



COASTAL MANAGEMENT

*Manatee Protection & Coastal, Lakes,
and River Management*

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Goal CM-1: GOAL #4--Coastal, Lakes, and River Management

Preserve, protect, and enhance resources of the Coastal, Lakes, and River Areas and where appropriate, restrict development activities which would damage or destroy these resources, protect human life, and limit the public expenditure in areas subject to natural disasters.

[MOVED TO CONSERVATION]

Natural Resources

-Habitats and Wetlands

~~Objective 4.1—Protect native vegetative and ecological communities.~~

~~The components of this program are:~~

~~1)—Continued efforts to protect native vegetation and ecological communities. The primary emphasis shall be on, but not limited to, upland habitat for endangered and threatened species and other environmentally sensitive communities. The County will continue efforts to preserve and protect these communities by seeking dedications via the development process, fees-in-lieu of dedications to purchase land, and active coordination with federal, state, local, and regional agencies and/or private organizations to purchase these lands~~

~~2)—The adoption of standards requiring on-site preservation of native habitat implemented through the development review process~~

~~Policy 4.1.1—No subdivisions shall be approved unless all lots proposed for development contain upland areas large enough to support the proposed activity and all required buffers and preservation areas.~~

~~Policy 4.1.2—The County Land Development Code (LDC) shall contain requirements that native vegetation be utilized in required buffers, setbacks, and open spaces.~~

~~Policy 4.1.3—The County LDC shall contain requirements for filtering all runoff from lands adjacent to wetlands and water bodies.~~

~~Policy 4.1.4—Standards for signs along coastal, lakes, and river roadways and shores shall be adopted and enforced to preserve visual amenities.~~

~~—Living Marine Resources~~

Objective CM-1.1: Objective 4.2—Resource and Habitat Protection

Citrus County shall Pprotect wildlife, living marine resources, and special habitats from adverse impacts of development and human activities. ~~Citrus County shall~~ Econtinue to enforce the natural resource protection provisions in the LDC and related ordinances.

Policy CM-1.1.1: Policy 4.2.1—Targeted Areas for Protection and Enhancement

Citrus County identifies the following Ecoastal wildlife, living marine resources, and special habitats to ~~include~~ target for protection and enhancement:

- ~~(1)~~ _____ Endangered, threatened, and species of special concern
- ~~(2)~~ _____ Bird Rookeries
- ~~(3)~~ _____ Bald Eagle and Osprey nesting locations
- ~~(4)~~ _____ Marine Grass Beds
- ~~(5)~~ _____ Fisheries
- ~~(6)~~ _____ Oyster Beds

~~Policy 4.2.2—Reserved~~

[MOVED TO CONSERVATION]

~~Policy 4.2.3—The County Land Development and Enforcement Codes shall protect wildlife; especially endangered, threatened and species of special concern.~~

~~Policy 4.2.4—Living marine resources: marine grass beds, fisheries, and oyster bars shall be protected and enhanced.~~

Policy CM-1.1.2: Policy 4.2.5—Protection of Living Marine Resources

~~The Citrus County shall prohibit the~~ unpermitted destruction of living marine resources, such as marine grass beds and oyster bars ~~is prohibited~~.

~~Objective 4.3—Reserved~~

~~—Resource Education~~

Objective CM-1.2: Objective 4.15 Coastal Resource Coordination

~~The Citrus~~ County shall implement appropriate portions of existing resource management plans and establish a mechanism to coordinate with applicable agencies operating/managing resources.

Policy CM-1.2.1: Policy 4.15.1—Natural Areas Management Plan

~~The Citrus~~ County shall assist and coordinate in the development and adoption of resource and management plans for natural reservations and preservation areas.

Policy CM-1.2.2: Policy 4.15.2—Land Use Changes in Natural Areas

~~The Citrus County Department of Growth Management~~ Community Development Division shall continue to coordinate all proposals for change of land use, or

extension of infrastructure, adjacent or through natural reservations and preservation areas with appropriate public/private agency~~((ies))~~.

Objective CM-1.3: ~~Objective 4.4~~ Educational Programs

~~Citrus County shall~~ Continue the ongoing program of public education to assist in the protection of estuarine, riverine, and lake natural resources.

Policy CM-1.3.1: ~~Policy 4.4.1~~ Coordination of Educational Materials

~~The Citrus County Department of Growth Management Community Development Division~~ shall coordinate with the ~~County's~~ Division of Aquatic Services, the Marine Science Station, U.S. Fish and Wildlife Service (USFWS), and Florida Department of Environmental Protection (~~F~~DEP) to prepare educational materials.

Policy CM-1.3.2: ~~Policy 4.4.2~~ Distribution of Educational Materials

~~The Citrus County shall facilitate~~ educational materials ~~shall to~~ be posted at each public access to estuarine, riverine, or lake waters and distributed to all libraries and schools. ~~These materials shall also be posted at private/commercial access points with permission of the owner and may be located at strategic points throughout waterbodies where appropriate.~~

Land Use

~~Water-dependent Land Uses~~

Objective CM-1.4: ~~Objective 4.5~~ Water-Dependent and Water-Related Uses

~~Citrus County shall prioritize~~ Recreational and working waterfronts including water dependent and water-related land uses ~~have priority~~ over all other land uses with exception to conservation, along shoreline areas. ~~The Future Land Use Map (FLUM) shall contain designated areas for coastal water-dependent and water-related land uses.~~

Policy CM-1.4.1: Policy 4.5.1—Priority Shoreline Uses

~~The Citrus County shall prioritize ranking of shoreline land uses shall be on the following ranking:~~

- ~~(1)~~ Water-dependent uses
- ~~(2)~~ Water-related uses
- ~~(3)~~ Non-water related uses

-Shoreline Performance Standards

Policy CM-1.4.2: Policy 4.6.3—New Marina and Mutli-Slip Docking Criteria

~~Citrus County shall require N~~new marinas and multi-slip docking facilities ~~must to~~ conform to the following criteria:

