprehensive Growth Management Plan (CGMP):

- Chapter 4, Future Land Use Element;
- Chapter 10, Sanitary Sewer Services Element; and,
- Chapter 11, Potable Water Services Element

**Staff Recommendation:** Staff recommends approval of the request to amend:

- Chapter 4, Future Land Use Element;
- Chapter 10, Sanitary Sewer Element; and,
- Potable Water Services Element.

**EXECUTIVE SUMMARY**

This request for a text amendment has three parts. First, the Board of County Commissioners (BOCC) initiated an amendment to allow water and sewer services to the future location of the Martin County Fairground. The amendment covers three chapters of the CGMP: Chapter 4, Future Land Use Element; Chapter 10, Sanitary Sewer Services Element; and Chapter 11, Potable Water Services. A Resolution to initiate the amendments was approved by the Board of County Commissioners January 8, 2019. The analysis for this amendment is in Part I of this report.

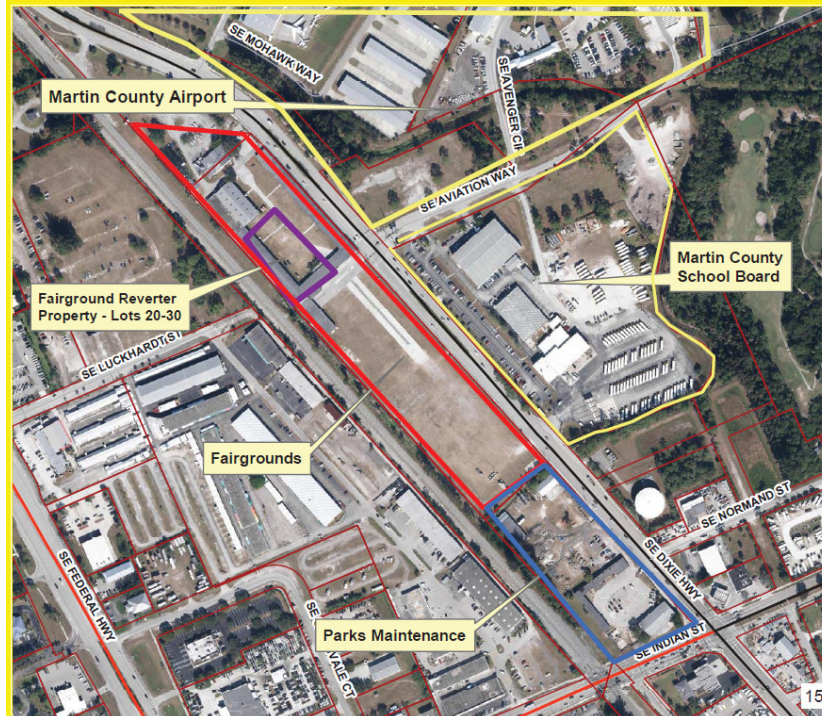
Part II of this report is also a BOCC initiated amendment. During the review of Comprehensive Growth Management Plan policies regarding how water and sewer service is provided, staff has identified that the policy in the Sanitary Sewer element is worded differently than the same policy in the Potable Water Element. The proposed text amendment would provide consistent language for both services. The BOCC adopted Resolution 19-4.3 on April 9, 2019.

Part III of this report is requesting to remove references to the Village of Indiantown, since they are now incorporated.

### Part I – CPA 19-3 Martin County Fairground Utilities

This is a request to amend the text of the CGMP to allow for water and sewer services outside the Primary Urban Service District (PUSD) for the relocation of the Martin County Fairgrounds. The current fairgrounds location is approximately 11.6 acres, partially owned by the Martin County Fair Association (Fair) and partially leased to the Fair by the County. The Fair owns 11 lots within the fairgrounds that were deeded to the Fair by the County in 1964, subject to a reverter provision. The lease between the Fair and the County for the remainder of the 11.6 acres expires on June 18, 2026. The Fair has communicated that the current fairgrounds may not be a viable site for its annual Martin County Fair further than 2019, due to the parking limitations.

Figure 1: Current Location



Martin County owns a 107-acre parcel of land located on the north side of SW Citrus Boulevard, approximately 2,000 feet east of the Indiantown airport (Property). The Board of County Commissioners amended the Future Land Use designation on the Property

from Agricultural to Institutional-Recreation and rezoned the Property to PR, Public Recreation on December 16, 2009. Use as a fairground is consistent with the current Future Land Use and zoning designations.

The Property is outside the PUSD and there is no County owned property large enough to accommodate a fairground within the PUSD. The Comprehensive Growth Management Plan limits the extension of public potable water facilities and regional sewage systems to areas in the Primary Urban Service District; therefore, amendments to three Chapters of the Comprehensive Growth Management Plan are required to allow the Indiantown Company to provide utility services to the Property. A Resolution to initiate the amendments was approved by the Board of County Commissioners January 8, 2019.

Figure 2, below, is a concept plan of the future fairgrounds.

Figure 2



Proposed Text in Chapters 4, 10 and 11

With all the changes to Chapter 4 that include striking out the references to Indiantown, the full chapter is being provided. However, changes specific to this amendment are provided below.

*Policy 4.7A.3.1.* All future development of a use or intensity that requires public urban facilities, including water and sewer, will be permitted only within the Primary Urban Service District, except the following facilities may be served with water and sewer service ~~by the City of Port St. Lucie:~~

- (1) The Martin Correctional Institution, consistent with an interlocal agreement between Martin County, the City of Port St. Lucie and the Florida Department of Corrections for service to be provided by the City of Port St. Lucie.
- (2) The Martin County Fairgrounds, parcel number 03-40-39-000-000-00011-0 and parcel number 34-39-39-000-000-00021-0.

*Policy 4.7A.14. Allowable development outside the Primary Urban Service District.* The following forms of development are recognized exceptions to the general prohibitions on development outside of the Primary Urban Service District set forth in Policies 4.7A.1. through 4.7A.13.:

- (1) The County landfill, parcel number 07-38-40-000-000-00020-7.
- (2) The AgTEC land use category as set forth in Policy 4.13A.9.
- (3) Facilities in Jonathan Dickinson State Park, as set forth in Policy 10.1A.7. and Policy 11.1C.10.
- (4) Seven J's Industrial Area, as recorded in Plat Book 15, Page 97 and/or any replat or redevelopment of the property contained within the plat recorded in Plat Book 15, Page 97.
- (5) Martingale Commons PUD f/k/a Palm City 95 PUD.
- (6) Sheriff's Shooting Range, parcel number 07-38-40-000-000-00030-5.
- (7) Parcel number 28-40-42-000-000-00020-5, parcel number 28-40-42-000-000-00040-1, parcel number 28-42-000-000-00011-0, and parcel number 21-40-42-004-000-00005-0 on S.E. Island Way.
- (8) The Martin County Fairgrounds, parcel number 03-40-39-000-000-00011-0 and parcel number 34-39-39-000-000-00021-0.

## Chapter 10, Water and Sewer Services Element

*Policy 10.1A.10.* An exception to the prohibition of public facilities outside the Primary Urban Service District shall be provided for the Martin County Fairgrounds, parcel number 03-40-39-000-000-00011-0 and parcel number 34-39-39-000-000-00021-0.



*Policy 10.1A.10.11* The County aims to fairly balance developers' ability to economically develop property with the public interest in providing regional wastewater service in the primary urban service district. Development proposals shall not be approved where adequate regional water and sewage facilities cannot be provided, unless the development can meet the requirements for an on-site sewage treatment and disposal system found in Policies 10.2A.7 and 10.2A.8.

*Policy 10.1A.11.12* Package treatment plants shall be prohibited except within the Seven J's Industrial Area and Martingale Commons PUD, provided that the respective project is proceeding in accordance with its timetable of development and conditions of approval.

*Policy 10.1A.12.13* In accordance with Policy 10.1A.8, if there is a gravity sewer line, force main or lift station in a public easement or right-of-way within 500 feet of Seven J's or Martingale Commons, the respective property will be required to connect to these facilities and the construction and/or utilization of package treatment plants or onsite treatment and disposal systems within these developments shall be prohibited...

*Policy 10.1A.8.* Sanitary sewer lines may be extended from the Primary Urban Service District to serve the following previously approved projects provided that the project is proceeding in accordance with its timetable of development, is consistent with all conditions of approval, and is maintaining its schedule of construction or other activities established in the development order.

- ~~(1)~~ ~~Fort Dawson Parcel as described in Comprehensive Plan Amendment 07-10, Indiantown International.~~
- (2) 1 Lots 67, 68, 75, 89, 90, 119 through 122 and lots 191 through 220 of Canopy Creek PUD (f/k/a Tusawilla PUD as recorded in Plat Book 16, Pages 039-001 to 039-036, Public Records of Martin County, Florida).
- (3) 2 Bridgewater Preserve as recorded in Plat Book 16, Pages 033-001 to 033-007, Public Records of Martin County, Florida. Any increase in residential density shall require approval by the Board of County Commissioners for a PUD Zoning Agreement and revised master/final site plan which is consistent with the Rural Density future land use designation and requires that the project connect to the existing potable water and sanitary sewer lines.
- (4) 3 Seven J's Industrial Subdivision, as recorded in Plat Book 15, Page 97 and/or any replat or redevelopment of the property contained within the plat recorded in Plat Book 15, Page 97.
- (5) 4 The County landfill, parcel number 07-38-40-000-000-00020-7.
- (6) 5 Martingale Commons PUD f/k/a Palm City 95 PUD.
- (7) 6 Sheriff's Shooting Range, parcel number 07-38-40-000-000-00030-5.

- (~~8~~ 7) Parcel number 28-40-42-000-000-00020-5, parcel number 28-40-42-000-000-00040-1, parcel number 28-42-000-000-00011-0, and parcel number 21-40-42-004-000-00005-0 on S.E. Island Way.

## Chapter 11, Potable Water Services Element

*Policy 11.1C.11.* Potable water lines may be extended from the Primary Urban Service District to serve:

- ~~(1) Fort Dawson Parcel as described in Comprehensive Plan Amendment 07-10, Indiantown International.~~
- (~~2~~ 1) Lots 67, 68, 75, 89, 90, 119 through 122 and lots 191 through 220 of Canopy Creek PUD (f/k/a Tusawilla PUD as recorded in Plat Book 16, Pages 039-001 to 039-036, Public Records of Martin County, Florida).
- (~~3~~ 2) Bridgewater Preserve as recorded in Plat Book 16, Pages 033-001 to 033-007, Public Records of Martin County, Florida. Any increase in residential density shall require approval by the Board of County Commissioners for a PUD Zoning Agreement and revised master/final site plan which is consistent with the Rural Density future land use designation and requires that the project connect to the existing potable water and sanitary sewer lines.
- ~~(4) A project approved pursuant to a development order that may be issued by Martin County on the Tesoro Groves parcels 05-40-39-000-000-00010-1 and 05-40-39-007-000-00020-2 as described in Official Record Book 02367 Page 0313 through 0317.~~
- (4 3) Seven J's Industrial Subdivision, as recorded in Plat Book 15, Page 97 and/or any replat or redevelopment of the property contained within the plat recorded in Plat Book 15, Page 97.
- (~~5~~ 4) The County landfill, parcel number 07-38-40-000-000-00020-7.
- (~~6~~ 5) Martingale Commons PUD f/k/a Palm City 95 PUD.
- (~~7~~ 6) Sheriff's Shooting Range, parcel number 07-38-40-000-000-00030-5.
- (~~8~~ 7) Parcel number 28-40-42-000-000-00020-5, parcel number 28-40-42-000-000-00040-1, parcel number 28-42-000-000-00011-0, and parcel number 21-40-42-004-000-00005-0 on S.E. Island Way.
- (8) The Martin County Fairgrounds, parcel number 03-40-39-000-000-00011-0 and parcel number 34-39-39-000-000-00021-0.

## Part II – CPA19-14 Sanitary Sewer Services Element

As shown below, the policy in the Sanitary Sewer element is worded differently than the same policy in the Potable Water Element. The proposed text amendment would provide consistent language for both services. Both existing policies are shown below.

*Policy 10.1C.5.* All developments approved in the County's sewer service areas shall donate all needed sanitary sewer collection lines, lift stations, force mains and appurtenances along with suitable easements. In addition, all approved developments shall pay all capital facility costs when service is reserved by the County. This policy shall be implemented by:

- (1) Formation of special assessment districts; or
- (2) Execution of a standard developer's agreement.

*Policy 11.1C.5.:* All development within established potable water service areas shall donate needed water distribution lines and pay all applicable capital facility costs when services are provided by the County. This policy shall be implemented by (a) formation of special assessment districts, or (b) execution of a standard developer's agreement, or (c) execution of an interim agreement in accordance with the Land Development Regulations.

#### Proposed Text Amendment

The proposed text amendment provides consistent language for both potable water and sanitary sewer services.

*Policy 10.1C.5.:* All developments approved in the County's within established sewer service areas shall donate all needed sanitary sewer collection lines, lift stations, force mains and appurtenances along with suitable easements. ~~In addition, all approved developments~~ and shall pay all applicable capital facility costs when services is are reserved by the County. This policy shall be implemented by: ~~(1) (a)~~ Formation of special assessment districts; or ~~(2) (b)~~ execution of a standard developer's agreement; or (c) execution of an interim agreement in accordance with the Land Development Regulations.

*Policy 11.1C.5.:* All development within established potable water service areas shall donate all needed water distribution lines and appurtenances along with suitable easements, and shall pay all applicable capital facility costs when services are ~~provided~~ reserved by the County. This policy shall be implemented by (a) formation of special assessment districts, or (b) execution of a standard developer's agreement, or (c) execution of an interim agreement in accordance with the Land Development Regulations.

#### Analysis

The provision of potable water and sanitary sewer service is governed by the policies found in Chapters 10 and Chapters 11. Both services are usually provided at the same time to new development. The Utilities and Solid Waste Department uses a standard agreement for the reservation of capacity and the payment of capital facility connection charges.

Requiring all capital facility charges for sanitary sewer services at time of reservation is not the same as at time of provision, as allowed in the Potable Water element. These provisions should be consistent especially when the developer is using one of the mechanisms already stated within the policies.

### **Part III – References to Indiantown**

References to Indiantown are removed from Chapter 4, Future Land Use Element, Chapter 10, Sanitary Sewer Services Element, and Chapter 11, Potable Water Services Element/10 Year Water Supply Facilities Work Plan, are provided as attachments as full chapters.

#### Attachments:

- Chapter 4, Future Land Use Element
- Chapter 10, Sanitary Sewer Services Element,
- Chapter 11, Potable Water Services Element/10 Year Water Supply Facilities Work Plan
- Resolutions to Initiate the Text Amendments
- Advertisement for Public Hearings



Chapter 4 FUTURE LAND USE ELEMENT

**Chapter 4 FUTURE LAND USE ELEMENT**

Adopted:	February 20, 1990	By Ordinance No. 373
Amended:	July 9, 1991	By Ordinance No. 400
Amended:	October 22, 1991	By Ordinance No. 403
Amended:	October 27, 1992	By Ordinance No. 419
Amended:	March 2, 1993	By Ordinance No. 423
Amended:	October 26, 1993	By Ordinance No. 430
Amended:	September 13, 1994	By Ordinance No. 448
Amended:	November 29, 1994	By Ordinance No. 450
Amended:	December 15, 1998	By Ordinance No. 537
Amended:	September 28, 1999	By Ordinance No. 555
Amended:	September 25, 2001	By Ordinance No. 598
Amended:	December 11, 2001	By Ordinance No. 606
Amended:	May 27, 2003	By Ordinance No. 630
Amended:	December 16, 2003	By Ordinance No. 638
Amended:	October 5, 2004	By Ordinance No. 654
Amended:	December 7, 2004	By Ordinance No. 658
Amended:	May 24, 2005	By Ordinance No. 668
Amended:	September 6, 2005	By Ordinance No. 675

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Chapter 4 FUTURE LAND USE ELEMENT

Amended:	December 6, 2005	By Ordinance No. 687
Amended:	August 7, 2007	By Ordinance No. 758
Amended:	August 7, 2007	By Ordinance No. 765
Amended:	December 11, 2007	By Ordinance No. 776
Amended:	December 11, 2007	By Ordinance No. 777
Amended:	December 11, 2007	By Ordinance No. 781
Amended:	December 11, 2007	By Ordinance No. 782
Amended:	February 12, 2008	By Ordinance No. 787
Amended:	April 29, 2008	By Ordinance No. 795
Amended:	April 29, 2008	By Ordinance No. 796
Amended:	August 5, 2008	By Ordinance No. 803
Amended:	May 19, 2009	By Ordinance No. 822
Amended:	December 16, 2009	By Ordinance No. 840
Amended:	December 16, 2009	By Ordinance No. 845
Amended:	March 16, 2010	By Ordinance No. 857
Amended:	August 10, 2010	By Ordinance No. 870
Amended:	August 10, 2010	By Ordinance No. 877
Amended:	August 10, 2010	By Ordinance No. 879

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Chapter 4 FUTURE LAND USE ELEMENT

Amended:	August 10, 2010	By Ordinance No. 880
Amended:	August 10, 2010	By Ordinance No. 882
Amended:	December 14, 2010	By Ordinance No. 888
Amended:	January 10, 2012	By Ordinance No. 907
Amended:	July 10, 2012	By Ordinance No. 913
Amended:	November 13, 2012	By Ordinance No. 921
Amended:	December 16, 2014	By Ordinance No. 965
Amended:	December 20, 2015	By Ordinance No. 984
Amended:	August 13, 2013	By Ordinance No. 938
Amended:	December 10, 2013	By Ordinance No. 946
Amended:	July 8, 2014	By Ordinance No. 957
Amended:	May 24, 2016	By Ordinance No. 997
Amended:	July 25, 2017	By Ordinance No. 1025
Amended:	August 22, 2017	By Ordinance No. 1032
Amended:	February 27, 2018	By Ordinance No. 1050
Amended:	August 21, 2018	By Ordinance No. 1080

**Acronyms used in this chapter:**

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Chapter 4 FUTURE LAND USE ELEMENT

CGMP	Comprehensive Growth Management Plan
COR	Commercial Office/Residential
CR	County Road
CRA	Community Redevelopment Area
F.A.C.	Florida Administrative Code
FAR	Floor Area Ratio
FLUM	Future Land Use Map
F.S.	Florida Statutes
GC	General Commercial
GIS	Geographic Information System
LC	Limited Commercial
LOS	Level of Service
MUO	Mixed Use Overlay
NWI	National Wetlands Inventory
PUD	Planned Unit Development
SR	State Road
USD	Urban Service District

[Section 4.1. Background](#)

[Section 4.2. Analysis of Land Use Features](#)

[Section 4.3. Future Land Use Map \(Year 2025\) and Map Series](#)

[Section 4.4. Goals, Objectives and Policies](#)

**Section 4.1. Background**

4.1.A. *Land use profile.* Martin County possesses a unique and valuable mix of physical and manmade resources centered around the Atlantic Ocean, St. Lucie Inlet, estuaries of the St. Lucie River, Indian River, Loxahatchee River, Lake Okeechobee and the urban and rural land areas linking these features. Martin County's total land area consists of approximately 344,316 acres or 538 square miles.

4.1.B. *Existing land use assessment.* Table 4-1 lists the existing land uses and the acreage of those land uses for unincorporated Martin County. The existing land uses are categorized by Department of Revenue Codes (DOR) and are assigned by the Martin County Property Appraiser to each property based upon the actual use of the land. The data listed in Table 4-1 can be seen graphically in Figure 4-1, 2010 Existing Land Use Map, identified and adopted as part of this Plan.

**Editor's note**— Figure 4-1 is on file in the office of the Martin County Growth Management Department.

**Table 4-1**

Existing Use	Acres
No category assigned	25.05
0000 Vacant Residential	5491.57
0100 Single-Family	20256.89
0110 Single-Family Transitional	57.23
0200 Mobile Home	649.33
0300 Multifamily ≥10 units	220.38



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0400 Res Mobile Home Condo	16.11
0400 Residential SFD Condo	.28
0004 Vacant Condo	.06
0400 Residential Condo	.40
0482 Condo Recreation Area	7.54
0500 Cooperative	185.33
0600 Retirement Home Not Elig 196.192	.56
0700 Misc Residential Imp	364.93
0800 Duplex	198.31
0803 Triplex Income Producing	35.33
0804 Quadriplex Income Producing	31.92
0812 Multifamily Apts < 10	52.19
1000 Vacant Commercial	707.83
1001 Commerc. Transition Prop	2.14
1100 Stores 1-Story	174.30
1200 Mixed Use/Store/Office	69.49
1204 Mixed Use Condo	.61
1300 Department Store	39.58

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1400 Supermarkets	1.99
1500 Regional Shopping Center	53.76
1600 Community Shopping Center	355.68
1700 Office Bldg Non-prof 1-Story	59.36
1800 Office Bldg Non-prof Multi-Story	19.18
1900 Prof Serv/Medical Offices	46.15
2000 Marina/Air/Bus Terminals	156.16
2100 Restaurant/Cafeterias	47.12
2200 Drive-in Restaurants	12.59
2300 Financial institution	42.32
2500 Repair Service Shops	18.31
2600 Service Station	42.06
2700 Auto Sales/Repair	68.88
2800 Mobile Home Parks, Parking Lots	430.06
3000 Florist Greenhouses	.79
3300 Nightclub Bars Lounges	1.01
3400 Bowling Alley/Skating Rink	27.77
3500 Tourist Attrn/Perm Exhib	30.53

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3800 Golf Course/Driving Range	5267.57
3900 Hotels/Motels	43.44
4000 Vacant Industrial	829.60
4100 Light Equipment Mfg	135.87
4200 Heavy Equipment Mfg	6.24
4300 Lumber Yards, Sawmills	48.52
4500 Cannery Fruit/Veg/Brewers	82.84
4700 Minrl Process Cement Phosp	358.82
4800 Warehouse Distribution Term	400.55
4804 Warehouse Condo	7.22
4900 Open Storage Junk Yard	73.08
5000 Improved Ag Stables	3294.06
5200 Cropland Soil Cpcty CLII	16971.63
5300 Cropland Soil Cpcty CLIII	27192.41
5700 Timber Site Index 4	2649.53
6300 GrazLD Soil Cpcty CL III	92839.24
6400 GrazLD Soil Cpcty CL IV	27384.24
6500 GrazLD Soil Cpcty CL V	1682.34

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6600 Orchard Groves Cltrus, Etc.	6791.33
6700 Poultry, Bees, Trop Fish, Etc.	838.70
6900 Ornamentals Misc Agric	4798.14
7000 Vacant Institutional	84.73
7100 Churches	671.51
7200 Private Schools/Colleges	248.12
7300 Privately Owned Hospitals	20.96
7400 Homes for the Aged	75.94
7500 Orphan/Nonprofit/Charity	713.63
7600 Mort/Cemeteries/Cremat	100.41
7700 Clubs, Lodges, Union Halls	31.65
7800 Sanit/Convalescent Home	27.10
8300 Public County Schools	617.01
8500 Hospitals	20.06
8600 Cnty other than prev cvrd	7145.44
8700 St other than prev cvrd	64650.94
8700 St other than prev cvrd	121280.29*
8800 Fed other than Prev cvrd	2249.18

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8900 Muni other than prev cvrd	289.02
9100 UtilityGasElectricTelep	11804.11
9109 HmOwn NoVal Utility Res	24.73
9149 HmOwn NoVal Utility Condo	6.21
9400 Right-of-Way Streets/Roads	850.72
9409 HmOwn NoVal ROW, Res	2326.31
9449 HmOwn NoVal ROW, Condo	1178.81
9499 ComAssn NoVal ROW, Comm	14.76
9500 RiversLakesSubmergedLands	525.80
9509 HmOwn NoVal RvrsLakes Res	2680.52
9549 HmOwn NoVal RvrsLakes Condo	26.86
9599 ComAssnNoValRivrLakesCom	117.62
9600 SewageDisposalSolidWaste	2.98
9700 Outdoor Rec Park Lands	461.54
9709 HmAssn NoVal RecArea, Res	3176.14
9749 HmOwn NoVal RecArea, Condo	198.43
9800 Central Assess Railroads	1078.76
9900 Vacant Acreage	16610.26



Chapter 4 FUTURE LAND USE ELEMENT

9901 Improved AC No Classed Ag	1236.24
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\*Acreage with parcel for Lake Okeechobee

Table 4-2 lists the future land use designations by acreage for Martin County based on data in the Geographical Information System (GIS). Although the GIS renders a better approximation of land use allocation, it is an approximation, not an exact, survey-grade calculation.

The land use inventory assessment reveals that major urban development continues in the coastal area between the Sunshine State Parkway (Turnpike) and the Atlantic Ocean. The most intense urbanization fans out from Stuart, the urban core of Martin County. West of the Turnpike the County has remained largely agricultural, with older, rural residential developments and mobile home developments supplemented by subdivisions of 20-acre lots. A western urban core occurs in the Indiantown area along the State Road 710 corridor.

Table 4-2  
Existing Land Uses at Time of Evaluation and Appraisal Report 2009 and 2017

Future Land Use	Total Acreage		Developed Acreage		Wetland Acreage*		Undeveloped Acreage	
	2009	2017	2009	2017	2009	2017	2009	2017
Agricultural	191,473	189,060	127,207	172,745	39,031	39,011	25,235	16,316
AgRanchette	29,970	28,752	20,932	25,672	5,884	5,468.08	3,154	3,080
AgTEC	NA	1,735	NA	1,735	NA	5	NA	0.00
Rural Heritage	382	380	308	336	15	13	59	43
Rural Density Residential (0.5 upa)‡	13,568	9,932	7,210	8,378	2,855	1,893	3,503	1,553
Estate Density Residential (1 upa) ‡	1,961	1,957	1,780	1,885	181	181	0	72

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Estate Density Residential (2 upa) ‡	13,111	12,148	10,758	11,325	1,678	1,411	675	823
Low Density Residential (5 upa) ‡	14,353	13,846	11,776	12,732	1,321	1,218	1,256	1,114
Medium Density Residential (8 upa) ‡	2,516	2,502	2,210	2,023	134	132	172	479
High Density Residential (10 upa) ‡	573	591	554	529	4	5	15	62
Mobile Home Density Residential (8 upa) ‡	1,330	1,302	1,189	1,208	85	85	56	93
Commercial General	1,692	1,633	1,291	1,351	99	94	302	282
Commercial Limited	355	337	273	252	7	7	75	85
Commercial Office Residential	643	680	427	469	23	27	193	212
Commercial Waterfront	460	530	388	396	34	33	38	134
Industrial	4,877	4,982	2,389	4,166	751	751	1,737	815
Power Generation	11,510	11,510	10,056	11,502	1,449	1,499	5	5
General Institutional	3,309	3,312	3,001	3,204	208	210	100	108
Recreation	1,532	6,459	795	6,456	282	1,542	455	2
Public Conservation	44,161	45,582	NA	45,574	11,593	12,098	32,568	7.35

Chapter 4 FUTURE LAND USE ELEMENT

Incorporated	6,105	6,212	NA	NA	NA	NA	NA	NA
Blank	143	3,581			NA		NA	
Water	292	238			NA		NA	
Totals	344,316	347,258	202,544	311,936	65,634	65,682	69,598	25,287

\* Wetland acreage is based on four data sets in the Composite Wetlands Map: (1) Hydric+NWI; (2) Satellite+hydric; (3) Sat.+NWI; (4) Sat.+hydric+NWI.

‡ upa = units per acre

NA = not applicable

Source: GIS/SDE database linked with Property Appraiser's database.

Methodology of Table 4-2:

In 2009 and in 2017 the acreage of wetlands was determined using the County's Composite Wetlands Map. This map, adopted as Figure 9-1 of the Comprehensive Growth Management Plan (CGMP) is made up of 1981 hydric soils data, 1985 National Wetlands Inventory data and satellite classification data (Thematic Mapper and SPOT data) from multiple years. Areas indicated as wetlands by any two of the three sources were assumed to be wetlands. This has been the practice for numerous County studies between 2001 and 2017. Editor's note— Figure 9-1 is on file in the office of the Martin County Growth Management Department.

The 2009 data was generated by joining the GIS Future Land Use database with the 2009 Property Appraiser's database. Likewise, in 2017 the GIS Future Land Use database was joined to the 2017 Property Appraiser's database. Each of these is a separate snapshot in time because each data base changes with time. As ownership changes and use of the land change, the Property Appraiser changes the Department of Revenue (DOR) codes on properties. Selected DOR codes identified by DOR as "vacant" are calculated for each future land use designation. The following vacant DOR codes were queried; 100, 107, 670, 700, 800, 990, 991, and 992. The Property Appraiser's Department of Revenue codes were created for taxation purposes, not for land use planning. For example, a parcel that may appear vacant to a passerby may have, for taxation purposes, Department of Revenue code 364. That code means that cattle graze on the property.

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For the purpose of land area estimation, unincorporated Martin County, the undeveloped acreage identifies the amount of land area that could potentially be developed within a land use designation. Additionally, the County uses land development and environmental protection regulations to ensure that development is consistent with the CGMP.

**Editor's note**— Figure 9-1 is on file in the office of the Martin County Growth Management Department.

For the purpose of land area estimation, unincorporated Martin County land is either developed acreage (DVA), wetland acreage (WA) or undeveloped acreage (UDVA), adding up to total acreage (TA). Thus,  $TA = DVA + WA + UDVA$ . Conversely,  $UDVA = TA - DVA - WA$ . The undeveloped acreage identifies the amount of land area that could potentially be developed within a land use designation. Additionally, the County uses land development and environmental protection regulations to ensure that development is consistent with the CGMP.

## Section 4.2. Analysis of Land Use Features

4.2.A. *Land use issues.* Martin County has experienced steady population growth over the years. All available evidence supports the premise that this population expansion will continue into the foreseeable future. Such growth will increase the pressure for urbanization, at the possible expense of agriculture uses and the natural environment. Therefore, it is important for the Board of County Commissioners and the citizens of the County to address growth and its associated impacts as a primary concern.

Many considerations need to be weighed in developing a growth management strategy. For example, a balance should be struck between the needs of the population and those of the natural systems in order to maintain the integrity of both. Specific land use issues that must remain in the forefront of growth management planning include the planned use of coastal areas and vacant lands, preservation of natural resources, provision of public services and utilities, and maintenance of agriculture as a strong economic force. These issues are discussed below and detailed in relevant chapters.

- (1) *Coastal area land uses.* The coastal area shall be synonymous with the Coastal High Hazard Area as defined in Chapter 2 and identified in Figure 8-5, Coastal Area Land Use, in the Coastal Management Element (Chapter 8).

**Editor's note**— Figure 8-5 is on file in the office of the Martin County Growth Management Department.

Figure 8-1 identifies public access points (i.e., boat ramps and public parks) and land zoned for waterfront commercial uses. Areas are identified for existing and future water-related land uses (i.e., restaurants, hotels/motels, boat yards and marinas). Additionally, urban uses are mapped as a general category to reflect

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the character and intensity of developed areas in the coastal zone. The relatively less extensive areas of underdeveloped or vacant land in the coastal zone are identified.

Figure 8-1 illustrates the concentration of water-dependent and water-related uses in such areas as the Manatee Pocket, Jensen Beach/Indian River Drive, SR 707/Rio, Indiantown and beginning along Hobe Sound adjacent to U.S. Highway 1 in the south County. While extensive areas of public holdings are evident, much of the coastal zone remains in private ownership. Planning for these private land uses has been a primary concern for Martin County. While significant public access points are located along the beaches and estuary rivers, a balance has been sought to control the often competing and incompatible areas of waterfront residential use with the water-dependent/related commercial and industrial uses. Therefore, the Future Land Use Map (FLUM) has been closely monitored to provide opportunities for both activities while recognizing the capacity limitation in Martin County's coastal zone.

**Editor's note**— Figure 8-1 is on file in the office of the Martin County Growth Management Department.

Rapid consumption of this land for residential acreage has left limited opportunities to introduce new waterfront commercial activities, except in redevelopment scenarios. Residential uses have always been an option in the Marine Waterfront Commercial future land use designation in Goal 4.13. Martin County added a no-net-loss policy to prevent the conversion of existing Marine Service Areas to permanent residential uses; conversion of a Marine Service Area requires the creation of a new Marine Service Area to ensure no net loss. All new or reuse proposals to incorporate such development must assure that any potential negative impacts to established residential areas are minimized.

Properly located and adequately planned mixed-use developments are encouraged to provide public access to the water, provide for diversity and protect stable residential neighborhoods, which are to be enhanced and benefited by the nonresidential uses being proposed as neighboring land uses. Although this type of mix can be found in some planned unit developments (PUDs), more emphasis needs to be given to carefully selected commercial enterprises that protect existing neighborhoods. This approach will provide the immediate benefit of increased tax dollars and will also add to the tourist industry and the County's long-term economic base. Opportunities to introduce a more balanced use of the coastal areas can be found in the vacant parcels remaining. Redevelopment areas include the Jensen Beach/Indian River Drive Area, Rio, Indiantown, Port Salerno, which is the location of the Manatee Pocket, Hobe Sound and Jupiter Sound.

In general, uses in the coastal area should be balanced among those that help conserve environmental resources, provide recreational opportunities, support



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tourism and redevelopment, and enhance the local economy. As such, residential uses should be considered for integration with mixed use redevelopment projects. Nonresidential uses should be required to be consistent with policies established in the Coastal Management Element, should comply with the policies for location in Goal 4.13., and should generally be required to make any of the following uses compatible with existing residential neighborhoods:

- (a) Boating and marine-related businesses;
  - (b) Businesses that provide the public an opportunity to enjoy water views, such as restaurants, and also enhance the local tourist industry;
  - (c) Businesses or groups of businesses that allow pedestrian activities in a waterfront environment, such as shopping and eating and drinking establishments;
  - (d) Recreational uses, particularly fishing, boating, swimming and related uses, and unique uses such as outdoor concert facilities.
- (2) *Recreational land uses.* An important factor for determining appropriate recreational facilities for an area is the age structure of the population. Table 4-3 shows that the 65 and older age cohort will remain the largest component of the population in Martin County. The more active lifestyle of retirees and younger population groups require the County and other providers of recreation services to anticipate and plan for community parks that provide for a full range of facilities and opportunities. Martin County parks must continue to be planned to accommodate the diverse needs of the County's population groups, which are more specifically identified in the Recreation Element (Chapter 7) and the Parks and Recreation Master Plan.

**Table 4-3  
Population Projections by Age for Martin County, 2020-2045**

Age	Estimate	Projections					
	2016	2020	2025	2030	2035	2040	2045
Total	150,870	157,481	164,293	169,749	174,300	178,077	181,321
0—4	5,861	6,204	6,691	6,923	7,060	6,976	7,040
5—17	18,577	18,356	18,356	18,855	19,749	20,436	20,626
18—24	10,053	9,942	9,856	9,818	9,437	9,955	10,579

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25—54	47,679	47,575	48,302	50,435	53,087	54,091	55,006
55—64	24,395	26,579	25,014	20,964	18,645	19,827	22,063
65—79	30,675	34,096	39,074	43,039	43,604	39,538	34,912
80+	13,630	14,711	17,000	19,715	22,718	27,254	31,068

Source: Bureau of Economic and Business Research, Florida Population Studies, Bulletin 178, June 2017.

- (3) *Land uses to enhance the economic base.* Table 4-4 compares employment distribution by major industry groupings for the State and Martin and Palm Beach Counties. Palm Beach County is used for comparison since it is immediately to the south.

Table 4-4 shows that certain industries employ greater proportions of the labor force in Martin County relative to the State. These are agriculture, forestry, fishing and hunting; construction; and arts, entertainment and recreation. Martin County has lower representation than the State in transportation, information/communications and wholesale trade.

In 2000, the largest employment categories in the County were retail trade, health care and social assistance, and construction. Retail trade is dominant due to the high number of seasonal residents, particularly senior citizens and tourists. The spending by seasonal residents and tourists on goods and services brings money into the local economy and thus contributes to the economic base.

**Table 4-4**  
Employment Comparison by Industry:  
**Percentage of Employment by Major Industry Groups for the State, Palm Beach County and Martin County 2017**

Employment by Industry	Florida (percent)	Palm Beach County (percent)	Martin County (percent)
Natural Resource and Mining	0.9	1.3	0.9
Construction	5.7	5.7	7.8

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Manufacturing	4.3	3.2	4.9
Trade, Transportation and Utilities	20.6	19	20.6
Information	1.6	1.7	1.1
Financial Activities	6.5	6.6	4.1
Professional and Business Services	15.5	17.4	12.4
Education and Health Services	14.8	16.2	20.1
Leisure and Hospitality	14.1	14.5	15.1
Other Services	3.3	4.3	4.0
Government	12.6	10.2	9.0

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- (4) *Land use coordination with abutting jurisdictions.* The County has identified mechanisms and programs to enhance coordination with adjoining local jurisdictions and municipalities. The Intergovernmental Coordination Element (Chapter 3) provides the specific means to assure maintenance of land use compatibility. This coordination includes County review and comment on proposed annexations, land use, zoning and site plan approval procedures and applications.
- (5) *Vacant land use suitability.* The County requires urban development to locate in the urban service districts. Vacant land in these districts should be used for in-fill development to minimize leapfrog development. In-fill development within the urban service districts provides for cost-effective use of existing and planned infrastructure improvements.

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**Figure 4-2**  
**Urban Service District Boundaries Map**

As of December 6, 2005 the black and white drawing (8.5 x 11 inch) of the Urban Services District map was replaced with a map produced in the Geographic Information System at the same scale as the FLUM series.

**Editor's note**— Figure 4-2 is on file in the office of the Martin County Growth Management Department.

- (6) *Natural resources and vacant land potentials.*
  - (a) *Soils and natural resources.* In western Martin County, the greatest amount of vacant land is in the Port Mayaca area near Lake Okeechobee. Most of the soils range from the Pineda-Riviera-Boca series to the Okeelanta variant mucks along Lake Okeechobee. As such, this area is mostly suitable for agriculture. Vacant acreage in the Indiantown area (associated with soils of the low ridges and knolls) is suitable for urban development and lies in the urban service districts. (Refer to the Soil Survey of Martin County, Florida Area, Figure 4-3, which is incorporated into the CGMP by reference.)

**Editor's note**— Figure 4-3 is on file in the office of the Martin County Growth Management Department.

The south County area is dominated by Salerno-Jonathan-Hobe soils and soils of the flatwoods west of the Coastal Ridge and east of the Turnpike. Except for isolated intrusions of the estuarine system, from the Loxahatchee River on the south and the St. Lucie River on the north, this area is suitable for urban development. However, much of the area is removed from the urban core, so essential services would be provided from the south. Urban development is encouraged in the urban services area (Figure 4-2) along major arterial roadways.

The Coastal Ridge, also in the south County planning area, is characterized by Paola-St. Lucie sandy soils with Palm Beach-Canaveral soils to the east. The complex slopes of the Coastal Ridge, while developable, are fragile. They must be maintained wherever possible for conservation or recreation. In addition, the uplands of the Coastal Ridge and adjacent coastline along the Indian River from the south County line to the St. Lucie Inlet have been designated an aquatic preserve and manatee sanctuary by the Florida Department of Environmental Protection. This designation may limit development of boat docking facilities and precludes certain waterfront commercial activities in any of the vacant lands in this area. More intensive development opportunities for the Port Salerno/SR 76 Corridor Area exist in the area north of Cove Road and the Hobe Sound area just west of U.S. 1, as natural extensions of urbanization to the north and east.

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With the exception of Hutchinson Island, the remaining planning areas surrounding the urban core of Stuart are both subject to development pressure and most readily available for planned expansion of urban services and facilities. This is where in-fill should be encouraged. The County has made progress in minimizing densities on Hutchinson Island and in many of the designated coastal areas discussed above. The Bessie series of soils that characterize the tidal swamps are located along the St. Lucie Canal and Okeechobee Waterway from the south fork of the St. Lucie River to State Road 76 (Kanner Highway). Some residential development has already occurred in this area. However, future development should be low intensity and regulated to assure preservation of environmentally sensitive natural communities.

- (b) *Natural resource limitations on the uses of land by general category.* Although the soil survey for Martin County is one reference for site-specific natural resource information and is relied on for wetland/upland soil and vegetative analyses and topographic features, the County has devised an identification tool to provide more comprehensive data on soils and wetlands. Martin County uses the Composite Wetland Map (Figure 9-1, in the Conservation and Open Space Element, Chapter 9) to identify the approximate location of potential wetlands. The map consolidates many data sources into one useful tool. It consists of 1981 hydric soils data, 1985 National Wetlands Inventory data, satellite classification data (Thematic Mapper and SPOT data) and Martin County environmental field data. Additional data sources will be considered as they become available.

**Editor's note**— Figure 9-1 is on file in the office of the Martin County Growth Management Department.

In conjunction with Martin County's continuing analysis of the location of future land uses, strict development regulations have been put into effect. As a result, the FLUM designations restrict the type and intensity of uses that can be supported. As an overall environmental constraint, all development must preserve wetlands and native uplands on-site in grouped, clustered orientation with relationship to off-site regional natural resources, in accordance with the policies in the Conservation and Open Space Element (Chapter 9) and the Coastal Management Element. In addition, septic tanks for nonresidential and residential uses are subject to the restrictions in the Sanitary Sewer Services Element (Chapter 10). Natural resource constraints by general land use categories are summarized as follows:

- 1) Single-family residential developments must have natural area preserves (wetlands and native upland areas) set aside for common open space, controlled by a central homeowners association. The common open space generally assures that the net density of the

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entire tract is lower than the density allowed by the FLUM. Where this land use type depends on septic tanks, development on suitable soils is required. Lower density and/or clustered residential developments are generally better suited to environmentally sensitive areas because they can preserve large, contiguous natural areas and reduce impervious surfaces.

- 2) Multifamily residential projects can cluster the density and recoup some of the density lost to open space by transfer of development potential to more suitable upland portions. The common open space, in natural resource preserve areas, is similarly preserved and maintained in its natural state.
- 3) Commercial office and residential land uses are similar to multifamily areas. Natural preserve areas are incorporated in the development plan and maintained continuously. This category of uses should not generally be located in areas of extensive environmental sensitivity due primarily to significant lot sizes and the potential for runoff. However, compared to other commercial and industrial uses, commercial office and residential uses typically have less impact on the environment.
- 4) Limited and general commercial areas are restricted both in the intensity of site use (due to natural area preserve requirements) and in the type of use. Fuel service and other uses that could adversely affect the groundwater table are controlled by the Wellfield Protection Regulations. This category of uses should not generally be located in areas of extensive environmental sensitivity due primarily to significant lot sizes and the potential for runoff. Overall, general commercial uses have a greater impact on environmental resources than limited commercial uses.
- 5) Waterfront commercial uses are constrained by the limited access to the water. While the Coastal Management Element encourages this activity on sites that are not environmentally sensitive, all waterfront property, particularly multislip commercial docks, is controlled by the Boat Facilities Siting Plan and the Manatee Protection Plan (referenced in the Coastal Management Element).
- 6) Industrial uses are located most suitably in urban areas with access to transportation and proximity to markets/employees. Wetland and upland preservation areas are assured of continued viability by control of drainage outfall and other potentially noxious activities. Industrial runoff and waste products are regulated by the Wellfield Protection Regulations. Industrial uses generally have the greatest potential for environmental damage and should not be located in areas of extensive environmental sensitivity due primarily to significant lot sizes and the potential for runoff.