- ~~(1)~~ Public use marinas are only allowed in marine commercial areas
- ~~(2)~~ Must provide vehicular-trailer parking and sewage pump out facilities
- ~~(3)~~ All proposed parking, dry storage and non-water dependent facilities must be built on upland areas
- ~~(4)~~ Hurricane contingency plans shall be approved by the County Growth Management ~~Community Development~~ Director and Director of Emergency Management
- ~~(5)~~ Shall comply with all applicable County Regulations and Policies
- ~~(6)~~ Coastal and riverine wetlands and grass beds shall be avoided
- ~~(7)~~ Economic need and viability shall be demonstrated
- ~~(8)~~ Fueling facilities shall be designed to contain spills
- ~~(9)~~ Water Circulation shall be maintained
- ~~(10)~~ Any environmental disruptions ~~will shall~~ be mitigated
- ~~(11)~~ Shall comply with the County Manatee Protection Plan
- ~~Placement of new marinas/multi-slip docking facilities, multifamily docking facilities, and single family docking facilities exceeding one slip~~

~~per 100 feet of shoreline shall be prohibited from designated critical habitats of the West Indian (Florida) manatee [IN MPP]~~

- ~~(12)~~ Construction materials used in shoreline or submerged land construction shall minimize environmental impacts and the best available technology shall be used. ~~Examples of construction standards which are consistent with minimizing environmental impacts are: heavy grade PVC pipe filled with concrete, wood pilings minimally treated, galvanized steel or iron pilings, cantilever dock facilities, floating docks with sealed injected solid foam (may contain CFC's), and dry storage~~
- ~~(13)~~ Pump-out facilities shall be contained in all marinas, multi-slip, and multifamily residential docking facilities, which are connected to a permitted package, or regional wastewater sewage treatment facility

Objective CM-1.5: ~~Objective 4.12~~ Coastal, Lakes, and River Public Access

~~Citrus County shall increase public access to Coastal, Lakes, and River shoreline areas. A public access study shall be completed.~~

Policy CM-1.5.1: Increasing Coastal, Lakes, and River Public Access

~~Citrus County shall complete a public access study to target areas for increased public access to Coastal, Lakes, and River shoreline areas.~~

Coastal, Lakes, and River Water Quality

Policy CM-1.5.2: ~~Objective 4.7~~ Coastal, Lake, and River Water Quality

~~Citrus County shall improve~~ment~~ and maintain~~enance~~ of estuarine and coastal riverine water quality. Water quality in the coastal area shall meet or exceed their respective surface water quality standards set by Rule 62-302, F.A.C. or Surface Water Improvement and Management (SWIM) Plan. the "good" water quality index (Environmental Protection Agency [EPA] established in the 305 (b) Technical Report, DEP, 1994.) Water quality in the Lakes and River Area shall be consistent with policies of the Conservation Element.~~

Policy CM-1.5.3: ~~Policy 4.7.1~~—Prohibition of New Point Sources

~~Citrus County shall not permit No new point sources-source discharges shall be permitted into~~ waters of the Coastal, Lakes, and River Area except where mandated by the U.S. Environmental Protection Agency (EPA) and Florida Department of Environmental Protection (FDEP).

~~Policy 4.7.2—Reserved~~

Policy CM-1.5.4: ~~Policy 4.7.3~~—Stormwater Strategic Plan

~~In order to reduce the amount of untreated stormwater effluent, the~~Citrus County shall prepare a strategic plan to retrofit appropriate areas to reduce the amount of untreated stormwater runoff.

Policy CM-1.5.5: ~~Policy 4.7.4~~—Artificial Flow Alteration

~~The~~Citrus County shall prohibit the artificial alteration of volume, velocity, and timing of river and stream flows into estuarine waters ~~shall not be artificially altered~~ from their long-term seasonal ranges.

Policy CM-1.5.6: ~~Policy 4.7.5~~—Roadways and Surface Waters

~~Citrus County shall prohibit causeways and ensure R~~roadways and bridges shall not interfere with surface water flows and ~~should~~shall be built with appropriate measures to avoid degrading water quality. ~~Causeways shall not be built.~~

Policy CM-1.5.7: ~~Policy 4.1.3~~—Runoff Filtering Requirements

The Citrus County LDC shall contain stormwater design requirements ~~for that~~ include filtering all runoff from ~~lands development~~ adjacent to wetlands and water bodies.

~~Archaeological and Historic Resources~~ **[OBJECTIVE 4.8 AND POLICY MOVED TO G&D]**

~~Objective 4.8 — The protection, preservation, and sensitive reuse of historic resources shall be implemented through the policies below and development of a comprehensive analysis and plan by 2009.~~

~~Policy 4.8.1 — The Community Development Division shall prepare a Historic and Archaeological Analysis Report in 2009.~~

Hurricane Evacuation

Objective CM-1.6: Coastal Management Areas

Citrus County shall utilize Coastal Management Areas (CMAs) to guide planning and resiliency efforts in coastal areas.

Policy CM-1.6.1: Policy 4.10.3 — Coastal High Hazard Area

~~The Citrus County's Coastal High Hazard Area shall incorporate all lands and waters which lie within the Category 1 Hurricane Evacuation Zone storm surge area as established by the National Oceanic and Atmospheric Administration (NOAA) Sea, Lake, and Overland Surges from Hurricanes (SLOSH) model. Such area is generally based upon the surge zone as depicted in the 2014 Citrus County Evacuation Zone Map. The Coastal High Hazard Area boundary and the Limit of Moderate Wave Action (LiMWA) shall be shown on the Land Development Code Atlas.~~

Policy CM-1.6.2: Policy 4.9.6 — Hurricane Vulnerability Zone

~~The Citrus County's hurricane vulnerability zone shall consist of the evacuation areas, from the Tropical Storm through the Category 5 Hurricane Evacuation Zone storm surge area, as identified in the National Oceanic and Atmospheric Administration (NOAA) Sea, Lake, and Overland Surges from Hurricanes (SLOSH) Model in the Storm Tide Atlas in the 2010 Statewide Regional Evacuation Study, Withlacoochee Region (SRES).~~

Policy CM-1.6.3: Vulnerability Assessment

Citrus County shall utilize the findings of the Vulnerability Assessment to identify and establish Adaptation Action Areas (AAAs) and implement strategies that enhance community resilience to storm surge, sea level rise, and coastal flooding.