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- 7) Agricultural uses must preserve wetland areas on-site. The wetland policies found in the Conservation and Open Space Element must be followed to ensure protection and preservation of on-site wetlands. Agricultural use of the land also must preserve native upland areas on-site or pay a fee-in-lieu-of that contributes to native upland preservation in another location. Agricultural uses are required to preserve 25 percent of endangered, threatened or rare upland native habitat and 10 percent of common upland native habitat. Many low-intensity agricultural uses such as range (pasture) land can be compatible with environmentally significant resource areas.
  - 8) Institutional development, whether for community-related services or for park and recreation development, is expected to preserve environmentally sensitive areas on-site. Intensive uses such as civic buildings can have negative environmental impacts and should not generally be located in significant natural resource areas.
  - 9) Public utilities and major power generation facilities are intensive users of land. Although the majority of the acreage reserved for Florida Power & Light's use in ~~Indiantown~~ involves the reservoir for cooling water, such areas as the Barley Barber Swamp and the preserve area north of the existing power plant must be maintained in their natural state.
  - 10) Private conservation areas should be set aside for permanent open space/natural preserves.
- (c) *Preservation areas and vacant land.* Residential use of land near or on the coast, other water bodies or wetlands can threaten preservation of the very attributes that make the area attractive for growth. Such development should be planned to minimize that threat by assuring that environmentally sensitive and threatened habitats are preserved.

Certain areas in Martin County are recognized by federal, state and local programs as environmentally sensitive. Some of these are identified as lands to be protected by the Indian River Lagoon (South) Restoration Plan, Save Our Rivers, Florida Forever and other restoration programs recognized by Martin County. To implement the objectives of Policy 9.1K.1. and Section 13.2.E. and to encourage implementation of recognized land protection programs, Martin County has adopted policies under Objective 4.5F encouraging agricultural preservation, conservation of public open space and restoration of natural areas. These areas provide special public benefits, including recreational opportunities, life support services, tourism, commercial and sport fishing, scenic values, water purification, water recharge and storage, and sensitive habitats critical to the survival of endangered wildlife and plants.

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Urban development in or adjacent to environmentally sensitive areas can significantly reduce their environmental values.

- (d) *Agricultural use and vacant land.* Agriculture is one of the County's major exporting industries. It is concentrated at locations where soils, climatic conditions and other market and industry factors are especially suitable for crops such as citrus, vegetables and sugar cane.

As population growth continues and available land suitable for urbanization along the Coastal Ridge declines, development pressure will heighten on significant interior agricultural areas. This pressure can come in the form of higher land values for urban use, resulting in speculation and conversion to urban development. The loss of agricultural lands through urban encroachment adversely affects this export industry, as well as the entire service industry, which employs pickers, processors, refiners, shippers and similar workers. Agricultural land is not viewed by Martin County as vacant land use. Agricultural activities are vital to the continued diversity and health of the community. Lands used for agricultural purposes are to be protected for future benefits and community identity.

- (e) *Natural vegetation and vacant land.* Vegetation has many uses for people. Besides providing habitat and food for wildlife, it produces oxygen, removes carbon dioxide, absorbs nutrients in waste, purifies the air and reduces soil erosion. A visible part of the only subtropical area in the continental United States, natural vegetation in Martin County is a strong attraction for many tourists and for permanent residents.

Urban development frequently removes or alters much of the County's natural vegetation. In many cases this is unnecessary and could be avoided. Many species, such as mangroves in coastal areas, are essential to the integrity and maintenance of the lands they occupy. Studies have shown enhanced value of residential property where native vegetation is preserved. The natural communities and their value for the planned future of Martin County are detailed in the Conservation and Open Space Element.

- (7) *Public services supporting development.* The cost of energy is increasing as the supply diminishes. This cost is affecting the County's public service operations and maintenance requirements. Operation, maintenance and capital improvement needs to support development are becoming more costly.

Urban development located outside existing urban service areas to take advantage of low land costs results in higher future costs. This leapfrog development requires extension of public services past undeveloped land, which can be very costly in both dollars and energy. Isolated single-use developments, such as large single-family subdivisions removed from commercial or industrial centers, force residents into needlessly long trips for shopping, public schools and services. The County is encouraging the development of multiple-use



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projects that consolidate urban activities so they can be served in a planned expansion of urban services within the boundaries set forth in Figure 4-2.

Transportation access is a key factor affecting the location and magnitude of growth. As coastal land diminishes and growth continues, development pressures will lead to demands for access to the County's westerly areas. However, the County shall only entertain suburban and urban uses and densities (i.e., commercial, industrial and residential densities in excess of two units per acre) for lands located in the Primary Urban Service District, as amended periodically (see Figure 4-2).

The long-term quality and livability of a residential neighborhood depends considerably on access to public services and facilities. These include potable water and regional sewer systems, adequate roads and drainage, street and sidewalk maintenance, recreational facilities, trash collection, fire and police protection, and schools. The FLUM and the provision of urban services, illustrated on Figure 4-2, are coordinated by Martin County. In an effort to assure that natural resources are maintained, natural systems are not degraded and the fiscal health of the County is maintained by a planned, timed and cost-effective capital improvement program, the County has staged needed infrastructure maintenance and improvements at realistic and achievable levels of service in the Capital Improvements Element (Chapter 14).

- (a) *Urban Service Districts.* Population data (estimates and projections), projected demand for housing units, and the supply of vacant residential land shall be calculated for the Primary and Secondary Urban Service Districts. The tabular presentation shall compare the projected demand with the supply.
- (b) *Schools.* In 2008 the Board of County Commissioners coordinated with the Martin County School Board to create the Public Schools Facilities Element (Chapter 17). The element creates concurrency standards preventing residential development from exceeding the capacity of public schools.

In compliance with Florida Statutes (F.S.) section 163.31777, Martin County entered into an interlocal agreement with the Martin County School Board and the City of Stuart to coordinate the planning and implementation of public schools with the timing and location of residential development. Suitable public school sites shall be determined by applying the Florida Department of Education siting criteria and site assessment by Martin County based on school-age population projections provided by the Martin County School Board. Site location shall be consistent with Policy 4.7A.

**Editor's note**— Figure 4-2 is on file in the office of the Martin County Growth Management Department.

- (8) *Population and projected residential demand for units.*

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- (a) Population projections for demand of future residential housing units. The base data for population estimates and projections comes from the U.S. Decennial Census. In between decennial Census years, the University of Florida's Bureau of Economic and Business Research (BEBR) provides annual updates to the estimates and projections to the Office of Economic and Demographic Research (EDR). In the years in between the decennial Census, the permanent population estimates and projections provided by EDR shall be used in the annual update to the Population Technical Bulletin to project permanent and seasonal population for the planning horizon of the Plan.

Subtracting permanent population for the four Martin County municipalities from permanent population countywide provides the permanent population for the Martin County unincorporated area. Permanent population is defined as those residents who spend more than six months of the year in Martin County.

Persons per household (unincorporated Martin County) is the number of permanent residents living in residential housing units (classified by the Census as population in occupied housing) divided by the number of occupied housing units (provided by the US Census or American Community Survey in a given year) to arrive at the persons per household for unincorporated Martin County. Example using 2010 Census data: 124,120 persons / 54,709 units = 2.27 persons per unit.

Every ten years the Census provides detailed data on the number of housing units. American Community Survey Data shall be used as source data between Decennial Census years.

"Occupied housing units" are the number of residential housing units occupied by permanent residents who live in residential units rather than in prison or group homes.

All other housing units are classified by the census as "vacant housing."

The vacant housing is broken into a number of categories. "Vacant seasonal housing units" represent housing units that are occupied less than six months of the year by seasonal residents.

Occupied housing plus vacant seasonal housing equals the number of housing units actually in use.

The projected, permanent population (housing) divided by the permanent population (housing), provides the percentage increase in population. Multiply this percentage times the number of housing units actually in use by permanent and seasonal residents to determine the housing need in the future period. This provides the simplest and most accurate estimate for

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future housing needs. American Community Survey Data shall be used as source data between Decennial Census years.

- (b) *Population projections for LOS determination.* Chapter 14, the Capital Improvements Element, outlines the data sources for determining the Level of Service (LOS) for various County facilities. The LOS for sewer, potable water, roads, and other facilities are calculated based on specific information related to those services, while the LOS measures for corrections, libraries collections, prisons and sidewalk/bikepaths are based on the weighted average population. The peak population for this purpose refers to the entire population in the peak season and includes permanent and seasonal residents in residential housing, as well as people in group homes, prisons and tourist facilities. The weighted average population as outlined in Chapter 1, Section 1.7.E. assumes that five months of the year are peak population months and weighs the permanent and peak populations accordingly to produce the weighted average population for both countywide population and for the population of the unincorporated area.
- (9) *Residential capacity determination.* The challenge in providing for residential capacity is to provide adequate vacant land concentrated within the urban service districts to meet the needs of the projected population. The urban service districts are a key strategy for assuring that growth occurs where public facilities can be provided in an efficient cost-effective manner. Outside the urban service districts residential development is limited to twenty acre minimum lot sizes in the Agricultural Land Use and five acre lot sizes in the Agriculture Ranchette Land Use. A modest amount of growth happens outside the boundaries of the urban service districts and should be accounted for when projecting the increase in population that must be served within the urban service districts. When the undeveloped residential acreage within either the Primary Urban Service District or the Secondary Urban Service District no longer provides for projected population growth for the fifteen year planning period, planning for expansion of residential capacity shall commence. When the undeveloped acreage within either the Primary Urban Service District or the Secondary Urban Service District provides for no more than 10 years of projected population growth, the County is required to expand capacity.

The 15 year planning period for residential capacity shall begin with the 2010 Census and shall be updated to a new 15 year planning period every 5 years.

*Residential supply calculations.* Residential capacity represents the supply for residential development within the two urban service districts to meet the projected population demand for residential units in the 15 year planning period. The calculation of residential supply within the urban service districts shall include:

1. Vacant property that allows residential use according to the Future Land Use Map. The maximum allowable density shall be used in calculating the number

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of available units on vacant acreage. For the purpose of this calculation, the maximum allowable density for wetlands shall be one-half the density of a given future land use designation.

2. Subdivided single family and duplex lots. The following lot types shall be included in the residential capacity calculation:
  - (a) Vacant single family or duplex lots of record as of 1982 developed prior to the County's tracking of development approvals.
  - (b) Vacant single family or duplex lots of record platted after 1982.
3. Potential for residential development in Mixed Use Overlays.
4. Excess vacant housing not in use by permanent or seasonal residents. Excess vacant housing is a vacancy rate higher than 3% of the housing in actual use.
- ~~5. The eastern Urban Service District and the Indiantown Urban Service District shall considered separately.~~

In a normal housing market there will always be a percentage of vacant housing. Calculations of "excess vacancy" are based on the assumption that 3% of the total unincorporated housing units will normally be vacant. When the vacant housing number exceeds 3% of the total number of housing units in actual use, the excess shall be included in the calculation of available residential capacity.

Residential capacity shall be re-calculated every five years to ensure that adequate capacity continues to exist for no less than ten years.

A small portion of the housing needs for the County's projected growth is regularly met by large lots outside the two urban service districts. An appropriate percentage of future growth will be assigned to the area outside the urban service districts based on the average number of certificates of occupancy for the preceding five years. The number of Certificates of Occupancy outside the urban service districts shall be divided by total Certificates of Occupancy for the unincorporated area to determine the appropriate percentage.

- (10) *Active residential development tracking system.* In addition to insuring adequate residential capacity, it is critically important to maintain a strategy for tracking the timing and location of active residential developments. Unlimited development approvals lead to an unlimited commitment to provide public facilities and to higher taxes and higher rates for public services. In order to have a feasible concurrency management system, it is necessary to know when and where approved and vested developments are going to happen. In order to have a cost effective concurrency management system and Capital Improvement Plan, it is necessary to limit approvals to the number of units actually needed for expected population growth. Committing to and building facilities for projects that don't happen is expensive and inefficient.

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In order to limit active residential developments to units needed for population growth and to provide the necessary services in a cost effective manner, Martin County will implement and maintain a residential development tracking system.

The system will keep current information on all residential development approvals and will limit the location and timing of active residential developments in order to provide timely, cost-effective public facilities concurrent with development and consistent with a feasible Capital Improvement Plan.

The regulatory system to synchronize development with public facilities will include all active residential projects whose timetables for development include residential construction within the first five year period of the 15 year planning period. The same 15 year planning period used for residential capacity planning shall be used. The 15 year planning period for residential capacity began with the 2010 Census and shall be updated to a new 15 year planning period every 5 years.

Active residential development projects are those projects with final plan or final plat approval, where building permits can be pulled without further site plan review. Lots of record prior to 1982 and residential developments which are 90% complete will be deleted from the active development list. The amount of active residential development approved in the five year period of the 15 year planning period shall be limited to 125% of the demand for housing units projected for that period.

In the fourth year of the five year planning period, Martin County shall begin preparing the update to the residential capacity analysis described in Policy 4.1D.7. Need calculations must be available for the following five year period before a given five year period expires.

While the current pattern of the Future Land Use Map will remain as it is, the active residential development test will be used in conjunction with location and land suitability requirements in the review and approval of future project requests. These requirements shall include, at a minimum, location within the Primary or Secondary Urban Service District; protection of natural resources; adequate provision of facilities and services at the adopted level of service, and meeting all land suitability standards specified in the Future Land Use Element.

In the event a proposed site plan, within the primary or secondary urban service districts, does not pass the active residential development test, all review of the project will cease until the applicant reduces the number of units in the proposed site plan to comply with the active residential development test. When the 125% threshold has been reached and one or more proposed site plans cannot receive a reservation of capacity and be added to the active residential development tracking system the applicants shall have three options:

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1. Request, in writing all application materials and application fees be returned, or
2. Continue review and receive tentative approval without a reservation of capacity.
3. Reschedule units to a later period.

If site plans in the active residential development system are breached, fail to maintain development timetables or if new population projections result in additional capacity demands then site plans or portions of site plans with tentative approval will be added to the active list. Site plans with the earliest tentative approval date shall be added first. If the number of residential units in a tentative site plan exceeds the available capacity for the five year period, only the number of units necessary to arrive at the 125% threshold may be added to the active list.

At no time will the active residential development pool for the five year period be allowed to exceed 125% of the five year housing need. All new residential developments, including projects which already have the approved land use designations, will be tested against the 125% five year capacity measure. If the 125% capacity measure has been reached, no new projects shall be permitted within the five year time period.

Platted or vested residential lots outside the Primary and Secondary Urban Service Districts shall not be included in the active residential list.

The housing recession and changes in state law that automatically extended development timetables have created a challenge for the timely planning of public facilities.

- (11) *Future Land Use Map.* Martin County has provided a reasonable mix of opportunities for single-family, multiple-family and mobile home residential units to meet the demands of the various demographic groups and family characteristics. The FLUM identified in Section 4.3 and adopted with this Plan reflect Martin County's policy on the use of all lands under the County's jurisdiction. The policies of the Future Land Use Element will ensure fulfillment of the County's residential needs without creating urban sprawl.

Population estimates and projections for unincorporated Martin County shall be published to the Martin County web site and shall be updated annually.

Residential capacity for unincorporated Martin County shall be published to the Martin County web site and shall be updated every five years. Residential capacity shall be presented in tabular form for the Primary and the Secondary Urban Service Districts and shall include: Data identified in Policy 4.1D.2, Policy 4.1D.3, Policy 4.1D.4 and Policy 4.1D.5., CGMP.

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The residential capacity shall be presented in tabular form with the projected population increases to demonstrate both the 10 year capacity and the 15 year capacity for both the Urban Service Districts (Primary and Secondary).

(12) *Future nonresidential requirements.*

- (a) *Industrial land.* The supply of industrial land was estimated by Martin County staff, who evaluated current comprehensive land use plan designations for industrial land. That assessment indicated the presence of 5,933 acres of land that is already developed or may be developed for industrial use. The 5,933 acres includes 900 acres of the AG TEC future land use designation.
- (b) *Commercial land.* Land associated with retail trade, services and office-related activities including government are collectively called commercial land. Lands with a Commercial Office/Residential, Limited Commercial, General Commercial and Marine Waterfront Commercial future land use designations are considered Commercial land. The future land use designations listed total 3,211 acres of land that is already developed or may be developed for commercial purposes.
- (c) *Public utility needs.* The creation of a Public Utility land use category ensures fulfillment of the unique needs of electrical generation. The 11,510 acres in this category are designated for the public power plant operated by Florida Power and Light. The site includes the existing power plant and cooling pond, as well as the acreage set aside for the proposed plants and storage areas needed for them.
- (d) *Institutional needs.* Martin County has approximately 49,000 acres designated as institutional use on the FLUM. This category accommodates three types of uses: public facilities (either publicly or privately operated), recreational facilities and conservation areas. Each use is specifically identified in the FLUM Series. Additional acreage is projected for, public facilities, dredge spoil management sites and additional recreation and conservation areas. Expansion plans for these uses are specified in greater detail in the following elements: Recreation, Conservation and Open Space, Solid and Hazardous Waste and Capital Improvements. The need for additional dredge spoil management sites is addressed in three documents: (1) Long-Range Dredged Material Management Plan for the Intracoastal Waterway in Martin County, Florida, Final Report, September 1993; (2) Long Range Dredged Material Plan for the Okeechobee Waterway-Crossroads to St. Lucie Lock, Martin County, Florida, July 1998; and (3) Long Range Dredged Material Management Plan for the Okeechobee Waterway-St. Lucie Lock to Palm Beach/Hendry County Line, August 2007. These are hereby incorporated by reference into the CGMP. Other long-term needs for dredge spoil management sites identified by the Florida Inland Navigation District will

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be incorporated by reference in the Plan, consistent with policies in the Intergovernmental Coordination Element.

**Section 4.3. Future Land Use Map (Year 2025) and Map Series**

As of December 7, 2004 the format for the adopted FLUM changed from 24 x 36 inch mylar sheets to the Martin County GIS.

The Year 2025 Future Land Use Map and the related map series, identified and adopted as part of this Plan, reflects Martin County policy for managing development and resource options. It is based on goals, objectives and policies stipulated throughout the CGMP together with analysis of population, housing and land resources; natural resources, including wetlands, floodplain areas, water recharge areas, fish and wildlife, and agricultural lands; capital improvement needs; and fiscal efficiency in the delivery of public facilities and services.

The densities denoted on the FLUM reflect the maximum gross residential density permitted on the land. The maximum density is not guaranteed by right.

Zoning and site plan review procedures found in the LDRs are consistent with this Plan. The LDRs to ensure that specific density and intensity assigned to new development is (1) compatible and consistent with established development and (2) provides equitable use of the land in conformance with the Capital Improvements Element (Chapter 14) and natural resource restrictions contained in the Coastal Management and Conservation Elements.

The land use pattern and capacities indicated on the Year 2025 FLUM and related map series are consistent with the Capital Improvements Element and adopted population projections. The land use pattern and capacities, along with estimated population growth, form the basis of the 10-year capital improvement plan shown in the Capital Improvements Element. The policies for allocating land use development are listed under Goal 4.13.

**Section 4.4. Goals, Objectives and Policies**

**Goal 4.1.** To manage growth and development in a way that is fiscally efficient, consistent with the capabilities of the natural and manmade systems, and maintains quality-of-life standards acceptable to Martin County's citizens.

*Objective 4.1A.* To continue to update and revise the Land Development Regulations as needed to implement all provisions of the adopted CGMP.

*Policy 4.1A.1. Conformity of Land Development Regulations.* The County's Land Development Regulations shall conform to all guidelines and standards contained in this Plan and shall:

- (1) Regulate the use of land and water consistent with this element and the FLUM, while ensuring land use compatibility and providing open space;



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- (2) Regulate the subdivision of land;
- (3) Protect environmentally sensitive lands and incorporate minimum landscape standards;
- (4) Regulate areas subject to seasonal and periodic flooding and provide for drainage and stormwater management;
- (5) Regulate signage;
- (6) Ensure safe and convenient on-site traffic flow and parking needs;
- (7) Protect potable water wellfields and aquifer recharge areas;
- (8) Protect endangered and threatened species and species of special concern and their habitats as defined in the Florida Fish and Wildlife Conservation Commission's official list or as determined as regionally significant by the Treasure Coast Regional Planning Council;
- (9) Ensure that any development orders and permits issued do not result in a level of service (LOS) below the base level of service standards adopted in the Capital Improvements Element;
- (10) Include provisions for the transfer of development rights to:
  - (a) Protect environmentally sensitive areas and/or historic resources; and
  - (b) Specify those receiving zones in the Primary Urban Service District that can accept additional density and where in-fill development allows for new development and redevelopment of previously underused portions of the Primary Urban Service District.

*Policy 4.1A.2. Supremacy of CGMP.* Where conflict arises between the adopted Land Development Regulations and this Plan, the goals, objectives and policies of this Plan shall control all land use and development decisions.

*Objective 4.1B.* To maintain a concurrency management system to assure that no development orders or permits will be issued that result in a reduction of the adopted LOS standards at the time the impact of development occurs.

*Policy 4.1B.1. Satisfaction of concurrency requirement.* The concurrency requirement shall be satisfied and approval of a development permit may be granted if all LOS standards specified in the Chapter 14, Capital Improvements Element are met.

*Policy 4.1B.2. Analysis of availability of public facilities.* All requests for amendments to the FLUMs shall include a general analysis of (1) the availability and adequacy of public facilities and (2) the level of services required for public facilities in the proposed land uses. This analysis shall address, at a minimum, the availability of category A and category C service facilities as defined in the Capital Improvements Element. No amendment shall be approved unless present or planned public facilities and services will be capable of meeting the adopted

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LOS standards of this Plan for the proposed land uses. The Capital Improvements Element or other relevant plan provisions and the FLUMs may be amended concurrently to satisfy this criterion. The intent of this provision is to ensure that the elements of the CGMP remain internally consistent.

Compliance with this provision is in addition to, not in lieu of, compliance with the provisions of Martin County's Concurrency Management System. When a map amendment is granted under this provision, it does not confer any vested rights and will not stop the County from denying subsequent requests for development orders based on the application of a concurrency review at the time such orders are sought.

Martin County may adopt sub-area development restrictions for a particular site where public facilities and services, such as arterial and collector roads, regional water supply, regional wastewater treatment/disposal, surface water management, solid waste collection/disposal, parks and recreational facilities, and schools, are constrained and incapable of meeting the needs of the site if developed to the fullest capacity allowed under Goal 4.13 of this Growth Management Plan. The master or final site plan for a site that is subject to such sub-area development restrictions shall specify the maximum amount and type of development allowed. Sub-area development restrictions apply to the following sites:

- (1) The tract of real property described in the Warranty Deed recorded at OR Book 2157, Page 2403, of the Public Records of Martin County, which is limited to 365,904 square feet of nonresidential use, consistent with the assigned future land use designation, and on which residential uses shall not be allowed.
- (2) The development of the tract of real property described in the Warranty Deed recorded in OR Book 2239, Page 2498, Public Records of Martin County, Florida, shall be restricted and managed as follows:
  - (a) Uses on the subject property shall be limited to nonresidential uses. Residential uses shall not be permitted.
  - (b) Uses on the property shall be consistent with the future land use designations for the property and the applicable land use policies of the Martin County Comprehensive Growth Management Plan (CGMP).
  - (c) The maximum intensities of uses on the subject property contained within a building or buildings shall not exceed 1,600,000 square feet.
  - (d) All future applications for development approval shall be processed as a Planned Unit Development (PUD).
  - (e) The maximum intensities of all uses contained within a building or buildings shall not exceed 500,000 square feet on the subject property

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(of which up to 25,000 square feet may be in marina uses) prior to December 1, 2015.

- (3) This sub-area policy applies only to lands within the boundaries of Florida state parks within Martin County, Florida. Recreation facilities allowed in the state parks shall be limited to those supporting resource-based outdoor recreation activities specifically identified in the park's approved management plan which has been developed according to F.S. sections 253.034 and 259.032, and F.A.C. 18-2 including, but not limited to, hiking, biking and equestrian trails, swimming areas, interpretive visitor centers, resource-based camping accommodations for use by tents, pop-up campers and other recreational vehicles, and cabins. All uses within the state parks must conform to the park's management plan. Activities which are normally allowed in this land use category but are prohibited under this sub-area policy include fairgrounds, commercial marinas, ball fields, dredge spoil facilities and other user-based (active) recreation facilities.

*Policy 4.1B.3. Internal consistency of elements.* Maintaining internal consistency among all elements of the Plan shall be a prime consideration in evaluating all requests for amendments to any element of the Plan. Among other considerations, the FLUM shall not be amended to provide for additional urban expansion unless the CGMP includes traffic circulation, mass transit, water, sewer, solid waste, drainage and park and recreation facilities necessary to serve the area, and the associated funding sources.

*Objective 4.1C.* To continue to inform the public about the development review process through the County website pages, which shall be updated routinely as revisions and changes occur.

*Policy 4.1C.1. Minimum requirement for website pages.* At a minimum the website pages should include:

- (1) The procedures and costs involved in requests for CGMP amendments, rezonings, development plan reviews and building permits;
- (2) Identification of the roles and responsibilities of each implementing agency involved in the development review process and the location of their offices for public contact;
- (3) Identification of the roles and responsibilities of the Board of County Commissioners, Local Planning Agency, and Board of Zoning Adjustment with regard to the development review process;
- (4) The Comprehensive Growth Management Plan, Land Development Regulations and Codes of Ordinances;
- (5) The Future Land Use Map series, the Zoning Atlas and Figure 4-2 (Urban Service District Boundaries);

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**Editor's note**— Figure 4-2 is on file in the office of the Martin County Growth Management Department.

- (6) A basic description of concurrency management for each of the Category A and C public services.

*Objective 4.1D.* Martin County shall continue to collect and monitor development and population data to ensure sufficient land to address projected population needs while controlling urban sprawl and maintaining a cost effective capital improvements program.

*Policy 4.1D.1. Tracking of approved site plans.* Martin County shall track all approved residential site plans, including vested unbuilt development and approved mixed-use site plans. The status of approved final site plans shall be updated as units are completed, timetable extensions are approved or development orders are breached.

*Policy 4.1D.2. Population technical bulletin.* Martin County shall annually produce a population technical bulletin based on data provided by the Office of Economic and Demographic Research (EDR). The medium EDR estimate for the unincorporated area population shall be the basis for the Population Technical Bulletin. The following standards shall be used in calculating population projections through a Population Technical Bulletin adopted annually by the County Commission:

- (1) Methodology must be clear and available for public review. Any change in methodology must be approved by the county commission prior to the preparation of the report.
- (2) Unless there is clear evidence to the contrary, the EDR medium population projections for Martin County shall be used. The EDR provides estimates for permanent population. The permanent population shall be as calculated and provided by the EDR and the US Census.
- (3) Municipal permanent population shall be subtracted from total county permanent population to arrive at the estimate for total permanent population for the unincorporated area. The population Technical Bulletin shall show what portion of the permanent population is housed in residential units.
- (4) Peak population in residential housing units and peak population for LOS determination shall be calculated as outlined in Sections 1.7D and 1.7 E.

*Policy 4.1D.3 Future residential housing unit demand.*

Future housing demand projections shall be based on all of the following:

- (1) The demand for future residential housing units in the unincorporated area shall be based on the percentage increase in permanent population projected by the Population Technical Bulletin.

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(2) Occupied housing units (HO) are classified by the Census as those residential housing units in use by permanent population. Vacant seasonal housing units (HS) are classified as those residential housing units that are seasonally occupied by residents who spend less than 6 months of the year in Martin County. American Community Survey Data shall be used as source data between Decennial Census years.

(3) Permanent and seasonal population in residential housing is served by housing units in actual use (HU).

Housing units in actual use (HU) equals the occupied housing units (HO) plus vacant seasonal housing units (HS).

$$HU = HO + HS$$

(4) Vacant housing not in seasonal use shall not be used in calculating housing unit demand, but shall be used in calculating supply. Hotel/motel units shall not be used in calculating residential housing demand.

(5) The projected demand for housing units in the future shall be determined by dividing the projected, permanent population (housing), as defined in Chapter 2, by the permanent population (housing). American Community Survey Data shall be used as source data between Decennial Census years.

Projected permanent population (housing)/Permanent population (housing) = percentage increase in demand.

(6) This percentage increase in demand multiplied by the housing units in actual use (HU) in the most recent census year equals the projected housing unit need in the future period.

Percentage increase in demand x HU = projected housing unit demand.

(7) Future residential housing needs shall be updated every five years.

~~(8) The eastern Urban Service District and the Indiantown Urban Service District shall be considered separately.~~

*Policy 4.1D.4. Distribution of housing unit demand.*

(1) The percentage of residential housing demand that will be met outside the urban service districts shall be based on the average number of certificates of occupancy for the preceding five years. The number of Certificates of Occupancy outside the urban service districts shall be divided by the total number of Certificates of Occupancy for the unincorporated area to determine the appropriate percentage.

(2) The remainder of residential housing demand must be met within the Primary and Secondary Urban Service Districts.

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*Policy 4.1D.5 Residential capacity analysis.* Martin County shall produce a residential capacity analysis every five years. Residential capacity defines the available residential development options within the Primary and Secondary Urban Service Districts that can meet the demand for population growth consistent with the Future Land Use Map. Residential supply shall consist of:

- (1) Vacant property that allows residential use according to the Future Land Use Map. The maximum allowable density shall be used in calculating the number of available units on vacant acreage. For the purpose of this calculation, the maximum allowable density for wetlands shall be one-half the density of a given future land use designation.
- (2) Subdivided single family and duplex lots. The following lot types shall be included in the residential capacity calculation:
  - (a) Vacant single family or duplex lots of record as of 1982 developed prior to the County's tracking of development approvals.
  - (b) Vacant single family or duplex lots of record platted after 1982.
- (3) Potential for residential development in Mixed Use overlays.
- (4) Excess vacant housing not in use by permanent or seasonal residents. Excess vacant housing is a vacancy rate higher than 3% of the number of housing units in actual use. American Community Survey Data shall be used as source data between Decennial Census years.
- ~~(5) The eastern Urban Service District and the Indiantown Urban Service District shall be considered separately.~~

The 15 year planning period for residential capacity began with the 2010 Census and shall be updated to a new 15 year planning period every 5 years. The residential capacity analysis showing the total residential supply within the Primary and the Secondary Urban Service Districts shall be compared to the projected residential demand as outlined in Policy 4.1D.3. and 4.1D.4 above. The report shall show demand and supply comparisons for a ten year period as well as for the 15 year planning period.

*Policy 4.1D.6* The residential capacity analysis will determine if the future demand for residential units exceeds the supply for residential units as provided in the residential capacity analysis.

When the undeveloped residential acreage within either the Primary Urban Service District or the Secondary Urban Service District no longer provides for projected population growth for the fifteen year planning period, planning for expansion of residential capacity shall commence. When the undeveloped acreage within either the Primary Urban Service District or the Secondary Urban Service District provides for no more than 10 years of projected population growth, the County is required to expand capacity.

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*Policy 4.1D.7. Active residential development tracking system.* Martin County will implement and maintain an active residential tracking system for all residential development approvals. By limiting approvals within the first five year period of the 15 year planning period to 125% of the housing demand for that five year period, the County can maintain a fiscally feasible and cost-effective concurrency management system. The same 15 year planning period used for residential capacity planning shall be used. The 15 year planning period for residential capacity began with the 2010 Census and shall be updated to a new 15 year planning period every 5 years. Implementation of the Active residential development tracking system shall begin within 12 months of the date this text becomes effective.

- (1) In the fourth year of the five year planning period, Martin County shall begin preparing the update to the residential capacity analysis described in Policies 4.1D.5 and 6. Demand calculations must be available for the following five year period before a given five year period expires.
- (2) The County shall:
  - (a) Remove all projects that have breached or exceeded their timetables.
  - (b) Ensure for the current five year period that the active development pool does not exceed 125% of the five year residential demand.
- (3) Ten percent of the available residential units shall be set aside for small residential developments. Small residential developments are defined as projects that contain 25 units or fewer. If the set aside units for each five year planning period are not allocated by the third year of that planning period, the set aside units shall be available for allocation to large residential developments.
- (4) Residential development approved under the active residential development process must meet locational suitability requirements including:
  - (a) Locating within the primary or secondary urban service district.
  - (b) Consistency with the CIE.
  - (c) Protection of natural resources.
  - (d) Adequate provision of facilities and services at adopted levels of service standards; and
  - (e) Consistency with all goals, objectives and policies of this Plan and the requirements of chapter 1.
  - (f) Proposed residential development that encroaches into active agricultural lands shall not be permitted unless the proposed project's density is permissible under an agricultural use designation (minimum five acre lots in Agricultural Ranchette and twenty acre lots in the Agricultural future land use). Active agricultural land is defined as land

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currently receiving an Agricultural Classification from the Martin County Property Appraiser.

- (g) This criterion does not prevent the Board of County Commissioners from approving a residential development on land with an agricultural classification in place provided the exemption is removed after approval of a final development order. This policy only applies to the land area subject to the final development order. Any land area that is found by the Board of County Commissioners to maintain the agricultural classification for ad valorem tax purposes after approval of a final development order shall be found in violation of the final development order and be subject to breach proceedings.

*Objective 4.1E.* To review development applications for consistency with the applicable goals, objectives and policies of the CGMP.

*Policy 4.1E.1. Development.* Remodeling, renovation or restoration of improved real estate to a former, better condition (as by cleaning, repairing or rebuilding) that does not increase or change the use of the property shall be exempt from the performance standards of this plan. Any other proposed manmade change to improved real estate shall meet the requirements of this Plan, but only to the extent of such manmade change.

Minor accessory uses (such as swimming pools, fences, screened enclosures, etc. and as further defined by the Land Development Regulations) shall be exempt from provisions of adequate park facilities described in Chapter 7, transportation impact analysis described in Chapter 5, potable water analysis described in Chapter 11, wastewater analysis described in Chapter 10, parking and circulation described in Chapter 5, sediment control plans required in Policy 4.5C.3., and concurrency requirements in Chapter 14.

The Martin County Land Development Regulations and the Code of Ordinances, as they exist or may hereafter be amended, establish a legal requirement to obtain development permits and orders for various development activity and specify the procedure for review and approval of all development permits and orders.

*Policy 4.1E.2. Appearance and nuisances.* Final site plan reviews shall assure that nuisance impacts of sight, sound and smell shall be minimized. No standards on appearance shall be enforced unless adopted as part of the Land Development Regulations.

- (1) *Screening and mechanical equipment.* Mechanical equipment or other utility hardware other than antennas and stacks on roofs shall be harmonious with the building. Otherwise they shall be located and/or screened so as not to be visible from any public way, except in industrial districts. Utilities in or adjacent to residential areas shall be designed to minimize nuisance impacts



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such as noise and odor. They shall be landscaped and screened to minimize adverse visual impacts, enhance their appearance and preserve the stability and integrity of adjacent residential areas.

- (2) *Maintenance of activities in enclosed building.* All businesses, services, manufacturing or processing shall be conducted in completely enclosed buildings in all zoning districts except industrial districts, unless the Land Development Regulations provide exceptions for outside storage or display due to enclosure requirements being impractical or unreasonable.
- (3) *Exterior lighting.* Exterior lighting shall be so arranged as to shield or deflect the light from adjoining properties and public streets.

*Policy 4.1E.3. Density.* The density provisions in this Plan shall not prevent construction of one single-family unit by the owner of a lot of record created (1) prior to the adoption of the Martin County subdivision regulations on November 7, 1972 or (2) consistent with the subdivision regulations adopted subsequent to November 7, 1972. The construction shall be in accordance with the other provisions of this Plan and the Land Development Regulations.

*Policy 4.1E.4. Gross density.* The permitted densities stipulated in section 4.4 (Goals, Objectives and Policies) and on the FLUM designations shall be gross residential densities and the gross land area of which this density is applied is described as follows. These densities shall be applied to contiguous land areas under common ownership, with the following provisions and exceptions:

- (1) In cases where land abuts the waters of the Atlantic Ocean, St. Lucie River, Indian River, Loxahatchee River, Intracoastal Waterway, Lake Okeechobee or any tributary or manmade canal, the boundary of the land shall be delineated as established by State Statutes.
- (2) No submerged land areas waterward of the boundary described above shall be included under this definition.
- (3) No land areas proposed to be allocated to nonresidential uses shall be included under this definition except for contiguous land areas for:
  - (a) Utilities under common ownership and principally supporting the residential use;
  - (b) Recreational facilities for the primary use of on-site residents;
  - (c) Dedication to the County or other County-approved agencies or not-for-profit corporations;
  - (d) In mixed-use projects in the seven designated community redevelopment areas (CRAs) as described in Goal 4.3.
  - (e) The MUV future land use designation, as described in Policy 4.13A.15.
- (4) Maximum gross density is defined as maximum allowable units divided by gross land areas.

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*Policy 4.1E.6.* A planned unit development is a unified development that is (1) planned, approved and controlled according to provisions of a binding written document negotiated between the developer and the County as a special PUD zoning district and (2) approved at a public hearing. The purpose of PUD districts is to introduce flexibility into the strict zoning and development regulations in a manner that is mutually beneficial to the County and the development. It is also to encourage enlightened and imaginative approaches to community planning. Benefits to the developer may include incentives to encourage affordable housing (consistent with the Housing Element); transfer of density from wetlands (consistent with the Conservation and Open Space Element, Chapter 9); flexibility in density distribution; flexibility and variety in land use, structure type and project design; and greater intensity than would be achievable under straight zoning. In exchange, the County may acquire such benefits as preservation zones, buffers, density transition zones and recreation facilities in excess of the County's minimum standards. Specific PUD district regulations are negotiated voluntarily by the developer and the County, and neither is guaranteed maximum benefits by right.

*Policy 4.1E.7. Blended densities.* Site plans proposed as PUD zoning districts including two or more underlying future land use designations may be developed with "blended" densities. When so developed, the total maximum density of the applicable residential future land use designations may be distributed in the PUD boundary without regard to the precise boundary line of the underlying land use. Density blending shall only be used in residential future land use designations. In no case shall the blending of densities allow more residential units to be approved than the maximum gross densities allowed by the individual future land use designations.

*Policy 4.1E.8 Public Benefits.* Flexible Design: Martin County shall allow PUD zoning districts associated with a site and project specific PUD zoning agreement to allow flexibility in the land development regulations in a manner which mutually benefits the county and the developer, and encourages innovative approaches to community planning. Specific PUD district regulations shall be negotiated voluntarily by both the developer and the county. Neither party to the agreement is guaranteed maximum benefits by right.

Benefits to the developer may include such items as incentives to encourage affordable housing; flexibility in density distribution; flexibility and variety in land use, structure type and project design; and greater intensity than would be achievable under straight zoning. In exchange, the County may acquire such benefits as transportation, recreation or other public facility improvements; additional preservation of environmental resources, and additional density transition zones. The provision of affordable and/or workforce housing, shall be strongly encouraged as a public benefit for any residential PUD. Any public benefits offered by the developer must clearly be in excess of the County's minimum standards.

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*Objective 4.1F. Density allocations and intensity.* All projects must comply with the provisions of the concurrency management system (Goal 4.1) to assure all required services are available. In considering density allocation in site plan approvals, the County shall consider the following:

*Policy 4.1F.1.* Projects directly adjacent to lands used or designated for higher intensity use may be given maximum density.

*Policy 4.1F.2.* Projects immediately adjacent to lands used or designated for lower density use should be given less than maximum density.

(1) In all such cases the project with higher density shall provide for reduced density next to the existing lower density residential area.

(2) Within the urban service districts where lot sizes in the existing residential development are two acres or less and density is more than 1 unit per 2 acres, the following shall apply:

For the residential portion of said project abutting the existing development or area of lesser density, a density transition zone of comparable density and compatible dwelling unit types shall be established in the new project for a depth from the shared property line that is equivalent to the depth of the first tier of the adjoining development's lower density (i.e., the depth of the first block of single-family lots).

*Policy 4.1F.3. The following criteria shall be met when applying Policy 4.1F.2.*

(1) For purposes of this policy, abutting property is the same as "adjacent" or "adjoining" or "immediately adjacent" property and shall refer to property with a shared property line regardless of easements on the abutting properties. Properties separated by an existing road with a minimum 30 foot right of way shall not be considered abutting.

(2) Lands outside the urban service district, agricultural property and residential lots 2 acres or larger shall be protected by buffers and by 4.1F.2. but the tiering Policy in 4.1F.2. (2) shall not apply.

(3) Where the tiering Policy 4.1F.2. (2) applies, there shall be no requirement to construct residential units within the applicable area of the proposed development. However, if the area is left vacant, no other construction shall be allowed except for underground utilities, sidewalks, swales, stormwater ponds and dry retention areas.

(4) Other buffers required by the Comprehensive Plan or Land Development Regulations shall also be applicable.

(5) Residential structures within a Mixed Use Overlay. A mixed use development containing residential units within a Mixed Use Overlay shall not be required to have a residential structure on that part of the project abutting

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existing development or area of lesser density within the Mixed Use Overlay. Buffers shall be as provided in Policy 4.3A.7.

- (6) Policy 4.1F.2 shall not apply to development within the Mixed-Use Village future land use designation.

*Policy 4.1F.4. Height limits. Height limits for all structures shall be specified in Goal 4.13. , CGMP and in the Land Development Regulations. No buildings shall exceed four stories nor shall any buildings exceed the maximum building height limit of 40 feet except as specifically provided in the Land Development Regulations.*

~~*Policy 4.1F.5. Indiantown Development of Regional Impact. The Indiantown DRI shall be considered consistent with density allocation policies for so long as it remains legally vested.*~~

*Goal 4.2.* To alleviate the negative impacts of inadequate public facilities and services and substandard structures for affected areas in the County.

*Objective 4.2A.* To continue to assist areas in need of redevelopment.

*Policy 4.2A.1. Mechanisms for attracting private investment.* Using fiscally sound means, the County shall investigate and establish mechanisms for attracting private investment into redevelopment activities.

*Policy 4.2A.2. Requirements for redevelopment plans.* At a minimum, redevelopment plans, activities and regulations shall:

- (1) Be consistent with policies set forth in this Plan, including statutory condemnation and eminent domain provisions;
- (2) Be coordinated with the availability of the following public facilities and services at the levels of service adopted in the CGMP: transportation, potable water, sanitary sewer, drainage and aquifer recharge, solid waste and recreation;
- (3) Address the impacts of redevelopment activities on the natural systems and historic resources of Martin County;
- (4) Provide for the visual continuity of designated redevelopment areas through application of sound principles of architectural design and landscaping.

*Policy 4.2A.3. Amendments supporting redevelopment.* In conjunction with the continuing efforts of the Affordable Housing Advisory Committee, as well as objectives and policies established in the Housing Element, the County shall periodically consider amendments to the CGMP and/or Land Development Regulations regarding mechanisms to address areas in need of redevelopment and renewal and the provision of affordable housing.

*Objective 4.2B.* To encourage redevelopment through the designation of CRAs.

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*Policy 4.2B.1. Creation of community redevelopment areas.* All CRAs shall be created in accordance with the provisions of F.S. Chapter 163, Part III.

*Policy 4.2B.2. Location of community redevelopment areas.* CRAs shall not be established outside the Primary Urban Service District.

*Policy 4.2B.3. Resources to aid redevelopment.* Martin County shall continue to provide technical, planning and financial resources to aid the residents and landowners with redevelopment and in-fill development.

*Policy 4.2B.4. Designation of community redevelopment areas.* Martin County has designated the following CRAs in unincorporated Martin County: Jensen Beach, Port Salerno, Hobe Sound, Rio, Golden Gate, and Old Palm City and Indian town. These specific geographic areas are identified in the community redevelopment plan for each area, which were adopted by the Board of County Commissioners as of June 2003, and are designated on the FLUM. Any new CRAs or any changes to CRA boundaries shall require an amendment to the CGMP and to the FLUM.

*Policy 4.2B.5. Analysis of land use impacts.* Any Plan amendment and/or FLUM amendment that expands the boundary of a CRA or creates a new CRA must contain an analysis of the impacts of potential land use changes. Since designation of a CRA allows mixed use under certain conditions, there must be data and analysis supporting the conclusion that the potential impacts of the CRA creation or expansion are consistent with the CGMP. The analysis shall include review of the availability and adequacy of public facilities and the level of service necessary to support mixed use as well as potential fiscal impacts, land use impacts and land use need relative to population.

*Policy 4.2B.6. Priority for capital improvements in CRAs.* In developing its Capital Improvement Plan and as provided in the Capital Improvements Element, Martin County shall give priority to capital projects identified in adopted community redevelopment plans that provide infrastructure improvements in designated CRAs.

*Policy 4.2B.7. Consistency of land use policies.* Land use policies for CRAs or portions of them in a Coastal High-Hazard Area shall be consistent with all CGMP policies regulating construction in such areas.

*Objective 4.2C.* To encourage redevelopment by designating brownfields and pursuing public/private partnerships to redevelop designated sites.

*Policy 4.2C.1. Establishment of brownfields.* Brownfield areas shall be established in accordance with applicable federal and state regulations.

*Policy 4.2C.2. Inventory of brownfields.* Martin County shall inventory potential brownfield sites.

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*Policy 4.2C.3. Funding for brownfield redevelopment.* Martin County shall seek federal and state funding to clean up and redevelop brownfields.

*Objective 4.2D.* To continue to provide a public education program to inform potentially eligible lower-income households and neighborhoods about housing assistance.

*Policy 4.2D.1. Brownfield Program.* At a minimum, the program shall:

- (1) Monitor housing assistance and related programs and determine which areas could be eligible for such programs;
- (2) Provide public workshops to ensure that residents in eligible areas are aware of the availability of such assistance and the procedures for obtaining it.

**Goal 4.3.** To provide opportunities for mixed residential and nonresidential uses, including Traditional Neighborhood Development. The goal of allowing mixed use in specified areas of CRAs and in Traditional Neighborhood Development is to:

- Encourage redevelopment and in-fill;
- Provide for livable urban areas that mitigate the impacts of mixing uses;
- Provide a coordinated system of recreation and open space;
- Provide for pedestrian-friendly communities that reduce dependence on the automobile;
- Reduce infrastructure needs by integrating and sharing parking, drainage and other public facilities;
- Meet the needs of neighborhood residents;
- Provide residents with a variety of housing choices.

*Objective 4.3A.* To encourage, but not mandate, mixed use in designated CRAs as described in Policies 4.3A.1 through 4.3A.9. Mixed-use projects shall contain a mix of uses in close proximity to each other and shall be planned as a unified, complementary whole to reduce transportation and other infrastructure impacts. The mix of uses in each project shall be pedestrian oriented and neighborhood friendly. Mixed-use projects may contain both nonresidential and residential components. The nonresidential component shall be made up of commercial or light industrial uses, which shall include a use from one or more of the following: Commercial Office/Residential (COR), Limited Commercial (LC), General Commercial (GC) and compatible Industrial consistent with the requirements of this objective. The residential component is important to encourage residents to live, work and shop in the same neighborhood. Mixed-use projects shall be functionally integrated to encourage shared vehicular and pedestrian access and parking areas. The mix of uses may include residential, institutional, retail, office, recreation and open space and other appropriate uses as determined by the Board of County Commissioners.

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*Policy 4.3A.1. Mixed-use development in CRAs.* Martin County shall allow mixed-use development in the CRA areas listed in Policy 4.2B.4., as follows:

- (1) In a Mixed Use Overlay (MUO) area(s) developed for designated CRAs, as described in Policy 4.2B.4., and as designated on the FLUM.
- (2) Outside of an MUO in the following land uses:
  - (a) COR as described in Policy 4.13A.8.(1);
  - (b) LC as described in Policy 4.13A.8.(2);
  - (c) GC as described in Policy 4.13A.8.(3).

Mixed-use development in these land use categories shall remain consistent with the nonresidential use and intensity requirements in each of these land use designations (see Goal 4.13) except that residential use shall be allowed. Residential densities shall be consistent with the mixed-use densities described in this section (Objective 4.3A).

*Policy 4.3A.2. Provisions for mixed-use projects in Land Development Regulations.* Martin County's Land Development Regulations include provisions for mixed-use projects to implement the Mixed Use Overlay in the seven CRAs designated in Policy 4.2B.4., and provide for mixed use in Commercial Office/Residential, Limited Commercial and General Commercial in the seven designated CRAs outside the Mixed Use Overlay.

*Policy 4.3A.3. Requirements for mixed-used projects.* All mixed-use projects in the designated CRAs must meet the following requirements, which shall be further delineated in the Land Development Regulations.

- (1) Constructed residential densities shall range from 2 units to 15 units per acre.
- (2) When the result of this calculation is a number that ends in 0.5 or higher, the total unit count shall be rounded up. When calculating the number of units in a mixed-use project on lot sizes of one-half acre or less, units of 800 or fewer square feet shall be counted as one half of a unit. When calculating the number of units in a mixed-use project on lot sizes greater than one-half acre, units of 800 or fewer square feet shall be counted as half a unit if at least 50 percent of the units are restricted to affordable housing, meeting the requirements of Policy 6.1D.5. All mixed-use projects, regardless of size, shall be allowed at least one residential unit.
- (3) Permitted uses shall be mutually supportive and compatible with the scale of neighborhood development. Clustered living, working, shopping and other activities shall serve the local population and help to create self-contained neighborhoods.

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- (4) Highway-dependent retail and wholesale commercial with a regional market, high-impact industrial uses and other uses incompatible with a residential mixed-use neighborhood shall not be allowed.
- (5) Projects shall be designed primarily for pedestrians and only secondarily for cars. Drive-through businesses shall not be allowed. Pedestrian circulation systems shall assure ties to adjacent commercial and mixed-use areas as well as the surrounding residential community.
- (6) Urban design techniques that avoid a "sea of parking" and large parking areas in front of buildings shall be required.

*Policy 4.3A.4. Requirements for projects inside Mixed Use Overlay in CRAs.* All mixed-use projects in an MUO in any of the seven designated CRAs shall meet the following requirements, which shall be further delineated in the Land Development Regulations:

- (1) A Mixed Use Overlay shall cover the area in the urbanized core of the CRA where conversion to mixed use is allowed to encourage redevelopment.
- (2) All land use designations in the Mixed Use Overlay areas shall allow mixed use regardless of the underlying land use designations. The nonresidential component of a mixed-use project in an MUO shall include a use from one or more of the following: Commercial Office/Residential, Limited Commercial, General Commercial and compatible Industrial consistent with the requirements of Objective 4.3A.
- (3) A mixed-use project located on a parcel designated Waterfront Commercial on the FLUM in an MUO may satisfy its required nonresidential component with nonresidential Waterfront Commercial uses. Boundaries shall be shown on the FLUM. New mixed-use overlay areas or changes in boundaries of existing mixed-use overlay areas can be made only by FLUM amendment, which shall assess the impacts of conversion to mixed use.
- (4) Maximum building coverage shall be 100 percent.
- (5) Building heights may range from one to three stories with a maximum of 35 feet. Floors devoted to parking shall count toward the maximum number of stories.
- (6) A Mixed Use Overlay shall have between 20 percent and 75 percent residential use based on the total building square footage.

*Policy 4.3A.5. Requirements for projects outside Mixed Use Overlay in CRAs.* Projects outside a Mixed Use Overlay and in any of the seven designated CRAs shall meet the following requirements, which shall be further delineated in the Land Development Regulations.

- (1) Mixed use shall be allowed only on land designated for Commercial Office/Residential, Limited Commercial and General Commercial.



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- (2) Land use limitations shall remain consistent with the limitations of the underlying land use except that residential development shall be encouraged as part of any mixed-use development. Densities shall be consistent with the mixed use densities of Policy 4.3A.3.
- (3) Mixed-use projects shall have between 20 percent and 75 percent residential use based on the total building square footage of the project.

*Policy 4.3A.6. Consistency with redevelopment plan.* Maximum density and intensity of use are not guaranteed by right. Density and intensity must be consistent with the community redevelopment plan for the area and Goal 4.3, as well as with the redevelopment overlay districts, Land Development Regulations and infrastructure limitations.

*Policy 4.3A.7. Buffers in CRAs.* Buffers for mixed use in CRAs shall be as follows:

- (1) Buffers and land use transitions internal to a mixed-use project are exempt from policies that require density and use transitions and physical buffers inappropriate for compact mixed-use development including: Objective 4.9E; Policy 4.13A.7.(5)(d); Policy 4.13A.8.(1)(a); Policy 4.13A.8.(3); Objective 4.1F and Objective 4.9D. Land Development Regulations shall require urban design techniques, use control and other strategies for resolving the impacts of mixing different uses in close proximity. These shall include performance standards with specific requirements.
- (2) To encourage redevelopment, mixed-use projects that are entirely within an MUO, regardless of adjacent land use, shall require no buffers beyond those required in the Community Redevelopment Plan and the redevelopment overlay district. Ultimate conversion and redevelopment consistent with the community redevelopment plan and the redevelopment overlay district will provide for long-term compatibility of adjacent uses.
- (3) Mixed-use projects in an MUO that abut the boundary of an MUO shall have special provisions for buffers. Where the mixed-use project is adjacent to existing uses of lesser intensity outside the MUO, buffers shall protect those uses from adverse impacts. In this situation, mixed-use projects at the edge of the MUO shall be exempt from the density allocation requirements of Objective 4.1F.

*Policy 4.3A.8. Expedited review in CRAs.* By December 2011 Martin County's Land Development Regulations shall incorporate provisions for expedited review of redevelopment and in-fill projects in designated CRAs.

*Policy 4.3A.9. Open space requirements.* For mixed-use projects in an MUO area, the minimum open space shall be 20 percent. The maximum building coverage may be 100 percent if alternative compliance measures are used to comply with minimum open space requirements. All other Plan requirements must be met.

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*Policy 4.3A.10. Alternative compliance for mixed-use projects in a Mixed Use Overlay of a CRA.* Mixed-use projects in an MUO of one of the seven designated CRAs may provide an off-site alternative to the minimum 20 percent on-site open space requirement to meet community-wide goals for open space and recreational activities. Mixed-use projects in an MUO shall have no open space requirements, provided the applicant contributes, through either cash or land, off-site open space identified in the specific community redevelopment plan for that CRA area. Whether through prior purchase by the CRA and cash donation to cover the cost or through land donation, the off-site parcel must be in place and in public ownership at the time of final site plan approval or of any earlier approvals allowing site clearing. Existing public conservation areas may not be used as an alternative for on-site compliance unless they were purchased specifically for the purpose of meeting this policy.

~~*Policy 4.3A.11. Indiantown CRA.* A review of the Indiantown CRA Plan shall be completed and presented to the BOCC by December 31, 2010. The CGMP shall be amended to incorporate objectives and policies that reflect the Indiantown CRA Plan and the findings of the review. The review shall include analysis of the residential capacity within the Indiantown Urban Service Districts. The proposed Comprehensive Plan amendment shall be presented to the BOCC by April 30, 2011.~~

*Objective 4.3B.* To incorporate in the Land Development Regulations the Traditional Neighborhood Development Regulations. These regulations shall be reviewed along with other Land Development Regulations for continuous improvement. The Traditional Neighborhood Development Regulations will provide a range of housing types and commercial opportunities. Traditional neighborhood development aims to encourage traditional and environmentally sound land development, thereby facilitating the economic and efficient use of land in the County.

*Policy 4.3B.1. Criteria for Traditional Neighborhood Development.* At a minimum, the location of the Traditional Neighborhood shall:

- (1) Be appropriate for new in-fill development and redevelopment projects in the Urban Service District;
- (2) Allow redevelopment of underused shopping centers into mixed-use communities;
- (3) In the case of redevelopment in CRAs, require the involvement of an active citizens organization that is representative of area residents, business people and landowners;
- (4) In no case shall the Traditional Neighborhood Development Regulations be used to allow strip commercial or highway-dependent commercial uses or to allow inappropriate intensity in existing neighborhoods that would disrupt rather than unify them.

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*Policy 4.3B.2. Traditional Neighborhood Development regulations.* Traditional Neighborhood Development Regulations shall:

- (1) Allow clustering of living, working, recreational, shopping and other activities supportive of the local population into self-contained neighborhoods;
- (2) Require pedestrian circulation systems that functionally and physically integrate the various land use activities;
- (3) Incorporate performance standards that regulate buildings by type rather than use;
- (4) Include building setback requirements allowing buildings to abut front sidewalks;
- (5) Allow on-street parking, where deemed appropriate, to buffer walkways from roadways and increase pedestrian safety;
- (6) Concentrate any necessary boundaries along back-to-back property borders so that similar uses front across streets;
- (7) Allow the residents and/or landowners of an area, together with experienced design consultants, to determine the desired character of the community through joint development of controls for architectural and landscape design, signs, streetlights, trees and preservation of natural vistas;
- (8) Include parking standards that acknowledge the pedestrian nature of the community;
- (9) Require well-defined public spaces, buildings and vistas that terminate on focal points, thereby making the area memorable and contributing to a sense of place;
- (10) Permit well-designed, unobstructive sidewalk cafes, including tables and accessory items, where appropriate, to generate business and improve ambiance; and
- (11) Allow for mixed residential and commercial development, i.e., residential uses with supportive commercial uses within a single structure or complex of structures.

**Goal 4.4.** To eliminate or reduce uses of land that are inconsistent with community character or desired future land uses.

*Objective 4.4A.* To eliminate inconsistencies between the FLUM and the zoning maps and regulations.

*Policy 4.4A.1. Rezoning.* Martin County shall rezone individual parcels to the most appropriate zoning district consistent with the Land Development Regulations by the following means:

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- (1) Parcels being considered for amendment to the Future land use designation shall be concurrently evaluated for rezoning to the most appropriate zoning district in the most recently adopted Land Development Regulations.
- (2) Property owners seeking master or final site plan approval shall be required to rezone to the most appropriate zoning district in the most recently adopted Land Development Regulations.

*Objective 4.4B.* To continue to monitor nonconforming uses in order to reduce and/or eliminate nonconformities.

*Policy 4.4B.1. Criteria for changing land use classification.* Unless a property complies with the locational criteria established under Goal 4.13 of this element, Martin County shall not grant changes in land use designations (as shown on the FLUM) to a nonconforming land use or lot of record for the purpose of lessening the restrictions on that property, thereby making it a conforming land use or lot of record. For example, a salvage yard in existence for a significant period of time would not be reclassified to Industrial.

*Policy 4.4B.2. Expansion/replacement of incompatible uses.* Expansion or replacement of land uses that are incompatible with the Future Land Use Plan shall be prohibited. An exception to this policy may be made by the Board of County Commissioners for the County's only remaining and nonconforming private auto/scrap salvage site; it serves the public interest by accepting salvage that might otherwise be illegally disposed of on public or other private property. This site is identified as the salvage operation located on Tract 6 and the west half of Tract 3, Block 65 of the Hanson Grant. To implement this policy, the proposed alterations must reduce the impact of the nonconformity on adjacent properties and will require site plan approval by the Board of County Commissioners.

*Policy 4.4B.3. Recognition of nonconforming uses.* The Land Development Regulations shall recognize nonconforming land uses and nonconforming lots of record, provide for their legal status and provide for the conversion of such situations to conforming land uses, where possible.

*Objective 4.4C.* To gradually reduce or eliminate those existing uses which are nonconforming land uses, as illustrated on the CGMP FLUM Series.

*Policy 4.4C.1. Criteria for nonconforming uses to be reduced.* At a minimum, the following criteria shall govern nonconforming land uses:

- (1) Nonconforming land uses damaged beyond 50 percent of their assessed value by natural or manmade causes shall not be allowed to be reconstructed to a land use that is nonconforming to this Plan.
- (2) Nonconforming land uses shall not be reestablished if the use or activity has ceased for a period of 180 days.

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(3) Additions or expansions to nonconforming land uses shall not be permitted.

*Objective 4.4D.* To continue to evaluate the Land Development Regulations and adopt revisions to address current issues before the County, such as:

- (1) Compatibility policy for determining residential density allocation and transition;
- (2) Policy regarding communication towers (i.e., fall distance and lighting standards);
- (3) Utility substation locational criteria, including buffering and noise impacts;
- (4) Green development and building standards that encourage alternative and renewable energy sources;
- (5) Creation of zoning districts that encourage expansion and relocation of targeted business to Martin County.

*Objective 4.4E.* To provide a formal process for intergovernmental coordination among Martin County, its municipalities and adjoining counties and cities to assure that inconsistent land use patterns are minimized.

*Policy 4.4E.1. Responsibility for directing intergovernmental coordination.* The County Administrator shall have responsibility for directing an effective intergovernmental coordination program for Martin County.

*Policy 4.4E.2. Solicitation of comments on land development.* The County shall solicit comments from the governments and appropriate public agencies with which it shares coordination responsibilities on proposed land development within one-half of a mile of adjoining boundaries.

*Policy 4.4E.3. Procedure for staff participation in coordination.* The County shall establish a procedure for staff to coordinate with other governmental entities when municipal annexations or development approvals are proposed that may affect County LOS standards.

*Policy 4.4E.4. Participation in review of comprehensive plans and amendments.* The County shall participate in the local government review and adoption proceedings of comprehensive plans and plan amendments for the municipalities within its boundaries and for adjacent counties and municipalities.

**Goal 4.5.** To protect the County's natural resource systems from the adverse impacts of development, provide for continued growth in population and economy, and recognize the relationship between coastal zone environmental quality and maintenance of urban infrastructure in waste management and air and water quality.

*Objective 4.5A.* To continue to incorporate into the County's Land Development Regulations those regulations that implement the goals, objectives and policies of the Future Land Use; Conservation; Coastal Management; Sanitary Sewer Services; Potable Water; Drainage and Natural Groundwater Aquifer Recharge; and

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Recreation elements of this Plan and ensure maintenance of the high quality of the natural environment in Martin County.

*Policy 4.5A.1. Attention to cumulative impacts of development.* The Land Development Regulations shall ensure that the development review process addresses the cumulative impacts of development projects on natural resources.

*Policy 4.5A.2. Wetlands on Composite Wetland Map.* Wetlands in Martin County shall be depicted on the Martin County Composite Wetland Map (Figure 9-1, Conservation and Open Space Element).

Martin County shall amend future land use designations and/or densities or intensities of use as depicted on the FLUM to reflect and be consistent with the existence of wetlands as shown on the amended Figure 9-1.

**Editor's note**— Figure 9-1 is on file in the office of the Martin County Growth Management Department.

*Objective 4.5B.* To evaluate and monitor innovative techniques to protect environmentally sensitive features and areas and consider the effectiveness of implementing these innovations in Martin County.

*Policy 4.5B.1. Innovative techniques to be investigated.* Use of the following techniques shall be investigated, at a minimum:

- (1) Overlay zoning districts for environmentally sensitive geographic areas. The underlying zoning district boundaries will retain the applicable minimum development regulations;
- (2) Scenic highway corridor overlay zones to protect natural beauty and scenic vistas along roadways that serve as major access ways, gateways and canopy routes through Martin County;
- (3) Fiscally sound mechanisms such as tax incentives and transfer of development rights to (1) encourage landowners to preserve critical habitats and (2) discourage development adjacent to lands held for conservation or preservation that are identified in the Conservation Element;
- (4) Natural systems used for multiple purposes to the maximum extent possible, such as combining wellfields in natural system preserve areas and designating parks to prevent development in floodplains or high-hazard coastal areas;
- (5) Transfer of development rights or other flexible methods of land development transfer to direct development from unsuitable lands to those most suitable for active use.

*Policy 4.5B.2. Evaluation of environmental programs for exclusionary impacts.* All programs designed to protect environmentally sensitive areas shall be

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evaluated for any possible exclusionary impacts. Such programs shall be implemented only upon determination that all regulations are fair and equitable.

*Objective 4.5C.* To recognize the adopted Soil Survey of Martin County, Florida Area (Martin Soil and Water Conservation District, 1981) and coordinate all future land uses, including the designations on the Future Land Use Map, with the noted soil and topographic conditions. The Soil Survey is adopted by reference as Figure 4-3. The County shall also use available data sources for wetlands, uplands and critical habitats in future delineation of land uses and evaluation of requests for land use changes.

**Editor's note**— Figure 4-3 is on file in the office of the Martin County Growth Management Department.

*Policy 4.5C.1. Use of Soil Survey of Martin County for basic data.* The County shall continue to rely on the Soil Survey of Martin County to provide the basic information on soil conditions and topographic relief for all land use decisions ranging from designations on the FLUM to subdivision, site plan and building permit reviews.

*Policy 4.5C.2. Limitations on future land uses.* Limitations on future land uses are identified as soil conditions, topographic characteristics, natural/water resources, vegetation and wildlife habitat. Land Development Regulations shall recognize these limitations on the use of land. The Coastal Management Element and Conservation and Open Space Element shall be followed when revising the Land Development Regulations.

*Policy 4.5C.3. Control of soil erosion and sedimentation.* The Land Development Regulations shall address methods of controlling soil erosion and sedimentation. A soil erosion and sedimentation control plan shall be required as part of an application for site plan review whenever a development shall involve any clearing, grading, transporting or other form of land disturbance by the movement of earth, including the mining of minerals, sand and gravel.

All measures necessary to minimize soil erosion and control sedimentation in the disturbed land area shall be implemented. In all disturbed areas, velocities of water runoff shall be minimized and sedimentation shall be retained on the development site as early as possible following disturbances.

*Objective 4.5D.* To maintain an inventory of all publicly owned lands and buildings in the County in an easily accessible and usable format.

*Policy 4.5D.1. Record keeping on publicly owned properties.* The County shall coordinate with the Martin County Property Appraiser to maintain a system of record keeping for publicly owned properties.

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*Policy 4.5D.2. Evaluation of publicly owned properties for disposition.* Inventoried properties shall be evaluated for their suitability to be marketed, sold, leased or exchanged for:

- (1) Development of affordable/workforce housing;
- (2) Protection of environmentally sensitive or historically significant sites;
- (3) Provision of recreation opportunities;
- (4) Development of stormwater management facilities; and
- (5) Provision of economic development sites.

*Policy 4.5D.3. Evaluation of publicly owned properties for relocation housing.* Inventoried properties shall be evaluated for their suitability as relocation housing sites for people displaced by redevelopment elsewhere in the County.

*Policy 4.5D.4. Simplified procedures for public-private property exchange.* The County shall establish simplified procedures for public-private property exchanges that could provide opportunities to carry out the goals of this Plan. Such simplified procedures shall comply fully with Florida Statutes concerning the exchange of property.

*Objective 4.5E.* To provide for emergency evacuation procedures and requirements in conjunction with requests for residential development approvals on Hutchinson Island and other high-hazard areas identified on Figure 8-5 Coastal High Hazard Area and detailed in Goal 8.2 of the Coastal Management Element.

**Editor's note**— Figure 8-5 is on file in the office of the Martin County Growth Management Department.

*Policy 4.5E.1. Coordination of Land Development Regulations and infrastructure improvements.* Land Development Regulations and supporting urban infrastructure improvements shall be coordinated to assure that development on coastal barrier islands and other high-hazard coastal areas results in prudent concentrations of population and expenditure of public and private funds, consistent with the most recent evacuation study.

*Policy 4.5E.2. Barrier island development regulations.* Barrier island development regulations shall address at a minimum:

- (1) Maximum residential densities;
- (2) Wetland preservation;
- (3) Shoreline protection;
- (4) Flood damage prevention;
- (5) Endangered species habitat protection;



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- (6) Potable water and wastewater requirements;
- (7) Site design standards;
- (8) Recreation and open space standards;
- (9) Transportation standards;
- (10) Public safety standards; and
- (11) Stormwater quality standards.

The barrier island regulations shall be to limit public expenditures and direct population concentrations away from the coastal high-hazard area.

*Policy 4.5E.3. Implementation of Hutchinson Island management planning.* The County shall continue to implement the findings and recommendations of the Hutchinson Island Resource Planning and Management Plan by:

- (1) Limiting unvested new development on the island to single-family residences; and
- (2) Continuing to enforce the provisions of the Barrier Island and Sea Turtle Protection Regulations.

*Objective 4.5F.* To create opportunities to permanently preserve contiguous open space, environmentally sensitive land and agricultural land uses. Public open space shall not include roads, highways or their median strips/berms. This objective is intended to encourage the fee-simple transfer of land to state, regional or local environmental or government agencies or land trusts as part of established government conservation programs. Lands listed for acquisition include those identified in Save Our Rivers; Florida Forever; the County's land conservation program; the Indian River Lagoon, North Palm Beach and the Lake Okeechobee portions of the Comprehensive Everglades Restoration Plan; and the Northern Everglades and Estuaries Protection Program.

*Policy 4.5F.1. Enforcement of open space protection.* Contiguous public open space, environmentally sensitive land and agricultural land set aside under Objective 4.5F. shall be protected and maintained in perpetuity. This shall be enforced using perpetual easements and/or the conveyance of fee-simple title to a combination of at least three governmental and nongovernmental agencies. One of these agencies shall be Martin County and one shall be the South Florida Water Management District (which shall be listed as the lead agency regarding restoration on any lands included in the Comprehensive Everglades Restoration Plan). The third agency shall be chosen from among the following: Florida Department of Agriculture and Consumer Services, Florida Department of Environmental Protection and environmental entities recognized by the Internal Revenue Service as charitable organizations. These include Audubon of Florida, The Nature Conservancy and the Trust for Public Lands.

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*Policy 4.5F.2. PUD application with Plan amendment.* Compliance with the minimum requirements of Objective 4.5F. qualifies the project to submit a residential PUD application with a concurrent Plan amendment but does not guarantee approval. Approval of the PUD shall be based on:

- (1) Significant site-specific public benefits listed in Policy 4.5F.[6.] These benefits shall be considered during the public hearing process for the PUD application and Plan amendment.
- (2) Same-day adoption by the Board of County Commissioners of a resolution for the PUD and an ordinance for the proposed amendment. The PUD zoning agreement shall not become effective until the Plan amendment becomes effective.

*Policy 4.5F.3. Land use designation of land to be set aside.* The Plan amendment that is part of a joint Plan Amendment and concurrent PUD application submitted under this objective must address the land use designation on the land set aside in perpetuity as contiguous public open space, environmentally sensitive land and/or agricultural land uses in the following manner:

- (1) If the land to be protected and maintained in perpetuity is contiguous public open space or environmentally sensitive land, the plan amendment must include a future land use amendment to change the future land use designation to Institutional Public Conservation.
- (2) The plan amendment must include a FLUM amendment to change the future land use designation to Institutional, Public Conservation where the portion of the land to be protected and maintained in perpetuity lies in one of the following parts of the Comprehensive Everglades Restoration Plan:
  - Indian River Lagoon;
  - North Palm Beach;
  - Lake Okeechobee;
  - Northern Everglades; and
  - St. Lucie Estuary Protection Program.
- (3) If the land to be protected is maintained in perpetuity for agricultural land uses, no change is required to the future land use designation on the property. However, a text amendment will be necessary to remove density and specify allowed uses.

*Policy 4.5F.4. Conditions for approval of PUD zoning district.* As an alternative to the 20-acre minimum lot size in Policy 4.13A.1, a PUD zoning district may be approved by the Board of County Commissioners, consistent with the Agricultural future land use designation, provided all of the following minimum requirements are met:

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- (1) The property must be a minimum of 500 acres and create a public benefit by setting aside in perpetuity at least 50 percent of the property as contiguous public open space, environmentally sensitive land and/or agricultural land uses; and
- (2) At a minimum, the proposed PUD must be fiscally neutral to existing taxpayers; and
- (3) Lots in the PUD must be larger than two acres, and the PUD must not require expansion of the Primary or Secondary Urban Service boundaries; and
- (4) Development in the PUD shall not be allowed on unique, threatened or rare habitat containing species of flora or fauna listed as species of special concern, threatened or endangered by the U.S. Fish and Wildlife Service or the Florida Fish and Wildlife Conservation Commission.
- (5) No land approved for development or land set aside as contiguous public open space, environmentally sensitive land and/or agricultural land uses under this policy shall be eligible for any FLUM amendment that increases residential density or intensity of use. This and other land use restrictions shall be enforced by the CGMP, PUD conditions, perpetual easements, deed restrictions and covenants running with the land; and
- (6) Where land is set aside by conveying fee-simple title, a perpetual easement over the land conveyed shall also be granted to a combination of at least three governmental and nongovernmental entities, one of which shall be Martin County. The purpose of this easement is to restrict future uses and ensure that the entities holding fee-simple title do not sell or develop the property inconsistent with this policy or the approved uses in the PUD agreement. Other agencies shall include those listed in Policy 4.5F.1.; and
- (7) The Plan amendment filed concurrently with the PUD application shall allow the site-specific clustering of density in one portion of the site, including the transfer of full density of any wetlands on the site, at a density that shall not exceed one unit per 20 acres for the total site prior to conveyance. The Plan amendment shall also change the future land use designation of the acquired land to Institutional, Public Conservation, as appropriate. The amendment shall further specify that neither the land conveyed nor the land controlled by the PUD agreement shall be eligible for any additional FLUM amendment that increases residential density or intensity of use; and
- (8) Except for the agricultural land use policies in Policy 4.13A pertaining to the 20-acre lot size, and Policy 9.1G.2.(8) CGMP pertaining to transferring density from wetlands, the PUD application must comply with all CGMP policies and land development regulations; and

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- (9) The entities taking title to land shall pay no more than the total amount of the actual closing costs (e.g., documentary stamps, title insurance, etc.). There shall be no cost to the transferor for the conveyance of the land; and
- (10) The conveyance of land to a combination of at least three governmental and nongovernmental entities, one of which shall be Martin County, pursuant to this policy, shall be considered concurrently with the approval of a rezoning to PUD and the final site plan approval of the first phase of the PUD. Other agencies shall include those listed in Policy 4.5F.1. CGMP.

*Policy 4.5F.5. Conditions for conservation land to be acquired.* PUDs that include land listed for acquisition by state, regional or local agencies as part of an established conservation program shall be subject to the following additional requirements:

- (1) At least 50 percent of the property listed for acquisition by state, regional or local agencies as part of an established conservation program must be conveyed by fee-simple title to at least three environmental, government or land trust entities; and
- (2) No development in the PUD shall be allowed on the land listed for acquisition by state, regional or local agencies as part of an established conservation program unless (1) it has been previously affected by agricultural activities and (2) the proposed development is determined to be inconsequential to the implementation and success of the conservation program; and
- (3) The land to be conveyed shall be subject to a simultaneous FLUM amendment changing the land's designation to Public Conservation.

*Policy 4.5F.6. Site-specific PUD benefits.* Additional significant site-specific benefits may include:

- (1) Setting aside more than the minimum amount of land required;
- (2) Restoring the historical hydrology of the land and the connectivity of natural systems;
- (3) Creating a green buffer to prevent incremental expansion of the urban service district;
- (4) Restricting agricultural leases to retain agricultural uses while reducing their environmental impacts;
- (5) Providing additional support to maintain or preserve the lands in perpetuity;
- (6) Filling the gaps in natural systems, wildlife corridors, greenways and trails; and
- (7) Buffering roadways to limit access and to protect vistas.

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**Goal 4.6.** To protect historical resources in the County from the adverse impacts of development as set forth in Chapter 16, Arts, Culture and Historic Preservation Element.

**Goal 4.7.** To regulate urban sprawl by directing growth in a timely and efficient manner to areas with urban public facilities and services, where they are programmed to be available, at the levels of service adopted in this Plan.

*Objective 4.7A.* To concentrate higher densities and intensities of development in strategically located Primary Urban Service Districts, including commercial, industrial and residential development exceeding a density of two units per acre, where all public facilities are available or are programmed to be available at the base levels of service adopted in the Capital Improvements Element.

*Policy 4.7A.1. Designation of land uses to support urban services.* Martin County shall designate land uses in the Primary Urban Service District to provide for the use and extension of all necessary urban services efficiently and economically.

*Policy 4.7A.2. Development in Primary Urban Service District.* Martin County shall require new residential development with lots of one-half acre or smaller, commercial uses and industrial uses to locate in the Primary Urban Service District. This requirement is to ensure consistency with the County's growth management policies and Capital Improvements Element and to assure that the Plan's LOS standards will be provided and maintained cost-efficiently.

*Policy 4.7A.3. Exceptions to location in the Primary Urban Service District.* All future development of a use or intensity that requires public urban facilities, including water and sewer, will be permitted only in the Primary Urban Service District. The only exceptions are for the currently approved developments below:

- (1) Jonathan Dickinson State Park, as contained in Policy 10.1A.7. and Policy 11.1C.10.;
- ~~(2) The Fort Dawson Parcel, as contained in Policy 10.1A.8. and Policy 11.1C.11.; and~~
- ~~(3) The Indiantown DRI as provided in Policy 4.1F.7.~~
- (4 ~~2~~) Lots 67, 68, 75, 89, 90, 119 through 122 and lots 191 through 220 of Canopy Creek PUD (f/k/a Tusawilla PUD as recorded in Plat Book 16, Pages 039-001 to 039-036, Public Records of Martin County, Florida).
- (~~5~~ 3) Bridgewater Preserve as recorded in Plat Book 16, Pages 033-001 to 033-007, Public Records of Martin County, Florida. Any increase in residential density shall require approval by the Board of County Commissioners for a PUD Zoning Agreement and revised master/final site plan which is consistent with the Rural Density future land use designation and requires that the project connect to the existing potable water and sanitary sewer lines.

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- (6 4) Seven J's Industrial Subdivision, as recorded in Plat Book 15, Page 97 and/or any replat or redevelopment of the property contained within the plat recorded in Plat Book 15, Page 97.
- (7 5) The County landfill, parcel number 07-38-40-000-000-00020-7.
- (8 6) Martingale Commons PUD f/k/a Palm City 95 PUD.
- (97) Sheriff's Shooting Range, parcel number 07-38-40-000-000-00030-5.

*Policy 4.7A.3.1.* All future development of a use or intensity that requires public urban facilities, including water and sewer, will be permitted only within the Primary Urban Service District, except the following facilities may be served with water and sewer service ~~by the City of Port St. Lucie~~

- (1) The Martin Correctional Institution, consistent with an interlocal agreement between Martin County, the City of Port St. Lucie and the Florida Department of Corrections for service to be provided by the City of Port St. Lucie.
- (2) The Martin County Fairgrounds, parcel number 03-40-39-000-000-00011-0 and parcel number 34-39-39-000-000-00021-0.

*Policy 4.7A.4. Discouragement of individual utilities.* Martin County shall discourage the proliferation of small, individual water treatment, wastewater disposal and solid waste disposal facilities. Package treatment plants shall be prohibited.

*Policy 4.7A.5. Development options outside urban service districts.* Martin County shall provide reasonable and equitable options for development outside the urban service districts, including agriculture and small-scale service establishments necessary to support rural and agricultural uses.

A small-scale service establishment shall be defined as a small, compact, low intensity development within a rural area containing uses and activities which are supportive of, and have a functional relationship with the social, economic and institutional needs of the surrounding rural areas.

*Policy 4.7A.6.* Any proposed amendment to either the Primary Urban Service District or the Secondary Urban Service District boundaries shall be considered only after the regular update to the Residential Capacity Analysis is completed and adopted by the Board of County Commissioners.

*Policy 4.7A.7. Allowed alterations to the Primary Urban Service District boundary.* The Primary Urban Service District boundaries delineated on Figure 4-2 (Urban Services District Boundary Map) are intended to separate urban from nonurban

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areas. The land uses and intensity of development permitted in the Primary Urban Service District and development in the district must have all public facilities and services at adopted LOS standards. Therefore, during consideration of any expansion, creation or contraction of these boundaries through the plan amendment process, the Board of County Commissioners must find that the requested alteration to the Primary Urban Service District boundary will:

**Editor's note**— Figure 4-2 is on file in the office of the Martin County Growth Management Department.

- (1) Not create any internal inconsistency with other elements of the adopted CGMP;
- (2) Not result in incompatibilities with adjacent land uses;
- (3) Not adversely impact environmental, natural, historical or archaeological resources, features or systems to a degree that is inconsistent with this Plan;
- (4) Be consistent with Goal 4.9 relating to appropriate residential land use capacities;
- (5) Demonstrate that reasonable capacity does not exist on suitable land in the existing Primary Urban Service District for the 15-year planning period. For the purpose of this subsection, "reasonable" means available for development from the standpoint of environmental concerns, efficient use and expansion of public facilities and services, or availability of development sites in relationship to the projected needs of the population;
- (6) Demonstrate that the land affected is suitable for urban uses; at a minimum, unsuitable uses include environmentally sensitive areas (to the degree they are protected by this Plan), prime agricultural areas, prime groundwater recharge areas and critical habitat for endangered or threatened species. This criterion is not intended to preclude development of surrounding lands provided that the unsuitable areas are fully protected;
- (7) Demonstrate that the full range of urban public facilities and services can be economically and efficiently supplied at the adopted LOS standards; and
- (8) Be consistent with the adopted Capital Improvements Element.

*Policy 4.7A.8. Extension of boundaries.* Boundaries may extend beyond the established delineation or to major boundaries, such as railroads, water bodies or transportation corridors, to a maximum distance of 660 feet, providing that such extensions are consistent with all provisions of the adopted CGMP. Any additional extension must be approved through a comprehensive plan amendment.

*Policy 4.7A.9. Rehabilitation of existing structures.* Martin County shall maximize the use of existing public facilities by encouraging rehabilitation and adaptive

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reuse of existing structures as an in-fill strategy. This shall include redevelopment or adaptive reuse of shopping centers as discussed under Objective 4.10C.

*Policy 4.7A.10. Priority for public services.* In providing public services and facilities and allocating public financial resources for them first priority shall be given to serve the Primary Urban Service District. Second priority shall support the staged development of suitable lands in the Secondary Urban Service District at densities specified in Policy 4.7B.1. or as they are converted to the Primary Urban Service District.

Public services that support or encourage urban development in other areas shall not be provided, unless approved on a case by case basis as part of an amendment to the CGMP, or except for improvements necessary to remedy an existing deficiency. Priorities in this policy shall be established within the existing priority framework of the Capital Improvements Element. In each of its nine priority rankings, capital needs in the Primary Urban Service District shall be satisfied first. Similarly, needs in the Secondary Urban Service District shall be addressed prior to existing deficiencies in other areas. The term "staged" development shall mean the geographic, logical progression of land use from more intensively developed areas adjacent to the Primary Urban Service District to the lesser developed, lower density areas of the Secondary Urban Service District.

*Policy 4.7A.11. Fiscally sound methods for encouraging in-fill development.* The County shall consider recommendations from the Affordable Housing Advisory Committee and others in developing fiscally sound means to encourage in-fill development on vacant lands in Primary Urban Service Districts where private reinvestment and development may not be appealing without public encouragement.

*Policy 4.7A.12. Outlying areas of the Primary Urban Service District.* Martin County recognizes the following detached, outlying areas that meet the use and/or density criteria of the Primary Urban Service District but either (1) are subject to the waiver provisions in the Future Land Use Element or (2) existed before adoption of the 1982 Comprehensive Plan. These areas will not receive the same level of urban services as provided for the contiguous areas in the main Primary Urban Service District:

- (1) Mobile home park area south of C.R. 714 between I-95 and S.R. 76A;
- (2) Mobile home park area east of S.R. 76A immediately north of the intersection of S.R. 76A and Citrus Blvd. (S.R. 726).

*Policy 4.7A.13. Public schools in urban service districts.* Public schools shall be an allowable use in the Primary Urban Service District. Public schools may be allowed in the Secondary Urban Service District based on a demonstration of need. 4.7A.14



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*Policy 4.7A.14. Allowable development outside the Primary Urban Service District.* The following forms of development are recognized exceptions to the general prohibitions on development outside of the Primary Urban Service District set forth in Policies 4.7A.1. through 4.7A.13.:

- (1) The County landfill, parcel number 07-38-40-000-000-00020-7.
- (2) The AgTEC land use category as set forth in Policy 4.13A.9.
- (3) Facilities in Jonathan Dickinson State Park, as set forth in Policy 10.1A.7. and Policy 11.1C.10.
- (4) Seven J's Industrial Area, as recorded in Plat Book 15, Page 97 and/or any replat or redevelopment of the property contained within the plat recorded in Plat Book 15, Page 97.
- (5) Martingale Commons PUD f/k/a Palm City 95 PUD.
- (6) Sheriff's Shooting Range, parcel number 07-38-40-000-000-00030-5.
- (7) Parcel number 28-40-42-000-000-00020-5, parcel number 28-40-42-000-000-00040-1, parcel number 28-42-000-000-00011-0, and parcel number 21-40-42-004-000-00005-0 on S.E. Island Way.
- (8) The Martin County Fairgrounds, parcel number 03-40-39-000-000-00011-0 and parcel number 34-39-39-000-000-00021-0.

*Objective 4.7B.* To concentrate rural and estate densities not exceeding one unit per gross acre in Secondary Urban Service Districts, where a reduced level of public facility needs are programmed to be available at the base level of service adopted in the Capital Improvements Element.

*Policy 4.7B.1. Land uses allowed in the Secondary Urban Service District.* In the Secondary Urban Services District, Martin County shall designate land uses that (1) will provide for the efficient and economical use and extension of urban services, and (2) are consistent with the reduced intensity of urban services normally associated with densities of one unit per gross acre (Estate Density RE-1A) and one unit per two gross acres (Rural Density). Sewer and water may be provided in the Secondary Urban Service District ~~in accordance with the Indiantown DRI, Policy 4.1F.9; pursuant to a development order that may be issued by Martin County on the Tesoro Groves parcels 05-40-39-000-000-00010-1 and 05-40-39-007-000-00020-2 as described in Official Record Book 02367 Pages 0313 through 0317; and to projects that have vested under previous approvals.~~

*Policy 4.7B.2. Prohibition of free-standing Secondary Urban Service Districts.* Since the purpose of the Secondary Urban Service District is to accommodate low-density rural and suburban residential development on the edge of urban

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development, there shall be no additional free-standing Secondary Urban Service Districts or expansions of them.

*Policy 4.7B.3. Conditions for expansion of Secondary Urban Service Districts.* Since the Secondary Urban Service District accommodates residential uses at the edge of urban development, expansion of its boundaries shall be permitted only when it can be demonstrated that:

- (1) A clear separation can be maintained between urban and rural uses;
- (2) Internal inconsistency is not created with other elements of the adopted CGMP;
- (3) Land use incompatibilities with adjacent or nearby land uses do not result;
- (4) No adverse impacts will result on environmental, natural, historical or archaeological resources, features or systems to a degree that is inconsistent with this Plan;
- (5) Reasonable residential capacity does not exist on suitable land in the existing Secondary Urban Service District for the 15-year planning period. For the purpose of this subsection "reasonable" means available for development from the standpoint of environmental concerns, efficient use and expansion of public facilities and services, or availability of development sites sufficient for projected housing needs;
- (6) Consistency can be maintained with Goal 4.9 relating to appropriate residential land use capacities;
- (7) The land affected is suitable for urban uses. Unsuitable uses include environmentally sensitive areas to the degree they are protected by this Plan, prime agricultural areas, prime groundwater recharge areas and critical habitat for endangered or threatened species. This criterion does not preclude development of surrounding lands provided that the unsuitable areas are fully protected; and
- (8) Consistency is maintained with the adopted Capital Improvements Element.

*Policy 4.7B.4. Density of residential development in Secondary Urban Service Districts.* Martin County shall require that residential development in Secondary Urban Service District have density no higher than specified under this objective. Lands shall be included in the Secondary Urban Service District based on (1) consistency with the County's growth management policies and Capital Improvements Element and (2) maintenance of LOS standards in a cost-efficient manner.

*Policy 4.7B.5. Criteria for inclusion in Secondary Urban Service Districts.* Areas that meet the density criteria and are contiguous to the Primary Urban Service District shall be delineated as Secondary Urban Service Districts on the Urban Services District Map. A tract that would normally qualify for designation in the

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Secondary Urban Service District that is surrounded on at least three sides by Primary Urban Service District areas may be included in the Primary Urban Service District, through a Plan amendment.