Policy CM-1.6.4: Adaptation Action Areas

Citrus County shall explore the development of AAAs which identify one or more areas that experience coastal flooding due to extreme high tides and storm surge, and that are vulnerable to the related impacts of rising sea levels for the purpose of prioritizing funding for infrastructure needs and adaptation planning.

Policy CM-1.6.5: Nature-Based Solutions

Citrus County shall evaluate the use of nature-based options such as living seawalls/shorelines, wave attenuation devices, and green stormwater infrastructure in aquatic preserves to improve resilience.

Objective CM-1.7: Hurricane Evacuation and Sheltering

Citrus County shall maintain and improve the County's hurricane evacuation clearance times established by the Regional Evacuation Study and ensure adequate evacuation shelters are provided throughout the County.

Policy CM-1.7.1: ~~Policy 4.9.3~~ Hurricane Evacuation Level of Service

The Citrus County shall maintain the Hurricane Evacuation Level of Service Standard for Out of County evacuation ~~is sixteen (16) hours~~ for a Category 5 storm event established in the Regional Evacuation Study.

Policy CM-1.7.2: ~~Objective 4.9~~ — Hurricane Evacuation LOS Improvements

The Citrus County shall maintain or reduce hurricane evacuation times by requiring that new developments not degrade the existing evacuation Level of Service (LOS).

Policy CM-1.7.3: ~~Policy 4.9.1~~ — Hurricane Evacuation Planning

Citrus County shall maintain and improve the County's Hurricane Evacuation sections of the ~~Peacetime Emergency Plan~~ Local Comprehensive Emergency Management Plan (CEMP) and coordinate the integration of existing evacuation deficiencies into the regional and local evacuation plans.

Policy CM-1.7.4: ~~Policy 4.9.2~~ — At-Risk Population Assessment

The Citrus County Department of Growth Management ~~Geographic Resources and Community Planning Division~~ shall prepare periodic reports at least every seven years on the population at-risk for use in evacuation planning.

~~Policy 4.9.3—The Hurricane Evacuation Level of Service Standard for Out of County evacuation is sixteen (16) hours for a Category 5 storm event.~~

Policy CM-1.7.5: ~~Policy 4.9.4~~—Evacuation Network Flood Improvements

~~Citrus County shall evaluate and identify practicable remedies for flooding problems with A~~all roadway improvements along the County's evacuation network ~~shall include practicable remedies for flooding problems.~~

Policy CM-1.7.6: ~~Policy 4.9.5~~—New Hurricane Shelter Sites

~~Citrus County shall prohibit No~~ new hurricane shelters ~~shall be located~~ within the Category 5 hurricane evacuation area.

Policy CM-1.7.7: ~~Policy 4.9.7~~—Coastal Developments

~~Citrus County shall require D~~development orders issued for developments ~~of within the CHHA regional impact shall to~~ contain conditions which require mitigative measures for impacts on hurricane shelter capacity and hurricane evacuation times for developments which generate a number of evacuating vehicles greater than the evacuation traffic capacity on designated hurricane evacuation routes.

Policy CM-1.7.8: ~~Policy 4.9.8~~—Development Evacuation Criteria

~~Citrus County shall require A~~all proposed Comprehensive Plan Amendments and new developments within the CHHA ~~must to~~ meet the following criteria:

- ~~a.~~(1) The ~~proposed change does not negatively impact the~~ adopted LOS for “out of county” hurricane evacuation ~~is maintained~~ for a category 5 storm event as measured on the Saffir-Simpson scale.
- ~~b.~~(2) A 12 hour evacuation time to shelter is maintained for a category 5 storm event as measured on the Saffir-Simpson scale and shelter space reasonably expected to accommodate the residents of a development

contemplated by the proposed comprehensive plan amendment is available, ~~or~~

Policy CM-1.7.9: Development Evacuation Mitigation

Should the requirements of **Policy CM-1.7.8** not be met, Citrus County may enter into a binding contract with the developer detailing a ~~Appropriate mitigation, is provided that will satisfy Policy 4.9.8 (a), or (b).~~ Appropriate mitigation shall include, without limitation, payment of money, contribution of land, and construction of hurricane shelters and transportation facilities.

~~b.——County shall enter into a binding contract with the developer detailing any required mitigation.~~

~~c.——If the LOS for the host evacuees has not been established the LOS shall not exceed 16 hours for a category 5 event.~~

~~Policy 4.9.9——Citrus County shall assess and adopt regulations in the hurricane vulnerable zone which: (1) limit new development in coastal areas and additional mobile home units; and/or (2) allow new development in coastal areas provided that mitigating measures are established which do not increase hurricane evacuation times; (3) promote land acquisition; and/or (4) establish a fee in lieu program and use those funds generated by fees to support future shelter development.~~

Policy CM-1.7.10: ~~Policy 4.9.10~~——Hurricane Evacuation Shelter Standards

~~The Citrus County shall utilize the American Red Cross (ARC) 4496 Standards for Hurricane Evacuation Shelter Selection Standards (ARC HESS), which includes standards for shelter location, capacity, inventory, and interior safety criteria during hurricane associated hazards as the minimum criteria when evaluating the suitability of a building to serve as a hurricane evacuation shelter.~~

Policy CM-1.7.11: ~~Policy 4.9.11~~ Evacuation Traffic Analysis

~~The Citrus County shall continue to rely upon the Tampa Bay Regional Planning Council to conduct an evacuation traffic analysis using the planned distribution of~~

the County's buildout population. ~~To facilitate this task, the County will utilize a transportation network modeling system. Transportation network modeling shall also be utilized~~ to monitor the impact ~~of large residential projects and of ongoing~~ development on hurricane evacuation times.

Policy CM-1.7.12: Policy 4.9.12 Hurricane Awareness

~~In order to increase public awareness of hurricane hazards, the~~Citrus County shall provide emergency preparedness information and educational opportunities ~~among~~ for all segments of the public.