*Policy 4.7B.6. Criteria for change of designation.* In areas designated as Secondary Urban Service Districts, where development is proposed that would contain one-half acre lots or commercial and industrial uses, a change of designation to Primary Urban Service District (1) must be approved by the Board of County Commissioners as part of a future land use amendment and (2) must meet all the policies under Objective 4.7A relating to Primary Urban Service Districts, ~~or as may be permitted in accordance with the Indiantown DRI consistent with Policy 4.1F.9.~~

*Policy 4.7B.7. [Reserved.]*

*Policy 4.7B.8. Utility services in the Secondary Urban Service District.* Utility service shall not be extended into the Secondary Urban Service District, except ~~pursuant to a development order that may be issued by Martin County on the Tesoro Groves parcels 05-40-39-000-000-00010-1 and 05-40-39-007-000-00020-2 as described in Official Record Book 02367 Pages 0313 through 0317;~~ and for projects vested based on master plan approval consistent with the policies in effect at the time of approval. To remain vested projects must be proceeding in accordance with their timetables and the conditions of approval.

*Policy 4.7B.9. [Reserved.]*

*Policy 4.7B.10. Areas to receive different levels of urban services.* Martin County recognizes the following detached, outlying areas that meet the use and/or density criteria of the Secondary Urban Service District but are either subject to the waiver provisions in this Element or were in existence prior to the adoption of the 1982 Comprehensive Plan. These areas will not receive the same level of urban services as provided for the main Secondary Urban Service Districts located contiguous to the Primary Urban Service District:

- (1) Country Place Subdivision on the east side of S.R. 76A just south of I-95;
- (2) Linear area between Citrus Blvd. (S.R. 726) and the Okeechobee Waterway, from Indiantown to S.R. 76A.

*Objective 4.7C.* To initiate several long-term studies regarding land use needs with the Treasure Coast Regional Planning Council and other interested parties as outlined in the following policies.

*Policy 4.7C.1. Planning studies with Palm Beach and St. Lucie counties.* Martin County shall participate in planning efforts in conjunction with Palm Beach County and its northern municipalities and St. Lucie County and its southern municipalities. All such activities shall be coordinated with the Greenways planning efforts underway by the State of Florida.

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*Policy 4.7C.2. Orderly Expansion of the Primary or Secondary Urban Service District.* Martin County shall not establish new, isolated, Primary or Secondary Urban Service Districts. Orderly expansion shall be on land contiguous to an existing Primary or Secondary Urban Service District, if a determination of need is made consistent with policies supporting Objective 4.7A. or Objective 4.7B., respectively.

*Policy 4.7C.3. Determination of need to increase the urban service district.* Consistent with policies supporting Goal 4.7., Martin County shall determine if there is any need to increase the County's Primary or Secondary Urban Service Districts. If such a need is determined, Martin County will investigate ways to address those needs, including expansion of the district, transfer of development rights or other techniques

*Policy 4.7C.4. Inventory of commercial and industrial lands.* Martin County shall continue to refine its inventory of commercial and industrial lands in accordance with the policies cited in Policy 15.3D1.

*Policy 4.7C.5. Redesignation of inappropriately designated lands.* Martin County shall develop a program to work with property owners to change the future land use designation on land identified as inappropriate or unsuitable for industrial development, as determined by the studies to be done in accordance with policies in Policy 15.3D.5.

*Policy 4.7C.6. Identification of sites for affordable housing.* Martin County shall identify additional sites for affordable and workforce housing including medium and high density residential development.

*Objective 4.7D.* To assure that facilities and services are provided equitably to support urban and rural development. Where deficiencies are found, they shall be satisfied through equitable fiscal contributions prior to issuing permits for such development.

*Policy 4.7D.1. Coordinate future development.* Final site plans shall be approved only after the owner/applicant has provided plans and assurances that all requirements for road improvements, potable water service, wastewater disposal, drainage, recreation areas, schools and protective services shall be satisfied prior to the issuance of a development order, as provided in the Capital Improvements Element.

*Policy 4.7D.2. Provision of adequate capital facilities.* Prior to granting development approval, Martin County shall assure that adequate capital facilities and public services are available to support the development as specified in the Concurrency Management System of the Capital Improvements Element.

*Policy 4.7D.3. Responsibility for expanded capital facilities.* The development shall bear the full cost of providing the new or expanded capital facilities required

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by it. Impact fees and dedication requirements are preferred methods of regulating land development to ensure that it bears a proportionate share of the cost of capital facilities needed by the development and to promote and protect the public health, safety and general welfare. Development approvals requiring dedications of land, capital improvements or equitable contributions of fees, or any combination of them, shall be granted appropriate credit for such dedications, capital improvements or equitable contributions at the time the impact fee is collected.

**Goal 4.8.** To encourage energy conservation and promote energy-efficient land use and development that implements sustainable development and green building principles.

*Objective 4.8A.* Martin County's Land Development Regulations shall be revised to ensure that development and redevelopment activities maximize energy conservation through effective and cost-efficient land use and design.

*Policy 4.8A.1. Encouragement of sustainable development principles.* Land Development Regulations shall encourage the following sustainable development principles:

- (1) Encourage the location and scale of land use activities to minimize long-term energy commitments for construction, operation, maintenance and replacement.
- (2) Encourage the design, siting and orientation of buildings to use the sun, wind, tree canopies and plant materials to reduce the demand for artificial heating, cooling, ventilation and lighting.
- (3) Ensure energy conservation in building, heating and cooling systems.
- (4) Take advantage of compact building design.
- (5) Create walkable neighborhoods.
- (6) Foster distinctive, attractive communities with a strong sense of place.
- (7) Provide a variety of transportation choices between employment centers, tourism destinations, public facilities and residential neighborhoods.

*Objective 4.8B.* To pursue implementation of green building standards developed by the Florida Green Building Coalition Inc. or the Leadership in Energy and Environmental Design (LEED) standards developed by the United States Green Building Council.

*Policy 4.8B.1. Compliance with green building standards.* All buildings constructed by Martin County shall be built in compliance with the Florida Green Building Coalition's minimum design standards.

*Policy 4.8B.2. Incentives for using green building standards on nonresidential structures.* Martin County shall work with the Treasure Coast Builders Association

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to develop voluntary incentives for using the standards of the Florida Green Building Coalition or LEED on nonresidential structures.

*Policy 4.8B.3. Application of green building standards on residential structures.* Martin County shall work with the Treasure Coast Builders Association to investigate the application of green building standards on all residential construction.

*Objective 4.8C.* To allow and encourage renewable energy resources such as wind and solar technologies in all future land use designations.

*Policy 4.8C.1. Alternative energy in appropriate zoning districts.* As the technology for wind, solar and other forms of power generation advance, the Land Development Regulations shall be revised to permit different forms of power generation in appropriate zoning districts.

*Policy 4.8C.2.* Pursuant to F.S. 163.04, a deed restriction, covenant, declaration, or similar binding agreement may not prohibit or have the effect of prohibiting solar collectors, clotheslines, or other energy devices based on renewable resources from being installed on buildings erected on the lots or parcels covered by the deed restriction, covenant declaration, or binding agreement. A property owner may not be denied permission to install solar collectors or other energy devices by any entity granted the power or right in any deed restriction, covenant, declaration, or similar binding agreement to approve, forbid, control, or direct alteration of property with respect to residential dwellings and within the boundaries of a condominium unit.

*Policy 4.8C.3. Solar farms.* Solar panels producing renewable energy may be counted toward open space requirements in the Agricultural future land use designation when the solar panels are mounted above ground and a permeable surface is maintained under the panels. Accessory structures, such as transformers, substations and energy storage equipment shall not be counted toward open space requirements.

**Goal 4.9.** To provide for appropriate and adequate lands for residential land uses to meet the housing needs of the anticipated population and provide residents with a variety of choices in housing types and living arrangements throughout the County.

*Objective 4.9A.* To monitor population growth, development orders and Future Land Use Map amendments to ensure that an appropriate and adequate supply of residential land use is maintained in the unincorporated areas of the County.

*Policy 4.9A.1. Suitable siting of residential development.* Residential development shall be located in areas that are suitable in terms of efficient land use planning principles regarding the location and design of units; projected availability of service and infrastructure capacity; proximity and accessibility to employment, commercial and cultural centers and fire and police protection;

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avoidance of adverse impacts to natural resources; and continued viability of agricultural uses. The guideline for determining proximity is that commercial and employment opportunities are within 7.5 miles or 20 minutes.

*Policy 4.9A.2. Mixed-use developments outside CRAs.* Martin County shall establish Land Development Regulations to guide mixed-use development in commercial areas outside CRAs.

*Objective 4.9B.* To ensure the Land Development Regulations provide zoning classifications allowing a variety of housing types and locations.

*Policy 4.9B.1. Residential zoning classifications.* At a minimum, residential zoning classifications shall be:

- (1) Designed for sufficient single-family, multifamily and mobile home/manufactured housing development to meet the needs demonstrated in the Housing Element;
- (2) Located consistent with the designations of the Future Land Use Map and the policies of this Plan.

*Objective 4.9C.* To ensure that the Land Development Regulations provide for residential zoning classifications allowing for flexibility in site design and land use mix.

*Policy 4.9C.1.* At a minimum, the residential zoning classifications shall provide for:

- (1) A variety of lot sizes, floor areas, setbacks and residential land use mixes, to permit a choice in housing types, designs and price levels in both urban and rural areas;
- (2) PUDs, to encourage creativity in development, design, protection of open space and protection of environmental features, and a mix of residential and nonresidential land uses;
- (3) Mixed residential and commercial development, to allow for residential uses with supportive commercial uses in a single structure or complex of structures;
- (4) Mixed residential and professional office development, to serve as a transition between residential areas and other more intensive land use areas.

*Objective 4.9D.* To ensure that the Land Development Regulations to include requirements that ensure orderly transitions in residential densities in land use categories and PUDs.

*Policy 4.9D.1. Procedures for orderly transitions in residential density.* At a minimum these regulations shall:

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- (1) Allocate residential densities compatible with available public services, natural features of land and existing and anticipated future development;
- (2) Allocate higher densities to sites highly accessible to major urban thoroughfares or urban collector streets and to sites adjacent to existing development with the same or higher density or a less restrictive zoning district;
- (3) Allocate higher densities to sites highly accessible to major urban thoroughfares or urban collector streets and to sites adjacent to existing development with the same or higher density or that can be adequately buffered from adjacent existing development or otherwise meet the density transitioning requirements of Section 4.1F.1., if applicable;
- (4) Where density transition areas as required by the policies under Objective 4.1F cannot be physically accommodated, the County shall investigate performance zoning concepts that provide a physical buffer or a combination of use separation and landscape planting. For projects providing affordable or workforce housing to eligible households as defined by the Housing Element, the required density transition areas may also be satisfied by providing a minimum 25-foot buffer with a 6-foot-high opaque fence or wall and landscaping.

*Policy 4.9D.2. Coordination of procedures for orderly transition.* The requirements for orderly transition in residential densities shall be coordinated with the policies for land use allocation under Goal 4.13 and the mixed-use policies under Goal 4.3.

*Objective 4.9E.* To ensure the Land Development Regulations promote orderly land use transitions by requiring buffering between incompatible land uses.

*Policy 4.9E.1. Forms of buffering between land uses.* Buffering between incompatible land uses may take the form of:

- (1) Physical barriers, such as berms, hedges or other landscape cover; walls or fences aesthetically designed for screening purposes; or indigenous densely vegetated open space;
- (2) A transitional use between the incompatible uses providing for (1) low-intensity office development or (2) live-work units separating retail commercial centers and residential developments, when the impacts of live-work units are comparable to and do not exceed the impacts of office use.

*Policy 4.9E.2. Buffers in CRAs.* Buffers for mixed use in CRAs shall be as found in Policy 4.3A.7.

*Policy 4.9E.3. Buffers and circulation.* Buffering shall allow for pedestrian, bicycle and vehicular links between land uses.



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*Objective 4.9F.* To periodically amend the Land Development Regulations to enhance landscape requirements in residential areas.

*Policy 4.9F.1. Enhancement of scenic vistas.* Special attention shall be given to enhancing scenic vistas along the Atlantic Ocean, Intracoastal Waterway, St. Lucie River, Loxahatchee River, Indian River, Savannas and major transportation corridors by preservation of open space, installation and maintenance of landscaping, and application of community appearance criteria that reinforce good principles of design, as noted under Goal 4.5.

*Policy 4.9F.2. Requirements of Land Development Regulations.* The Land Development Regulations shall consider, at a minimum:

- (1) Preservation of open space and native vegetation;
- (2) Installation and maintenance of landscaping;
- (3) Application of sound principles of community design.

*Objective 4.9G.* To provide for residential development and required community facilities to adequately meet the housing needs of the present and expected future population of the County measured in accordance with Goal 4.9. (Residential Land Use) and Goal 4.4. (Eliminate inconsistent uses). Residential development shall be planned and designed to create and perpetuate stable living areas and protect investments in land and land improvements.

*Objective 4.9H.* To protect residential areas from encroachment by incompatible development. Existing and future residential areas shall be protected from encroachment by commercial or industrial development or other nonresidential uses having characteristics that would be incompatible with residential development. This objective does not preclude necessary community facilities and compatible uses established in planned communities from locating in residential areas when such activities satisfy established zoning criteria. Nonresidential land uses other than community facilities, houses of worship and certain not-for-profit public or quasi-public institutions or clubs shall be excluded from exclusively residential areas, except as provided for in the Land Development Regulations. This objective and supporting policies shall not apply to the MUV future land use designation.

*Policy 4.9H.1. Protect Residential from commercial uses .* No commercial land uses shall be permitted in residential areas delineated on the Land Use Map unless such uses are approved by the County as a home occupation or as an incidental commercial use that support residential units in a Residential PUD consistent with the Martin County Land Development Regulations. No industrial use may be permitted in any exclusively residential area as denoted on the Land Use Map. Commercial and Light Industrial uses may be allowed in Residential land uses in the Mixed Use Overlay of a CRA in accordance with Goal 4.3. Inconsistent uses shall be eliminated consistent with the provisions of Goal 4.4.

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*Policy 4.9H.2. Protect Residential from nonresidential uses .* Any nonresidential use proposed as part of a Residential PUD is to be designed principally to support the residential units and shall be incidental to them. Calculations of residential density shall not include land area used for commercial, industrial or other nonresidential purposes including parking, access ways, open space or utilities principally supporting the nonresidential development. The maximum size of the nonresidential use shall be determined by a formula provided in the Land Development Regulations.

This formula may be adjusted by the Board of County Commissioners when the applicant can acceptably demonstrate that a larger nonresidential allocation is a necessary convenience for a larger market area. This demonstration shall include a market feasibility report that shall analyze:

- (1) All existing competing commercial facilities within a six-mile radius of the site, including delineation of estimated market areas and projected number of users assigned to each primary and secondary market area;
- (2) Impacts of the proposed commercial facility on land resources designated on the FLUM for future nonresidential development; and
- (3) The impact of the proposed nonresidential development on the quality and character of existing and anticipated future residential development in the neighborhood, including traffic impacts.

After reviewing the applicant's plan and market feasibility report, the Local Planning Agency shall recommend to the Board of County Commissioners whether the demonstrated need exists for additional nonresidential area beyond the maximum allowable gross leasable floor area, as determined in the Land Development Regulations. The Board of County Commissioners shall make the final determination as to whether a net beneficial public use is served by the proposal.

**Goal 4.10.** To provide for adequate and appropriate sites for commercial land uses to serve the needs of the County's anticipated residents and visitors.

*Objective 4.10A.* To continue using the Land Development Regulations to provide a variety of commercial zoning districts to implement future land use designations and provide sufficient space for a variety of activities.

*Policy 4.10A.1. Diverse commercial zoning districts.* Appropriate zoning districts shall be provided, at a minimum, for research and development facilities; targeted industries; business and professional offices; general retail sales and services; limited commercial uses; wholesale trades and services; and marine waterfront commercial uses.

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*Policy 4.10A.2. Zoning for research and development.* A zoning district shall be created to permit research and development in one or more commercial future land use designations.

*Objective 4.10B.* To consider the space requirements and location of commercial development and its impact on a community when assigning commercial future land use designations.

*Policy 4.10B.1. Criteria for commercial land use designation.* The following criteria, at a minimum, shall be used for assigning a commercial land use designation at a given location on the Future Land Use Map:

- (1) Trip generation characteristics; impact on existing and planned transportation facilities; and ability to achieve functional internal circulation and a landscaped parking area.
- (2) Specific needs of commercial activities, such as market area, anticipated employment generation and floor area requirements.
- (3) Compatibility with and impact on other surrounding commercial activities.
- (4) Relationship to surrounding land uses and natural systems.
- (5) Impact on existing and planned community services and utilities.

*Policy 4.10B.2. Criteria for siting commercial development.* Commercial development shall be strategically directed to areas best able to accommodate its specific requirements of land area, site, public facilities and market location. The aim is to promote efficient traffic flow along thoroughfares, achieve orderly development and minimize adverse impacts on residential quality.

*Policy 4.10B.3. Avoidance of strip commercial development.* Changes in land use designation shall not be granted if the Board of County Commissioners finds (upon review by the Local Planning Agency) that the change will lead or contribute to a proliferation of strip commercial development. The existence of commercial areas on one corner shall not dictate development with the same or similar use on all corners. Nor shall the existence of commercial development on a major thoroughfare dictate similar use for all frontage. Mixed-use development shall not be considered strip commercial development.

*Policy 4.10B.4. Criteria to guide mixed-use development.* Martin County shall continue to refine policies and criteria to guide mixed-use development.

*Objective 4.10C.* To allow the conversion of commercial development to mixed-use development, in order to encourage redevelopment or adaptive reuse of shopping centers or other commercial core areas, thereby limiting unnecessary strip commercial shopping center development.

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*Policy 4.10C.1. Identification of vacant commercial properties.* The County shall identify vacant or underused commercial properties outside CRAs, especially in commercial core areas and along U.S. Highway 1.

*Policy 4.10C.2. Analysis of underused shopping centers.* Martin County shall complete an analysis of underused shopping centers for the purpose of meeting Objective 4.10C by July 2012.

*Policy 4.10C.3. Feasibility of including affordable housing in adaptive reuse policy.* The analysis of underused shopping centers shall specifically consider the feasibility of and incentives needed to incorporate affordable housing opportunities into any adaptive reuse policy.

*Policy 4.10C.4. Conditions for site plan approval.* Final site plans shall not be approved pursuant to this objective until Martin County adopts amendments to the Land Development Regulations:

- (1) Identifying commercial future land use designations and commercial zoning districts where mixed use will be allowed.
- (2) Identifying permitted residential density.
- (3) Identifying permitted commercial space.
- (4) Identifying the appropriate balance between residential and commercial space.
- (5) Encouraging affordable housing, workforce housing and specialized housing, such as residential care facilities.
- (6) Requiring interconnectivity between strip commercial spaces when adapted for reuse.

*Objective 4.10D.* To continue to refine the Land Development Regulations to ensure compatibility and smooth transitions between commercial and noncommercial land uses.

*Policy 4.10D.1. Transitional uses to separate commercial from residential uses.* Office development and live-work units may serve as transitional uses separating more intensive commercial uses from residential development, when live-work units are limited to those with impacts equal to or less than the impacts of office development.

*Policy 4.10D.2. Encouragement of office and live-work units in commercial areas.* Office use and live-work units are encouraged along the outer fringe of core commercial areas to encourage reinvestment in adjacent, declining residential areas.

*Objective 4.10E.* To encourage improved design of core commercial areas that serve as the focal point of major unincorporated communities.

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*Policy 4.10E.1.* Improved design of commercial development is to be used to promote the commercial core areas of Jensen Beach, Palm City, Port Salerno, and Hobe Sound ~~and Indiantown~~. Improved physical design is aimed at reinforcing and improving their role as community centers of office and institutional activity, retail trade and civic and cultural enrichment. Innovative themes and design approaches will be used that are consistent with the purpose and unique character of these areas. Development shall accommodate and encourage pedestrian circulation. Vehicular traffic flow and parking shall be designed to reinforce and improve pedestrian mobility.

**Goal 4.11.** To provide for adequate and appropriate sites for industrial land uses to support the role of industry in the County's economy.

*Objective 4.11A.* To continue to use the Land Development Regulations to provide a variety of zoning classifications to implement the Industrial future land use designation and accommodate a diversity of industrial development, as desired by the community.

*Policy 4.11A.1. Zoning district for research and development.* A zoning district shall be created to permit research and development in the Industrial future land use designation.

*Objective 4.11B.* To ensure the County's Land Development Regulations recognize locational criteria for industrial land in the Land Use Element and ensure that space requirements are satisfied when determining the distribution of specific types of industrial activities.

*Policy 4.11B.1. Development review process for industrial development.* The development review process shall ensure that, at a minimum:

- (1) Industrial activities are compatible with surrounding land uses, established or planned development, and natural systems and resources.
- (2) Sites for industrial development are accessible to essential public and private facilities and services at the levels of service adopted in this Plan for transportation, potable water, solid waste, drainage and sanitary sewer.
- (3) Sites for industrial development are located with convenient access to major road transportation corridors and are encouraged to locate with convenient access to air, water and rail transportation facilities.
- (4) Sites for industrial development are located with convenient access to the labor supply, raw material sources, energy resources and market areas.
- (5) A need for industrial land use is demonstrated in a County-wide assessment when industrial proposals are considered by the Board of County Commissioners.

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*Objective 4.11C.* To ensure the Land Development Regulations continue to minimize the "nuisance" effects or other negative impacts of industrial activity.

*Policy 4.11C.1. Nuisance standards for industrial development.* The Land Development Regulations shall contain standards that manage, at a minimum, noise, air pollutants, odor, vibration, fire or explosive hazard, and glare. Industrial activities shall be located and designed based on their ability to comply with these standards.

*Policy 4.11C.2. Buffers in industrial areas.* Natural vegetation and other appropriate buffers shall be required where appropriate to minimize adverse impacts of the activity on nearby land uses.

*Objective 4.11D.* To prepare an annual report aimed at selectively expanding the County's industrial base, consistent with the economic assumptions and limitations in the Economic Element (Chapter 15).

*Policy 4.11D.1. Criteria for encouraging industries.* The County shall encourage industries that:

- (1) Generate high levels of employment offering higher than average wages and salaries and relative independence from cyclical changes in the economy;
- (2) Produce services and/or products that complement the needs and resources of existing industry in Martin County;
- (3) Provide basic industry that is likely to attract additional industry compatible with the goals and objectives in the Economic Element;
- (4) Contribute net revenue to the Martin County government, thus enhancing the County's fiscal capability;
- (5) Conserve the County's natural resources and public facilities by generating minimal adverse impacts on groundwater and potable water, the transportation system, the solid waste system and other natural resources or community facilities.

*Policy 4.11D.2. Sufficient industrial land.* Allocation of land for industrial development shall reflect its location and space requirements and the potential fiscal and environmental impacts on Martin County. The location and distribution of specific types of industrial activities shall be determined based on the following considerations:

- (1) Trip generation characteristics and impact on existing and planned transportation systems, including dependence on rail, air or trucking for distribution of materials and goods;
- (2) Anticipated employment generation, floor area requirements and market area;

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- (3) Ability to meet established performance standards for preventing or minimizing nuisance impacts, such as emission of air pollutants, glare, noise or odor;
- (4) Impact on established or planned development and natural systems;
- (5) Impact on existing and planned public services, utilities and water and energy resources; and
- (6) Ability to connect to a regional water and wastewater treatment system.

**Goal 4.12.** To fairly and equitably enhance and protect appropriate and productive land for agricultural uses.

*Objective 4.12A.* To ensure the Land Development Regulations set forth procedures to preserve the agrarian character of agricultural lands and to provide other methods to maintain the economic viability of agriculture.

*Policy 4.12A.1. Prevention of urban encroachment on agricultural lands.* The County shall restrict expansion of urban public facilities and services to the urban service districts designated in this Plan to preserve agricultural land and provide farmers with maximum protection from urban encroachment.

*Policy 4.12A.2. Restrictions outside urban service districts.* Outside urban service districts, development options shall be restricted to low-intensity uses, including Agricultural lands, not exceeding one unit per 20 gross acres; Agricultural Ranchette lands not exceeding one unit per five gross acres; and small-scale service establishments necessary to support rural and agricultural uses.

*Policy 4.12A.3. Soil conservation practices.* The County shall encourage the use of soil conservation practices that best minimize erosion and protect soil productivity.

*Policy 4.12A.4. Allowance of congregate housing.* The County shall permit congregate housing for agricultural farm workers as an agricultural activity consistent with this Plan.

*Policy 4.12A.5. Minimum farm size for congregate housing.* The land on which congregate housing is located shall be a minimum of 60 acres and under common ownership with a contiguous producing farm.

*Policy 4.12A.6. Use of congregate housing.* The congregate housing shall be inhabited solely by farm workers, and the facilities shall satisfy the Florida Building Code and Section 64-E of the Florida Administrative Code. Facilities constructed to house farm workers shall not be used to house any other persons or for any other purpose.

*Policy 4.12A.7. Standards for congregate housing.* Failure to maintain safe and sanitary facilities, consistent with the Florida Building Code, the Land

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Development Regulations of Martin County and Section 64-E of the Florida Administrative Code may cause the Board of County Commissioners to require closure or demolition of the facilities.

*Objective 4.12B.* To monitor and evaluate innovations and new management practices for preserving farmlands while protecting the property rights of farmers.

*Policy 4.12B.1. Innovations for preserving farmland.* At a minimum, the following innovations shall be investigated to preserve farmland:

- (1) Fiscal incentives such as differential assessments to reduce burdensome property taxes;
- (2) Transferable development rights that compensate the owners of preserved land for the loss of their rights to develop;
- (3) Voluntary agricultural districts coupled with benefits and assurances to improve farming conditions.

*Objective 4.12C.* To strongly urge preservation of agricultural lands in the County, as denoted on the FLUM, realizing that soil attributes and climatic conditions make the land especially productive for agriculture and silviculture.

*Policy 4.12C.1. Incentives for farming.* Owners of agricultural land shall be encouraged through incentives to keep the land in productive use. Preserving the agrarian character of agricultural lands outside the urban service district boundaries (Figure 4-2) shall involve the use of land and water management policies, including the FLUM; strategies for locating and timing public and private improvements; subdivision controls; and other relevant land use controls.

**Editor's note**— Figure 4-2 is on file in the office of the Martin County Growth Management Department.

*Objective 4.12D.* To continue to preserve agricultural lands by restricting expansion of urban services to areas adjacent to urban cores, unless approved on a case by case basis as part of an amendment to the CGMP. In addition to its economic and fiscal benefits, this objective will protect farmers from encroachment by urban uses. Also, congregate farm worker housing will aid flexibility in land management policies for owners of large farms. As additional issues unfold, the County shall continue to apply innovative concepts to reconcile preservation of agricultural land with protection of farmers' property rights.

**Goal 4.13.** To allocate land uses as indicated on the Year 2025 Land Use Map to provide for compatibility with existing development, consistency with the Capital Improvements Element, protection of natural resources and implementation of the adopted LOS standards.



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*Objective 4.13A.* To revise the Land Development Regulations as necessary to implement policies for land use allocation.

*Policy 4.13A.1. Intent of agricultural designation.* The FLUM identifies those lands in Martin County that are allocated for agricultural development. This designation is intended to protect and preserve agricultural soils for agriculturally related uses, realizing that production of food and commodities is an essential industry and basic to the County's economic diversity. Most agricultural lands are far removed from urban service districts and cannot be converted to urban use without substantial increases in the cost of providing, maintaining and operating dispersed services. The allocation of agricultural land is furthered by Goal 4.12.

The further intent of the Agricultural designation is to protect agricultural land from encroachment by urban or even low-density residential development. Such development affects the natural environment and may cause adverse impacts such as erosion, run-off, sedimentation and flood damage, all of which reduce the land's agricultural productivity. Residential development in the Agricultural future land use designation is restricted to one single-family residence per gross 20-acre tract. To further avoid activities that adversely affect agricultural productivity on such lands on the FLUM, development shall not be permitted that divides landholdings into lots, parcels or other units of less than 20 gross acres. Acreage may be split for bona fide agricultural uses into parcels no smaller than 20 gross acres. Subdivisions containing residential dwellings must be platted, provide for all necessary services and maintain a minimum of 50 percent open space. Wetlands and landlocked water bodies may be used in calculating open space as long as at least 40 percent of the upland property consists of open space. Buildings in Agricultural developments shall be no more than 40 feet in height.

Subdivisions containing residential dwellings at a density greater than one single-family dwelling unit per 20 gross acre lot shall not be allowed.

In agriculturally designated lands, the Agriculture zoning districts shall provide definitive policy regarding development options. All such provisions in agricultural zoning districts shall be consistent with the CGMP. Limited residential and other uses are permitted where they are directly related to and supportive of agriculture or would not jeopardize the integrity of the agricultural purpose of the district.

- (1) *Congregate housing for farm workers.* Farm worker housing shall be considered an agricultural activity and shall only be permitted as part of bona fide agricultural activity, consistent with Policies 4.12A.4. through 7. Agricultural zoning shall include farmworker housing as a permitted use, implementing this provision.
- (2) *Conversion of land designated Agricultural on the FLUM.* Agriculturally designated land may be redesignated only by an amendment to the FLUM.

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The intent of this section aims to permit such an amendment upon a finding by the Board of County Commissioners that the applicant has demonstrated:

- (a) The proposed development shall not adversely impact the hydrology of the area or the productive capacity of adjacent farmlands not included in the amendment application in any other manner;
- (b) The proposed land conversion is a logical and timely extension of a more intense land use designation in a nearby area, considering existing and anticipated land use development patterns; consistency with the goals and objectives of the CGMP; and availability of supportive services, including improved roads, recreation amenities, adequate school capacity, satisfactory allocations of water and wastewater facilities, and other needed supportive facilities. Such findings shall be based on soil potential analysis and agricultural site assessment.

*Policy 4.13A.2. Viable economic use of agricultural land.* Martin County shall continue to protect agriculture as a viable economic use of land through its planning, capital improvements, cooperative extension and regulatory and intergovernmental coordination activities.

*Policy 4.13A.3. Agricultural Ranchette development.* The FLUM identifies lands allocated for Agricultural Ranchette development. These lands are primarily located west of the Sunshine State Parkway and in the western part of Martin County ~~surrounding Indiantown~~. The Agricultural Ranchette designation is intended to protect and preserve areas of Martin County generally located between the fringe of the agricultural heartland and the outer fringe of urban development. These areas are situated in locations removed from urban services, have developed at very sparse densities and maintain their original agricultural and rural character. The CGMP recognizes the primary value of these lands for small agricultural operations, recreational equestrian activities and small stables, rural residences and open space. It therefore assigns reasonable development options consistent with the existing and anticipated agricultural character in the area. A density of one single-family dwelling unit per five gross acres shall be permitted in areas designated for Agricultural Ranchettes.

Residential dwelling units on these lands should be related to the agricultural uses. Five-acre lots with this land use designation shall meet this requirement. This Plan recognizes the need to concentrate urban development near the urban core where facilities may be more economically provided, maintained and operated. These areas still require minimal levels of urban services, such as fire and emergency medical service, so Ranchette areas should be located adjacent to the Secondary Urban Service District.

The zoning regulations shall govern future development options in the areas designated for Agricultural Ranchette development and shall be consistent with the CGMP. Standards in the Land Development Regulations shall assure that

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future development is compatible with established uses sharing common lot lines to provide for smooth transitions in use and densities. All Agricultural Ranchette development shall have a maximum building height of 40 feet and maintain at least 50 percent of the gross land area as open space. Wetlands and landlocked water bodies may be used in calculating open space as long as at least 40 percent of the upland property consists of open space.

*Policy 4.13A.4. Criteria for amendment requests for Agricultural Ranchettes.* Standards governing Agricultural land conversion in Policy 4.13A.1.(2) shall also be used as criteria in evaluating future FLUM amendment requests in areas designated for Agricultural Ranchettes.

*Policy 4.13A.5. Secondary Urban Service District development.* The FLUM identifies lands allocated for Secondary Urban Service District development. This designation is intended to protect the value of rural suburban lands located outside the normal economical service radius of intensive (primary) urban services.

- (1) *Rural density (one unit per two acres)* Rural lands shall be developed at a density of no more than one dwelling unit per two gross acres. This density recognizes the need to concentrate urban development on lands closer to the urban core where intensive facilities and services can be provided cost-effectively. This policy also provides reasonable development options to landowners whose property is on the fringe of secondary urban development in sparsely developed rural or rural suburban areas.

All Rural development shall have a maximum building height of 40 feet and maintain at least 50 percent of the gross land area as open space. Wetlands and landlocked water bodies may be used in calculating open space as long as at least 40 percent of the upland property consists of open space. Golf courses should be encouraged to retain and preserve native vegetation over 30 percent of the total upland area of the course due to their characteristically high water and nutrient loads. Golf courses may be used in calculating open space as long as 30 percent of the residential area consists of open space. This section shall not apply to construction of a single-family home on a lot of record.

Zoning regulations shall provide standards for these areas designed to ensure that development is compatible with the need to preserve their rural character. These standards shall reflect the high value placed on open space, need to preserve wetland areas, function and value of recharge areas, and need to minimize changes in natural hydrology. Standards governing agricultural land conversion in Policy 4.13A.1.(2) shall also be used as criteria in evaluating future plan amendment requests in areas designated for Rural development.

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One accessory dwelling unit shall be allowed on Rural density lots of at least two acres as follows:

- (a) An accessory dwelling unit shall not have more than one-half the square footage of the primary dwelling.
  - (b) It shall not count as a separate unit for the purpose of density calculations.
  - (c) Neither the accessory dwelling unit nor the land it occupies shall be sold separate from the primary dwelling unit.
  - (d) Accessory dwelling units shall not be approved until Martin County adopts amendments to the Land Development Regulations that implement this policy.
- (2) *Residential Estate densities (one unit per acre)* . Residential Estate densities are primarily assigned to established, stable residential areas and transitional areas having a density up to one unit per gross acre. These areas are generally on the fringe of urban service districts and not accessible to a full complement of urban services. The CGMP also assigns Estate densities to (1) selected areas near existing estate development where the lands have characteristics similar to existing residential estates and (2) areas in the urban service district requiring density limitations because of unique problems of urban services.

The aim in reviewing specific densities shall be to preserve the stability and integrity of established residential development and to provide equitable treatment to lands sharing similar characteristics. Landscaping, screening, buffering and similar design techniques shall be used to assure a smooth transition between residential structure types and densities.

All Residential Estate density development (one unit per acre) shall have a maximum building height of 40 feet and maintain a minimum of 50 percent of the gross land area as open space. Wetlands and landlocked water bodies may be used in calculating open space as long as a minimum of 40 percent of the upland property consists of open space. Golf courses should be encouraged to retain and preserve native vegetation over 30 percent of the total upland area of the course due to their characteristically high water and nutrient loads. Golf courses may be used in calculating open space as long as 30 percent of the residential area consists of open space. This section shall not apply to construction of a single-family home on a lot of record.

Existing agricultural uses in this land use designation shall be allowed to continue in a nonconforming status. This designation differs from Residential Estate density (two units per acre) in that lot sizes are generally larger and the areas are more rural. This policy applies to lands in the Secondary Urban Service District because the density range of one dwelling unit per one to two

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acres supports the transitional nature of these lands and is intended to protect and preserve the rural, suburban lands in close proximity to the Primary Urban Service District.

One accessory dwelling unit shall be allowed on Estate density lots of at least one acre as follows:

- (a) An accessory dwelling unit shall not have more than one-half the square footage of the primary dwelling.
- (b) It shall not count as a separate unit for the purpose of density calculations.
- (c) Neither the accessory dwelling unit nor the land it occupies shall be sold separate from the primary dwelling unit.
- (d) Accessory dwelling units shall not be approved until Martin County adopts amendments to the Land Development Regulations that implement this policy.

*Policy 4.13A.6. Rural Heritage designation.* The Rural Heritage designation identifies lands that have historically been small farms but now lie in the Primary or Secondary Urban Service Districts. The FLUM recognizes the unique value of these lands for small agricultural operations and open space, and it acknowledges that their development pattern is distinct in the urban service district. Therefore, this designation is intended to protect these areas by assigning reasonable development options consistent with the agricultural character of the area. These lands are primarily west of U.S. 1 and east of the Turnpike and Interstate 95. The Rural Heritage designation aims to preserve the agricultural function and character of these areas and prevent encroachment of urban uses.

These areas, which have developed at very sparse densities, maintain their original agricultural and rural character. While the CGMP recognizes that higher densities are most appropriate inside the Primary Urban Service District, it also values preservation of existing neighborhoods. These areas are characterized as areas that have a developed pattern of large lots, ranging from 1 to 20 acres. They often retain pre-Comprehensive Plan zoning districts that were intended for small farm operations. Lastly, the road system serving such areas is not built to current County standards.

A density of one unit per two gross acres shall be permitted in areas designated Rural Heritage. Lots smaller than two gross acres that were lawfully established prior to creation of the Rural Heritage designation shall not be considered inconsistent with this lot size requirement. New lots created in these areas shall be not less than two gross acres. Residential development on these lands should be related to agricultural uses. Public and institutional uses permitted in residential areas - including community centers, educational institutions,

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protective and emergency services, libraries and places of worship shall be allowed in the Rural Heritage designation. Given the large lot sizes, these areas are not required to have regional water and sewer services but could be connected to service at the lot owner's expense if such service were warranted due to environmental concerns and if connections were consistent with other sections of the Plan.

The Land Development Regulations governing future development options in the areas designated Rural Heritage shall be consistent with the CGMP. All Rural Heritage development shall have a maximum building height of 40 feet and shall maintain a minimum of 50 percent of the gross land area as open space. Wetlands and landlocked water bodies may be used in calculating open space as long as a minimum of 40 percent of the upland property consists of open space. The zoning regulations of the Land Development Regulations shall provide standards for these areas designed to permit development compatible with the goal of preserving the area's rural character. Existing zoning consistent with this designation shall be considered appropriate to remain on parcels in the area. Standards of the Land Development Regulations shall assure that future development is compatible with established uses sharing common lot lines to provide for a smooth transition between uses and densities. These standards shall reflect the high value placed on open space, need to preserve wetland areas, function and value of recharge areas, and need to minimize changes in natural hydrology.

- (1) One accessory dwelling unit shall be allowed on Rural Heritage lots of at least two acres as follows:
  - (a) An accessory dwelling unit shall not have more than one-half the square footage of the primary dwelling.
  - (b) It shall not count as a separate unit for the purpose of density calculations.
  - (c) Neither the accessory dwelling unit nor the land it occupies shall be sold separate from the primary dwelling unit.
  - (d) Accessory dwelling units shall not be approved until Martin County adopts amendments to the Land Development Regulations that implement this policy.

*Policy 4.13A.7. Residential development.* The FLUM allocates urban residential density based on population trends; housing needs; and past trends in the character, magnitude and distribution of residential land consumption patterns. Consistent with the goals, objectives and policies of the CGMP, including the need to provide and maintain quality residential environments, it also preserves unique land and water resources and plans for fiscal conservancy.

- (1) General policies for all urban Residential development:

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- (a) All Residential development described in subsections (1) through (6) of this policy shall have a maximum building height of 40 feet.
  - (b) All Residential development shall maintain a minimum of 50 percent of the gross land area as open space, except as described under Goal 4.3. Wetlands and landlocked water bodies may be used in calculating open space as long as a minimum of 40 percent of the upland property consists of open space. This section shall not apply to construction of a single-family home on a lot of record.
  - (c) Proposed Residential developments with golf courses should be encouraged to retain and preserve native vegetation over 30 percent of the total upland area of the golf course, due to the characteristically high water and nutrient loads of golf courses. Golf course developments that retain over 30 percent of their golf course area in preserved native habitat may count this in calculating open space as long as 30 percent of the residential area consists of open space.
  - (d) One accessory dwelling unit shall be allowed on Residential lots consistent with Section 10.2.B and the following criteria:
    - 1) An accessory dwelling unit shall not have more than one-half the square footage of the primary dwelling.
    - 2) It shall not count as a separate unit for the purpose of density calculations.
    - 3) Neither the accessory dwelling unit nor the land it occupies shall be sold separate from the primary dwelling unit.
    - 4) Accessory dwelling units shall not be approved until Martin County adopts amendments to the Land Development Regulations that implement this policy.
  - (e) In mixed-use projects developed in accordance with Objective 4.3A, and in affordable housing consistent with Policy 6.1D.5., impervious areas may be credited toward the required open space if designated as community gathering spaces such as plazas, esplanades, covered gathering spaces, etc.
  - (f) The following Residential future land use designations may be a part of a mixed-use project, as allowed by policies under Goal 4.3 in any of the mixed-use overlays found in the seven CRAs designated in Policy 4.2B.4. Residential densities for a mixed-use project in a mixed use overlay shall be as provided in Goal 4.3.
- (2) *Residential Estate densities (two units per acre).* Residential Estate densities are primarily assigned to established, stable residential areas with a density up to two units per gross acre in the Primary Urban Service District. These areas are generally on the fringe of the PUSD and lack accessibility

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to a full complement of urban services. The CGMP also assigns estate densities to selected areas near existing estate development that share similar characteristics with existing residential estates and to areas in the urban service districts that require density limitations because of unique problems of urban services. In reviewing specific densities, the aim shall be to preserve the stability and integrity of established residential development and provide equitable treatment to lands sharing similar characteristics. Landscaping, screening, buffering and similar design techniques shall be used to assure a smooth transition between residential structure types and densities. Existing agricultural uses in this land use designation shall be allowed to continue in a nonconforming status.

- (3) *Low Density Residential development.* The Low Density Residential designation is reserved for land in the Primary Urban Service District. Densities shall not exceed five units per gross acre. In reviewing specific densities, the aim shall be to preserve the stability and integrity of established residential development and provide equitable treatment to lands sharing similar characteristics. Landscaping, screening, buffering and similar design techniques shall be used to assure a smooth transition between residential structure types and densities.
- (4) *Medium Density Residential development.* The Medium Density Residential designation is reserved for land in the core of the Primary Urban Service District and accessible to employment centers. The maximum density is eight units per gross acre. However, sites may be approved for a maximum of 10 units per gross acre (a density bonus), after demonstrating compliance with all of the following criteria:
  - (a) The development commits to providing affordable housing to eligible households as defined by Chapter 2 Overall Goals and Definitions;
  - (b) The site is or can be serviced by a full complement of urban services including water and wastewater service from a regional public utility;
  - (c) The applicant provides a significant open space buffer, natural landscape (including a landscaped berm where appropriate), plant material and/or an aesthetic wall or fence to effectively shield the Residential use from any existing or potential adjacent nonresidential use or from any single-family use.

In reviewing specific densities, the aim shall be to preserve the stability of established residential areas. Landscaping, screening, buffering and similar design techniques shall be used to assure a smooth transition between residential structure types and densities.

- (5) *High Density Residential development.* The High Density Residential development designation is reserved for land near employment centers in the core of the Primary Urban Service District. The maximum density is 10 units



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per gross acre. However, sites shall be approved for a maximum of 15 units per gross acre, assuming compliance with all of the following criteria:

- (a) The development commits to providing affordable housing to eligible households as defined by Chapter 2 Overall Goals and Definitions;
- (b) The site shares a common zoning district boundary with a Commercial or Industrial district or a Medium Density or High Density Residential area as reflected on the Zoning Atlas or FLUM;
- (c) The site is or can be served by a full complement of urban services including water and wastewater service from a regional public utility;
- (d) The applicant provides a significant open space buffer, natural landscape (including a landscaped berm where appropriate), plant material and/or an aesthetic wall or fence to effectively shield the residential use from any existing or potential adjacent nonresidential use or from any single-family use.

In reviewing specific densities, the aim shall be to preserve the stability and integrity of established residential development, maintain compatibility with it and provide equitable treatment of lands with similar characteristics. Landscaping, screening, buffering and similar design techniques shall be used to assure a smooth transition between residential structure types and densities.