[FOLLOWING POLICIES MOVED TO OBJ 10-1.9]

~~Policy 4.9.13 Lands within hurricane vulnerable areas, particularly low-lying and shoreline areas shall be targeted for public acquisition to protect the natural and beneficial functions of floodplains.~~

~~Policy 4.9.14 The County should not improve or build public facilities which encourage growth in the Coastal High Hazard Area, except for necessary public services for existing developments or resource based recreation facilities.~~

Policy CM-1.7.13: Policy 4.9.15 Hurricane Mitigation Fund

~~Citrus County shall establish and maintain Aa~~ hurricane mitigation fund ~~shall be established~~ to provide the resources needed for hazard mitigation projects identified in the adopted Local Mitigation Strategy.

Policy CM-1.7.14: Policy 4.9.16 Shelter Mitigation Impact Fee

~~The~~Citrus County shall consider ~~conducting a study the adoption of a for potentially establishing a~~ shelter mitigation impact fee to provide funds for construction of the additional shelter capacity needed as a result of growth.

Policy CM-1.7.15: ~~Policy 4.9.17~~ Mobile Home Hurricane Shelter Requirements

~~Citrus County shall require A~~all new mobile home parks and mobile home subdivisions ~~shall be required~~ to construct a hurricane shelter ~~that meets ARC 4496 standards~~ to shelter at least 70% of the residents of the ~~subdivision~~ development. Such shelters ~~shall not be located within the hurricane vulnerability zone. (per Policy 4.9.5)~~ Alternatively, the developer may pay a fee to the shelter mitigation fund.

[SHELTER CRITERIA IS ALREADY STATED IN PREVIOUS POLICIES NO NEED TO REPEAT]

Policy CM-1.7.16: ~~Policy 4.9.18~~ New Hurricane Shelters

~~The Citrus~~ County shall require all new shelters meet the ARC 4496 Shelter Guidelines ~~as outlined in Appendix A of the Comprehensive Plan.~~

Post-disaster and Coastal High Hazard Area

Coastal High-Hazard Area

Objective CM-1.8: ~~Objective 4.10~~ — Development in CMAs

~~The Citrus~~ County shall direct population concentrations away from the Coastal ~~Management High-Hazard Areas~~ through appropriate regulations in the Land Development Code.

Policy CM-1.8.1: ~~Policy 4.10.1~~ — Coastal Building Code Amendments

~~The Citrus~~ County shall continue to amend its building codes to reflect coastal hazard concerns and the amendments to the ~~Southern Standard~~ Florida Building Code. [SOUTHERN STANDARD NO LONGER EXISTS]

Policy CM-1.8.2: ~~Policy 4.10.2~~ Hurricane Vulnerability Zone Public Facilities

~~Citrus County shall require N~~ew sanitary sewer facilities and on-site sewage systems in the Hurricane ~~Surge Areas (v~~Vulnerability ~~z~~Zone) and areas subject to freshwater flooding ~~shall to~~ be flood proofed and equipped with back flow preventors, respectively.

~~Policy 4.10.3 The Coastal High Hazard Area shall incorporate all lands and waters which lie within the Category 1 Hurricane Evacuation Zone. Such area is generally based upon the surge zone as depicted in the 2014 Citrus County Evacuation Zone Map. The Coastal High Hazard Area boundary and the Limit of Moderate Wave Action (LiMWA) shall be shown on the Land Development Code Atlas.~~

Policy CM-1.8.3: ~~Policy 4.10.4~~ Best Practices for Sea Level Rise

~~Citrus County shall require N~~ew development, redevelopment, and infrastructure in vulnerable areas ~~shall to evaluate the impacts and identify site development techniques and use~~ best practices to address sea level rise ~~and coastal flooding that may reduce losses and flood insurance claims.~~ [PERIL OF FLOOD REQS.]

Policy CM-1.8.4: ~~Policy 4.10.4B~~ Building and Land Development Code Flood Solutions

~~In order to reduce flood risk from, or associated with, the impacts related to sea-level rise, the~~Citrus County will continue to promote the use of the development and redevelopment principles, strategies and engineering solutions contained in the Florida Building Code and the Land Development Code ~~to address flood risk in Coastal Management Areas and remove coastal properties from flood zones.~~ [PERIL OF FLOOD REQS.]

Policy CM-1.8.5: Flood-Resistant Construction

~~Citrus County shall require the use of flood-resistant construction methods contained in the Florida Building Code and applicable flood plain management regulations set forth in 44 C.F.R. part 60.~~ [PERIL OF FLOOD REQS.]

Policy CM-1.8.6: Community Rating System

Citrus County shall continue to participate in the National Flood Insurance Program Community Rating System administered by the Federal Emergency Management Agency to achieve flood insurance premium discounts for residents. [PERIL OF FLOOD REQS.]

Policy CM-1.8.7: Repetitive Loss Properties

Citrus County shall evaluate the potential for acquisition of properties and/or areas that experience repetitive damage from flood and storm events, when funding is available. This policy does not prevent the redevelopment of repetitive loss properties.

[THERE IS NO COASTAL CONSTRUCTION CONTROL LINE ESTABLISHED FOR THE COUNTY – THERE ARE NO BEACHES]

Policy 4.10.5–Population concentration shall be directed away from the Coastal High Hazard Area. [REPETITIVE OF OBJECTIVE]

Policy CM-1.8.8: ~~Policy 4.10.6~~ Damaged Infrastructure

The Citrus County shall relocate or replace infrastructure located in the Coastal High Hazard Areas to limit public losses from various events including, but not limited to, storm damage, hurricanes, severe flooding, Sea Level Rise, abandonment of facilities and/or structures, and tornadoes.

Policy 4.10.7–Lands within hurricane vulnerable areas, particularly low-lying and shoreline areas subject to storm surge shall be targeted for public acquisition to protect the natural and beneficial functions of floodplains. [REPEATED POLICY 4.9.13]

Policy CM-1.8.9: ~~Policy 4.10.8~~ Disaster Preparedness for Specialized Facilities

The Citrus County shall amend the LDC ~~shall to~~ contain additional disaster preparedness requirements for new developments whose residents might have limited mobility and/or demand specialized facilities.

Policy CM-1.8.10: Policy 4.10.8a—Adaptive Development

~~The Citrus~~ County shall encourage adaptive development to reduce potential impacts from disasters and/or climate change.

Policy CM-1.8.11: Policy 4.10.9 Institutional Occupancy in the CHHA

~~No Citrus County shall prohibit~~ new Institutional Occupancy uses (i.e., the use of a building or structure, or a portion thereof, in which care or supervision is provided to persons who are or are not capable of self-preservation without physical assistance or in which persons are detained for penal or correctional purposes or in which the liberty of the occupants is restricted, including, but not limited to; hospitals, nursing homes (24-hour care for 6 or more people), psychiatric hospitals, jails, detention centers, reformatories, pre-release centers and other residential restrained or supervised care facilities) ~~shall be allowed~~ within the Coastal High Hazard Area unless the location has direct access to a Principal Arterial roadway. Existing facilities shall not expand beyond the density/intensity approved as of January 01, 2004, unless an overriding public need can be demonstrated and the site directly accesses a Principal Arterial roadway.

Policy CM-1.8.12: Policy 4.10.10—Construction of R-4 in the CHHA

~~Citrus County shall prohibit the New~~ construction or expansion of R-4 residential occupancy uses, as defined by the latest edition of the Florida Building Code, ~~are not allowed anywhere~~ within the Coastal High Hazard Area unless the site has direct access to a Principal Arterial roadway:

Policy CM-1.8.13: Policy 4.10.10A.—Construction of R-2 in the CHHA

~~Citrus County shall prohibit the New~~ construction or expansion of R-2 residential occupancy uses, as defined by the latest edition of the Florida Building Code, ~~are not allowed~~ within the Coastal High Hazard Area unless all minimum standards of the LDC are met, the proposed development is compatible with surrounding development, the development's access, internal design, and general location do not impede the evacuation of its residents or neighbors, and the project does not negatively impact area evacuation clearance times:

~~Policy 4.10.10B. — New construction or expansion of the R-1 and R-3 residential occupancy uses, as defined by the latest edition of the Florida Building Code, are allowed within the Coastal High Hazard Area.~~

Policy CM-1.8.14: Clustering in the CHHA

~~Citrus County shall encourage E~~Existing undeveloped subdivisions and groupings of lots ~~are encouraged~~ to cluster dwellings rather than develop typical lots and homesites in order to minimize the overall footprint of development in the Coastal High Hazard Area. Such clustering shall not increase density.

Policy CM-1.8.15: ~~Policy 4.10.11~~ — Mobile Home Park Replacement in the CHHA

No new mobile home parks shall be developed within the Coastal High Hazard Area (CHHA) nor shall any existing mobile home park with the CHHA be expanded beyond the number of dwelling units approved as of January 01, 2004. Existing mobile home parks may continue and dwelling units may be maintained, repaired, or replaced as needed, appropriate, and consistent with all other provisions and ordinances. Any replacement mobile home park unit shall be elevated in compliance with current regulations. No lot or parcel within the CHHA, which currently does not allow mobile homes, shall be permitted to change to allow mobile homes.

~~Policy 4.10.12 — The County shall limit the height of structures within the Coastal High Hazard Area. Residential structures shall be limited to no more than two stories above the base flood or finished floor elevation. Areas under elevated residential structures may be used only for parking of vehicles, limited dead storage, and access to the structure, not finished living area. Nonresidential structures shall be limited to four stories above finished grade. Industrial facilities, electric power generation and transmission facilities, mining operations, agricultural operations, dry boat storage at marinas, and Seven Rivers Community Hospital are exempt from this provision. Construction or expansion of exempted facilities shall require the assurance of compatibility with surrounding development and may require additional buffers, setbacks, and similar measures.~~ **[IN LDC: SEC. 3540. COASTAL HIGH HAZARD AREA]**

Policy CM-1.8.16: Policy 4.10.13 — Nonpermanent Residential Uses in the CHHA

Citrus County shall categorize Recreational Vehicle (RV) parks, campgrounds, resorts, motels, hotels, and similar temporary lodging facilities ~~are as~~ commercial uses. Such uses shall not be allowed to convert to permanent residential uses. No increase in residential dwelling unit densities within the Coastal High Hazard Area shall be allowed.

Policy CM-1.8.17: Policy 4.9.14 — CHHA Public Facility Improvement

~~The Citrus~~ County ~~should shall~~ not improve or build public facilities which encourage growth in the Coastal High Hazard Area, except for necessary public services for existing developments or resource based recreation facilities.

Policy CM-1.8.18: Policy 4.9.13 Acquisition of Hurricane Vulnerable Areas

Citrus County shall target Lands within hurricane vulnerable areas, particularly low-lying and shoreline areas ~~shall be targeted~~ for public acquisition to protect the natural and beneficial functions of floodplains.

Policy CM-1.8.19: Policy 4.9.9 Future Hurricane Vulnerable Zone Regulations

Citrus County shall assess and adopt regulations in the hurricane vulnerable zone which:

- (1) ~~(1)~~ Limit new development in coastal areas and additional mobile home units; ~~and/or~~
- (2) ~~(2)~~ Allow new development in coastal areas provided that mitigating measures are established which do not increase hurricane evacuation times;
- (3) ~~(3)~~ Promote land acquisition for preservation purposes; and/or
- (4) ~~(4)~~ Establish a fee in lieu program and use those funds generated by fees to support future shelter development.

Post-Disaster Redevelopment

Policy CM-1.8.20: Policy 4.11.8 — Post Disaster Redevelopment

~~To ensure that the property rights of current residents of the CHHA are protected,~~
the Citrus County shall authorize redevelopment of up to the actual built density/intensity in existence on the property prior to the natural disaster notwithstanding the maximum permitted density/intensity adopted in the GFLUM and LDC Atlas. ~~All such redevelopment shall meet current federal, state, and local construction and development review standards if feasible.~~

Public Access

~~Objective 4.12 — Increase public access to Coastal, Lakes, and River shoreline areas. A public access study shall be completed.~~

Infrastructure **THESE POLICIES ARE REPETITIVE OF INFRASTRUCTURE ELEMENT**

~~Objective 4.13 — The LOS standards, areas of service, and phasing of infrastructure in the Coastal, Lakes, and River areas shall be implemented through requirements in the Infrastructure Element and additional standards under this objective shall be incorporated in the County LDC.~~

Policy CM-1.8.21: Policy 4.13.1 Coastal, Lakes, and River Infrastructure Availability

Infrastructure Citrus County shall ~~be~~ make infrastructure available to serve the development or redevelopment in the Coastal, Lakes, and River areas at densities designated by the ~~GFLUM~~ Future Land Use Map and shall be consistent with coastal resource protection and the maintenance of safe evacuations.