- (6) *Mobile Home density development and mobile homes generally.* Residential densities in Mobile Home density areas shall be limited to a maximum of eight units per gross acre. However, specific site densities must be consistent with the policy, map and standards of the CGMP and zoning code. The more restrictive density provision shall rule where any inconsistency may exist. In reviewing specific densities, the aim shall be to preserve established residential development. All mobile home parks and subdivisions for which site plan approval has not been granted shall be encouraged to develop under the PUD provisions.

Mobile home dwelling units may be permitted in any single-family residential and agricultural future land use designation. Mobile home units that were lawfully established prior to February 20, 1990, but that lie outside of Mobile Home density areas shall not be considered nonconforming uses and may be replaced with another mobile home. While the primary purpose of the Mobile Home density area is to accommodate mobile home development, the Land Development Regulations may allow a site-built dwelling on a mobile home site provided the owner has established, in the manner prescribed by law, a Homestead Exemption under Article VII, Section (6)(a), of the Florida Constitution. The Land Development Regulations shall also include performance standards, such as maximum height, maximum floor area and maximum lot coverage, to ensure that site-built dwellings

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constructed in areas originally developed as mobile home subdivisions are compatible with any remaining mobile homes. Site-built dwellings constructed in Mobile Home density areas shall be limited to one story, except for those buildings that received building permits for taller buildings prior to May 22, 2007.

All development in the Mobile Home future land use designation shall preserve a minimum of 50 percent of the gross land area as open space. Wetlands and landlocked water bodies may be used in calculating open space as long as a minimum of 40 percent of the upland property consists of open space.

*Policy 4.13A.8. Commercial development.* The Future Land Use Map identifies the allocation of commercial land for offices and services, limited commercial, general commercial and marine waterfront commercial activities. The allocation is compatible with the goals and objectives in the CGMP and consistent with supportive research and analysis.

(1) *Commercial Office/Residential development (COR).* Martin County shall establish policies and criteria to guide mixed-use development. Commercial Office/Residential development shall be allocated to accessible sites adjacent to major thoroughfares. It shall also serve as a transitional use separating more intensive commercial uses from residential development. Office and residential development may be allocated along the outer fringe of core commercial areas where such development may encourage reinvestment in declining residential areas adjacent to commercial core areas. The COR future land use designation shall also be allocated to areas appropriately suited for Traditional Neighborhood Development, described under Goal 4.3. The development provisions for the standard COR zoning districts and the PUD zoning district are expressed below:

(a) Development in the Commercial Office/Residential future land use designation shall be restricted to professional and business offices, limited service establishments, financial institutions, live-work units, residential development or any combination of these uses. Freestanding retail sales and service establishments shall be excluded from these areas. However, restaurants, certain service commercial uses, and limited commercial uses, as identified in the Land Development Regulations, may occupy 25 percent of the commercial square footage in a building.

Residential storage facilities may be approved in areas designated COR, and the Land Development Regulations shall include criteria for review of such uses. However, the building shall be restricted to structures with small modules adaptive exclusively to storage of personal items of residential clients. Commercial tenants shall be expressly prohibited. The

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facility shall be designed to blend harmoniously with residential structures.

The intensity of lot use, defined as floor area ratio (FAR), shall be governed by the parking standards of the Land Development Regulations. The maximum building coverage shall be 40 percent, and the minimum net lot size permitted in COR districts shall be 10,000 square feet. The minimum open space shall be 40 percent and the maximum building height shall be 30 feet. Multiple-family residential uses are encouraged to develop in areas designated for office development at densities compatible with criteria cited in Policy 4.13A.7.(5) for High Density Residential development. The Land Development Regulations shall require appropriate landscaping and screening, including a vegetative berm system where feasible. Plant material and a decorative fence or wall shall be used to assure compatibility between established residential uses and proposed office developments.

A bed and breakfast or other facilities for transient lodging, catering to seasonal residents, shall be permitted. Kitchen facilities shall be permitted to accommodate occupants visiting for periods exceeding the general motel trip duration of one to four nights. Approved transient lodging facilities existing as of the effective date of the CGMP shall be considered permitted in such an area.

Landscaping, screening, buffering and similar design techniques shall be used to assure a smooth transition between residential structure types and densities.

Residential use shall be allowed in the COR future land use designation as part of a mixed-use project as allowed under Goal 4.3 in any of the seven CRAs designated in Policy 4.2B.4. Residential densities shall be as provided in Policy 4.3A.3.

- (2) *Limited Commercial development.* Limited Commercial development is allocated to commercial sites accessible to major thoroughfares near residential neighborhoods. The scale and intensity of commercial uses in Limited Commercial areas shall be compatible with adjacent residential neighborhoods. Sites in this designation are intended for shops with limited inventory of goods as well as transient lodging facilities consistent with the CGMP and the Land Development Regulations. This designation is not generally intended to accommodate residential development. Duly approved residential uses existing at the effective date of the CGMP shall be considered permitted uses.

Areas designated for Limited Commercial development are not intended to accommodate large-scale retail sales, service or trade activities that generally serve a larger market area. Such stores would usually require a

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larger floor area, carry a relatively larger inventory and require a substantially greater parking area.

Land Development Regulations implementing the Limited Commercial future land use designation shall be consistent with these development standards. Minimum net lot sizes shall be 10,000 square feet. FAR shall be governed by the parking standards of the Land Development Regulations. Maximum densities for hotel/motel units shall be 20 units per gross acre. Maximum building coverage shall be 50 percent. Minimum open space shall be 30 percent. Maximum building height shall be 30 feet.

Residential use shall be allowed in the Limited Commercial future land use designation as part of a mixed-use project in any of the seven CRAs designated in Policy 4.2B.4. Residential densities shall be as provided for in Policy 4.3A.3.

- (3) *General Commercial development.* The General Commercial areas are designated on the Future Land Use Map to accommodate general retail sales and services; highway-oriented sales and services; commercial amusement; and trade and warehousing facilities. These areas are principally located in highly accessible parts of the urban service district that are compatible with the unique location and market requirements of these uses. The sites are located on major or minor arterials and require a minimum net lot size of 10,000 square feet. The FAR shall be governed by the parking standards of the Land Development Regulations. Maximum densities for hotel/motel units located in a General Commercial future land use designation shall be 20 units per gross acre. Maximum building coverage shall be 60 percent. Minimum open space shall be 20 percent. Maximum building height shall be 40 feet.

The Land Development Regulations implementing the General Commercial future land use designation shall be consistent with the development standards described above. This area is not intended to accommodate businesses, trades or services that generate significant nuisance impacts, including glare, smoke or other air pollutants; noise; vibration; major fire hazards; need for extensive outside storage and display; or other impacts associated with more intensive industrial uses. Automotive sales and services shall be located in the General Commercial land use classification on sites appropriately designated for highway-oriented commercial uses in the Land Development Regulations.

The areas designated for General Commercial development are specifically not adapted to permanent residential housing, and such uses shall be located in other areas designated for residential development. On the other hand, transient residential facilities including hotels and motels, timesharing or fractional fee residential complexes, or other transient quarters should be located in areas designated for commercial use. Areas planned for mixed-

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use developments as allowed under Goal 4.3 are considered compatible for mixed use.

The General Commercial site should generally be removed from single-family residential development and able to be buffered and screened consistent with the Land Development Regulations requiring appropriate landscaping and screening. Screening shall include vegetative berms (where feasible), plant material and/or aesthetic decorative fences or walls to assure compatibility with less intensive uses existing or anticipated on adjacent sites.

Residential use shall be allowed in the General Commercial future land use designation as part of a mixed-use project as allowed under Goal 4.3 in any of the seven CRAs designated in Policy 4.2B.4. Residential densities shall be provided for under Goal 4.3.

Prior to approval of a development plan, all applicants for development in the area designated General Commercial shall provide assurances that regional water distribution and wastewater collection utilities shall be provided by a regional public utility system.

- (4) *Marine Waterfront Commercial.* The Future Land Use Map designates Marine Waterfront Commercial areas to accommodate marine resort, marina and water-related services along highly accessible waterfront sites with the potential to satisfy the unique location, market and resource needs of water-dependent more intense marine service/industrial uses. Waterfront Commercial uses are generally either water-dependent or water-related. Specific zoning regulations shall regulate the nature of marine waterfront commercial operations. They shall also assist in maintaining the stability of adjacent and nearby residential areas through use restrictions, landscaping and screening, and nuisance abatement standards. The regulations shall also guard against environmentally adverse impacts to biologically active and environmentally sensitive habitats in a manner consistent with the Coastal Management and Conservation and Open Space Elements.

The Land Development Regulations shall provide several marine waterfront commercial zoning districts to accommodate relevant activities, including transient residential facilities, other facilities oriented to marine resorts such as restaurants and shops, and more intense marine service uses that have specific siting criteria to assure compatibility with human and natural resources identified in section 8.4.A5.

Marine Waterfront Commercial sites shall have a minimum net lot size of 10,000 square feet, with a residential density not exceeding 10 units per gross acre and a hotel/motel density not exceeding 20 units per gross acre. The FAR shall be governed by the parking standards of the Land Development Regulations. Maximum building coverage shall be 50 percent. Minimum open space shall be 30 percent. Maximum building height shall be

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30 feet for parcels zoned for resort (water-related) uses and 40 feet for parcels zoned for general (water-dependent) uses.

Residential use shall be allowed in the Waterfront Commercial future land use designation as part of a mixed-use project as allowed under Goal 4.3 in any of the seven CRAs designated in Policy 4.2B.4. if the mixed-use project is in a Mixed Use Overlay. Residential densities shall be as provided for in Policy 4.3A.2. A mixed-use project in an MUO located on a parcel designated Waterfront Commercial on the Future Land Use Map may satisfy its required nonresidential component with nonresidential waterfront commercial uses.

Marine Service Areas. Although Marine Waterfront Commercial areas allow for a variety of uses, Marine Service Areas shall not be developed or converted to permanent residential uses other than accessory dwelling units (e.g., watchman's quarters).

- (a) At a minimum, the following shall be considered Marine Service Areas:
  - 1) Parcels zoned Waterfront General Commercial, including those zoned after the effective date of the Marine Service Area provision; and
  - 2) Parcels or portions of parcels used as marinas or marine repair facilities, including all related boat storage and repair areas, but not including vacant areas or portions of the parcel devoted to uses other than marinas or marine repair.
- (b) This restriction on permanent residential use in Marine Service Areas took effect on March 20, 2006. However, Land Development Regulations shall also be adopted to allow landowners to petition for amendments to the Marine Service Area map under certain circumstances. At a minimum, the petition process shall provide for amendments to the map where the landowner can demonstrate that:
- (c) Land equally or more suitable for use as a Marine Service Area can be redesignated as such, so as to ensure no net loss of the total Marine Service Area. The Land Development Regulations may provide limits as to acceptable locations for such new Marine Service Areas; or
- (d) The existing marine service uses on the site proposed for conversion to permanent residential uses can be replaced by developing similar marine service uses on the same parcel or on a different parcel not already designated as a Marine Service Area (including combinations of on-site and off-site improvements). The Land Development Regulations may provide limits as to acceptable locations for such new marine service uses; or
- (e) A particular parcel of land in a Marine Service Area cannot reasonably be developed or redeveloped for marine service uses due to changes in

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the surrounding area or government regulations related to marine service uses.

Where new Commercial Waterfront lands are created via amendments to the Future Land Use Map, the Board of County Commissioners shall also determine whether such lands shall be designated as Marine Service Area. Lands that are changed from Commercial Waterfront to another future land use designation shall automatically be removed from the Marine Service Area with no additional action required.

- (5) *Rural Services Node*. The establishment of the Rural Services Node shall allow the clustering of small-scale service establishments in accordance with Policy 4.7A.5. A Rural Services Node shall be designed to reduce the distances County residents must travel for goods and services on the County's roadways, improve the quality of life for rural citizens and reduce green house emissions by reducing vehicle trips.
  - (a) A Rural Services Node shall be located at the NW corner of the intersection of County Road 714 (SW Martin Highway) and County Road 609 (SW Allapattah Road) on property not to exceed five acres in area.
  - (b) The Rural Services Node shall be limited to low intensity, small-scale service establishments. Uses within the Rural Services Node shall be limited to a general store offering groceries and other sundries, and other stores offering products and services such as hardware, feed store, non-drivethrough restaurant not to exceed 3,000 square feet, gas station, veterinarian services, farmers market, bed and breakfast not to exceed six guest rooms, and post office, and similar uses appropriate to serve the daily needs of the rural population within a 7.5 miles radius service area. The maximum size of any building within the Rural Services Node shall not exceed 15,000 square feet. The maximum cumulative size of all buildings within the Rural Services Node shall not exceed 45,000 square feet. Water and wastewater services for the Rural Services Node shall be limited to individual well and septic systems with a 10,000 gallons per day limit.
  - (c) The Rural Service Node shall be a phased development restricted to a maximum of 20,000 square feet over a period of five years to 2015. Thereafter, phases shall be added to a maximum of 45,000 square feet based on established market demands.
  - (d) The development of the Rural Services Node shall not require an amendment to the Future Land Use Map but shall be processed and approved as a Planned Unit Development zoning district. The Rural Services Node development must maintain a minimum 30 percent open space for the site. The maximum height for any structure within the development shall not exceed two stories and 30 feet. The development site plan and building design shall reflect and be consistent with the rural

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character of the area where the development is located and shall provide a lower intensity transition area or a buffer between the uses on the property and the uses on adjacent properties. The Rural Services Node development site shall have a minimum lot frontage on both County Road 714 (SW Martin Highway) and County Road 609 (SW Allapattah Road) of 200 feet measured from the intersection of County Road 714 (SW Martin Highway) and County Road 609 (SW Allapattah Road).

*Policy 4.13A.9. AgTEC policies.* The AgTEC land use category, is intended to allow the continuation of permitted economically viable agriculture, support the development of targeted businesses, tax base and employment opportunities, and facilitate environmental enhancement through the protection of common open space or restoration of natural systems while protecting and enhancing the Martin Grade Scenic Corridor. The AgTEC land use category shall apply solely to the 1,717 acre parcel located west of Interstate 95 and north of S.W. Martin Highway and further described in Exhibit "A" attached to Ordinance #881.

While a primary emphasis for this land use category is to provide an opportunity for targeted industries and institutions, this land use category shall also set the standard for green development in the region through sustainable, environmentally-friendly, and energy efficiency in planning and design, and the accommodation of an evolving agricultural industry.

(1) Uses permitted within the AgTEC land use category are limited to the following primary and ancillary uses:

(a) Primary "Targeted Employment" Uses (requires PUD approval):

Research and Biotech development laboratories and facilities  
Administrative services, not for profit  
Business and professional offices  
Educational institution  
Electronic equipment manufacturing and testing  
Limited impact industries (including distribution centers)  
Medical and dental labs  
Medical equipment manufacturing  
Optical equipment manufacturing  
Pharmaceutical products manufacturing  
Precision instrument manufacturing  
Public park and recreation, active  
Utilities

(b) Ancillary Uses:

Commercial day care  
Convenience restaurants  
Copy services and duplicating services  
Financial institutions



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General  
Hotels  
Mail services  
Physical  
Post offices

and  
and  
fitness

parcel  
exchange  
centers

restaurants  
motels

- (c) Any Agricultural Use that is permitted in the Agricultural Future Land Use Designation (approved in accordance with current County requirements).

The total non-agricultural development within the (AgTEC) land use category shall be limited to 5 million square feet of Targeted Employment Uses, 1 million square feet of office/regional headquarters/Institutions floor area, 200,000 square feet of ancillary retail development and 500 hotel units. Only retail uses that are intended to service the permitted uses in the nearby agricultural land use designation or the Targeted Employment /commerce activities and are ancillary to the principal uses shall be allowed. Further, to promote distribution of the retail uses throughout the site, no more than 20 percent of the square footage contained in any non-agricultural Final Site Plan Approval shall be allocated to ancillary retail. Similarly, in order to ensure a mix of uses and provide for internal capture, a minimum of 25,000 square feet of ancillary uses shall be required for each 1,000,000 square feet of primary uses.

Bona fide agricultural uses and their support structures, or agriculturally related uses (such as the growing of feedstock for renewable fuels), shall not be counted against the total development allocations for non-agricultural development. Total acreages for non-agricultural and agricultural development are shown below.

Use	Minimum Area (Acres)	Maximum Area (Acres)
Non-agricultural development/ Targeted Employment Uses	0	900
Common Open Space/ Agriculture	817	1,717

- (2) Non-agricultural development on the property will be limited within the first 5 years (following the effective date) to a development program not to exceed

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1,000,000 square feet of industrial land uses (or the trip generation equivalent of alternative land uses) unless the applicant is able to demonstrate that transportation concurrency requirements have been satisfied for additional development, or additional development is otherwise permitted by applicable laws and ordinances at time of development approval, and the requirements of Policy 4.13A.9(3)(e) are satisfied.

- (3) The AgTEC land use category is for the expressed purpose of providing land for targeted employment uses and the ancillary uses that these businesses need to thrive, or for supporting agricultural activities and uses permitted in agricultural land use categories. Therefore, all development proposals or activities shall be aimed at providing locations for Targeted Sectors as defined by the State of Florida, or for facilitating the growth and expansion of agriculture, or bona fide agriculturally related uses such as the growing of materials for renewable/bio fuels.

Development within the AgTEC shall meet the following requirements:

- (a) Permitted zoning categories within the AgTEC shall include A-2, AG-20A and non-residential Planned Unit Development. All development proposals that convert from agriculture to a non-agriculture employment use must be approved through the Planned Unit Development (PUD) process. Any Agricultural related activity that currently requires a non-residential site plan approval would still be required to obtain the same local permits for development.
- (b) AgTEC uses shall be located no closer than 300 feet from any existing residential use.
- (c) All development shall be limited to a maximum height of 40 feet, and as set forth in Policy 4.1F.8 a maximum height limit of four stories, excluding non-habitable structures as described in Section 3.14 of the Martin County Land Development Regulations.
- (d) Prior to any non-agricultural master site plan approval within the AgTEC land use category, a water and wastewater service agreement with the City of Port St. Lucie shall be established. No non-agricultural development shall be approved unless it will be served by regional water and wastewater facilities provided by the City of Port St. Lucie by facilities located within the City.
- (e) Non-agricultural development on the property shall be subject to Development of Regional Impact thresholds and be limited to 1,000,000 square feet of industrial land uses (or the trip generation equivalent of alternative land uses) until the applicant has achieved the following:
  - i. An Application for Development Approval (ADA) for a Development of Regional Impact (DRI) with the Treasure Coast Regional Planning Council, if required, a Sector Plan or other regional transportation

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planning effort. The purpose of the additional review is to identify mitigation measures and compensatory obligations necessary to address the development proposed within the application, and the transportation impacts on roadway, intersections, and interchange facilities in Martin County, St. Lucie County, and the City of Port St. Lucie.

- ii. The applicant will provide the right-of-way for a typical multi-lane arterial roadway and shall commit to fund construction (including an additional 30 feet to accommodate the option for multi-modal forms of transportation and the bridge over the canal) for a north-south roadway, connecting Martin Highway to Becker Road, providing the opportunity for a regional parallel reliever road to I-95, consistent with the AgTEC Long Range Transportation Map. No development beyond the first 1,000,000 square feet of non-agricultural development shall be approved until the road and bridge have been constructed of sufficient length and lane geometry connecting the project to Becker Road. The timing of all phases of construction of road shall be determined by the Development of Regional Impact or other applicable transportation analyses. The right-of-way and construction costs of the north-south road may be impact fee creditable and/or creditable against any proportionate share established as part of an Application for Development Approval, pursuant to state and county regulations.
  - iii. An agreement with the City of Port St. Lucie has been entered into for the construction of the roadway connection to Becker Road, and funded by the applicant consistent with the schedule and geometric needs identified by the Development of Regional Impact or other applicable transportation analyses as agreed by the City of Port St. Lucie. Martin County shall amend Exhibits 5.5 A, B, and C of the Transportation Element to reflect the inclusion of this road through the next scheduled update. Furthermore, Martin County shall request its Metropolitan Planning Organization to update the Regional Long Range Transportation Plan to reflect Martin County's inclusion of the road through its next scheduled update.
- (4) Provide a minimum of 30 percent common open space for the entire property (gross acreage) and an additional 10 percent open space within each specific development parcel, for a total of 40 percent of the gross acreage ultimately being placed in open space or agricultural uses. The 30 percent Open Space shall be shown on the required Conceptual Master Plan. Final Site Plan approval for each specific site development area must demonstrate the provision of the additional 10 percent of open space. Further, a minimum of 75 percent of the common open space shall be provided in the western half of the AgTEC land use category to facilitate compact development oriented to the eastern portion of the site, and to

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provide a "transect" that reduces in intensity as you move away from Interstate 95. The common open space and required development tract open space shall be proportionately established with each development phase. Open space shall be defined in accordance with the Comprehensive Growth Management Plan.

- (5) The AgTEC future land use category is hereby established as a Freestanding Urban Service District. The provision of urban services shall be in accordance with Policies 4.7A.13. and 4.13A.9. except as otherwise provided in Policy 4.13A.9.
- (6) Agricultural activity, consistent with the Agricultural land use designation, may be pursued in compliance with the Comprehensive Growth Management Plan and the Land Development Regulations, and shall comply with the open space provisions for the Agricultural future land use. Any non-agricultural, primary or ancillary use must be approved through a PUD, and shall comply with the performance standards in Section 4.5 of the Comprehensive Growth Management Plan, except as otherwise specified in this policy.
- (7) Any PUD zoning within the AgTEC shall, at a minimum, incorporate the following sustainability and environmental design principles:
  - (a) Maintain water quality in excess of the Martin County and SFWMD standards through the incorporation of low impact development techniques, Best Management Practices, and sustainable stormwater management practices. The applicant shall investigate financially feasible partnership opportunities with organizations including, but not limited to Martin County, the SFWMD, Martin Soil and Water Conservation District, IFAS and USDA on possible environmental service opportunities that could serve as demonstration projects to illustrate techniques in water quality enhancement, more environmentally beneficial surface water management activities, or restoration of localized hydrology or habitat.
  - (b) Minimize greenhouse gas emissions and vehicle miles traveled (VMT) by locating employment intensive uses, such as regional headquarter offices or labor intensive industrial uses in such a manner as to locate them close to mass transit/alternative transit modes, or in close proximity to existing and planned residential areas; and provide a mix of uses to promote internal capture of trips during the work day in accordance with Chapter 163.3177 (6) (a). Provide transportation demand management strategies to support a reduction in VMT. Prior to approval of any Planned Development Application, a Transportation Demand Measures (TDM) implementation plan will be developed for each phase of the project. The following TDM elements shall incorporate any combination of the following as part of this implementation plan:

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- Land Use/Site Planning Measure - The Master Development Plan reflecting the proposed mix of uses shall demonstrate support for the use of non-motorized modes of travel (bicycle and pedestrian pathways) as well as a "park-once" philosophy.
  - Land Use/Site Planning Measure - Concurrent with obtaining each certificate of occupancy for a non-residential building located on a parcel 50 acres or greater, implement parking strategies that provide preferred parking for alternative (i.e. hybrid or electric) vehicles and car pool vehicles.
  - Land Use/Site Planning Measure - Provide right-of-way for implementation of future transit stops along the proposed Village Parkway.
  - Land Use/Site Planning Measure - Upon the completion of 1,000,000 square feet of non-agricultural development, provide a dedicated car/van pool parking facility to be located near one of the interchanges to further reduce VMT for both project and non-project use.
  - Transit Measure - Coordinate with Treasure Coast Connector to provide a bus route(s) to/from the site upon the certificate of occupancy of 3 million square feet of non-agricultural development.
  - Transit Measure - Establish a development order condition or deed restriction for companies within the AgTEC land use category to provide a financial incentive in the form of a subsidy of at least 50 percent of the annual ticket cost to at least 5 percent of the persons employed at the project site for riding future transit service.
  - Transit Measure - Provide onsite bus stop facilities within one year of provision of a bus service.
  - Transportation Demand Management (TDM) Measure - Provide an on-going ride-sharing information service to persons employed at the project site.
- (c) Incorporate design and development standards from programs such as the Leadership in Energy and Environmental Design (LEED), Florida Green Building Council or other programs for energy efficiency and environmental sustainability.
- (d) Utilize native vegetation and xeriscape techniques, including limiting irrigated turf to a maximum of 15 percent of lot area to decrease the overall consumption of irrigation water.
- (e) Incorporate compact development designs which provide large areas of common open space and provide opportunities for natural lands restoration.

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- (f) Establish a continuous 100 foot wide conservation area, beginning at the southwestern corner of the property, and running northward 13,200 feet (along the western property line). This area shall be documented in phases that correspond with development approvals, through the adoption of a conservation designation on a PUD, or the establishment of deed restrictions or conservation easements. If a conservation easement is established, it shall benefit Martin County, the South Florida Water Management District, or any other appropriate entity. Within this conservation area, the following uses are permitted: access for management of publicly owned land, separation from preserve uses, agriculture, passive recreation, water quality and water management areas (in accordance with applicable permits), environmental service activities, and other similar uses.
- (g) Where appropriate, provide an open space management and enhancement plan as part of each PUD submittal to demonstrate interconnectivity of common open space areas.
- (h) Final Site Plan Approval for any development within the AgTEC land use category shall demonstrate that any external service areas or illumination are adequately screened for adjacent residential uses, or that illumination is shielded and oriented away from adjacent residential or preserve areas.
- (i) In conjunction with the approval of any PUD within the AgTEC land use category, the developer/owner shall provide a plan for supporting the protection and enhancement of the Martin Grade Scenic Corridor that includes at a minimum providing financial support and helping address traffic impacts on the corridor by exploring alternative roadway locations, traffic patterns, traffic timing, and roadway designs for the purpose of protecting and enhancing the scenic character of the corridor.
- (j) In furtherance of the intent of this land use category, the land owner or its designee shall obtain a Planned Unit Development approval from the Martin County Board of County Commissioners for an initial phase of development, consistent with the design and development criteria contained in this Policy, within 5 years of the effective date of this amendment.
- (k) In order to protect the allocation of the industrial land base, Martin County may initiate an amendment to remove the AgTEC land use category if the owner, or its designee, has not achieved a Planned Unit Development approval for an initial phase of development within 5 years of the effective date of the amendment, and a final site plan approval for an initial phase of development within 10 years of the effective date of this amendment.

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- (8) Any PUD zoning within the AgTEC shall, at a minimum, incorporate the following design principles:
- (a) In order to support the "Martin Grade Scenic Corridor", any development within the AgTEC land use designation shall provide a minimum 100 foot building setback from the Martin Highway right-of-way, which shall include a minimum 50 foot buffer preserve area adjacent to the right-of-way.
  - (b) A minimum of 90 percent of the native vegetation within the 100 foot building setback shall be preserved.
  - (c) Prior to approval of any development plan for buildings abutting Martin Highway, the land owner shall submit a landscape plan that augments the preserved native vegetation with additional native ground cover, understory and canopy trees, with the goal of providing a Type "5" buffer, and/or meeting 50 percent opacity at eye level within 5 years.
  - (d) Prior to approval of the first Final Site Plan for a phase within the AgTEC land use category, the land owner/developer shall submit a uniform signage plan that ensures a common design theme, clear requirements for signage location, size and materials, and a limit on the overall amount of signage permitted along the Martin Highway frontage.
  - (e) In order to reinforce the rural character of properties located to the west of the AgTEC site, and to support the "Scenic Highway" designation of portions of Martin Highway, only agricultural uses that are consistent with the Agricultural land use category and AG-20A zoning shall be permitted on the western 40 percent of the frontage of Martin Highway to a depth of 1,000, subject to the necessary site development plan approval.
  - (f) In cooperation with Martin County, the State of Florida and the South Florida Water Management District, the land owner/developer shall investigate the opportunity to incorporate additional water storage capacity within the proposed water management system of the AgTEC area for any future widening of Martin Highway. As part of any such widening project that includes the Martin Grade Scenic Corridor, the land owner/developer will assist the county in exploring alternative traffic patterns, traffic timing, and roadway cross sections for the purpose of protecting and enhancing the scenic character of the corridor.
  - (g) To assist Martin County with hurricane evacuation needs, the property owner shall coordinate with Martin County to identify opportunities for Martin County to fund upgrades to proposed public or private facilities such that they may serve the public as hurricane shelters, community relief centers or emergency operations centers during declared hurricane events.

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*Policy 4.13A.10. Industrial development.* The FLUM allocates land resources for existing and anticipated future industrial development needs. The allocation process gives high priority to industry's need for lands accessible to rail facilities, major arterials or interchanges, labor markets and the services of the Primary Urban Service District (Figure 4-2). Industrial development includes both Limited Impact and Extensive Impact Industries. Limited Impact Industries include research and development, light assembly and manufacturing. Extensive Impact Industries include heavy assembly plants, manufacturing/processing plants, fabricators of metal products, steam/electricity co-generation plants and uses customarily associated with airports.

**Editor's note**— Figure 4-2 is on file in the office of the Martin County Growth Management Department.

Private development of airport property shall be subject to an Airport Zoning District or Planned Unit Development (Airport) Zoning District, when such a district is adopted to implement this policy.

The locational criteria require that all development in areas designated Industrial shall provide assurances that regional water distribution and wastewater collection utilities shall be provided by a regional public utility system, as described in the Sanitary Sewer Services Element and the Potable Water Services Element. Areas of the County where freestanding urban services (i.e., regional utility system) can be provided by a group of industrial users may be considered as independent or freestanding urban service districts. They may be illustrated as such on Figure 4-2 in conjunction with formal amendments to the FLUM as provided in section 1.11, Amendment Procedures. All such freestanding urban service districts must comply with the adopted LOS standards in this Plan and the Capital Improvements Element.

The Seven Js Industrial Area (which covers the same area as the plat of Seven Js Subdivision, recorded in Plat Book 15, Page 97 of the Public Records of Martin County, Florida) is hereby established as a Freestanding Urban Service District. Any package wastewater treatment plants constructed in it shall be fully funded and maintained by the landowner.

The AgTEC future land use category is hereby established as a Freestanding Urban Service District.

Industrially designated areas are not generally adaptive to residential use, and they shall not be located in areas designated for residential development unless planned for a mixed-use development allowed under Goal 4.3 or in a large-scale PUD.



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This provision shall not prohibit residences for night watchmen or custodians whose presence on industrial sites is necessary for security purposes. Such a use may be permitted through the Land Development Regulations.

Based on the extensive impacts that industrial development frequently generates, industrial development shall be encouraged to develop under provisions of a PUD zoning district to give the applicant maximum design flexibility and to avoid major unanticipated adverse impacts.

The Land Development Regulations shall be amended to include performance standards for regulating the nuisance impacts sometimes associated with intense commercial and industrial development. Sites acceptable for development by limited impact industries shall contain a minimum of 15,000 square feet, maximum building coverage of 40 percent and maximum building height of 30 feet. Sites better suited for development by extensive impact industries shall have a minimum lot size of 30,000 square feet, maximum building coverage of 50 percent and maximum building height of 40 feet. Minimum open space for either use shall be 20 percent. The FAR shall be governed by the parking standards of the Land Development Regulations. Salvage yards shall be considered an industrial use due to the potential intensity and nature of the use, acreage requirements, aesthetic impact and associated heavy truck traffic.

Residential use shall be permitted in the Industrial future land use designation as part of a mixed-use project, in a Mixed Use Overlay, as allowed under Goal 4.3 in any of the seven CRAs designated in Policy 4.2B.4. Residential densities shall be as provided for in Policy 4.3A.2.

*Policy 4.13A.11. Institutional development.* The FLUM contains three separate land use categories for institutional development. Recreational, Public Conservation and General Institutional categories allow for varying degrees of use and development. Institutional land shall be owned by public agencies or nonprofit service providers, except for investor-owner public water and sewer systems, private cemeteries and private hospitals existing as of October 26, 1993. In addition, privately owned land subject to perpetual easements as provided under Objective 4.5F may be designated Institutional Public Conservation.

- (1) *Recreational.* Recreational lands are designed for activity-based and resource-based recreational uses and typically contain recreational facilities and substantial access improvements. Lands assigned to the Recreational category may be developed only as public recreation areas or used for temporary storage of dredged spoil material resulting from the construction, reconstruction or maintenance of recreation facilities. Examples include Langford Park in Jensen Beach, Pendarvis Cove Park in Palm City and J.V. Reed Park in Hobe Sound. Lands acquired by the County for Recreational uses shall be reclassified to the Institutional-Recreation land use designation

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during the next plan amendment cycle. The minimum open space shall be 40 percent, maximum building coverage shall be 45 percent and maximum building height shall be 40 feet.

- (2) *Public Conservation.* The Public Conservation category recognizes publicly owned areas designed for conservation uses. In addition, privately owned land subject to perpetual easements as provided under Objective 4.5F may be designated Institutional Public Conservation. Only development compatible with conservation and passive recreation uses shall be permitted in the Public Conservation category. This may include access, parking and other facilities that enable the management of the resource and the public's enjoyment of it. Conservation areas include the DuPuis Preserve in south Martin County and the Savannas in north Martin County. Environmentally sensitive lands acquired by the County shall be reclassified to the Institutional-Conservation land use designation during the next plan amendment cycle.
- (3) *General Institutional.* The General Institutional category accommodates public and not-for-profit facilities such as schools, government buildings, civic centers, prisons, major stormwater facilities, fire and emergency operation centers, public cemeteries, hospitals, publicly owned water and sewer systems, dredge spoil management sites and airports. Investor-owned regional public water and sewer systems and private cemeteries may be allowed in General Institutional. Lands acquired by the County for General Institutional uses shall be reclassified to the Institutional-General land use designation during the next plan amendment cycle, as will lands or property rights acquired by the Florida Inland Navigation District as future dredge spoil management sites.

Although Institutional use is reserved for the uses cited above, this shall not prohibit for-profit medical offices and other ancillary facilities owned by a nonprofit hospital as long as they are part of a PUD. The impervious area covered by buildings and required parking for such medical offices shall not include more than 12 percent of the site.

Public and/or private development of airport property owned or managed by the County shall be subject to an Airport Zoning District or Planned Unit Development (Airport) zoning district developed to implement this policy. It shall apply only to airports owned or managed by the County.

Privatized government operations shall be allowed in Institutional land use when the land is publicly owned and the private entity is acting under contract with the government that would normally provide the service.

All Institutional development must meet all suitability and compatibility standards in the CGMP. Minimum open space requirement shall be 40

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percent, maximum building height shall be 40 feet and maximum building coverage shall be 45 percent.

*Policy 4.13A.12. Public Utilities - major public power generation facilities.* Land uses in this category are confined to major public power generation sites and related facilities. Currently, the only such designated area is the Florida Power and Light Martin Plant site and cooling reservoir west of Indiantown. Major public power generation sites are those owned by utilities regulated by the Public Service Commission and that own and operate the public utility electrical distribution systems. This designation is required for all public power generation sites that contribute electricity to the power grid in Martin County. Such systems are traditional electrical power facilities that convert nonrenewable energy to electricity and are regional, intense industrial type uses. Such land uses are subject to the same locational and compatibility considerations as required of industrial development. The minimum open space shall be 20 percent, maximum building coverage shall be 50 percent and maximum building height shall be 40 feet. Electrical power facilities solely utilizing solar, wind or other renewable energy fuel or energy source may be permitted in any other Future Land Use Designation, consistent with the Land Development Regulations.

*Policy 4.13A.13. Private Conservation.* Martin County will evaluate environmentally sensitive lands in the County and consider the designation of a Private Conservation land use category that would be appropriate for very low density residential uses such as one unit per 20 acres to one unit per 40 acres and/or various types of low-intensity agricultural uses, such as ranch land.

*Policy 4.13A.14. Mixed Use Overlay.* The Future Land Use Map designates Mixed Use Overlays to areas in designated community redevelopment areas as specified in Policy 4.2B.4. MUO areas are intended to support a compact urban form and provide for local, small-scale employment, shopping and civic opportunities. The overlay areas seek to attain a small town urban form, with walkable streets, on-street parking, small parking lots, public open spaces, community facilities and buildings of similar scale related to each other in form and proportion. Generally, mixed use overlay areas cover the urbanized core of the CRA where mixed use is allowed to encourage redevelopment. Redevelopment of existing sites and in-fill development in these areas shall be designed to improve residents' quality of life by (1) encouraging compatibility and pedestrian links between commercial developments and surrounding residential areas; (2) accommodating home-based small businesses; (3) increasing economic and social integration by providing opportunities for diverse housing types and reduced traffic and other infrastructure needs. Opportunities for mixed use in these overlay areas shall be provided by allowing different types of land uses in close proximity, planned as a unified, complementary whole, and functionally integrated to share infrastructure.

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Martin County shall encourage but not mandate mixed-use development in a Mixed Use Overlay in designated CRAs. All land use designations in MUO areas shall allow mixed use regardless of the mixed-use project's land use designations. The nonresidential component of a mixed-use project in an MUO shall include a use from one or more of the following: Commercial Office/Residential, Limited Commercial, General Commercial and compatible Industrial, consistent with the requirements of Policy 4.3A.2. Boundaries of the overlay area shall be shown on the FLUM. New overlay areas or changes in the boundaries of existing overlay areas can be made only by FLUM amendments, which shall assess the impacts of conversion to mixed use.

The MUO shall allow and encourage mixed use as defined under Goal 4.3 (Mixed Use). Mixed-use development in a Mixed Use Overlay in a CRA shall comply with the thresholds for densities and intensities of use identified in Policies 4.3A.2. and 4.3A.3. Martin County shall allow mixed-use development in this designation consistent with the applicable redevelopment overlay districts found in the Land Development Regulations. Specific redevelopment regulations shall detail building coverage and height, permitted uses, buffers, landscaping and parking requirements consistent with the policies in Goal 4.3.

*Policy 4.13A.15. Mixed-Use Village (MUV).* The MUV land use category shall guide and establish development of a compact, mixed-use village comprised of interconnected traditional neighborhoods intrinsically linked to adjacent agriculture, open space, managed natural areas and designated preserve areas consisting of wetlands and native uplands. The MUV land use category shall create a desirable workplace location in Martin County by shaping a mixed-use, walkable downtown environment in close proximity to a variety of housing options, civic uses, and an interconnected trail system providing access to large expanses of open space and managed natural areas. The MUV land use category shall apply solely to the ±3,411 acres located west of Florida's Turnpike and north of S.W. Martin Highway and further described in Exhibit "A", Legal Description, attached to Ordinance 1081.

- (1) *MUV General.* Development within the MUV land use category shall do the following:
  - (a) Offset biological and ecological impacts of new development;
  - (b) Maintain agricultural uses, including fostering new farm-to-table opportunities;
  - (c) Protect and manage significant areas of open space and natural lands in perpetuity over and above minimum wetland and upland preserve area requirements;
  - (d) Enhance water quality in the St. Lucie River and Indian River Lagoon through temporary retention and natural cleaning of nutrient-rich C-23 canal water prior to discharge into the St. Lucie River;

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- (e) Build a series of interconnected Traditional Neighborhoods pursuant to the PMUV form-based code regulations that implement Goal 4.3 and Policy 4.3B.2;
  - (f) Foster healthy lifestyles by creating an interconnected trail system providing access to managed natural areas, open space, parks and civic spaces;
  - (g) Minimize greenhouse gas emissions and vehicle miles traveled by providing a mix of uses, including workplace, residences, and civic uses to promote internal capture of automobile trips;
  - (h) Balance housing with workplaces, retail, and civic uses; and
  - (i) Provide a variety of housing types for residents of diverse ages, incomes, family sizes, and lifestyles, throughout each neighborhood.
- (2) *MUV Future Land Use Designation.* Densities and intensities.
- (a) Gross density within the MUV shall be calculated on the entire 3,411 acres consistent with Policy 4.1E.4., CGMP.
  - (b) Policy 2.1.A.1.(1) shall not be applicable to densities described in the MUV future land use designation.
  - (c) The MUV shall not require the separation of residential from non-residential uses described in Policy 2.1A.2.
  - (d) The MUV shall not require the density transition described in Policy 2.1A.3 and Objective 4.1F.
- (3) *MUV Implementation.* The MUV land use category shall be implemented in the Land Development Regulations through the creation of a Planned Mixed-Use Village (PMUV) zoning district, a form-based code, which shall be consistent with Policy 4.13A.15. The PMUV shall include a Regulating Plan which identifies general neighborhood type and location, primary street thoroughfares and other significant development elements. The PMUV shall also include transect zones that organize development in a continuum from rural to urban.
- (4) *MUV Development Program.* In order to ensure predictability, the County hereby approves development of the property described in Exhibit "A", Legal Description, attached to Ordinance 1081. The maximum quantities of commercial, retail, industrial, residential uses and school sites, as well as the minimum quantities of civic uses and open space in the form of wetland and upland preserve areas, managed natural areas, agriculture and other active and passive open areas are shown in Table 1.

Table 1: MUV Development Program

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Use	Amount
Schools and Open Space (Wetland and Upland Preserves, Managed Natural Areas/Open Area/Agriculture/Civic Open Spaces/Trails)	70% minimum of total site acreage of ±3,411 acres
Agriculture	5% minimum of total Open Space acreage (equaling approx. ±120 acres)
Native Upland Preserve (subject to PAMP)	25% minimum of the total Native Upland Habitat
Wetlands & Wetland Buffers (subject to PAMP)	100% of all wetlands on-site and their buffers
School Sites	A minimum of 3% and maximum of 5% of total site acreage of ±3,411 acres
<b>NEIGHBORHOODS</b>	
Neighborhoods	30% maximum of total site acreage of ±3,411 acres
Residential Dwellings	4,200 units, maximum. All units shall be located within the PUSD. This shall include live-work units.
Commercial/Retail Uses/ Office	290,000 square feet maximum. All of these uses shall be located within the PUSD and will be independent of the 2,000,000 square feet/300 acres maximum of the other non-residential uses.
Other non-residential uses	2,000,000 square feet/300 acres maximum of other non-residential, inclusive of retail and

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	other supporting uses for workplace and live-work units.
Civic within neighborhoods	5% minimum of the total neighborhood acreage (which equals approx. ±51) The undeveloped permeable portion of each civic use shall be counted toward open space.

- (a) The MUV land use category inside the Primary Urban Service District will be organized according to transect zones and shall include:
  - 1. Residential uses, organized in a manner that will ultimately result in complete, connected neighborhoods.
  - 2. Neighborhoods that include workplaces, retail, housing, recreation and civic uses.
  - 4. Existing wetlands and native upland habitat preserved in accordance with the CGMP. The required preserve areas shall be identified at the time of adopting the Regulating Plan and may be inside or outside the PUSD.
  - 5. Other Open Space including agricultural and managed natural areas.
  - 6. Development limited to a maximum height of 4 stories or 40 feet, as described in Section 3.14. of the Land Development Regulations.
- (b) The MUV land use category outside of the Primary Urban Service District will be organized according to transect zones and shall include:
  - 1. Agriculture.
  - 2. Stormwater treatment and retention.
  - 3. Natural areas preserved and managed through a conservancy and/or perpetual easement.
  - 4. Existing wetlands and native upland habitat preserved in accordance with the CGMP. The required preserve areas shall be identified at the time of adopting the Regulating Plan and may be inside or outside the PUSD.
  - 5. Areas of open space that may include uses such as hiking, biking, cattle grazing, animal preserves, equestrian trails, boardwalks, fields, passive and active recreation, any corresponding

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infrastructure not requiring water or sewer, and parking areas to afford public access.

- (c) The applicant shall plan and appropriately fund public facilities consistent with Policy 14.1B.2 which requires that future development shall pay for the full cost of the capital improvements needed to address the impacts of such development. The MUV Development Program shall include development agreements that address public facilities, infrastructure and the timing of development to be adopted prior to or concurrent with the first master site plan approval.

**Goal 4.14.** To provide adequate and appropriate lands for institutional land uses.

*Objective 4.14A.* To ensure the availability of dredge spoil disposal sites to address identified needs.