Policy CM-1.8.22: Policy 4.1.4 Coastal, Lakes, and River Sign Standards

~~The County shall adopt and enforce S~~standards for signs along coastal, lakes, and river roadways and shores ~~shall be adopted and enforced~~ to preserve ~~visual amenities~~scenic views.

~~Policy 4.13.2 No development shall be permitted in the coastal area until the required infrastructure, based on adopted LOS's, are available to serve the proposed area to be development or redeveloped.~~

Intergovernmental Coordination **[MOVED TO INTERGOV ELEMENT]**

~~-Coastal, Lakes, and River Resources~~

~~Objective 4.14 — An intergovernmental coordination mechanism shall be established to manage coastal, lakes, and river resources affecting or affected by City of Crystal River and the City of Inverness.~~

~~Policy 4.14.1 The County shall develop joint planning and management programs with the Cities of Crystal River, Inverness, Yankeetown, Inglis, and Dunnellon and the Counties of Hernando, Marion, Sumter, and Levy to:~~

- ~~• Ensure adequate preservation of recreational and commercial working waterfronts including water-dependent and water-related land uses~~
- ~~• Prevent water pollution~~
- ~~• Control and retrofit stormwater runoff and inadequate facilities~~
- ~~• Protect living marine resources~~
- ~~• Reduce exposure to natural hazards~~

- Ensure public access

~~-Resource Protection Plan~~

~~Objective 4.15—The County shall implement appropriate portions of existing resource management plans and establish a mechanism to coordinate with applicable agencies operating/managing resources.~~

~~Policy 4.15.1 The County shall assist and coordinate in the development and adoption of resource and management plans for natural reservations and preservation areas.~~

~~Policy 4.15.2 The Community Development Division shall continue to coordinate all proposals for change of land use, or extension of infrastructure, adjacent or through natural reservations and preservation areas with appropriate public/private agency (ies).~~

~~-Hazard Mitigation Program~~

Objective CM-1.9: Objective 4.16—Hazard Mitigation Program

The Citrus County shall adopt a Hazard Mitigation Program to minimize future losses to Citrus County residents from all disasters by reducing the risk to people and property.

Policy CM-1.9.1: Policy 4.16.1—Local Mitigation Strategy

The Citrus County will pursue a continuing effort~~continue~~ to reduce hazards in accordance with the plans, programs, and activities identified in the latest Citrus County Local Mitigation Strategy, ~~Adopted by the Citrus County Board of County Commissioners on April 26, 2005 by Resolution No. 2005-085.~~

Goal CM-2: GOAL #20—Manatee Protection Plan

To protect and enhance the recovery of the West Indian (Florida) manatee to a viable self-sustaining population.

Manatee-Human Overlap

Objective CM-2.1: Objective 20.1 Manatee-Human Overlap

~~The Citrus~~ County recognizes that human activities in Citrus County coastal waters may conflict with manatee activities and that such conflict can directly or indirectly result in manatee harassment, injury, or death. To prevent the occurrence of manatee/human interaction, which results in manatee harassment, injury, or death, the County will implement and enforce FWC /USFWS approved site specific protective measures.

Site Specific Protective Measures

Policy CM-2.1.1: Policy 20.1.1—Site Specific Protective Measures

~~Citrus County shall~~ implement and enforce the Site Specific Protective Measures on Citrus County waters which have been approved by FWC/USFWS, and adopted by state rule or local ordinance.

Policy CM-2.1.2: Policy 20.1.2—Evaluation of Site Specific Protective Measures

~~The Citrus County/Manatee Plan Committee~~ Board of County Commissioners ~~will~~ shall evaluate the effectiveness of the Site Specific Protective Measures to prevent the occurrence of manatee harassment, injury, and death.

Policy CM-2.1.3: Policy 20.1.3—Regulatory Signage

~~Citrus County shall~~ ~~Mm~~ maintain the informational and regulatory signage necessary to enforce ~~DEPFWC~~-installed protective speed zones.

Policy CM-2.1.4: ~~Policy 20.1.4~~ Evaluation of Regulatory Signage

~~Citrus County shall, On~~ at least an annual basis, evaluate and conduct necessary actions to ensure that: ~~worn out~~deteriorating/illegible speed zone signs are replaced, signs located properly, and signs are consistent with State standards throughout the coastal water area.

Harassment

Policy CM-2.1.5: ~~Policy 20.1.5~~ Harassment

~~In recognition of the increasing population of manatees using Kings Bay as warm water refugia, the Citrus County will~~ shall continue to monitor the sanctuary designation process ~~and to participate as a member of the Manatee Advisory Committee.~~ **[MANATEE ADVISORY COMMITTEE IS NO LONGER ACTIVE – NOW A FUNCTION OF BOCC.]**

Law Enforcement

Policy CM-2.1.6: ~~Policy 20.1.6~~ Law Enforcement

~~Citrus County shall~~ Concentrate enforcement activities seasonally as appropriate in County waters.

Policy CM-2.1.7: ~~Policy 20.1.7~~ Law Enforcement Coordination

~~Citrus County shall~~ Conduct an annual meeting of the Sheriff's ~~Office~~ Department Marine Enforcement Unit, ~~the Florida Marine Patrol~~ FWC, and USFWS enforcement personnel prior to the beginning of the manatee wintering season (10/31 – 3/31). These meetings shall address enforcement strategies and critical enforcement periods for each coastal water body.

Policy CM-2.1.8: ~~Policy 20.1.8~~ Patrol Areas of Critical Habitat

The ~~Citrus~~ County ~~will~~ shall implement a program to patrol areas of critical concern of the habitat of the manatee through the local Sheriff's ~~Office Department~~ and encourage ~~FWC the Florida Marine Patrol~~ to do the same.