*Policy 4.14A.1. Dredged material management.* Martin County shall adhere to the dredged material management concept for the Intracoastal Waterway in Martin County, as established by the Florida Inland Navigation District, as follows:

- (1) In the vicinity of St. Lucie Inlet, material dredged from the Waterway channels will be managed through the use of beach disposal combined with back-up upland storage capability.
- (2) In all other segments of the Waterway, dredged material will be placed in diked upland management facilities with existing or developable road access.
- (3) Centralized upland sites will be established in a minimum number of locations within operating reach of the Waterway.
- (4) Sites will be operated and maintained as permanent facilities in which dredged material will be actively managed.

*Policy 4.14A.2. Inspections for future dredge spoil sites.* Initial considerations for future dredge spoil sites shall be based on site inspections by a biologist and an engineer. The site inspection shall include:

- Preliminary identification of wetlands;
- Initial assessment of vegetation communities, habitat and environmental constraints;
- Presence of protected wildlife and habitat;
- Existing and adjacent land use;
- Site topography;
- General soil condition;
- Existing or potential upland road access;
- Possible pipeline routes;



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- Suitability for site development;
- Adequate uplands for central storage requirements (minimum 5 acres desired);
- Prior development activity of site; and
- Obvious archeological features.

*Policy 4.14A.3. Criteria for dredge material management sites.* Dredge material management sites shall be judged on their ability to satisfy criteria in three broad areas:

(1) Engineering/operational considerations:

- Sufficient capacity to meet the storage requirements for the reach in which the site is located;
- Sufficient dike material on site to construct a 15-foot dike without excavating the basin interior to a depth beyond reasonable engineering considerations;
- Pumping distances from dredging area to storage site of no more than 10 miles, with 3 to 6 miles preferred;
- Pipeline access that minimizes environmental and operational impacts such as extensive marsh crossings, significant elevation changes or road/railroad crossings; and
- Upland access with existing or potential road service;

(2) Environmental considerations:

- The goal is complete avoidance of wetlands impacts; where it cannot be met, impacts will be allowed consistent with Martin County wetland policies;
- Upland impacts such as quality of habitat, presence or potential presence of threatened or endangered species, uniqueness, maturity, and aesthetic quality of vegetation (e.g., mature hardwood canopy versus second-growth saplings), and the extent of site disturbance by prior development;
- Buffer area outside of containment area to serve as undisturbed vegetative buffer to adjacent development, preservation of unique environmental values or the ability to serve as a dedicated conservation easement to facilitate permitting;
- Archeological value as identified by field inspection and federal and state records to avoid destruction of such features; and
- Groundwater conditions to ensure that measures such as hydrology and geographic separation can be taken to avoid saltwater and other groundwater contamination.

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- (3) Socioeconomic or cultural considerations:
- Land use such as avoidance of adjacent residential uses, minimal existing site development, lands previously disturbed by clearing, excavation, timber harvesting or draining;
  - Zoning and comprehensive plans to determine local government jurisdiction, satisfy relevant local regulations as allowed by law and address community concerns, with priority given to industrial or agricultural uses;
  - Site ownership to obtain permission for phase II site evaluations and to reduce the number of individual property owners involved.

Chapter 10 SANITARY SEWER SERVICES ELEMENT

**Chapter 10 SANITARY SEWER SERVICES ELEMENT**

Adopted:	February 20, 1990	By Ordinance No. 373
Amended:	July 9, 1991	By Ordinance No. 400
Amended:	October 26, 1993	By Ordinance No. 430
Amended:	November 29, 1994	By Ordinance No. 450
Amended:	December 15, 1998	By Ordinance No. 537
Amended:	September 28, 1999	By Ordinance No. 555
Amended:	May 24, 2005	By Ordinance No. 668
Amended:	August 7, 2007	By Ordinance No. 765
Amended:	December 11, 2007	By Ordinance No. 778
Amended:	December 11, 2007	By Ordinance No. 781
Amended:	December 11, 2007	By Ordinance No. 782
Amended:	February 12, 2008	By Ordinance No. 787
Amended:	December 16, 2009	By Ordinance No. 840
Amended:	December 16, 2009	By Ordinance No. 851
Amended:	August 10, 2010	By Ordinance No. 870
Amended:	January 10, 2012	By Ordinance No. 907
Amended:	July 10, 2012	By Ordinance No. 913
Amended:	December 16, 2014	By Ordinance No. 965

- COMPREHENSIVE GROWTH MANAGEMENT PLAN

Chapter 10 SANITARY SEWER SERVICES ELEMENT

Amended:	December 20, 2015	By Ordinance No. 984
Amended:	July 25, 2017	By Ordinance No. 1025
Amended:	August 22, 2017	By Ordinance No. 1032
Amended:	February 27, 2018	By Ordinance No. 1056

[Section 10.1. Background Information](#)

[Section 10.2. Existing Conditions](#)

[Section 10.3. Future needs](#)

[Section 10.4. Goals, Objectives and Policies](#)

**Section 10.1. Background Information**

10.1.A. *Introduction.* In its 1982 Comprehensive Growth Management Plan (CGMP), Martin County set objectives for wastewater management. These included promoting centralized systems, initiating wastewater planning and including regulations in the Land Development Code and performance standards in the CGMP.

After adoption of the 1990 CGMP, the Board of County Commissioners (BCC) commissioned a series of planning documents, including the 1998 Wastewater Master Plan and the 2001 update. Those master plans recommended consolidating the County's wastewater system. Other recommendations included developing and/or expanding facilities in the Port Salerno/Tropical Farms and North County areas; eliminating package treatment plants and on-site sewage treatment and disposal systems (OSTDS) in areas with higher density; reusing sewage effluent for irrigation; and developing a biosolids disposal program. The 2001 Water and Wastewater Master Plan Update provided guidelines that allowed the Martin County Utilities and Solid Waste Department to meet the requirements of Florida Statutes.

The County acknowledges that proper planning for and investment in infrastructure constitutes a fundamental means of achieving the County's vision of environmental, economic, social and fiscal sustainability, and continued high quality of life set forth in the CGMP, especially the Future Land Use Element. Therefore, proper alignment and implementation of the Goals, Objectives and Policies of the CGMP are essential to achieve these goals.

Full implementation and enforcement of the strategies and policies in this chapter are vitally important. The quality of life and the economy of Martin County rests on its waterways. The County's policy and investment has achieved significant success. In the period from 1982 through 2014, Martin County has eliminated 70 package plants with a combined treatment capacity of 5.8 mgd, by providing regional sewer facilities.

The siting, design and permitting standards for OSTDS are within the jurisdiction of the Florida Department of Health and the State Department of Environmental Protection. Therefore, the County may not at this time have the full range of policy alternatives available to it to solve the environmental problems

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and fiscal challenges posed by failing OSTDS. There also remains some uncertainty as to the absolutely best approach to protect and restore water quality in every given situation. In some circumstances the best way forward is to eliminate OSTDS and provide regional facilities. In other circumstances, given proper standards and safeguards, additional development served by OSTDS may be appropriate. The County is cognizant that knowledge and best management practices regarding regional sewage systems and OSTDS will continue to develop and inform County policies and practices going forward.

Within the County's seven Community Redevelopment Areas (CRAs), there are areas that meet the criteria for high prioritization for capital investment for the extension of regional sewer facilities. The County Community Development Department and the County Utilities Department have prepared preliminary draft utility plans for each CRA. These preliminary draft plans identify needed gravity collection lines, force mains and lift stations needed to provide regional sewage facilities to the CRAs. Preliminary cost estimates have also been prepared.

10.1.B. *Purpose and intent.* This element serves as the basis for providing the sanitary sewer facilities and services necessary to manage the wastewater generated by Martin County's existing and future residents. It contains the goals, objectives and policies needed to implement these facilities and services.

## Section 10.2. Existing Conditions

10.2.A. *Type of facilities.* Martin County residents are served by on-site sewage treatment and disposal systems (OSTDS), package sewage treatment plants and regional sewage systems. Each facility is described below.

*On-site sewage treatment and disposal systems* serve individual residences or small developments. Solid wastes settle in the tank and decompose; the remaining liquid is discharged to a drainfield and percolates into the soil. The natural process of filtration and microorganism activity in the soil completes the treatment process. On-site sewage treatment and disposal systems must be pumped out every 3-5 years to remove the accumulated solids, and the waste septage must be treated prior to final disposal.

*Package sewage treatment plants* are usually small, preconstructed units serving isolated developments. They can be designed to provide any level of service but usually provide no more than secondary treatment. Effluent is usually disposed through percolation ponds or drainfields.

*Regional sewage systems* are large systems serving densely populated regions, owned either by the public or by investors. Physical and biological methods are used to separate solid and organic matter from the wastewater. Depending on the facility's design and purpose, three levels of treatment are possible: primary, secondary and tertiary. Under FDEP requirements, all systems use secondary and/or tertiary treatment. Effluent to be reused for irrigation receives tertiary treatment

Six regional systems operate in Martin County. Designated regional sewage systems serving the County are Martin County North, Martin County South, South Martin Regional Utilities, Indiantown Utilities, the Loxahatchee River Environmental Control District (LRECD) and the City of Stuart (Table 10-1).

The goals, objectives and policies contained in this element require planning and operations consistent with the other Elements of this Plan. Wastewater Master Plans have been developed to guide the County's consolidation of sanitary sewer facilities and to address concerns about existing conditions and future needs. For example, the County developed and implemented an industrial waste effluent pretreatment program to ensure pretreatment of industrial waste streams prior to discharge to the public wastewater treatment facility. This program is necessary to ensure proper maintenance and operation of the facility and maintenance of effluent and biosolids standards. The County also conducted a pilot program to determine the economic feasibility and business and public response to conversion of dewatered biosolids for use as a soil amendment (fertilizer). This program considered the dual benefits of reduced landfill space and reduced need for synthetic fertilizers. Based on the findings of the pilot program, the County has issued a contract to build two regional biosolid facilities.

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10.2.B. Both incorporated and unincorporated areas of Martin County rely on on-site sewage treatment and disposal systems where a regional sewage system is not available.

According to the General Soil Map of Martin County (Figure 10-1, on file with the Martin County Growth Management Department and on the County's website), the County has 15 "soil map units". Each unit represents a unique natural area, consisting of one or more major soil types and some minor soils. On-site sewage treatment and disposal system may pose health, safety and environmental problems if located in areas with unsuitable soils. The map is based on the Soil Survey of the Martin County Area, which has revealed that most of the County's soils have some limitations for on-site sewage treatment and disposal system absorption fields. These limitations include poor filtering, seepage, sandiness, slow rate of percolation, wetness, ponding and excess humus, as well as a shallow depth to bedrock or to a cemented pan. All of these characteristics affect absorption of effluent. The depth to bedrock/cemented pan affects installation of on-site sewage treatment and disposal systems. Therefore, use of on-site sewage treatment and disposal systems is regulated so these limitations can be overcome by testing and by designing, constructing and maintaining systems specifically geared to address the particular soil or situation. Higher densities should be avoided where more limited soils are present.

On-site sewage treatment and disposal systems must be located in accordance with setback requirements for potable water wells and surface water and wetlands. In addition, the Wellfield Protection Ordinance prohibits on-site sewage treatment and disposal systems within 200 feet of wells that supply public water.

The majority of on-site sewage treatment and disposal system approvals have been in rural areas, coastal communities and subdivisions grandfathered in under previous regulations. Since on-site sewage treatment and disposal systems discharge wastewater of a lower quality than water from a treatment plant, a high density of homes with on-site sewage treatment and disposal systems can threaten a wellfield or the water quality of surface water. Problems may also arise from improper installation or maintenance.

Regardless of the cause, on-site sewage treatment and disposal systems can fail and groundwater can be contaminated. Therefore, Martin County has established a policy requiring on-site sewage treatment and disposal system areas that experience problems to connect to regionalized sewer service.

In the County's Urban Service District, on-site sewage treatment and disposal systems will be prohibited where regional sewage systems are available. For existing residential uses utilizing on-site sewage treatment and disposal systems, a program to connect those areas with high densities, high water table, and poor soils—must be developed.

Restrictions on the use of on-site sewage treatment and disposal systems coupled with policies which limit the intensity of use and limit negative impacts remain an alternative to provide reasonable use of property in rural areas outside the Primary Urban Service District. On-site sewage treatment and disposal systems that are directly related to and supportive of agriculture, including agri-tourism or would not jeopardize the integrity of the agricultural purpose of the district are allowed. All systems shall be consistent with the policies in Section 10.4

10.2.C. *Package plants.* New developments within the Primary Urban Service District are required to connect to a regional sewage system. Martin County's policies that discourage package plants and work to build an integrated, efficient and cost effective group of regional sewage systems have been effective. When the original comprehensive plan was adopted in 1982, there were over 100 package plants in Martin County. The County has eliminated seventy package plants in its service area since 1982.

All investor-owned systems are regulated by the Florida Public Service Commission and must adhere to the County level of service standard in Policy 10.1B.5.

10.2.D. *Regional sewage systems.* Due to the problems associated with package plants and on-site sewage treatment and disposal systems, Martin County has pursued a policy of consolidating wastewater systems by acquiring wastewater treatment facilities.

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The Loxahatchee River Environmental Control District (LRECD) in Palm Beach County provides sewer service for a portion of Martin County south of Jonathan Dickinson State Park. LRECD has committed to expand its facilities in accordance with FDEP rules and regulations.

Interlocal agreements, through which one entity provides services, capacity or facilities to another, may be executed if they are in the best interest of the parties involved. The County currently provides sanitary sewer service to Sewall's Point and Ocean Breeze through interlocal agreements. On October 28, 2008, the County entered into a 20-year interlocal agreement with the City of Stuart in which the City will provide 1.1 MGD of sewer treatment capacity and the County will provide the same amount of potable water treatment to the City.

Figures 11-1 and 11-2 in Chapter 11 indicates the existing and potential service areas of each of the regional plants. Service areas in the southern portion of Martin County are not fully defined. Only regional sewage systems in this section shall be eligible for hook-ups for new development. This list shall not be changed without a plan amendment.

**Table 10-1  
Regional Sewage Systems in Martin County**

Facility (Ownership)	Type of Treatment	Disposal Methods	Actual Flow (MGD)	Rated Capacity
North System (County)	Tertiary	Deep well Landscape irrigation	1.36	2.76
South System (County)	Tertiary	Landscape irrigation Deep well	2.90	5.9
City of Stuart Plant (City)	Tertiary	Deep well Landscape irrigation	1.56	4.0
South Martin Regional Utilities	Tertiary	Percolation ponds, landscape irrigation	0.8 AADF *	1.4 AADF *
Indiantown Utilities (Private)	Tertiary	Percolation ponds, reuse Agricultural irrigation	0.45	1.1
Loxahatchee River Environmental Control District (LRECD)	Tertiary	Landscape irrigation Deep well (back-up)	6.5	11.0

\* The majority of systems are measured using the 3 month average daily flow; This system is measured using average annual daily flow.

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*Source: Regional utilities*

10.2.E. *Issues in wastewater management.* The issues that emerge from current conditions in Martin County are:

1. Some of the remaining package systems are not properly financed or operated, resulting in unacceptable effluent quality.
2. High densities of on-site sewage treatment and disposal systems on small lots, on-site sewage treatment and disposal systems in unsuitable soils and poor construction or poor maintenance of on-site sewage treatment and disposal systems can lead to contamination of potable water wells, groundwater and surface waters.
3. Conservation of potable water has been enhanced through reuse of wastewater effluent.
4. Regional sewage systems will need further expansion to serve residents who currently are on failing on-site sewage treatment and disposal systems or package plant systems and to serve future residents.
5. Adoption of the CGMP in 1990 effectively ended the proliferation of new package plants.

10.2.F. *Level of service for effluent disposal.* Two waste streams are generated by wastewater treatment plants: effluent and biosolid streams. Before disposal, effluent streams must be disinfected in accordance with FDEP criteria. Disposal alternatives include discharge to land via percolation ponds or drainfields, reuse via spray irrigation or deep well injection. Before disposal, biosolids must undergo further biological treatment, called digestion, which reduces pathogens and volatile solids (odor-causing constituents). The biosolids are then disposed of as a liquid or further dewatered for disposal at a solid waste landfill or for application on agricultural land. Section 159.102 of the Martin County Code of Ordinances effectively eliminated land application in Martin County effective June 2001. FDEP has regulatory responsibility for ensuring adequate disposal capacity for the waste streams generated by wastewater plants. Martin County works with FDEP to document that sufficient effluent and biosolids disposal capacity exists before allowing additional connections to any sanitary sewer facility.

### **Section 10.3. Future needs**

Wastewater Master Plans have been developed to guide the County's consolidation of sanitary sewer facilities and to address concerns about existing conditions and future needs (Table 10-2).

Service area population and flow projections have been developed to determine future demand.

The service areas for the North System and the South System are shown on Figure 11-1 in Chapter 11. The Tropical Farms Wastewater Treatment Plant needs one additional expansion to assure build-out capacity and appropriate disposal of effluent and biosolids. The Capital Improvement Plan gives further details of plant expansion.

Martin County is working with the FDEP to eliminate package plants and on-site sewage treatment and disposal systems not meeting the minimum criteria established by the Florida Department of Health, FDEP and other regulatory agencies. In extending sewer service, priority will be given to developed areas with groundwater or surface water contamination or pollution and to areas not served by regional sewage systems with lot sizes smaller than one-third acre. Priority will not be given to package plants in full compliance with all regulations or areas using on-site sewage treatment and disposal system that are in compliance with regulations and are not problematic. The County will continue programs for pretreatment of industrial waste streams, effluent reuse and biosolids disposal.

All of these activities are addressed in section 10.4, Goals, Objectives and Policies. This element and its implementation are designed to meet the County's long-term wastewater facility needs, preserve and protect the quality and quantity of Martin County's ground and surface water, and implement the CGMP.



**Table 10-2  
Required Future Capacity of Martin County Regional Sewage Systems  
2015 and 2025**

Facility	2015		2025	
	Projected population served	Required capacity (MGD)*	Projected population served	Required capacity (MGD)*
Martin County North	22,500 including Hutchinson Island	2.3	23,550	2.76
Martin County South	52,750	3.78 at 90% **	63,575	5.0 at 90% **
City of Stuart	18,213	3.0	20,098	3.0
South Martin Regional Utility	25,622	0.9 AADF	33,607	1.15 AADF
Indiantown	9,818	1.0	16,422	2.0
LRECD	5,660	0.61	6,050	0.65

\* Based on 100 GPCD (gallons per capita demand)

\*\* Required capacity equals estimated flow divided by 90% to account for permit requirements.

Note: Population estimates for the regional systems are based on the 2005 Martin County Utility Master Plan.

LRECD = Loxahatchee River Environmental Control District.

#### **Section 10.4. Goals, Objectives and Policies**

**Goal 10.1.** To provide regional sewage systems in a timely, cost-efficient manner to advance and protect public health, safety and welfare, and protect the environment while maximizing use of existing facilities and promoting compact urban development.

*Objective 10.1A.* To develop a program for correcting public and private wastewater deficiencies within 10 years.

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*Policy 10.1A.1.* The County shall regularly inspect and assess its wastewater collection facilities, including manholes, pipelines and service laterals. Based on the inspection findings, rehabilitation alternatives will be included in the subsequent revision to the Capital Improvement Plan and considered in the following annual budget. The County shall continue to allocate sufficient funds to ensure that maintenance and replacement needs are met in a timely manner.

*Policy 10.1A.2.* Deficiencies will be corrected according to the following priorities, in descending order:

- (1) Deficiencies that are immediate threats to health and safety shall be corrected immediately.
- (2) Deficiencies that, if not corrected, may affect health and safety within one year or before the health and safety of the public is affected;
- (3) Deficiencies that are necessary to protect the environment and to meet all laws and regulations shall be corrected within two years, or as agreed upon by the FDEP or other regulatory agencies.

*Policy 10.1A.3.* Work programs and capital facility improvements to correct facility deficiencies shall be coordinated with the Capital Improvements Element.

*Policy 10.1A.4.* The County shall work with the Florida Department of Health and the FDEP to assure that all permitted wastewater package plants and on-site sewage treatment and disposal systems can be expected to function adequately and to be properly maintained.

*Policy 10.1A.5.* As part of the consolidation of wastewater treatment facilities, the County shall prioritize extension of service to existing residential areas with one or more of the following conditions:

- (1) Package plant or on-site sewage treatment and disposal system failure;
- (2) Ground or surface water contamination or pollution, including on-site sewage treatment and disposal systems at high densities in unsuitable soils;
- (3) Lack of compliance with the recommended 500-foot setback from surface water;
- (4) On-site sewage treatment and disposal systems at densities exceeding three units per acre or serving multifamily units on small lots.

Areas of high-intensity commercial and/or industrial use may receive priority based on proximity to an existing collection system, deficiency of the existing treatment facility serving the area and/or its impact on the surrounding environment, and funding availability.

*Policy 10.1A.6.* Extension of sanitary sewer lines and expansion of plant capacity shall be coordinated with the projected demand for service as established in the Future Land Use Maps (Chapter 4 of the CGMP). To assure consistency with the established land use pattern, sanitary sewer service will be extended consistent with the following determinations:

- (1) Extension of service is proposed to an area delineated as a Primary Urban Service District. (The Primary Urban Service District is designated on Figure 4-2, Urban Service Boundaries in Chapter 4.)

**Editor's note**— Figure 4-2 is on file in the office of the Martin County Growth Management Department and on the County's website.

- (2) The land use is defined in the Future Land Use Element (section 4.7A) as Commercial or Higher Intensity Institutional (Other), or Industrial use, or higher density residential

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development. For new residential development within the Primary Urban Service District, all single family subdivisions with lot sizes of less than one acre and all multi-family development shall be served by a regional sewer system;

- (3) Engineering and fiscal assessment has been made of the optimum use of existing facilities and sanitary sewer systems; and
- (4) The extension of sanitary sewer service and expansion of plant capacity do not hamper the provision of service to existing priorities in the urban service district or promote urban sprawl; provide for the efficient use of land; and maximize the use of existing facilities. This finding shall be made following a complete staff assessment.

*Policy 10.1A.7.* Sanitary sewer lines may be extended from the Primary Urban Service District to serve the following facilities, as described in the Jonathan Dickinson State Park Unit Management Plan:

River	Campground	(45	sites);
Boat	ramp		restroom;
Dump			station;
Picnic	area	restrooms	(3);
Concession			building;
Environmental	education	and	research
Cabins			center;
Staff		residences	(12);
Boy	Scout	Camp	(3);
Girl	Scout	Camp	facilities;
Pine			facilities;
Camp	Grove		Campground;
Ranger			Pavilion;
Administrative/Maintenance Complex.	Station;		and

Such extensions are intended to reduce or eliminate the impact on the Loxahatchee River of the public facilities located within the specific portions of Jonathan Dickinson State Park listed above and are considered to be waivers. These waivers shall not be used (1) to serve, encourage or justify other development outside the Primary Urban Service District or (2) to encourage, support or justify an increase in density in surrounding or nearby areas or any other amendment to the Comprehensive Growth Management Plan.

*Policy 10.1A.8.* Sanitary sewer lines may be extended from the Primary Urban Service District to serve the following previously approved projects provided that the project is proceeding in accordance with its timetable of development, is consistent with all conditions of approval, and is maintaining its schedule of construction or other activities established in the development order.

- ~~(1) Fort Dawson Parcel as described in Comprehensive Plan Amendment 07-10, Indiantown International.~~
- (2) 1 Lots 67, 68, 75, 89, 90, 119 through 122 and lots 191 through 220 of Canopy Creek PUD (f/k/a Tusawilla PUD as recorded in Plat Book 16, Pages 039-001 to 039-036, Public Records of Martin County, Florida).
- (3) 2 Bridgewater Preserve as recorded in Plat Book 16, Pages 033-001 to 033-007, Public Records of Martin County, Florida. Any increase in residential density shall require approval by the Board of County Commissioners for a PUD Zoning Agreement and revised master/final site plan which is consistent with the Rural Density future land use designation and requires that the project connect to the existing potable water and sanitary sewer lines.

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- (4 ~~3~~) Seven J's Industrial Subdivision, as recorded in Plat Book 15, Page 97 and/or any replat or redevelopment of the property contained within the plat recorded in Plat Book 15, Page 97.
- (~~5~~ 4) The County landfill, parcel number 07-38-40-000-000-00020-7.
- (~~6~~ 5) Martingale Commons PUD f/k/a Palm City 95 PUD.
- (~~7~~ 6) Sheriff's Shooting Range, parcel number 07-38-40-000-000-00030-5.
- (~~8~~ 7) Parcel number 28-40-42-000-000-00020-5, parcel number 28-40-42-000-000-00040-1, parcel number 28-42-000-000-00011-0, and parcel number 21-40-42-004-000-00005-0 on S.E. Island Way.

*Policy 10.1A.9* Facilities at the Martin Correctional Institution may continue to receive sanitary sewer service from the City of Port St. Lucie in accordance with an interlocal agreement between Martin County, the City of Port St. Lucie and the Florida Department of Corrections. This is a specific exception and Port St. Lucie Utilities is not recognized as a regional utility for providing wastewater in Martin County.

*Policy 10.1A.10.* An exception to the prohibition of public facilities outside the Primary Urban Service District shall be provided for the Martin County Fairgrounds located near Indiantown, parcel number 03-40-39-000-000-00011-0 and parcel number 34-39-39-000-000-00021-0.

*Policy 10.1A.~~10.~~11* The County aims to fairly balance developers' ability to economically develop property with the public interest in providing regional wastewater service in the primary urban service district. Development proposals shall not be approved where adequate regional water and sewage facilities cannot be provided, unless the development can meet the requirements for an on-site sewage treatment and disposal system found in Policies 10.2A.7 and 10.2A.8.

*Policy 10.1A.~~11.~~12* Package treatment plants shall be prohibited except within the Seven J's Industrial Area and Martingale Commons PUD, provided that the respective project is proceeding in accordance with its timetable of development and conditions of approval.

*Policy 10.1A.~~12.~~13* In accordance with Policy 10.1A.8, if there is a gravity sewer line, force main or lift station in a public easement or right-of-way within 500 feet of Seven J's or Martingale Commons, the respective property will be required to connect to these facilities and the construction and/or utilization of package treatment plants or onsite treatment and disposal systems within these developments shall be prohibited. All properties deriving a special benefit from the connection shall pay for the expenses that are properly attributable to providing such connection under generally accepted accounting principles including, but not limited to, expenses related to the line extension, reimbursement to the County for any funds advanced, and all connection costs or other applicable capital facility charges. Such expenses shall be apportioned to and collected from such properties in a manner that fairly and reasonably apportions such expenses based upon an objectively determinable methodology in accordance with Section 71.103 of the Martin County Code, or other similar method of cost recovery permitted under Florida law. Until such time as facilities are available for connection, the use of on-site sewage treatment and disposal systems up to 2,000 gpd flows shall be allowed. Any existing uses on on-site sewage treatment and disposal systems must connect to the regional sewage system within 365 days of the date of receiving notice of the availability of the facilities.

*Objective 10.1B.* To plan for public facilities sufficient to meet future sanitary sewer needs based on adopted level-of-service standards and projected populations for the 5-year and 10-year planning periods.

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*Policy 10.1B.1.* The Martin County Utilities and Solid Waste Department shall review and amend as necessary the Wastewater Master Plans as part of the annual adoption of the Capital Improvements Plan.

*Policy 10.1B.2.* The County shall maintain and improve an information system to assist in evaluating wastewater management, including wastewater quantity, quality and use. This system shall assist in resolving administrative, operational and maintenance issues related to the development of a comprehensive wastewater system, including system consolidation and possible regionalization of facilities. The information system shall include existing conditions of wastewater plants as reported by the FDEP. Maps of sewerred areas will be updated quarterly.

*Policy 10.1B.3.* The County shall continue to acquire wastewater treatment facilities that meet the minimum standards established in the proposed County Wastewater Facility Ordinance, provided that:

- (1) The County determines it is in the public interest to offer utility services to best manage wastewater resources;
- (2) Ownership by the County will establish equal or greater long-range stability of the utility;
- (3) The acquisition can be accomplished without a significant change in existing rate structures or will result in providing high-quality service more cost-effectively;
- (4) There is a willing seller, or the County will exercise its right of eminent domain.

*Policy 10.1B.4.* The County shall manage the location, timing, scale and character of development options in areas not served by regional sewage system to ensure that (1) future development is provided with safe and sanitary means of wastewater disposal and (2) natural resources are not harmed by improper treatment and disposal of wastewater effluent. The CGMP and Land Development Regulations will be used to implement this policy.

*Policy 10.1B.5.* The level of service standards shall be incorporated into the Martin County Capital Improvements Element. The following level of service standard for residential and nonresidential use is hereby adopted for all sanitary sewer treatment facilities in Martin County and shall be used as the basis for determining the availability of capacity and the demand generated by a development:

Facility	Residential Level of Service	Year
Wastewater Treatment Systems	100 gallons per capita, per day	2015
	100 gallons per capita, per day	2025

Facility	Nonresidential Level of Service	Year

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Wastewater Treatment Systems	0.1 gallons per sq. ft.	2015
	0.1 gallons per sq. ft.	2025

This level of service represents a County-wide average compiled from the best available data.

*Policy 10.1B.6.* To ensure available capacity of County-owned regional sewage systems, the County shall begin design of essential improvements when the system reaches 80 percent of total rated capacity. Construction will begin when the system reaches 90 percent of total rated capacity. No additional reservations shall be made at 100 percent of rated capacity unless construction is underway. The County adopted the Adequate Public Facilities Ordinance to ensure that capacity is coordinated with approved developments.

*Policy 10.1B.7.* The County will monitor level of service standards for wastewater service and will report the results in the annual report on level of service for all County services.

*Policy 10.1B.8.* The Utilities and Solid Waste Department shall review all development proposals, plans and specifications to ensure that all sanitary sewer transmission systems meet County minimum standards, are consistent with the County's consolidation efforts and do not reduce levels of service.

*Policy 10.1B.9.* The County shall use treated wastewater effluent for irrigation purposes to the maximum extent practical.

*Policy 10.1B.10.* Martin County shall investigate Federal and State grants and other revenue sources to subsidize the cost of sanitary sewer services to existing areas that need such service.

*Objective 10.1C.* To adopt the following criteria for extending public facilities that maintain adopted level of service standards and promote compact urban development:

*Policy 10.1C.1.* The extension of sanitary sewer lines and expansion of treatment plant capacity shall be based on the projected demand for service as established in the Future Land Use Maps (Chapter 4). To assure consistency of efficient service provision with the established land use pattern, the following determinations must be made:

- (1) The adopted level of service standards will be maintained and adequate capacity is available as determined by an analysis of the current and projected future population growth within the existing service area and the proposed area to be served;
- (2) Extension of regional sewage systems shall be limited to those areas identified within the Future Land Use Element of this plan that are in the Primary Urban Service District, as shown on Figure 4-2, Urban Service Districts in the Future Land Use Element (Chapter 4) of the CGMP; to Jonathon Dickenson State Park as provided in Policy 10.1A.7 and projects that have vested under previous approvals, as provided in Policy 10.1A.8;

**Editor's note**— Figure 4-2 is on file in the office of the Martin County Growth Management Department and on the County's website.

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- (3) It would be practical, feasible and cost-efficient to provide the service in a long-term expansion program;
- (4) Extension would be in the public interest; and
- (5) Service shall not be extended to new development within the Secondary Urban Service District except to projects that have vested under previous approvals pursuant to a development order that may be issued by Martin County for a project on the Tesoro Groves parcels 05-40-39-000-000-00010-1 and 05-40-39-007-000-00020-2 as described in Official Record Book 02367 Pages 0313 through 0317.

*Policy 10.1C.2.* Public service areas shall be expanded based on their ability to serve new customers cost-effectively and without jeopardizing levels of service for present and future customers in existing service areas.

*Policy 10.1C.3.* To maintain the level-of-service standards specified in Policy 10.1B.5., the County shall ensure that adequate facility capacity exists or will be provided concurrent with development. Staff will analyze facility capacity based on adopted level of service standards and the projected need resulting from the development.

*Policy 10.1C.4.* In reviewing future development proposals and determining appropriate density allocations, the staff analysis will include evaluation of possible limitations in water supply and related problems of water quality, wastewater effluent and biosolids disposal. Development orders will not be approved where adequate water and sewer facilities cannot be provided.

*Policy 10.1C.5.:* All developments approved in the County's within established sewer service areas shall donate all needed sanitary sewer collection lines, lift stations, force mains and appurtenances along with suitable easements. ~~In addition, all approved developments and shall pay all applicable capital facility costs when services is are reserved by the County. This policy shall be implemented by: (1) (a) Formation of special assessment districts; or (2) (b) execution of a standard developer's agreement; or (c) execution of an interim agreement in accordance with the Land Development Regulations.~~

*Policy 10.1C.6.* When a property owner requests the County to provide wastewater service to a property and providing the service requires installation of a transmission line, the County will allow a portion of the capital facility charge as a credit towards construction of the line.

*Policy 10.1C.7.* To encourage developers to provide sewer capacity in excess of their project's needs, the County shall consider cost recovery agreements. The owner and the County shall apply credit towards the capital facility charges (CFC) in accordance with the CFC credit policy in effect at the time.

*Policy 10.1C.8.* Wastewater system improvements shall be located, designed and installed in a manner that is cost-effective, functional, responsive to the specific needs of existing and planned future land uses in the service area, and compatible with surrounding natural systems. Wastewater main extension shall be aligned and installed in a manner that prevents undue loss of established tree canopies or soil through induced erosion. Features of land altered by construction shall be returned as close as possible to the original condition. The timing and staging of construction shall be scheduled to minimize disruptive impacts, including those on residential quality and traffic flow.

*Policy 10.1C.9.* The County has defined detailed service area maps of government-owned or investor-owned sewerage systems that will be used to implement the Martin County Land Development Regulations as regional sewage systems. The five government owned regional sewage systems are Martin County North, Martin County South, South Martin Regional Utilities, the Loxahatchee River Environmental Control District, and the City of Stuart. The Indiantown

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Utility is the only investor-owned regional sewage system. Any changes in the list of eligible utilities and their service areas will be made by plan amendment. These map(s) shall be amended annually as necessary. The service area for private facilities shall be as certified and regulated by the Florida Public Service Commission. The service areas for governmentally-owned facilities shall be as determined by master plans or other appropriate documents authorized by the jurisdictional entity. Figure 11-1 in Chapter 11 shows the current regional utilities service areas in Martin County.

*Objective 10.1D.* To maintain a 10-year schedule of capital improvement needs for wastewater facilities, that is updated annually in conformance with the review process set forth in the Capital Improvements Element.

*Policy 10.1D.1.* Proposed capital improvement projects will be evaluated and ranked according to the following priorities, in descending order:

- (1) Correction of deficiencies;
- (2) Service to existing developments;
- (3) Service to enclave and infill areas within the urban service area;
- (4) Extension of service to new developments:
  - (a) Service to meet legal commitments and vested projects;
  - (b) Service to new developments.

*Policy 10.1D.2.* Ten-year wastewater facility work programs shall be evaluated annually to ensure that projects are prioritized based on current conditions and anticipated future resident demand, consistent with the Capital Improvements Element.

*Policy 10.1D.3.* The sanitary sewer system projects listed in the 10-year CIP will be prioritized in the wastewater facility program. This list may be evaluated annually and reprioritized as necessary.

*Policy 10.1D.4.* The 10-year wastewater facility work program shall be coordinated with other proposed work in public road rights-of-way to ensure consistency and cost-effectiveness of work in the County and in conjunction with State or municipal improvements.

*Objective 10.1E.* To continue coordinating with the FDEP to determine sanitary sewer facility deficiencies.

*Policy 10.1E.1.* No new package plants shall be allowed except for projects specified in Policy 10.1A.11 that are vested based on master plan approval consistent with the policies in effect at the time of approval. To maintain vested rights, projects must be proceeding in accordance with their timetables and the conditions of approval. No connections to existing package plants shall be allowed if enforcement action by FDEP would preclude such connections.

*Policy 10.1E.2.* Existing customers of package plants will be connected to regional systems when:

- (1) The useful life of the package plant has been exhausted;
- (2) It is cost-effective; or
- (3) The package plant falls into noncompliance with FDEP regulations and is required to connect.

*Policy 10.1E.3.* When package plants are connected to regional systems, property owners benefiting from the connection shall pay all connection costs, including capital facility charges.



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**Goal 10.2.** Martin County shall provide a safe, environmentally friendly alternative for wastewater treatment where regional sewage service is not available.

*Objective 10.2A.* Martin County shall require strict standards for on-site sewage treatment and disposal systems which protect the public health, the surficial aquifer, the St. Lucie Estuary, and wetlands and other surface waters.

*Policy 10.2A.1.* All new development within the primary urban service district requiring site planning or platting shall connect to a regional sewage system if a wastewater collection or transmission line with sufficient available capacity exists within one-quarter mile of the development as accessed via public easements or rights-of-way, and the regional sewage system has available capacity.

*Policy 10.2A.2.* Developments required to extend lines to connect to a regional sewage system shall do so in accordance with the requirements of that regional sewage system. For County-owned and/or operated systems, the routing and size of the wastewater collection and/or transmission main extension shall be in accordance with the County's master wastewater pipe network plan to be adopted by resolution. Where urban land use designations require future extension of wastewater collection and/or transmission mains, the mains shall be required to be extended the full length of the right-of-way or easement which is adjacent to the property.

*Policy 10.2A.3.* All single-family and duplex residential properties must connect to a regional sewage system within 365 days of the date of receiving notice that a gravity sewer collection main with sufficient available capacity is adjacent to the property within an easement or right-of-way, and the regional sewage system has available capacity.

*Policy 10.2A.4.* All multifamily and nonresidential properties must connect to a regional sewage system within 365 days of the date of receiving notice that a gravity sewer collection or a wastewater transmission (force) main with sufficient available capacity is adjacent to the property within an easement or right-of-way, and the regional sewage system has available capacity.

*Policy 10.2A.5.* When the Martin County Board of County Commissioners makes a determination, based upon facts and evidence that:

1. The sanitary sewer service being supplied to an area by an on-site sewage treatment and disposal system constitutes a health hazard or environmental harm; and
2. Connection to a regional sewage system is a reasonable means of avoiding such health or environmental hazard;

then the property owners shall be required to connect to a regional sewage system if a wastewater collection or transmission line with sufficient available capacity exists within one-quarter mile of the development as accessed via public easements or rights-of-way, and the regional sewage system has available capacity. All such connections shall be made in accordance with rules and regulations that provide for charges for these connections as determined by the Board of County Commissioners or the private regional sewage utility.

*Policy 10.2A.6.* Once a service connection is made to a regional sewage system, disconnection from that regional sewage system is prohibited.

*Policy 10.2A.7.* The use of on-site sewage treatment and disposal systems to provide sanitary sewer service shall be limited to the following:

1. Single-family dwellings on existing legally created residential lots of record as of April 1, 1982.

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2. Duplex units on existing legally created residential lots of record as of April 1, 1982, provided that:
  - a. The lot of record is serviced by a regional potable water system.
  - b. The duplex is located in a subdivision which is zoned for duplex use and is designated for medium density or high density use on the future land use map of the Comprehensive Plan, and which was three-fourths developed in duplex use on April 1, 1982.
  - c. A regional sewage system gravity sewer collection main is not available within 1,000 feet of the subject duplex lot.
  - d. An agreement is executed with the County to connect to a regional sewage system within one year from the date that a gravity sewer collection main with sufficient available capacity is adjacent to the property within an easement or right-of-way, and the regional sewage system has available capacity.
3. Single-family lots created between April 1, 1982 and December 16, 2014 shall comply with the following:
  - a. Each on-site sewage treatment and disposal system shall be located on a lot.
  - b. Each lot shall have a usable minimum area of one-half acre per unit when the development is serviced by a private well.
  - c. Each lot shall have a usable minimum area of one-third acre per unit when the development is serviced by a regional water supply system.
  - d. The septic tank must be set back 75 feet from a drinking water well and 50 feet from irrigation well.
4. New subdivisions for single-family dwellings, on lots of a minimum one acre of usable upland area if a regional sewage system collection or transmission line with sufficient available capacity does not exist within one-quarter mile of the development as accessed via public easements or rights-of-way, and the regional sewage system does not have available capacity. For purposes of this section, the term "usable upland area" shall not include:
  - a. Street rights-of-way.
  - b. Drainage easements.
  - c. Utility easements, except those allowing only overhead wires.
  - d. Wetlands.
  - e. Streams, lakes or similar bodies of water.
5. Any new residential or nonresidential use outside the primary urban service district on a lot of a minimum one acre of usable upland area per unit shall be in compliance with the following:
  - a. For any use, the allowed potable water demand must match the allowed sewage flow. Allowed flows for potable water cannot exceed allowed flows for sanitary sewage and vice versa. The potable water demand shall be calculated in accordance with the Standards for On-Site Sewage Treatment and Disposal Systems, of the State of Florida Department of Health, Chapter 64E-6, Florida Administrative Code.
6. Nonresidential use of On-site Sewage Treatment and Disposal Systems. On-site sewage treatment and disposal systems can serve nonresidential uses when a regional sewage system is not available. In addition, the use must be determined by the Florida Department of Health not to constitute a high expected failure rate.

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An on-site sewage treatment and disposal system shall not be approved:

- a. Where an existing sanitary sewer (either government-owned or investor-owned) is available for connection, which means the system: (1) is not under an FDEP moratorium, (2) has adequate hydraulic capacity to accept the quantity of sewage to be generated by the proposed establishment, and (3) complies with the following conditions:
  - (1) For estimated sewage flows of 600 or fewer gallons per day, there is a gravity sewer line in a public easement or right-of-way abutting or within 100 feet of the property, and gravity flow can be maintained from the building drain to the sewer line.
  - (2) For estimated sewage flows of 601 to 1,200 gallons per day, there is a gravity sewer line, force main or lift station in a public easement or right-of-way within 100 feet of the property.
  - (3) For estimated sewage flows of 1,200 to 2,000 gallons per day, there is a gravity sewer line, force main or lift station in a public easement or right-of-way within 500 feet of the property.
- b. For treatment and disposal of industrial, hazardous or toxic wastes;
- c. For onsite sewage treatment and disposal systems in excess of 2,000 gpd flows within the PUSD.

*Policy 10.2A.8.* The following standards shall apply to all on-site sewage treatment and disposal system installations:

1. No onsite sewage treatment and disposal system shall exceed a total site buildout flow of 2,000 gpd, except as described below and in Policy 4.13A.8(5). Total site buildout shall be as determined by the Florida Department of Health.
2. All on-site sewage treatment and disposal systems shall be designed, located and installed in accordance with the "Standards for On-Site Sewage Treatment and Disposal Systems," State of Florida Department of Health, Chapter 64E-6, Florida Administrative Code or as required by the goals, objectives and policies of this element, whichever is the more restrictive.
3. On-site sewage treatment and disposal systems (including the drainfield) shall not be located within ten feet of designated upland preserve areas.
4. The property owner shall be responsible for assuring adequate drainage so adjacent parcels will not be adversely affected.
5. When a parcel of land is located on or surrounding a water body or wetland, the on-site sewage treatment and disposal system shall be placed on the side of the parcel farthest from and at least 75 feet from the water body or wetland. This requirement shall be designated on the final plat of any approved subdivision located on or surrounding a water body or wetland. In the case of a lot of record created prior to April 1, 1982, the requirement set forth in this subsection shall be waived in cases of severe hardships. The Growth Management Department director may approve such a waiver in writing upon a finding that requiring the 75-foot setback would prevent any reasonable use of the lot and upon an affirmative recommendation of the Florida Department of Health. A severe hardship does not exist if the building(s), driveways or other features on the property can be moved and still comply with all the current codes.
6. Each on-site sewage treatment and disposal system tank utilized must be equipped with an on-site sewage treatment and disposal system effluent filter. These filters must be

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maintained by the property owner and must remain in service for the life of the on-site sewage treatment and disposal system. A list of approved filters is available at the Florida Department of Health.

7. The installation of an on-site sewage treatment and disposal system shall not be permissible when the use is determined by the Florida Department of Health to constitute a high expected failure level.
8. On-site sewage treatment and disposal systems shall be set back a minimum of 15 feet from the design high-water line of a retention or detention area designed to contain standing or flowing water for less than 72 hours after a rainfall, or the design high-water level of normally dry drainage ditches or normally dry individual lot stormwater retention area.
9. For on-site sewage treatment and disposal systems outside the Primary Urban Service District the BCC may waive the 2,000 gpd limitation set forth in Policy 10.2A.8.1 above, to the extent necessary for nonresidential or agricultural uses permitted by the future land use designation and zoning district, but in no event shall the waiver allow total site buildout flows to exceed 5000 gpd.
  - a. In order to obtain a waiver of Policy 10.2A.8.1, a person must submit an application in a form prescribed by the County Administrator. The application must contain a concise statement by the applicant detailing the circumstances that justify a waiver of the 2,000 gpd flow limitation. The application must also contain written concurrence from the Florida Department of Health that the use to be served requires a system greater than 2,000 gpd total site buildout flow, but the system does not exceed 5,000 gpd total site buildout flow.
  - b. The waiver shall not be granted unless the Board determines that:
    1. The proposed system meets all criteria required by the Florida Department of Health.
    2. The system has been located to protect wetlands, wellfields, water bodies, drainage facilities or other surface waters, to the maximum extent practicable. For on-site sewage treatment and disposal systems adjacent to wetlands, wellfields, water bodies, drainage facilities and other surface waters, a minimum setback of 200 feet has been provided.
  - c. In granting the waiver, the Board may prescribe any appropriate maintenance conditions.
  - d. In granting the waiver, the Board's decision shall be based upon the particular circumstances of the application and shall not constitute a precedent for other waiver applications.

*Policy 10.2A.9.* The following standards shall apply to all on-site sewage treatment and disposal systems that require repair or replacement:

1. Each existing on-site sewage treatment and disposal systems must be equipped with an on-site sewage treatment and disposal system effluent filter. These filters must be maintained by the property owner and must remain in service for the life of the on-site sewage treatment and disposal system. A list of approved filters is available at the Florida Department of Health.
2. If the existing on-site sewage treatment and disposal system is located within 75 feet of a water body or wetland, the effluent disposal portion of the system must be relocated to at least 75 feet from the water body or wetland. If potable water wells, property size, or other similar site restraints exist that prevent the relocation of the effluent disposal system to the

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proper setback, then the effluent disposal system must be moved as far as possible from the water body or wetland, as approved by the Florida Department of Health.

**Goal 10.3.** Martin County shall ensure that all County actions regarding water and wastewater policies, procedures and programs support, maintain and further a safe, healthy and ecologically balanced St. Lucie River Estuary and Indian River Lagoon, and Loxahatchee River watershed.

*Objective 10.3.A.* Martin County shall consider changes to Comprehensive Plan policies and the Land Development Regulations regarding OSTDS and regional sewage facilities to ensure that its policies and regulations are consistent with state-of-the-art knowledge and policies to achieve the County's goal of clean water and fiscal efficiency.

*Policy 10.3A.1.* Martin County shall monitor the research results produced by the Florida Department of Health's, on-going six-year, \$5.1 million "Florida Onsite Sewage Nitrogen Reduction Strategies Study," the Department of Health's planned research into the effectiveness of effluent filters, the performance and management of advanced onsite systems, drip irrigation disposal of septic tank effluent, the life expectancy of onsite systems; as well as research being conducted by other public agencies and universities regarding contamination of water resources from OSTDS and methods to avoid it.

*Policy 10.3A.2.* Martin County shall complete its own \$280,000 study in an attempt to document the extent to which OSTDS are contributing contamination to the County's surface water resources and modifies its policies and practices as a result of the research findings.

*Policy 10.3A.3.* The Martin County Utilities and Solid Waste Management Department, Growth Management Department and the Engineering Department shall synthesize contemporary research findings and periodically report such findings to the Board of County Commissioners for formulation, maintenance or modification of OSTDS and regional sewage service goals, objectives and policies to protect public health and the natural environment, and to advance the future land use goals of the Comprehensive Plan, to the greatest extent feasible.

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Adopted:	February 20, 1990	By Ordinance No. 373
Amended:	July 9, 1991	By Ordinance No. 400
Amended:	October 27, 1992	By Ordinance No. 419
Amended:	October 26, 1993	By Ordinance No. 430
Amended:	November 29, 1994	By Ordinance No. 450
Amended:	December 15, 1998	By Ordinance No. 537
Amended:	September 28, 1999	By Ordinance No. 555
Amended:	May 24, 2005	By Ordinance No. 668
Amended:	December 11, 2007	By Ordinance No. 778
Amended:	December 11, 2007	By Ordinance No. 779
Amended:	December 11, 2007	By Ordinance No. 781
Amended:	December 11, 2007	By Ordinance No. 782
Amended:	February 12, 2008	By Ordinance No. 787
Amended:	December 16, 2009	By Ordinance No. 840
Amended:	December 16, 2009	By Ordinance No. 851
Amended:	August 10, 2010	By Ordinance No. 870
Amended:	January 10, 2012	By Ordinance No. 907
Amended:	July 10, 2012	By Ordinance No. 914

Chapter 11 POTABLE WATER SERVICES ELEMENT/10 YEAR WATER SUPPLY FACILITIES WORK PLAN

Amended:	December 16, 2014	By Ordinance No. 965
Amended:	December 20, 2015	By Ordinance No. 984
Amended:	July 25, 2017	By Ordinance No. 1025
Amended:	August 22, 2017	By Ordinance No. 1032
Amended:	February 27, 2018	By Ordinance No. 1057

[Section 11.0. Introduction.](#)

[Section 11.1. Background information.](#)

[Section 11.2. Existing Conditions](#)

[Section 11.3. Future Needs Data and Analysis](#)

[Section 11.4. Consolidated Water System](#)

[Section 11.5. Goals, Objectives and Policies](#)

**Section 11.0. Introduction.**

The purpose of the Martin County Water Supply Facilities Work Plan (Work Plan) is to identify and plan for the water supply sources and facilities needed to serve existing and new development within its jurisdiction, Chapter 163, Part II, Florida Statutes (F.S.), requires local governments to prepare and adopt Work Plans into their comprehensive plans within 18 months after the South Florida Water Management District (District) approves a regional water supply plan or its update. The 2016 Upper East Coast Regional Plan Update was approved by the District's Governing Board on March 10, 2016. Therefore, the deadline for local governments within the Upper East Coast Regional Water Supply Planning Region to amend their comprehensive plans to update the Work Plan is September 10, 2017. Residents of the Martin County obtain their water from five regional water suppliers including Martin County Consolidated System, Sailfish Point, City of Stuart, Indiantown Water Company, and South Martin Regional, which are responsible for ensuring enough capacity is available for existing and future customers. The Work Plan will reference the initiatives already identified to ensure adequate water supply for Martin County. According to state guidelines, the Work Plan and the comprehensive plan must address the development of traditional and alternative water supplies, service delivery and conservation and reuse programs necessary to serve existing and new development for at least a 10-year planning period. The Work Plan will have a planning time schedule consistent with the comprehensive plan and the Upper East Coast Regional Water Supply Plan Update. The Work Plan is divided into five sections: Section 11.0 - Introduction Section 11.1 - Background Information Section 11.2 - Existing Conditions Section 11.3 - Data and Analysis Section 11.4 - Consolidated Water System Work Plan Projects/Capital Improvement Element/Schedule Section 11.5 - Goals, Objectives, and Policies

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- 11.0A. *Statutory History.* The Florida Legislature enacted bills in the 2002, 2004, 2005, and 2011 sessions to address the state's water supply needs. These bills, in particular Senate Bills 360 and 444 (2005 legislative session), significantly changed Chapters 163 and 373, F.S. by strengthening the statutory links between the regional water supply plans prepared by the water management districts and the comprehensive plans prepared by local governments. In addition, these bills established the basis for improving coordination between local land use planning and water supply planning.
- 11.0B *Statutory Requirements.* Martin County has considered the following statutory provisions when updating the Water Supply Facilities Work Plan (Work Plan):
1. Coordinate appropriate aspects of its comprehensive plan with the Upper East Coast Regional Water Supply Plan [163.3177(4)(a), F.S.].
  2. Ensure the future land use plan is based upon availability of adequate water supplies and public facilities and services [s.163,3177 (6) (a), F.S.]. Data and analysis demonstrating that adequate water supplies and associated public facilities will be available to meet projected growth demands must accompany all proposed Future Land Use Map amendments submitted for review.
  3. Ensure that adequate water supplies and potable water facilities are available to serve new development no later than the issuance by the local government of a certificate of occupancy or its functional equivalent and consult with the applicable water supplier to determine whether adequate water supplies will be available to serve the development by the anticipated issuance date of the certificate of occupancy [s. 163.3180 (2), F.S.].
  4. For local governments subject to a regional water supply plan, revise the General Sanitary Sewer, Solid Waste, Drainage, Potable Water, and Natural Groundwater Aquifer Recharge Element (the "Infrastructure Element"), within 18 months after the water management district approves an updated regional water supply plan, to:
    - a. Identify and incorporate the alternative water supply project(s) selected by the local government from projects identified in the Upper East Coast Regional Water Supply Plan, or alternative project(s) proposed by the local government under s. 373.709(8)(b), F.S. [s. 163.3177(6)(c), F.S.];
    - b. Identify the traditional and alternative water supply projects and the conservation and reuse programs necessary to meet water needs identified in Upper East Coast Regional Water Supply Plan [s. 163.3177(6)(c)3, F.S.]; and
    - c. Update the Work Plan for at least a 10-year planning period for constructing the public, private, and regional water supply facilities identified in the element as necessary to serve existing and new development [s. 163.3177(6)(c)3, F.S.].
  5. Revise the Five-Year Schedule of Capital Improvements to include water supply, reuse, and conservation projects and programs to be implemented during the five-year period [s. 163.3177(3)(a)4, F.S.].
  6. To the extent necessary to maintain internal consistency after making changes described in Paragraph 1 through 5 above, revise the Conservation Element to assess projected water needs and sources for at least a 10-year planning period, considering the Upper East Coast Water Supply Plan, as well as applicable consumptive use permit(s) [s.163.3177 (6) (d), F.S.]. The plan must address the water supply sources necessary to meet and achieve the existing and projected water use demand for the established planning period, considering the applicable regional water supply plan [s.163.3167(9), F.S.].
  7. To the extent necessary to maintain internal consistency after making changes described in Paragraphs 1 through 5 above, revise the Intergovernmental Coordination Element to ensure coordination of the comprehensive plan with the Upper East Coast Regional Water Supply Plan [s.163.3177 (6) (h) 1., F.S.].



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8. While an Evaluation and Appraisal Report is not required, local governments are encouraged to comprehensively evaluate, and as necessary, update comprehensive plans to reflect changes in local conditions. The evaluation could address the extent to which the local government has implemented the need to update their Work Plan, including the development of alternative water supplies, and determine whether the identified alternative water supply projects, traditional water supply projects, and conservation and reuse programs are meeting local water use demands [s.163.3191 (3), F.S.].

**Section 11.1. Background information.**

11.1.A. *Overview.* The availability of potable water is one of the major determinants of growth in Martin County. Water must be provided in an economical and environmentally sensitive way that responds to the needs of residents. Water demand is a function of population distribution and density, so it must be carefully monitored and properly planned for. This requires the County to closely coordinate the pace of development with its ability to provide water to serve the anticipated population growth. The County recognizes that providing water for its growing population must not impede the quality or quantity of surface and groundwater supplies.

The 1982 Comprehensive Growth Management Plan (CGMP) included several objectives relating to water quality, use and supply development. Meeting those objectives included the following steps: updating the Water Master Plan, which is the framework for the County's provision of water services; incorporating water and sewer system design standards into the Land Development Regulations; establishing a public utilities department to expand review of water and wastewater system components; and passing the Potable Water Ordinance and the Wellfield Protection Ordinance.

The Water Master Plan was prepared in two phases. Phase I covered the Jensen Beach/Rio/Sewall's Point/Hutchinson Island area, served by the Martin County North System, and the Palm City area, served by Martin Downs Utilities. Phase II targeted the rest of the County, served by several large private utilities regulated by the Florida Public Service Commission. After development of Phase I but before Phase II, the South Florida Water Management District (SFWMD) prepared a water resource assessment study that provided additional data for County water planning activities. Phase II incorporated the Phase I document, and the consolidated Water Master Plan was adopted in October 1988.

The County's water system consisted of a combination of public and private systems, and the Water Master Plan recommended consolidation for better management of potable water supplies. Other recommendations included development of new wellfields and participation in the abandoned well plugging program of the SFWMD, as well as conservation efforts. These recommendations were considered throughout the planning process and used as guidelines to help meet the requirements of Florida Administrative Code rule 9J-5, which identified minimum criteria for local government comprehensive plans. The Potable Water Ordinance was adopted in 1995 and the Wellfield Protection Ordinances in 1993 and 1994. They were codified into the Land Development Regulations, and the system was then consolidated into the Martin County Consolidated Water System.

In 2001 the Martin County Utilities and Solid Waste Management Department updated the Water Master Plan to reflect the future water and wastewater needs of the entire service area. That update was the basis for a 10-year master plan that includes build-out scenarios of the current service area. It also identifies capital improvement projects that would meet the ultimate needs of the entire service area of the Martin County Consolidated Water System. The master plan, re-titled Martin County Utilities Master Plan, was again updated in 2007. The most recent master plan update efforts include Martin County Utilities Wastewater and Reclaimed Water Master Plan Update (2014) and Martin County Utilities Water Supply System Master Plan Update (2015).

Potable water is one component of the water supply system. The SFWMD Upper East Coast Water Supply Plan includes the following components of water supply in the region: public water supply, domestic self-supply, commercial/industrial self-supply, recreational self-supply, thermoelectric power generation

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self-supply and agricultural self-supply. This Chapter focuses on meeting the public water supply and domestic self-supply demand for Martin County.

11.1B *Relevant Regional Issues.* Overarching regional issues identified in the 2016 Upper East Coast Regional Water Supply Plan are:

- i) Increased withdrawals from the SAS are limited due to potential impacts on wetlands as well as increased potential for saltwater intrusion.
- ii) Additional surface water will not be allocated from the SFWMD C-23, C-24, and C-25 canals, or any connected canal systems that derive water supply from these District canals, over and beyond existing allocations.
- iii) Extreme freshwater discharges are affecting the health of the St. Lucie River and Estuary and southern Indian River Lagoon.
- iv) Surface water users within the Lake Okeechobee Service Area (LOSA) have only a water supply level of certainty in a 1-in 6 year drought.

(ref. 2016 Upper East Coast Water Supply Plan Update, Planning Document, Chapter 1 p.9)

Martin County has wetland and groundwater protection policies in place and is committed to reduce reliance on the SAS and/or monitor and operationally manage any potential impacts to wetlands and chloride levels in accordance with the Upper East Coast Water Supply Plan and SFWMD Consumptive Use Permits.

### Section 11.2. Existing Conditions

11.2.A. *Potable water supply and quality.* Two major aquifers serve Martin County: the Surficial Aquifer System (SAS) (nonartesian), 15 to 150 feet below the land surface, and the Floridan Aquifer System (FAS) (artesian), 600 to 1,500 feet below the land surface. Both aquifers yield water to wells in Martin County. Water from the FAS is used for irrigation and stock watering, and with advanced treatment, for potable water. Approximately half of the water used in Martin County is obtained from the SAS with projected increase in FAS use in the future.

Chemical analysis of water samples from Martin County indicate that water from the SAS is generally of good quality. It contains some iron (1 to 4 milligrams per liter). Water from the FAS is mineralized with chloride salt and requires advanced water treatment to be used as potable. Contamination of the surficial potable water supply can result from saltwater intrusion, leaky underground storage tanks, spills of hazardous or toxic substances, and free-flowing or leaking artesian wells that commingle Floridan water with surficial water. Saltwater intrusion has occurred in some coastal areas of Martin County. Further discussion of water quality and groundwater contamination is detailed in Chapter 13, Drainage and Natural Groundwater Aquifer Recharge.

11.2.B. *Potable water facilities.* Martin County residents obtain potable water from a variety of water systems, both public and private (domestic self-supply). Each system operates with at least one production well. Several large capacity systems employ multiple wells. Presently five (5) of these systems are regional, designed to serve large areas and denser populations in Martin County, including Martin County Consolidated System, Sailfish Point, City of Stuart, Indiantown Water Company, and South Martin Regional. Martin Correctional Institution is currently served by the City of Port St. Lucie Utilities. The Village of Tequesta and Town of Jupiter are regional utility systems are part of the Lower East Coast Water Supply Planning Area and are not included in this water supply facilities work plan.

Given that Martin County's Water Supply System Master Plan Update and Wastewater and Reclaimed Water Master Plan Update recommend consolidation of the water systems network for more effective management of water supplies, County policy encourages the use of regional water service for new development.

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Private wells are not permitted except for single-family units on lots of at least one-half acre, agricultural or testing uses, existing lots of record and churches, with the condition that the use be connected to a regional utility if the utility's water main abuts the property. Interim water systems (any water treatment/supply system approved for use until connection to a regional system is mandated) are allowed if the developer meets a series of conditions. However, within the Primary Urban Service District, any development within 150 feet of the lines of a regional system is required to connect to that system. Extension of water service to the Secondary Urban Service District is not allowed.

Consequently, Martin County's planning has focused on the regional systems that will serve much of the County's population in the future. Tables 11-1 through 11-5 show water usage for the five existing regional systems as described in the 2016 Upper East Coast Water Supply Plan.

11.2.C. *Public water supply (PWS) and domestic self-supply (DSS) water use in Martin County (average rainfall conditions).* In 2013 the regional water systems operating in Martin County had a raw water demand of 20.61 million gallons per day (MGD). Domestic self-supply systems had a raw water demand of 1.10 MGD. Martin County's 2013 public water supply demand historical total was 21.71 MGD for all public water and domestic self-supplied demands under average conditions. It is projected that Martin County's total average raw water supply demand, for regional facilities (24.27 MGD) and domestic self-supply (0.58 MGD), will be 24.85 MGD in 2030. [ref. SFWMD 2016 Upper East Coast Water Supply Plan Update Appendices, Table A-4].

All public water systems are regulated by the FDEP and are required to meet drinking water standards stipulated in Florida Administrative Code Chapter 62-550. The standards cover a wide range of contaminants, including metals, nitrate, organic compounds and bacteria. If surficial aquifer raw water meets all the standards, usually disinfection is the only treatment required. This is true for most of the County's smaller community systems. In Martin County, surficial aquifer raw water normally meets all standards except for iron. Ion exchange, softening and aeration are the most common methods for iron control. Losses in water volume through treatment of the surficial aquifer are relatively low. Reverse osmosis membranes, however, are used to treat the brackish waters of the Floridan aquifer. Consequently treatment losses increase to approximately 20 percent. Treatment technologies and efficiencies define the difference between raw water withdrawn from the aquifer and finished water distributed to users as discussed in this Chapter.

All domestic self-supply water systems draw from the surficial aquifer, and each has at least one well. Regional systems draw from either the surficial aquifer (City of Stuart and Indiantown), the Floridan aquifer (Sailfish Point) or from both the surficial and Floridan aquifers (Martin County Consolidated System and South Martin Regional).

To assure the safety of Martin County's public wellfields, the County has adopted Wellfield Protection Regulations that apply to all public water supply wellfields. The Regulations prohibit any activities involving hazardous waste and any effluent discharge within 500 feet of a well. Septic tanks and stormwater retention ponds are prohibited within 200 feet of a public well. The Regulations reflect actual drawdown zones and refined enforcement strategies.

11.2.D. *Issues in potable water management.* Water issues emerging from current conditions in Martin County are as follows (not in priority order):

- (1) The number and proximity of community wells, non-community systems and unregulated agricultural wells results in unmanaged withdrawal of water from the surficial aquifer.
- (2) Unmanaged withdrawals can lower the water table and harm the environment, and they may cause isolated saltwater intrusion.
- (3) Poorly maintained and operated systems diminish water quality. The cost of upgrading facilities may lead to abandonment of some systems.
- (4) Contamination of groundwater results from saltwater intrusion, leaking Floridan wells, leaking underground storage tanks, agricultural pollution and contaminated industrial wells and septic tanks.

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- (5) Increasing demand for water requires conservation by all users.
- (6) Increasing demand for water requires increased use of reclaimed water for irrigation through permitted use of all reclaimed water and regional reclaimed system interconnection. A reclaimed water interlocal agreement was executed between Martin County and the City of Stuart in October 2011, providing the County with 0.375 MGD of additional reclaimed water.
- (7) The surficial aquifer has withdrawal limitations.
- (8) Wellfields in drawdown zones could be contaminated from unregulated disposal or spills of hazardous or toxic materials.

The County expanded the wellfield protection program in 1993 to include the following:

- (1) Determination and mapping of the projected cones of depression and zones of influence for (a) existing and future wellfields of all public potable water supply wells meeting the definitions set forth in the Wellfield Protection Regulations, and (b) existing and future wells operated outside the service areas for regional utilities as described in the Wellfield Protection Regulations;
- (2) Regulation of the use, handling, production or storage of regulated materials (e.g., hazardous and toxic materials) within the projected cones of depression of the wellfield;
- (3) Determination and prohibition, if necessary, of inappropriate land uses within the zones of influence;
- (4) Structural containment standards for regulated materials (e.g., hazardous and toxic materials);
- (5) Requirements for installation of monitoring wells;
- (6) Procedures for permitting, monitoring, emergency reporting, cleanup, personnel training and material inventory;
- (7) Establishment of financial responsibility for noncompliance with the conditions of the permit and/or for cleanup of regulated material spills;
- (8) Procedures that set forth specific conditions to be incorporated in development orders;
- (9) Development of a database to monitor existing and future land uses in drawdown zones; and
- (10) Determination of specific enforcement strategies for various areas within drawdown zones.

The Wellfield Protection Regulations protect all public wells currently in use from potential adverse impacts by regulating all new development in unincorporated areas. The Regulations have been revised to protect existing and future wellfields of all public potable water supply wells meeting the definitions set forth in the Regulations by regulating all development within the Wellfield Protection Zones in Martin County.

### **Section 11.3. Future Needs Data and Analysis**

11.3.A. *Water Supply Population Estimates 2013 to 2040.* The SFWMD has developed population estimates for Martin County regional utilities (Table 11.01). These estimates were based on work completed to establish SFWMD 2010 populations, the 2014 Land Use Update (data from 2012), current (2013) and future (2040) utilities service area maps (Figures 1 and 2), and growth plans for local governments as well as PWS utilities. Population projections for 2014 were developed from planned growth areas identified in the 2040 service area maps. Five-year incremental projections for each utility were based on a linear interpolation of the change in population from the 2010 census and 2013 estimates through 2040 (BEBR 2014) using adjusted medium BEBR populations. It was assumed that all populations outside of PWS service areas had self-supplied potable water. (ref. 2016 Upper East Coast Water Supply Plan Appendices: Appendix A, p. 4)

Table 11.01  
Martin County PWS and DSS Water Supply Population Projections 2013 to 2040

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	2010	2013	2015	2020	2025	2030	2035	2040
Indiantown Company	6,374	6,507	6,595	6,944	7,257	7,545	7,780	8,181
Jupiter, Town of	2,155	2,161	2,165	2,175	2,185	2,195	2,205	2,215
Martin County Consolidated System	86,535	88,887	90,802	97,339	102,661	106,925	110,074	112,572
Sailfish Point	1,002	1,002	1,002	1,002	1,002	1,002	1,002	1,002
South Martin Regional Utility	19,877	23,629	24,064	25,151	26,238	27,326	28,413	29,500
Stuart, City of	15,603	16,841	17,149	17,919	18,689	19,460	20,230	21,000
Tequesta, Village of	4,011	4,095	4,150	4,370	4,567	4,748	4,896	5,030
PWS Total	135,557	143,122	145,927	154,900	162,599	169,201	174,600	179,500
DSS Total	10,761	7,588	5,473	4,500	4,000	4,000	4,000	4,000
Martin Total	146,318	150,710	151,400	159,400	166,599	173,201	178,600	183,500

(Ref. 2016 Upper East Coast Water Supply Plan, Appendix A, p.4, Table A-1)

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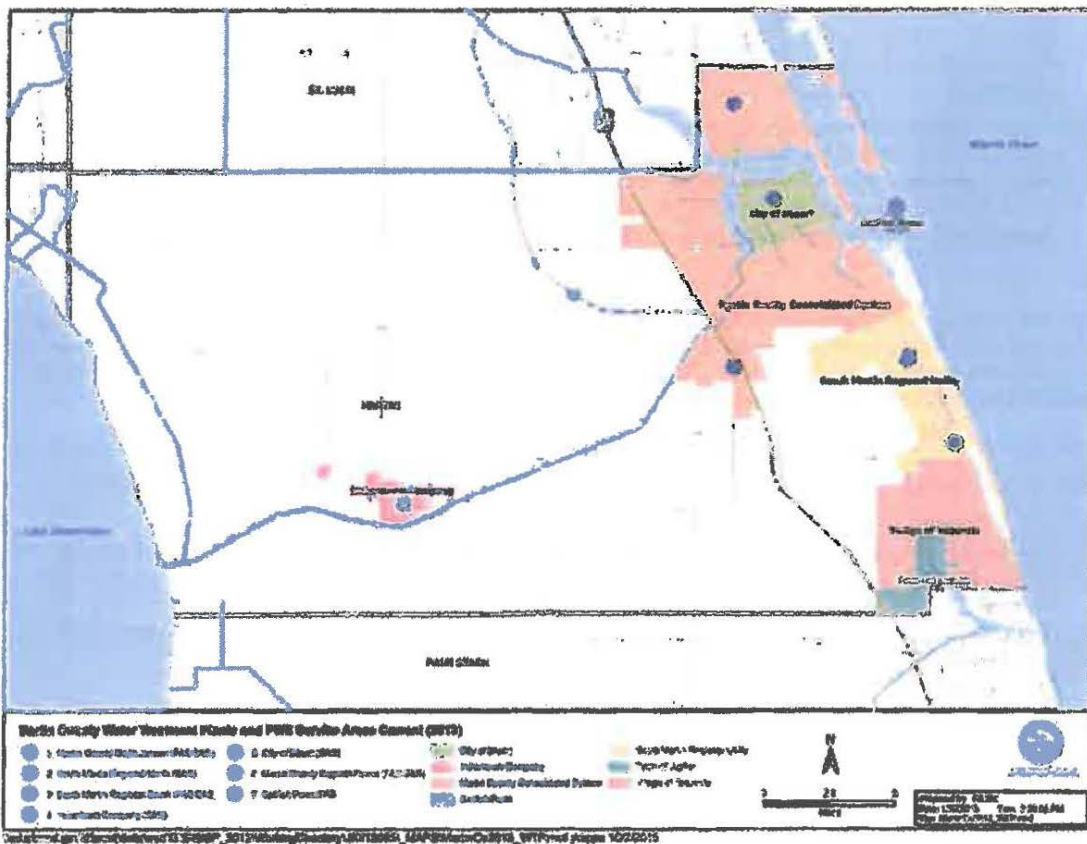
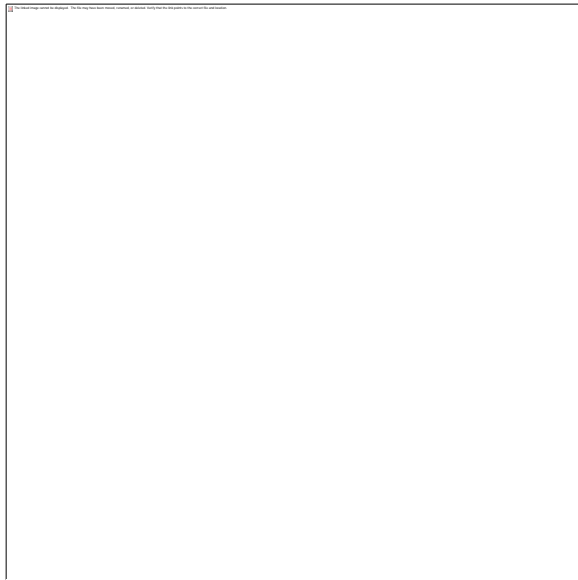


Figure 1: 2013 Potable Water Treatment Facilities in Martin County (UECWSP Appendix E, Figure E-1, p. 104)

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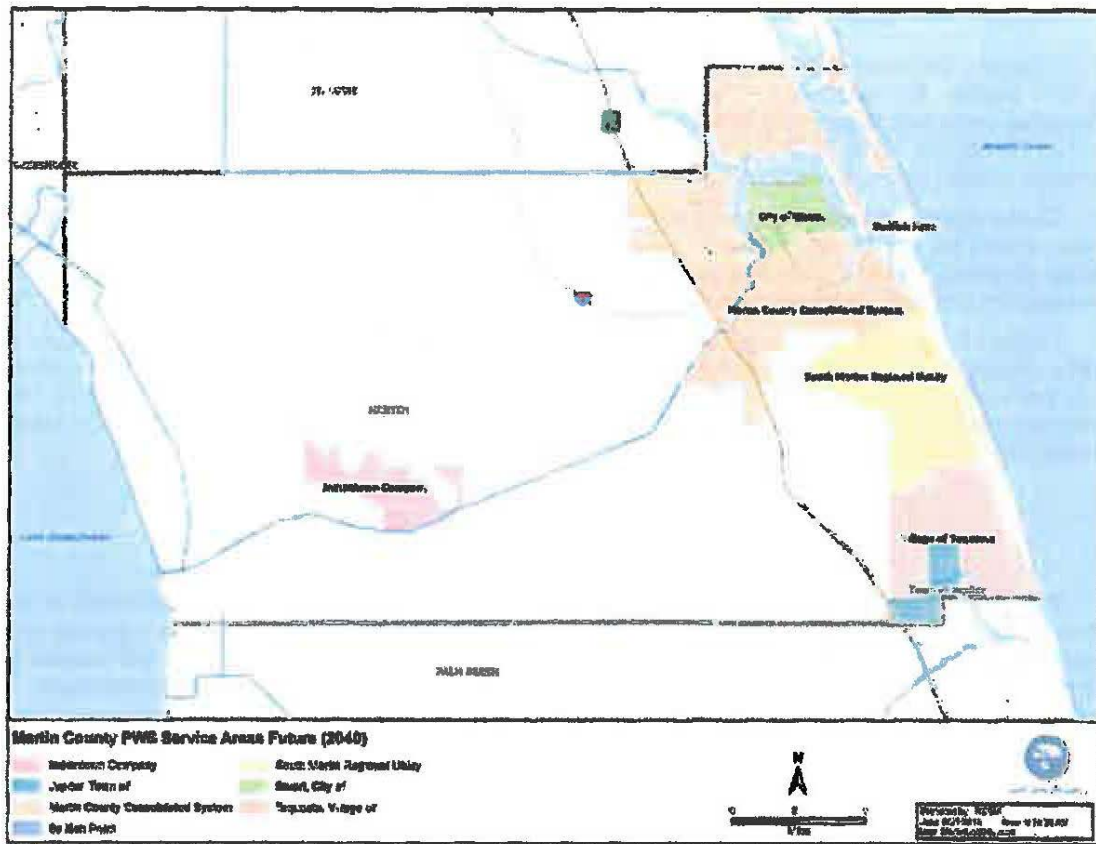
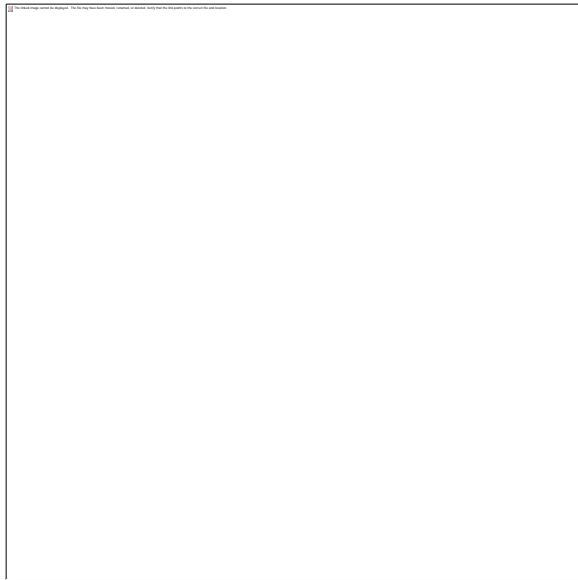


Figure 2: 2040 Utility Service Areas in Martin County (UECWSP Appendix E, Figure E-2, p. 104)

11.3.B. Public water supply and domestic self-supply projected demand. Martin County's PWS finished water demand from regional systems and the estimated demand for DSS systems for 2013 and 2030

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under average conditions is shown in Table 11.02. Demand for domestic self-supply systems is projected to fall as more households connect to regional systems.

**Table 11-02  
Regional Systems Finished Public Water Demand in Martin County**

Year	2013	2030
Public Water Supply Finished Water Demand (MGD)	17.73	20.85
Domestic Self-Supply Water Demand (MGD)	1.10	0.58
Total PWS and DSS Finished Water Demand (MGD)	18.83	21.43

(ref. SFWMD 2016 Upper East Coast Water Supply Plan Update Appendices Table A-6).

However, the increase in demand indicated in the projections does not increase the demand on the surficial aquifer. By connecting domestic self-supply systems to regional utilities and implementing alternative water supply projects, much of the demand is shifted from the surficial aquifer to the Floridan aquifer. Reclaimed water projects (also considered alternative water supply projects) contribute to the recharge needed for the surficial aquifer.

Conservation efforts are needed to effectively manage Martin County water resources. With prudent management, the County has sufficient water to meet its future needs. The County has implemented a variety of efforts to avoid depleting the resource. These include a wellfield protection program, water conservation program, water shortage requirements and a rate structure that encourages conservation.

Tables 11-1 through 11-5 summarize the projected demands for each public water supply system in Martin County. This information corresponds to the 2016 Upper East Coast Water Supply Plan Update. Note that Martin Correctional Institution was connected to the City of Port St. Lucie Utilities in 2010. The estimated population of the Towns of Ocean Breeze and Sewell's Point, located in unincorporated Martin County, are served by the Martin County Consolidated System.

**Table 11-1  
Indiantown Company**

The Indiantown Company service area includes the unincorporated Indiantown properties in the Primary Urban Service District and the Indiantown Golf and Country Club. Potable water supplies are 100 percent from the SAS, and are projected to remain the same in the future. The utility is reusing 100% (0.57 MGD) of its wastewater.

Description	2013 (Existing)	2020 (Projected)	2030 (Projected)
Population†	6,507	6,944	7,545



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Average 2010-2013 Per Capita (gallons per day (GPD) finished water)	79	79	79
Potable Water Demand (daily average annual finished water, MGD)	0.51	0.55	0.60
Potable Water Source	Permit No. 43-00041-W (expires 2029)		
Surficial Aquifer System (SAS)	1.18		
Florida Aquifer System (FAS)	0.00		
Total Allocation	1.18		
Permitted Capacity by Source	FDEP Potable Water Treatment Capacity (MGD) (PWS ID# 4430667)		
Facility & Projects Capacity—SAS, MGD++	1.3	1.3	1.3
Facility & Projects Capacity—FAS, MGD++	0.0	0.0	0.0
Total Capacity	1.30	1.30	1.3
Non-Potable Water Facility & Projects Capacity- Reclaimed water++, MGD	0.75	0.75	0.75

† Population data are from the SFWMD's 2016 Upper East Coast Water Supply Plan Update Proposed Population Projections.

++ Facility Production Capacity: FDEP Facility design capacity plus water supply projects design capacities.

**Table 11-2**  
**Martin County Consolidated Water System**  
 (North and Tropical Farms water treatment plants)

The service area for the Martin County Consolidated Water System consists of the unincorporated areas of Jensen Beach, Palm City, South Hutchinson Island, Tropical Farms, and Port Salerno; portions of the incorporated City of Stuart; and Ocean Breeze Park and Sewall's Point. Based on plant capacity, water supplies consist of 28 percent traditional groundwater (surficial aquifer) and 72 percent brackish

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groundwater (Floridan aquifer). Future water supplies are projected to maintain about 30 percent traditional and 70 percent alternative water supplies.

Description	2013 (Existing)	2020 (Projected)	2030 (Projected)
Population†	88,887	97,339	106,925
Per Capita (gallons per day (GPD) finished water 1	108	108	108
Potable Water Demand (daily average annual finished water, MGD)	9.60	10.5	11.5
Potable Water Source	Permit No. 43-00102-W (expires 2035)		
Surficial Aquifer System (SAS), MGD	6.68		
Florida Aquifer System (FAS), MGD	15.09		
Total Allocation	21.77		
Permitted Capacity by Source	FDEP Potable Water Treatment Capacity (MGD) (PWS ID# 4431891)		
Facility & Projects Capacity—SAS, MGD++	5.3	5.3	7.05
Facility & Projects Capacity—FAS, MGD++	13.50	13.50	15.70
Total Capacity	18.8	18.8	22.75
Non-Potable Water Facility & Projects Capacity—Reclaimed water++, MGD	8.66	8.66	8.66

† Population data are from the SFWMD's 2016 Upper East Coast Water Supply Plan Update Planning Document p. 129-133.

1 Ref. Martin County Water & Wastewater Plant Flows and Treatment Capacity Report, February 2017

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++ Facility Production Capacity: FDEP Facility design capacity plus water supply projects design capacities. Ref. Martin County Utilities Water Supply System Master Plan Update (2015) and Martin County Utilities Wastewater and Reclaimed Water Master Plan (2014)

**Table 11-3  
Sailfish Point**

Sailfish Point serves potable water to only the Sailfish Point development on Hutchinson Island. Water supplies consist of 100 percent brackish (FAS) groundwater and are projected to remain the same in the future. The utility is reusing 100% (0.08 MGD) of its wastewater.

Description	2013 (Existing)	2020 (Projected)	2030 (Projected)
Population†	1,002	1,002	1,002
Average 2010-2013 Per Capita (gallons per day (GPD) finished water)	150	150	150
Potable Water Demand (daily average annual finished water, MGD)	0.15	0.15	0.15
Potable Water Source	Permit No. 43-00146-W (expires 2022)		
Surficial Aquifer System (SAS)	0.00		
Florida Aquifer System (FAS)	0.22		
Total Allocation	0.22		
Permitted Capacity by Source	FDEP Potable Water Treatment Capacity (MGD) (PWS ID# 4434000)		
Facility & Projects Capacity—SAS, MGD++	0.0	0.0	0.0
Facility & Projects Capacity—FAS, MGD++	0.22	0.22	0.22
Total Capacity	0.22	0.22	0.22
Non-Potable Water Facility & Projects Capacity—Reclaimed water++, MGD	0.25	0.25	0.25

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† Population data are from the SFWMD's 2016 Upper East Coast Water Supply Plan Update.

++ Facility Production Capacity: FDEP Facility design capacity plus water supply projects design capacities.

**Table 11-4  
South Martin Regional Utility**

South Martin Regional Utility (SMRU) serves the Town of Jupiter Island, Hobe Sound vicinity and portions of unincorporated southeast Martin County. Water supplies consist of 75 percent traditional SAS groundwater and 25 percent brackish FAS groundwater. Future water supplies are projected to be about 59 percent traditional and 41 percent FAS in the future, SMRU reuses 100 percent (0.80 MGD) of its wastewater.

Description	2013 (Existing)	2020 (Projected)	2030 (Projected)
Population†	23,629	25,151	27,326
Average 2010-2013 Per Capita (gallons per day (GPD) finished water)	150	150	150
Potable Water Demand (daily average annual finished water, MGD)	3.54	3.77	4.10
Potable Water Source	Permit No. 43-00066-W (expires 2032)		
Surficial Aquifer System (SAS)	4.83		
Florida Aquifer System (FAS)	4.76		
Total Allocation	8.64*		
Permitted Capacity by Source	FDEP Potable Water Treatment Capacity (MGD) (PWS ID# 4430624)		
Facility & Projects Capacity—SAS, MGD++	6.14	6.14	6.14
Facility & Projects Capacity—FAS, MGD++	2.0	2.0	4.2

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Total Capacity	8.14	8.14	10.34
Non-Potable Water Facility & Projects Capacity—Reclaimed water++, MGD	1.40	1.40	2.40

† Population data are from the SFWMD's 2016 Upper East Coast Water Supply Plan Update.

++ Facility Production Capacity: FDEP Facility design capacity plus water supply projects design capacities.

+ See permit for allocation calculation.

**Table 11-5  
City of Stuart Utilities**

City of Stuart Utilities serves incorporated City of Stuart and portions of unincorporated Martin County. Potable water supplies are 92 percent from the SAS and 8 percent from the FAS: they are projected to be 88 percent SAS and 12 percent FAS in the future. This utility reuses 13 percent (0.21 MGD) of its wastewater.

Description	2013 (Existing)	2020 (Projected)	2030 (Projected)
Population†	16,841	17,919	19,460
Average 2010-2013 Per Capita (gallons per day (GPD) finished water)	196	196	196
Potable Water Demand (daily average annual finished water, MGD)	3.30	3.51	3.81
Potable Water Source	Permit No. 43-00053-W (expires 2029)		
Surficial Aquifer System (SAS)	3.67		
Florida Aquifer System (FAS)	0.00		
Total Allocation	3.67		

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Permitted Capacity by Source	FDEP Potable Water Treatment Capacity (MGD) (PWS ID# 4430259)		
	Facility & Projects Capacity—SAS, MGD++	6.0	6.0
Facility & Projects Capacity—FAS, MGD++	0.50	0.50	0.80
<b>Total Capacity</b>	<b>6.50</b>	<b>6.50</b>	<b>6.80</b>
Non-Potable Water Facility & Projects Capacity—Reclaimed water++, MGD	4.00	4.00	4.00

† Population data are from the SFWMD's 2016 Upper East Coast Water Supply Plan Update.

++ Facility Production Capacity: FDEP Facility design capacity plus water supply projects design capacities.

**Section 11.4. Consolidated Water System**

11.4.A. *Overview.* The Martin County Consolidated Water System consists of two water treatment facilities with an interconnected distribution system which operate under SFWMD Permit No. W-00102-W and FDEP Permit Nos. 00081025-079-WC (North WTP) and 0143244-003-WC (Tropical Farms WTP). It provides potable drinking water to customers in the Martin County Consolidated Water System service area, which serves designated areas in Palm City, Port Salerno, Tropical Farms, Jensen Beach, Hutchinson island and the City of Stuart. Table 11-6 details the existing and future capacities, treatment methods and water sources for the water treatment facilities.

**Table 11-6  
Martin County Consolidated Water System Facilities**

Facilities (Existing)	Source	Permitted Plant Capacity (MGD)	Treatment Method	Well Source
North water treatment plant (WTP)	Traditional supply	3.3	Lime softening	SAS
	Alternative supply	5.5	Reverse osmosis	FAS

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Tropical Farms WTP	Traditional supply	2.0	Membrane softening/iron treatment	SAS
	Alternative supply	8.0	Reverse osmosis	FAS
Total		18.8		

Proposed Facilities (2020)	Source	Permitted Plant Capacity (MGD)	Treatment Method	Well Source
North WTP	Traditional supply	3.3	Lime softening	SAS
	Alternative supply	5.5	Reverse osmosis	FAS
Tropical Farms WTP	Traditional supply	2.0	Membrane softening/iron treatment	SAS
	Alternative supply	8.0	Reverse osmosis	FAS
Total		18.8		

<sup>1</sup> A fifth FAS well is planned for construction in FY20 to reduce demand on existing wells - no increase in plant capacity.