Land Development

Marina/Boat Facilities

Objective CM-2.2: ~~Objective 20.2~~ Marina/Boat Facilities

~~Citrus County shall~~ Require new marina/boat facilities and boat ramps in the coastal waters of Citrus County to be located on sites which:

- ~~(1)~~ Minimize manatee/boat overlap
- ~~(2)~~ Minimize the disturbance of wetlands.

Sites which meet both criteria have been identified as suitable sites for new facilities in ~~Figure 13-11~~ Map MPP – 13 of this Plan. -If a site meets Criteria 1 but does not meet Criteria 2, then mitigation of wetlands in compliance with Chapter Four of the Land Development Code (LDC) will be required to protect natural resources as stated in this Plan. -Any area which does not meet Criteria 1 may not be developed for marina/boat facilities and boat ramps.

Policy CM-2.2.1: ~~Policy 20.2.1~~ Consistency of Development with Existing Protection Plans

~~Citrus County shall~~ Support development of the Cross Florida Greenway and Barge Canal to be consistent with the Greenway Master Plan, Comprehensive Plan, and with existing resource protection plans, which limits specific and cumulative impacts on water quality and living marine resources, and restricts activities known to adversely affect the survival of the manatee under their jurisdiction.

Policy CM-2.2.2: ~~Policy 20.2.2~~ New Boat Ramps in Non-Essential Habitat

~~Citrus County shall permit N~~new boat ramps ~~may be permitted~~ on locations which do not meet the siting criteria if the location is not in an Essential Habitat area (~~Figure 13-13~~Map MPP – 13) and an existing boat ramp facility of similar capacity within an Essential Habitat Area is permanently closed. ~~Nothing in this policy shall be construed to prohibit safety improvements to existing public boat ramps.~~

Policy CM-2.2.3: ~~Policy 20.2.3~~ Increased Boater Education

~~Citrus County shall U~~utilize brochures, signage, and other public relation tools to encourage boaters whose destination is the Gulf, to use boat ramps which reduces their potential boat/manatee overlap to a minimum, instead of unnecessarily navigating critical habitats or other coastal rivers in which manatees are known to congregate.

Residential Dock Density

Objective CM-2.3: ~~Objective 20.3~~ Residential Dock Density

~~In an effort to limit the number of areas where boating activities and manatee activities overlap, new or expanded residential dock facilities in the coastal waters of~~ Citrus County shall ~~be limited~~ new or expanded residential dock facilities in the coastal waters of Citrus County to a density of one boat slip per 100 feet of owned-shoreline when such waters are located in Essential Habitat Areas as defined by this Plan and depicted in ~~Figure 13-12~~Map MPP – 13 of this Plan. ~~Vested existing multifamily projects within Essential Habitat Areas may include multi-slip docks having a density no greater than two boat slips per 100 feet owned-shoreline. Outside essential habitat areas, residential projects may include multi-slip docks having a density of no more than two boat slips per 100 feet of owned-shoreline.~~

Policy CM-2.3.1: ~~Policy 20.3.1~~ Existing Residential Dock Siting Limitations

~~Citrus County shall The residential docking facilities criteria in this plan should not be interpreted~~ the residential docking facilities criteria in this plan to allow more

boat slips than is prudent upon consideration of affected wetlands, navigability, depth of water, and other siting limitation as deemed appropriate by regulatory agencies.

Policy CM-2.3.2: ~~Policy 20.3.2~~ Consistency of Residential Dock Development with Existing Regulations

~~Citrus County Development of residential docks~~ shall ensure development of residential docks conform to all other comprehensive plan policies, County codes, and other agency regulations.

Residential Dock Design

Objective CM-2.4: ~~Objective 20.4~~ — Residential Dock Design

~~Docks, mooring pilings, and other such structures proposed for location in the coastal waters of~~ Citrus County shall require docks, mooring pilings, and other such structures proposed for location in the coastal waters of Citrus County to be built in a manner which reduces or eliminates the impact of these structures on the manatee and the physical and biological resources on which it depends. -This will be accomplished through the enforcement of construction standards which limit dock intrusion into waterways; eliminate dredge and fill related to residential dock construction; and require submerged structures to be designed in a manner which will prevent injury to manatees, as identified in this Plan.

Policy CM-2.4.1: ~~Policy 20.4.1~~ Dock Facility Conflicts with Designated Channels

~~Docks, mooring pilings, or other such structures~~ Citrus County shall prohibit not docks, mooring pilings, or other such structures from extending within 100 feet of a federal navigation project channel as defined in subsection Section 253.03(10), Florida Statutes, or a channel marked by any governmental agency.

Policy CM-2.4.2: Policy 20.4.2 Adequate Water Depth for Dock Facilities

~~Docks, mooring pilings, or other such structures~~ Citrus County shall ensure docks, mooring pilings, or other such structures be placed in locations ~~having with~~ adequate water depth. Docking facilities shall be located in waters having adequate depths for boat mooring, turning basin, access channels, and other such areas which will accommodate the proposed boat use in order to ensure that a minimum of one foot clearance is provided between the deepest draft of a vessel and the bottom at mean low water.

Policy CM-2.4.3: Policy 20.4.3 — Dock Facility Maximum Length

~~No dock~~ Citrus County shall ~~prohibit docks from~~ extending waterward of the mean or ordinary high water line more than 200 feet over sovereignty, submerged land, or more than 25 percent of the width of the waterway at that particular location, whichever is less.

Policy CM-2.4.4: Policy 20.4.4 — Manatee Sensitive Design of Dock Facilities

~~Docks, mooring pilings, conveyance structures, or other such structures~~ Citrus County shall ~~require docks, mooring pilings, conveyance structures, or other such structures to~~ be designed to prevent entrapment or injury to manatees (adult, juvenile, or calf).

Policy CM-2.4.5: Policy 20.4.5 Prohibition of Dredging or Filling for Dock Facilities

~~No residential docking facility~~ Citrus County shall ~~be not~~ approved a residential docking facility which requires either dredging or filling to provide access by canal, channel, road, or any other means.

Policy CM-2.4.6: Policy 20.4.6 — Single Family Docks Criteria

~~Single family docks~~ Citrus County shall ~~require single family docks to~~ conform to the following criteria:

- (1)Applicable state and federal regulations; and
- (2)The dock decking design and construction will ensure maximum light penetration, with full consideration of safety and practicality.