Proposed Facilities (2030)	Source	Permitted Plant Capacity (MGD)	Treatment Method	Well Source
North WTP	Traditional supply	3.3	Lime softening	SAS
	Alternative supply	5.5	Reverse osmosis	FAS

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Tropical Farms WTP	Traditional supply	3.75	Membrane softening/iron treatment	SAS
	Alternative supply	8.0	Reverse osmosis	FAS
Total		20.55		

*Source: Martin County Utilities Water Supply System Master Plan Update, October 2015 (Figure 3-1) and the FY2017 Martin County Utilities Capital Improvement Plan.*

The North WTP provides two types of treatment. The lime softening facility treats the raw water from 12 SAS wells and the reverse osmosis (RO) facility treats water from four FAS wells. The Floridan aquifer contains certain dissolved minerals including chloride that requires reverse osmosis membrane treatment. Following treatment this water is blended with treated surficial aquifer water prior to distribution. The blend provides a stable, non-corrosive potable water that meets all applicable water quality criteria while reducing operational treatment cost and avoiding additional chemical costs. Based on raw water treatment methods, the system wide treatment efficiency is assumed at 86% and includes 8% system wide distribution losses [Water Use Permit No. 43-00102-W. Exhibit No. 5B Martin County Utilities Consolidated System Future Raw Water Use].

The Tropical Farms WTP includes an iron treatment facility and nanofiltration (NF) facility. The iron treatment facility removes iron from raw water pumped from 10 SAS wells for blending with the NF and RO permeate water. The RO facility draws water from 5 FAS wells. One of the fundamental goals of the Consolidate System is to provide similar water quality to all customers through the utilization of similar treatment techniques. In general, this includes a combination of FAS water, membrane softening and raw water blend at each location. [Martin County Utilities Water Supply System Master Plan Update, October 2015].

The existing plant finished water storage facilities at the North WTP include one 5 MG and one 3 MG ground storage tanks that provide a total of 8 MG in storage. At the Tropical WTP, there are two 0.5 MG and one 5 MG storage tank that supply a total of 4.2 MG of finished water storage capacity based on minimum high service pump shutoff level. Only the storage volume above this level or 4.2 MG is included in the finished water capacity for these plants. There is one repump and storage facility not associated with the WTPs that provides system storage and high-service pumping capacity to the consolidated system. The Golden Gate Repump and Storage Facility includes of a 2 MG ground storage tank. [Martin County Utilities Water Supply System Master Plan Update. October 2015].

Martin County Utilities water system is interconnected with South Martin Regional Utilities, City of Stuart, Fort Pierce Utility Authority, Port St. Lucie and the City of Stuart water systems for emergency water supply as reflected in interlocal agreements with each utility. The County also has two additional interlocal agreements with the City of Stuart to 1) supply up to 1 MGD of finished water by 2027 and 2) to receive up to 0.375 MGD of reclaimed water.

The Consolidated Water System is included in a SFWMD designated water resource caution area as described in the Upper East Coast Water Supply Plan. Future water supplies are projected to be 30 percent traditional (surficial aquifer) and 70 percent alternative (Floridan aquifer) to reduce stress on the SAS. Operational improvements and management in addition to proposed water supply projects are adequate to serve projected demands. Martin County has made marked strides in responding to regional strategies outlined in the Upper East Coast Water Supply Plan, including implementation/adoption of a 10-year Capital Improvements Program (CIP) consistent with Upper East Coast Water Supply Plan; substantial increased use of the Floridan aquifer; continued reduced dependence on the surficial aquifer; and a wellfield protection



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program. In addition, the County has an approved consolidated water conservation plan for the South and North systems in its SFWMD Permit No. 43-00102-W that meets all the required elements of the SFWMD Applicants Handbook Standard Conservation Plan as follows:

- i. Water Conservation public education program that consists of:
    - 1) Public service announcements;
    - 2) Presentations to schools and community organizations;
    - 3) Tours of water and wastewater facilities;
    - 4) Public water conservation exhibits; and
    - 5) Detailed information available on website;
  - ii. Outdoor Water Use Conservation program that consists of;
    - 1) Permanent irrigation ordinance that restricts landscape irrigation between 9:00 A.M. and 5:00 P.M.;
    - 2) Martin County Ordinance No. 494, Land Development Regulations, which requires the use of Florida-Friendly landscaping principles;
    - 3) Martin County Ordinance which requires ultra-low plumbing fixtures on all new construction;
    - 4) Martin County Ordinance 494, Land Development Regulations, which requires any person who purchases and installs an automatic lawn sprinkler to install, operate, and maintain a rain sensor device or automatic switch which will override the irrigation with the occurrence of adequate rainfall; and
    - 5) Outdoor Water Conservation Public Education- Martin County Utilities participates in the annual Stuart WaterFest which focuses on public education and water conservation;
  - iii. Rate Structure: A rate structure designed to promote the efficient use of water by charging a 25 percent surcharge for usage in excess of 10,000 gallons per month per residential unit and a 50 percent surcharge for usage in excess of 15,000 gallons per month per residential unit.
  - iv. Water Loss Reduction Program: Although water losses have not historically exceeded 10 percent, Martin County Consolidated has implemented a leak detection system and implements several water loss methods;
  - v. Indoor Water Conservation Program: Martin County Consolidated provides tips to reducing indoor water use by providing tips on their website and brochures on how to conserve water which lowers the cost of customer's water bill.
- 11.4.B *Proposed modifications to the Consolidated Water System* . To satisfy total projected water supply needs and provide effective wellfield operation, three new Floridan aquifer wells and two additional reverse osmosis treatment trains are proposed for the service area. Two wells will be located at the Tropical Farms WTP (Water Treatment Facility), and one well at the North WTP.

*Martin Downs:*

The County decommissioned the Martin Downs facility in 2008. It retains A SFWMD consumptive use permit is retained at this location to provide public water supply and to supplement the reuse water supply for irrigation. Water from the Martin Downs SAS wells will be piped to the Tropical Farms WTP via a raw water main planned for construction in 2018.

*Vista Salerno:*

Vista Salerno has been decommissioned. The County has withdrawn its consumptive use permit and abandoned SAS wells at this location.

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*Tropical Farms:*

Tropical Farms is served by 10 SAS wells and five FAS wells which provide water to two on-site treatment plants. The reverse osmosis membrane treatment facility is rated for 8 MGD maximum daily flow (MDF) and the existing nanofiltration membrane softening plant is rated for 2 MGD (MDF), providing a combined treatment capacity of 10 MGD. Treated SAS water is blended with RO water to add needed alkalinity and hardness stability. Changes in Tropical Farms SAS water supply well production and reduced water use allocation necessitate transfer of approximately 2 MGD of raw water from the Martin Downs SAS wellfield to the Tropical Farms WTP. A transmission line is planned for construction in 2018. A sixth FAS well is planned for construction in 2021 to reduce aquifer stress by reducing individual well withdrawal (no plant capacity increase). It is estimated that a plant capacity increase from 10 MGD to 11.75 MGD will be triggered by system demands in 2026 equivalent to the construction of two iron treatment filters. Tropical Farms WTP supplies water to Martin Downs and Port Salerno.

*North System:*

The North System consists of a 3.3 MGD lime softening WTP and a 5.5 MGD reverse osmosis WTP. The lime softening plant is presently served by 12 surficial wells. The North System reverse osmosis WTP, expanded to 5.5 MGD in 2004, is served by four Floridan aquifer wells and three reverse osmosis membrane trains. A fifth FAS well is planned for construction in 2020 to reduce stress on the aquifer by reducing pump demands (no plant capacity increase).

11.4.C. *Water supply facilities work plan.* The CIP details the acquisitions and construction projects planned for a 10-year period for all County departments.

Martin County contracted with consultants to estimate the amount and type of water, wastewater and reclaimed water facilities needed to meet the needs of the service area. The recommendations in the resulting reports, Martin County Utilities Wastewater and Reclaimed Water Master Plan Update (2014) and Martin County Utilities Water Supply System Master Plan Update (2015), are incorporated in the CIP and are updated annually. Summary tables listing the capital improvements are incorporated into the Capital Improvements Element (Chapter 14) of the CGMP through annual amendments. The future land use and zoning maps were also analyzed to determine demand for facilities for the 10-year period and the ultimate demand for water service. The service area is a subarea of the larger Primary Urban Service District, not served by the other regional utilities listed in Tables 11-1 through 11-5.

**Table 11-7  
Demand Projections, Water Supply Facilities Plan**

Fiscal Year	Projected Population	Average Annual Daily Flow (MGD)	Maximum Daily Flow (MGD)*
2013	88,887	9.07	11.23
2020	97,339	10.03	14.04
2030	106,925	11.01	15.41

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Source: <sup>1</sup> Chapter 11 Potable Water Services Element/10 Year Water Supply Facilities Work Plan Table 11-2, Martin County Consolidated System, Martin County Utilities Water Supply System Master Plan Update (2015).

- \* Table 1-9 Existing Potable Water Demand, Table 1-10 Peak Factors - Water Distribution System, Table 2-12 Total MCU Projected Potable Water Demands at Build-Out
- 2 The estimated maximum daily flow is the average daily flow multiplied by a recommended peaking factor of 1.4. The actual peaking factor for 2013 was 1.24. This calculation is used in determining the necessary size of water treatment facilities.

11.4.D. *Reuse.* State law supports reuse efforts. Florida's utilities, local governments, and water management districts have led the nation in the quantity of reclaimed water reused and public acceptance of reuse programs. Section 373.250(1) F.S. provides "the encouragement and promotion of water conservation and reuse of reclaimed water, as defined by the department, are state objectives and considered to be in the public interest." In addition, Section 403.064(1), F.S., states "reuse is a critical component of meeting the state's existing and future water supply needs while sustaining natural systems."

Martin County supports water reuse initiatives under consideration by both the SFWMD and other local governments in the region and the implementation of new regulations or programs designed to increase the volume of reclaimed water used and public acceptance of reclaimed water. Martin County's water conservation program encourages both conservation of water and use of alternative water supplies, such as reclaimed water for irrigation. There are no local financial responsibilities detailed in the CIE or CIS.

11.4.E. *Capital Improvements Program for Water Supply.* Martin County and the SFWMD have identified alternative water supply projects in the 2016 Upper East Coast Water Supply Plan Update for the Martin County's Consolidated System (Table 11-8). Each year Martin County selects alternative water supply projects from the Upper East Coast Water Supply Plan and incorporates them into the Capital Improvements Element and subsequently the CIP.

Table 11-11  
Alternative Water Supply Projects 2013-2030

Project Number and Description	Water Source	Raw Water Required (MGD)	Design Capacity (MGD)	Year Completed	In UECWSP
CIP #3305 Raw Water Main & Pump Martin Downs Wellfield to Tropical Farms WTP	Surficial	2.0	2.0	2018	No
CIP # 3017, North WTP, Well NRO-5	Floridan		2.0	2020	Yes
CIP # 3000, Tropical Farms WTP, Well TFRO-6	Floridan		2.0	2021	Yes
CIP # 3000, Tropical Farms WTP, Well TFRO-7	Floridan		2.0	2025	Yes

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Sources: *Martin County Utilities and Solid Waste Department CIP FY2017*

**Section 11.5. Goals, Objectives and Policies**

Implementation of this Chapter is designed to address Martin County's long-term potable water needs while preserving the quality and quantity of groundwater supplies.

**Goal 11.1.** To provide for needed potable water supply facilities in a timely, cost-efficient manner that protects public health, safety and welfare; maximizes the use of existing facilities; and promotes compact urban development.

*Objective 11.1A.* To correct public and private facility deficiencies in a timely manner in priority order (as specified in Policy 11.1A.2).

*Policy 11.1A.1.* The County shall continue to undertake a preventive and corrective maintenance program for all County-owned water systems. It shall include the following activities, performed annually, and preparation of an annual report covering the activities performed:

- (1) Inventory of facilities;
- (2) Facility inspection program;
- (3) Inventory of field equipment and stock;
- (4) Regular, programmed preventive maintenance of all facilities.

*Policy 11.1A.2.* The priority for correcting deficiencies and maintaining County facilities shall be as follows, in descending order:

- (1) Deficiencies that are immediate threats to health and safety shall be corrected directly.
- (2) Deficiencies that may affect health and safety will be corrected within one year or before the health and safety of the public are affected.
- (3) Deficiencies that must be corrected to meet applicable laws and regulations shall be corrected within two years, or as agreed upon by the FDEP and/or other regulatory agencies.
- (4) Other corrective repairs will be undertaken as time and resources allow.

*Policy 11.1A.3.* Capital facility improvements needed to correct deficiencies identified during engineering inspections will receive priority funding and will be included in the next revision of the 10-year CIP.

*Policy 11.1A.4.* Martin County shall continue to review proposed well construction and locations, assure compliance with the Wellfield Protection Program and maintain and update regulated areas on the Wellfield Protection Maps.

*Policy 11.1A.5.* Martin County shall work with the County Health Department and FDEP to assure that all permitted potable water systems can be expected to continue to provide safe drinking water. The Wellfield Protection and Potable Water Land Development Regulations and any other related regulations shall be coordinated to give residents the best possible assurance that permitted water systems will continue to serve them.

*Policy 11.1A.6.* Martin County will review the Potable Water Regulations to determine their effectiveness in promoting consolidation of services and preventing proliferation of small systems. The potential of requiring hookup to regional systems will be investigated.

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*Objective 11.1B.* To plan for sufficient public facilities to meet future water needs based on adopted level of service standards and projected population for the 5-year and 10-year planning periods and build-out of service areas.

*Policy 11.1B.1.* The Martin County Board of County Commissioners shall review and amend (as necessary) the approved Martin County Utilities Water, Wastewater and Reclaimed Water Master Plan. Following adoption by the Board of County Commissioners, it will be used as input for the Martin County 10-year water supply plan.

*Policy 11.1B.2.* Martin County shall maintain and improve an information system to assist in evaluating water management, including water quantity, quality and use. This system shall be used in resolving administrative, operational and maintenance issues related to the development of a comprehensive water system, including system consolidation and possible regionalization of facilities. The information system shall include existing conditions of potable water plants as reported by the FDEP.

*Policy 11.1B.3.* Martin County shall continue to acquire water treatment facilities that meet the minimum standards established in the Water System Regulations, provided that:

- (1) The County determines that acquisition of such facilities is in the public interest;
- (2) Ownership by the County will establish equal or greater long-range stability of the utility;
- (3) The acquisition can be made without a significant change in existing rate structures or in a more cost-effective manner;
- (4) There is a willing seller, or the County will exercise its right of eminent domain.

*Policy 11.1B.4.* The County shall evaluate the feasibility of providing incentives to users of private water treatment facilities or individual water wells to connect to regional public water facilities when they become available.

*Policy 11.1B.5.* Based on the SFWMD water assessment study, Martin County will continue to identify alternative water sources, which will be considered when the 10-year CIP is adopted.

*Policy 11.1B.6.* The level of service standards shall be incorporated into the Capital Improvements Element. The levels of service and minimum water delivery rate standards shall be used as the basis for determining the availability of facility capacity and the demand generated by a development. The current residential level of service standard for water treatment systems is 108 gallons per capita. [Ref. Martin County Water & Wastewater Plant flows and Treatment Capacity Report, February 2017]. The nonresidential level-of-service standards for water treatment systems are as defined in F.A.C. 64E-6.008 Standards for Onsite Sewer and Disposal Systems.

- (1) Fire hydrants: The minimum water delivery rate for any single fire hydrant shall be 500 gallons per minute, and the minimum pressure in any point within a water distribution system shall be 20 pounds per square inch (psi). Assuming a maximum day demand and commercial fire flow demands, the goal is 60 psi at all times.

*Policy 11.1B.7.* The timing of impacts of development shall be in accordance with Policy 14.1C.4 in the Capital Improvements Element.

*Policy 11.1B.8.* To ensure capacity of the regional water system, Martin County shall begin to design essential improvements when the system reaches 80 percent of total rated capacity. Construction will begin when the system reaches 90 percent of total rated capacity. No additional reservations shall be made at 100 percent of rated capacity unless construction of improvements is underway.

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*Policy 11.1B.9.* The County will monitor level of service standards for potable water service by reviewing the previous 12 monthly operating reports submitted to the FDEP. The results will be reported in the annual report on level of service for all County services. Available capacity for new connections will be based on existing capacity, less current flows, less equivalent residential connections reserved.

*Policy 11.1B.10.* The Martin County Utilities and Solid Waste Department shall review all development proposals, plans and specifications to ensure that water transmission systems meet minimum standards, are consistent with the County's consolidation efforts and do not reduce levels of service below acceptable levels.

*Objective 11.1C.* To establish criteria for extending public facilities that maintain adopted level of service standards and discourage urban sprawl.

*Policy 11.1C.1.* The extension of potable water lines and expansion of treatment plant capacity will be based on the projected demand for service as established in the Future Land Use Maps (Chapter 4 of the CGMP). To assure consistency of efficient service provision with the established land use pattern, the following determinations must be made:

- (1) The adopted level of service standards will be maintained and adequate capacity is available based on an analysis of the current and future population growth within the existing service area and the proposed areas to be served;
- (2) Extension of public potable water facilities shall be limited to areas identified in the Future Land Use Element as an established urban service district including the exceptions identified in Chapter 4, Policy 4.7A.3 of the CGMP;
- (3) It would be practical, feasible and cost-efficient to provide the service in a long-term expansion program;
- (4) Extension of public potable water facilities would be in the public interest.
- (5) Priority shall be given to projects located within the Primary Urban Service District for provision of water service.

*Policy 11.1C.2.* Expansion of public service areas shall be based on ability to serve new customers cost-effectively without jeopardizing levels of service for present and future customers in existing service areas.

*Policy 11.1C.3.* The County shall ensure that adequate capacity exists or will be provided concurrently with development to maintain adopted level of service standards. Development review staff will analyze facility capacity based on adopted levels of service and projected need resulting from the development.

*Policy 11.1C.4.* As part of the staff analysis, additional considerations will be evaluated in reviewing future development proposals. These considerations may include possible limitations in water supply, water quality problems and appropriate density allocations.

*Policy 11.1C.5.:* All development within established potable water service areas shall donate all needed water distribution lines and appurtenances along with suitable easements, and shall pay all applicable capital facility costs when services are ~~provided~~ reserved by the County. This policy shall be implemented by (a) formation of special assessment districts, or (b) execution of a standard developer's agreement, or (c) execution of an interim agreement in accordance with the Land Development Regulations.

*Policy 11.1C.6.:* If a transmission line must be installed to provide service to a property as requested by the owner, the County will allow a portion of the capital facility charge as a credit towards construction of the transmission line.

Chapter 11 POTABLE WATER SERVICES ELEMENT/10 YEAR WATER SUPPLY FACILITIES WORK PLAN

*Policy 11.1C.7.* To encourage developers to provide potable water capacity beyond their project's needs, the County shall consider cost recovery agreements. These shall be considered if the facility's construction cost exceeds the proportion of the capital facility charge to be credited to the developer. Credit shall be applied in accordance with the credit policy in effect at that time.

*Policy 11.1C.8.* All public and private water system improvements shall be located, designed and installed in a manner that is cost-effective, functional, responsive to fire protection needs of existing and planned future development, and compatible with surrounding natural systems. Water main extensions shall be aligned and installed in a manner that prevents undue loss of established tree canopies or soil through induced erosion. Land features altered by construction shall be returned to their original condition as close as is reasonably possible. The timing and staging of the work will aim to minimize disruptive impacts, including impacts on residential quality of life and traffic flow.

*Policy 11.1C.9.* Martin County has developed detailed service area maps of regional utilities that will be used to implement the Land Development Regulations. The map(s) shall be amended as needed. The service area for private facilities shall be certified and regulated by the Florida Public Service Commission. The service areas for government-owned facilities shall be as determined by master plans or other appropriate documents authorized by the entity. Figure 11-1 shows the current regional utilities service areas in Martin County. Figure 11-2 shows the potential regional utilities service areas in Martin County.

**Editor's note**— Figure 11-1 is on file in the office of the Martin County Growth Management Department.

**Editor's note**— Figure 11-2 is on file in the office of the Martin County Growth Management Department.

*Policy 11.1C.10.* Potable water lines may be extended from the Primary Urban Service District to serve the following facilities, as described in the Jonathan Dickinson State Park Unit Management Plan:

River	Campground	restroom	and	45	sites;
Boat		ramp			restroom;
Dump					station;
Picnic	area		restrooms		(3);
Concession					building;
Environmental	education		and	research	center;
Cabins					(12);
Staff		residences			(3);
Boy	Scout		Camp		facilities;
Girl	Scout		Camp		facilities;
Pine		Grove			Campground;
Camp					Pavilion;
Ranger			Station;		and
Administrative/Maintenance Complex.					

Such extensions are intended to reduce or eliminate the impact public facilities located in the specific portions of Jonathan Dickinson State Park listed above, have on the Loxahatchee River, and are considered to be waivers. These waivers shall not be used to serve, encourage or justify other development activity outside the Primary Urban Service District and shall not be used to encourage, support or justify an increase in density in surrounding or nearby areas, or any other amendment to the Comprehensive Growth Management Plan.

Chapter 11 POTABLE WATER SERVICES ELEMENT/10 YEAR WATER SUPPLY FACILITIES WORK PLAN

*Policy 11.1C.11.* Potable water lines may be extended from the Primary Urban Service District to serve:

- ~~(1) Fort Dawson Parcel as described in Comprehensive Plan Amendment 07-10, Indiantown International.~~
- (2) 1) Lots 67, 68, 75, 89, 90, 119 through 122 and lots 191 through 220 of Canopy Creek PUD (f/k/a Tusawilla PUD as recorded in Plat Book 16, Pages 039-001 to 039-036, Public Records of Martin County, Florida).
- (3) 2) Bridgewater Preserve as recorded in Plat Book 16, Pages 033-001 to 033-007, Public Records of Martin County, Florida. Any increase in residential density shall require approval by the Board of County Commissioners for a PUD Zoning Agreement and revised master/final site plan which is consistent with the Rural Density future land use designation and requires that the project connect to the existing potable water and sanitary sewer lines.
- ~~(4) A project approved pursuant to a development order that may be issued by Martin County on the Tesoro Groves parcels 05-40-39-000-000-00010-1 and 05-40-39-007-000-00020-2 as described in Official Record Book 02367 Page 0313 through 0317.~~
- (5) 3) Seven J's Industrial Subdivision, as recorded in Plat Book 15, Page 97 and/or any replat or redevelopment of the property contained within the plat recorded in Plat Book 15, Page 97.
- (6) 4) The County landfill, parcel number 07-38-40-000-000-00020-7.
- (7) 5) Martingale Commons PUD f/k/a Palm City 95 PUD.
- (8) 6) Sheriff's Shooting Range, parcel number 07-38-40-000-000-00030-5.
- (9) 7) Parcel number 28-40-42-000-000-00020-5, parcel number 28-40-42-000-000-00040-1, parcel number 28-42-000-000-00011-0, and parcel number 21-40-42-004-000-00005-0 on S.E. Island Way.
- (8) The Martin County Fairgrounds, parcel number 03-40-39-000-000-00011-0 and parcel number 34-39-39-000-000-00021-0.

*Policy 11.1C.11.1.* Facilities at the Martin Correctional Institution may receive potable water service from the City of Port St. Lucie in accordance with an interlocal agreement between Martin County, the City of Port St. Lucie and the Florida Department of Corrections.

*Objective 11.1D.* To maintain a 10-year schedule of capital improvements for public facilities, to be updated annually in conformance with the review process set forth in the Capital Improvements Element.

*Measure:* Completion of each year's capital improvements projects for potable water facilities.



Chapter 11 POTABLE WATER SERVICES ELEMENT/10 YEAR WATER SUPPLY FACILITIES WORK PLAN

*Policy 11.1D.1.* Proposed public potable water capital improvement projects will be evaluated and ranked according to the following priorities, listed in descending order:

- (1) Protection of public health, safety and welfare, including of areas with contaminated wellfields or groundwater;
- (2) Fulfillment of the County's legal commitment to provide facilities and services or to maximize the use of existing facilities;
- (3) Provision of service to areas of high-density land use or high-intensity use; and
- (4) Provision of service to enclaves and infill areas within the County's identified urban service areas or that will allow for efficient provision of necessary urban services.

*Policy 11.1D.2.* The 10-year Water Supply Facilities Work Plan, consistent with the Capital Improvements Element, shall be evaluated annually to ensure that necessary projects are prioritized based on current conditions and future demand.

*Policy 11.1D.3.* The water system projects listed in the Capital Improvements Element and the CIP will have assigned priorities in the 10-year Water Supply Facilities Work Plan. This listing may be evaluated and reprioritized annually.

*Policy 11.1D.4.* The 10-year Water Supply Facilities Work Plan shall be coordinated, as appropriate, with proposed State, County or municipal projects in public road rights-of-way to ensure consistency and cost-effectiveness of County efforts.

*Objective 11.1E.* To continue programs for conserving and protecting potable water resources in Martin County.

*Measure:* The reduction of the per capita water consumption rate from 120 gallons per day (1992 adoption of Martin County Comprehensive Plan) to 100 gallons per day by 2025.

*Policy 11.1E.1.* The County Commission and the Utilities and Solid Waste Management Department will continue to operate the water conservation program, which includes the following components:

- (1) Compliance with and monitoring of native vegetation requirements, encouragement for use of xeriscape techniques and continued preservation of native vegetation, wherever practical and possible;
- (2) Provision for using treated wastewater for irrigation to avoid the use of potable water;
- (3) An education program to inform the public about water conservation techniques and devices; includes informing public about Mandatory Year-Round Landscape Irrigation Conservation Measures as detailed in 40E-24, F.A.C.
- (4) Continuation of the leak detection and meter testing and repair program to minimize losses of water in the distribution system;
- (5) Continuation of the SFWMD emergency water shortage rules during a declared drought or water emergency;
- (6) Continued research and active enforcement of water-saving device requirements;
- (7) Approval of dual conveyance systems with separate pipes for water and wastewater reuse to enable use of lower quality water for nonpotable uses.

*Policy 11.1E.2.* The County shall encourage reuse and reclamation of water for irrigation, landscape, agriculture, and industry as an alternative to the use of potable water supplies. A reclaimed water interconnect has been established for delivery of 0.375 MGD from the City of

Chapter 11 POTABLE WATER SERVICES ELEMENT/10 YEAR WATER SUPPLY FACILITIES WORK PLAN

Stuart to Martin County. The County shall work with the Town of Jupiter Island to Interconnect the reclaimed water system to fully utilize the available water supply.

*Policy 11.1E.3.* The County shall continue to enforce a Water Conservation Regulation, which shall include time restraints for irrigation.

*Policy 11.1E.4.* The County will continue to cooperate with the SFWMD to investigate, evaluate and formulate techniques to develop new sources of groundwater and conserve existing supplies. Possible techniques are deep aquifer storage and recovery and reverse osmosis.

*Policy 11.1E.5.* New potable water wells and wellfields shall be located in areas where quantities of regulated materials do not exceed proposed criteria in the wellfield protection program.

*Policy 11.1E.6.* The County shall continue a wellfield protection program that prevents contamination of potable water sources by saltwater intrusion or chemical contamination and prevents adverse impacts to water levels and vegetation in adjacent wetlands.

*Policy 11.1E.7.* The County shall coordinate with municipalities and adjacent counties to project future well and wellfield needs. This effort should include determining needs for and locations of additional wellfields, including an assessment of the feasibility of joint development and operations between the County, the City of Stuart and the Town of Jupiter Island.

*Objective 11.1F.* To continue coordinating with the FDEP to determine deficiencies in potable water facilities.

*Policy 11.1F.1.* No new package plants shall be allowed except for those projects specified in Policy 10.1A.11. No connections to existing package plants shall be allowed if enforcement action by FDEP would preclude such connections.

*Policy 11.1F.2.* Existing customers of package plants will be connected to regional systems when:

- (1) The useful life of the package plant has been exhausted; or
- (2) Doing so is cost-effective; or
- (3) A package plant falls into noncompliance with FDEP regulations and is required to connect by consent order.

*Policy 11.1F.3.* When package plants are connected to regional systems not purchased by the County, property owners receiving the benefit of connection shall pay all applicable connection costs, including capital facility charges.

*Policy 11.1F.4.* In accordance with Policy 11.1C.11 of the CGMP, if water lines become available in a public easement or right-of-way within 500 feet of Seven J's or Martingale Commons, the respective property will be required to connect to these lines within 365 days of notice of the availability of the lines. All properties deriving a special benefit from the connection shall pay for the expenses that are properly attributable to providing such connection under generally accepted accounting principles including, but not limited to expenses related to the line extension, reimbursement to the County for any funds advanced and all connection costs or other applicable capital facility charges. Such expenses shall be apportioned to and collected from such properties in a manner that fairly and reasonably apportions such expenses based upon an objectively determinable methodology in accordance with Section 71.103 of the Martin County Code, or other similar method of cost recovery permitted under Florida law.

**Goal 11.2.** To coordinate growth management policies and water resource management. Martin County will coordinate and cooperate with the SFWMD and other local, regional, State and Federal agencies to ensure effective linkages between growth management and water resource management.

Chapter 11 POTABLE WATER SERVICES ELEMENT/10 YEAR WATER SUPPLY FACILITIES WORK PLAN

*Objective 11.2A.* To maintain a 10-year Water Supply Facilities Work Plan to link growth management with the SFWMD's Upper East Coast Water Supply Plan. The Work Plan projects will be described in the CIP and updated annually.

*Policy 11.2A.1.* The County shall consider the most current version of the Upper East Coast Water Supply Plan in the annual updates of the CIP.

*Policy 11.2A.2.* The 10-Year Water Supply Facilities Work Plan should meet current and projected potable water needs based on the availability and appropriate use of regional water resources and the combined use of alternative water supplies. The Work Plan shall incorporate alternative water supply projects from the SFWMD's Upper East Coast Water Supply Plan. The Work Plan shall be consistent with the County's Water Use Permit renewals.

*Policy 11.2A.3.* The County shall work with each regional utility to define the ultimate boundaries of that entity's potable water and wastewater service areas and to coordinate development of consistent master plans and work plans when applicable. Every regional provider's master plan and/or work plan is encouraged to consider the Upper East Coast Water Supply Plan. This task shall be completed after the regional providers have adopted their respective work plans, if applicable.

*Policy 11.2A.4.* Martin County shall coordinate with SFWMD, suppliers of potable water, and municipalities within Martin County on issues of potable water supply. The County shall make available information regarding changes in land use, population and demand projections, Level of Service, and other information relevant to the provision of potable water.

*Objective 11.2B.* To foster compatibility between the built and natural systems.

*Policy 11.2B.1.* The County shall coordinate with the SFWMD and other entities involved in the Upper East Coast Water Supply Plan to evaluate the long-term needs of the natural and built environments. The aim of this collaboration is to restrict activities that result in degradation or overuse of potable water resources and to assure adequate water supply for the competing needs of native ecosystems, agriculture and domestic and industrial users.

*Policy 11.2B.2.* The County shall coordinate with the SFWMD to ensure consistent planning throughout Martin County.

*Policy 11.2B.3.* The County shall support efforts to integrate land use and water resource planning to ensure the availability of water for regional water management purposes.

**BEFORE THE BOARD OF COUNTY COMMISSIONERS  
MARTIN COUNTY, FLORIDA**

**RESOLUTION NUMBER 19-1.6**

**A RESOLUTION TO INITIATE AN AMENDMENT TO CHAPTER 4, FUTURE LAND USE  
ELEMENT, CHAPTER 10, SANITARY SEWER ELEMENT, CHAPTER 11, POTABLE WATER  
SERVICES ELEMENT AND OTHER ELEMENTS OF THE MARTIN COUNTY COMPREHENSIVE  
GROWTH MANAGEMENT PLAN**

**WHEREAS**, the Board of County Commissioners of Martin County, Florida adopted the Comprehensive Growth Management Plan on February 20, 1990; and

**WHEREAS**, the Martin County Comprehensive Growth Management Plan, Section 1.11.B, Amendment Procedures, states that the Martin County Board of County Commissioners may, by resolution, initiate a request to amend the Comprehensive Growth Management Plan; and

**WHEREAS**, the Martin County Board of County Commissioners is desirous of locating a site for the Martin County Fairgrounds in western Martin County; and

**WHEREAS**, the revisions to Chapters 4, 10 and 11 of the Martin County Comprehensive Growth Management Plan may result in revisions to other Elements of the Plan; and

**WHEREAS**, the Martin County Board of County Commissioners has directed an amendment to allow the extension of water and sewer services to the Fairgrounds location; and

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS  
OF MARTIN COUNTY, FLORIDA; THAT:**

The Martin County Board of County Commissioners hereby initiates an amendment to Chapter 4, 10 and 11 and other Elements of the Comprehensive Growth Management Plan, as may be necessary.

**DULY PASSED AND ADOPTED THIS 8TH DAY OF JANUARY, 2019.**

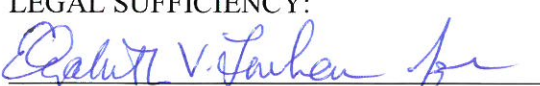
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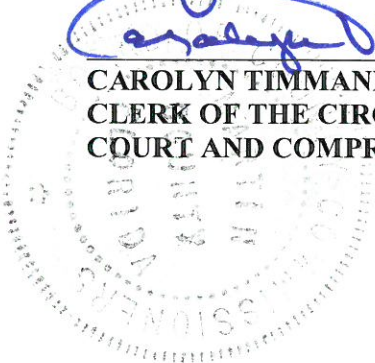
  
\_\_\_\_\_  
**CAROLYN TIMMANN,  
CLERK OF THE CIRCUIT  
COURT AND COMPTROLLER**

BOARD OF COUNTY COMMISSIONERS  
MARTIN COUNTY, FLORIDA

BY:   
\_\_\_\_\_  
**EDWARD V. CIAMPI, CHAIRMAN**

APPROVED AS TO FORM AND  
LEGAL SUFFICIENCY:

  
\_\_\_\_\_  
**KRISTA A. STOREY, ACTING COUNTY  
ATTORNEY**



Prepared By: Nicki van Vonno, AICP  
Martin County  
Growth Management Department  
2401 S.E. Monterey Road  
Stuart, FL 34996

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**BEFORE THE BOARD OF COUNTY COMMISSIONERS**

**MARTIN COUNTY, FLORIDA**

**RESOLUTION NUMBER 19-4.3**

**A RESOLUTION OF MARTIN COUNTY, FLORIDA, TO INITIATE TEXT  
AMENDMENTS REGARDING CONCURRENCY POLICIES.**

**WHEREAS**, the Board of County Commissioners of Martin County, Florida adopted the Comprehensive Growth Management Plan on February 20, 1990; and

**WHEREAS**, the Martin County Comprehensive Growth Management Plan, Section 1-11, Amendment Procedures, states that the Martin County Board of County Commissioners may, by resolution, initiate a request to amend, modify, add to, or change the Comprehensive Growth Management Plan.

**WHEREAS**, Martin County Comprehensive Growth Management Plan policies in Chapter 10, Sanitary Sewer Element contains policies regarding the provision of services that are worded differently than similar policies in Chapter 11, Potable Water Element.

**WHEREAS**, the provision of utility services should be governed by the same policy language.

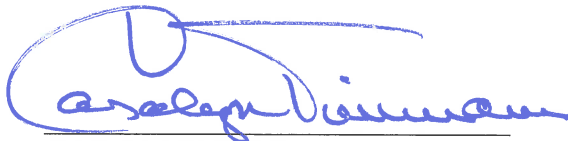
**WHEREAS**, the Board of County Commissioners has determined that some Comprehensive Growth Management Plan policies regarding the provision of services should be reviewed and

possibly amended to ensure that Martin County maintains adopted level of service standards and promotes compact urban development.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF MARTIN COUNTY, FLORIDA, THAT:** A Comprehensive Growth Management Plan text amendment is hereby initiated to review and possibly modify Comprehensive Growth Management Plan policies regarding the provision of public facilities.

**DULY PASSED AND ADOPTED THIS 9<sup>th</sup> DAY OF APRIL, 2019.**

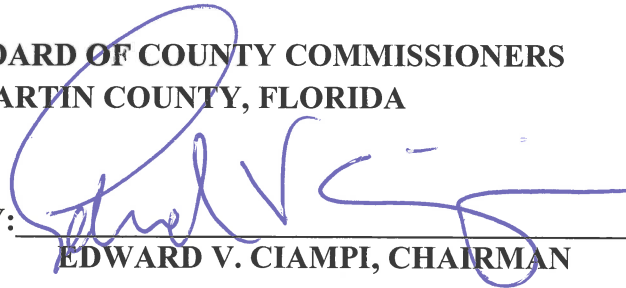
**ATTEST:**



**CAROLYN TIMMANN,  
CLERK OF THE CIRCUIT  
COURT AND COMPTROLLER**

**BOARD OF COUNTY COMMISSIONERS  
MARTIN COUNTY, FLORIDA**

**BY:**



**EDWARD V. CIAMPI, CHAIRMAN**

**APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY**

**BY:**



**KRISTA A. STOREY,  
ACTING COUNTY ATTORNEY**



# Indian River judges toss videos in sex spa cases

**Eric Rogers**  
Treasure Coast Newspapers  
USA TODAY NETWORK - FLORIDA

VERO BEACH — Two Indian River County judges granted motions Thursday tossing video evidence recorded during investigations into alleged area sex spas.

The investigations were part of a crackdown earlier this year on suspected human trafficking and sex-for-pay schemes at massage parlors across the Treasure Coast, Jupiter and Orlando.

In separate court cases, Judges Nicole Menz and David Morgan ruled the evidence was inadmissible after Vero Beach and Indian River County detectives failed to minimize invasion of privacy during secret video surveillance, conducted between November and January.

Specifically, Menz and Morgan wrote, detectives failed to abide court orders when they surreptitiously recorded clients getting legitimate massages alongside those paying for sex.

The decisions mirrored recent rulings

in cases in Martin and Palm Beach counties, including the prostitution case against New England Patriots owner Robert Kraft.

“We’re very happy. Obviously it’s a well thought-out order,” said defense attorney Andrew Metcalf, who filed the motions on behalf of 30 or so Indian River clients. “You cannot invade privacy like that.”

The rulings will affect other defendants who participated in or piggy-backed on the motions, Metcalf said. Others who choose to file on their own will likely see a similar outcome.

“The facts are not going to differ,” he said. “Whether they’re participating in the motion or not, they’ll be protected by this order.”

State prosecutors said they intended to appeal the rulings.

### ‘Critical errors of judgment’

In her eight-page decision, Menz said Vero Beach investigators made “no effort at all ... to comply with the extremely

broad minimization guidelines” imposed in court orders granting the installation of cameras at East Spa on 14th Avenue.

“There is no doubt this ... is anything other than a violation which requires the suppression of all video evidence,” she concluded.

In a similar ruling, Morgan chided sheriff’s deputies for “critical errors in judgment” in their investigation at East Sea Spa in Sebastian.

“Based on the testimony received ... this court has strong doubts as to whether any of the investigating detectives understood the constitutional issues inherent in this type of warrant,” he wrote.

Among the judges’ findings:

■ Cameras at East Spa recorded around the clock for 60 days, the entire duration of the surveillance period, whether investigators were present or not.

■ At least three innocent East Spa cli-

ents were secretly recorded, but there could be more, Menz said. Investigators had only monitored half the videos, which were still stored on Vero Beach police hard drives.

■ Multiple women at East Sea Spa were recorded getting massages in various states of undress.

■ Indian River detectives admitted never reading a case they cited in support of their warrant applications to the court.

■ Female customers in one massage room were recorded alongside men in another massage room, despite detectives’ ability to independently turn off the cameras.

■ In one case, a video of an innocent female client receiving a massage was given by the Sheriff’s Office to a defense attorney in discovery.

Contact Rogers at 772-978-2224 or [eric.rogers@tcpalm.com](mailto:eric.rogers@tcpalm.com). Follow him on Twitter @EricRogersFT.

## Migrants

Continued from Page 1A

agent who told him U.S. Immigration and Customs is expecting an unknown number of migrants from the southern border could come to Indiantown because they have family in the area.

The border patrol agent told Snyder about 1,000 people are expected to come to Palm Beach International Airport “in the near future” and disperse from there.

The main message Snyder wants to send to immigrants who [otentially could be headed to Indiantown and other parts of the county is that law enforcement is not their enemy.

“We have a community patrol policing unit that is very well-versed in policing the different special interest groups in Martin County and the minorities and we will make some kind of effort to check in with these people, maybe provide some information to them on law enforcement and what law enforcement in America means,” he said.

St. Lucie County Sheriff’s Office offi-

icals said they have not heard of anything changing as a result of the migrants coming to nearby counties and as of Thursday afternoon, they are not doing anything differently.

Maj. Eric Flowers, a spokesman for Indian River County Sheriff’s Office, said the agency was in contact with border patrol but did not expect any of the transports to reach the area.

“If there was some indication they were coming here, obviously at that point we’d make plans,” Flowers said. “Until we hear otherwise, we’ll be standing by.”

Thursday morning, Florida Sen. Marco Rubio tweeted the Palm Beach County Sheriff’s office is expected to see about 500 migrants a month coming into the two counties beginning next week.

Broward Mayor Mark Bogen told The South Florida Sun Sentinel about 135 people each week will be brought in by plane in about two weeks. One half of the migrants are expected to go to Palm Beach County and the other half are expected to go to Broward County.

Staff reporter Eric Rogers contributed to this story.



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### NOTICE OF PUBLIC HEARINGS

The Martin County Local Planning Agency and the Board of County Commissioners will conduct public hearings on the following item:

Application CPA 19-03 Martin County Fairgrounds Utilities Extension, and 19-14, Chapter 10, Sanitary Sewer Services Element. The combined text amendment proposes a text amendment to Chapter 4, Future Land Use Element; Chapter 10, Sanitary Sewer Services Element; and Chapter 11, Potable Water Service Element/10 Year Water Supply Facilities Work Plan to allow for the provision of water and sewer services to the future location of the Martin County Fairgrounds. It also proposes amended policies to improve consistency between Chapter 10, Sanitary Sewer Services Element and Chapter 11, Potable Water Service Element/10 Year Water Supply Facilities Work Plan. Lastly, other modifications include removing references to Indiantown.

**Public Hearing: Local Planning Agency**  
Date: Thursday, June 6, 2019  
Time: 7 PM or as soon there after as the item may be heard

**Public Hearing: Board of County Commissioners**  
Date: Tuesday, June 18, 2019  
Time: 9 AM or as soon there after as the item may be heard

All interested persons are invited to attend and be heard. The meetings will be held in the Commission Chambers on the first floor of the Martin County Administrative Center, 2401 S.E. Monterey Road, Stuart, Florida. Written comments may be sent to: Nicki van Vonno, Director, Martin County Growth Management Department, 2401 S.E. Monterey Road, Stuart, Florida 34996. Copies of the item will be available from the Growth Management Department. For more information, contact Samantha Lovelady, Principal Planner, Growth Management Department at (772) 288-5664.

Persons with disabilities who need an accommodation in order to participate in this proceeding are entitled, at no cost, to the provision of certain assistance. This does not include transportation to and from the meeting. Please contact the Office of the ADA Coordinator at (772) 320-3131, or the Office of the County Administrator at (772) 288-5400, or in writing to 2401 SE Monterey Road, Stuart, FL, 34996, no later than three days before the hearing date. Persons using a TTY device, please call 711 Florida Relay Services.

If any person decides to appeal any decision made with respect to any matter considered at the meetings or hearings of any board, committee, agency, council, or advisory group, that person will need a record of the proceedings and, for such purpose, may need to insure that a verbatim record of the proceedings is made, which record should include the testimony and evidence upon which the appeal is to be based.

TR-2281570

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- There is a separate Recycling Program for Audio & Video Players, Computers, Printers, TV's & More, so these items **Can NOT** go in your recycling container
- Rechargeable batteries can be dangerous if not disposed of properly. **Do NOT** put them in your recycle container. Instead, take them to a local collection center.
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