Policy CM-2.4.7: Policy 20.4.7 — Multi-Slip Residential Docks **Criteria**

~~Multi-slip residential docks~~Citrus County shall ~~require multi-slip residential docks~~ to conform to the following criteria:

- (1)Applicable state and federal regulations; and
- (2)The dock decking design and construction will ensure maximum light penetration, with full consideration of safety and practicality.

Policy CM-2.4.8: Policy 20.4.8 — Site Specific Dock Design **Standards**

~~Because of the variety of types of shorelines in~~ Citrus County ~~shall consider~~, dock design standards ~~should be~~ based on location specific criteria, which recognize the levels of shoreline and aquatic vegetation, local boat traffic, local water depths, and the manatee habitat importance of a given area.

Water Quality and Vegetation

-Water Quality Restoration

Objective CM-2.5: Objective 20.5 — Water Quality Restoration

~~Manatees are aquatic herbivores and may be susceptible to a variety of water contaminants including pesticides, herbicides, industrial byproducts, and pathogens associated with human sewage (Packard, 1983).~~ Citrus County shall ~~M~~maintain or improve ambient water quality in the coastal waters, in coordination with the Chassahowitzka River, Crystal River/Kings Bay, and Homosassa River Surface Water

Improvement and Management Plans (SWIM), at or above levels which ensure that no manatee mortality can be attributed to surface or groundwater pollution.

Policy CM-2.5.1: ~~Policy 20.5.1~~ Surface Water Improvement and Management Plans (SWIM)

Citrus County shall ~~S~~support and assist in the implementation of the programs and projects called for by the Chassahowitzka River, Crystal River/Kings Bay, and Homosassa River Surface Water Improvement and Management Plans (SWIM) intended to improve water quality in Chassahowitzka River, Crystal River/Kings Bay, and Homosassa River by providing SWIM with local information and reviewing studies and proposals for research and water quality improvement projects.

Policy CM-2.5.2: ~~Policy 20.5.2~~ Surface Water Quality Programs

Citrus County shall ~~ti~~implement surface water quality programs and plans for the Homosassa, Chassahowitzka, and Withlacoochee Rivers ~~as called for by the Conservation Element and Coastal, Lakes, and River Management Element of the Comprehensive Plan.~~

Policy CM-2.5.3: ~~Policy 20.5.3~~ Countywide Surface Water Quality

Citrus County shall ~~D~~develop specific recommendations to improve and sustain surface water quality in Citrus County.

Policy CM-2.5.4: ~~Policy 20.5.4~~ Maximum Acceptable Levels of Water Contaminants

Citrus County shall, ~~W~~with the assistance of SWFWMD, FDEP and SWIM, investigate and establish criteria for maximum acceptable levels of water contaminants including pesticides, herbicides, industrial byproducts, and pathogens associated with human sewage, which have been shown to have a detrimental effect on manatees.

Policy CM-2.5.5: ~~Policy 20.5.5~~ Water Contaminant Monitoring

~~Citrus County shall, W~~with the assistance of SWFWMD, ~~F~~DEP and SWIM, monitor levels of water contaminants which have been shown to have a detrimental effect on manatees.

~~-Aquatic Plant Control~~

Objective CM-2.6: ~~Objective 20.6~~ —Aquatic Plant Control

~~Food sources utilized by manatees may be directly affected by aquatic weed control (Packard, 1983). Citrus County shall E~~continue to develop and use techniques for aquatic weed control in the coastal waters which will reduce levels of toxicity in manatee food sources such that no manatee mortality can be attributed to toxicosis from weed control herbicides.

Policy CM-2.6.1: ~~Policy 20.6.1~~ Retention of Aquatic Vegetation

~~Aquatic vegetation Citrus County~~ shall ~~be~~ retained aquatic vegetation in essential manatee foraging areas through the use of mechanical harvesting and other alternate means. - This policy shall not be construed to prohibit the use of a combination of ~~F~~DEP/USFWS approved herbicide and mechanical treatments during non-winter months (April through September), in accordance with the Summer/Winter Treatment Plan and local representatives from USFWS, USACE~~AOE~~, ~~F~~DEP, MTAGBOCC, and DAS-Citrus County.

Policy CM-2.6.2: ~~Policy 20.6.2~~ Annual Treatment Plan Coordination

~~Citrus County shall E~~continue to hold annual meetings, which include local representatives from USFWS, AOE~~USACE~~, ~~F~~DEP, MTAGBOCC, and the Citrus County Division of Aquatic Services to evaluate the effectiveness of the Summer/Winter Treatment Plan for Citrus County coastal waters in preserving adequate food resources for manatees. -Any changes to the Treatment Plan between annual meetings should be reviewed by the aforementioned representatives.

Policy CM-2.6.3: ~~Policy 20.6.3~~ Maintenance of Manatee Food

Resources

~~In the event of a significant decrease in the quantity of aquatic weeds due to natural phenomena or new chemical controls,~~ Citrus County shall, in the event of a significant decrease in the quantity of aquatic weeds due to natural phenomena or new chemical controls, ensure that manatee food resources in Essential Habitat Areas are maintained at levels recommended by the USFWS.

Policy CM-2.6.4: ~~Policy 20.6.4~~ — ~~Citizen-Initiated Aquatic Plant Control~~

~~All citizen-initiated aquatic plant control activities~~ Citrus County shall be channeled all citizen-initiated aquatic plant control activities through the Florida DEP, ~~and the County's Aquatic Plant Management office in Floral City Services Division.~~

Habitat Protection

Objective CM-2.7: ~~Objective 20.7~~ — ~~Habitat Protection~~

~~In order to ensure that manatees can continue to use the physical and biological resources essential to keeping them free from harm and harassment,~~ Citrus County shall acquire or establish protective status for all areas of the habitat system in Citrus County which are essential to the survival and recovery of the manatee.

Policy CM-2.7.1: ~~Policy 20.7.1~~ Mitigation of Disturbed Habitat

Resources

Citrus County shall incorporate provisions into the LDC which provide for incentives for mitigation of disturbed habitat resources where redevelopment of coastal properties ~~occu~~occurs.

Policy CM-2.7.2: ~~Policy 20.7.2~~ Conservation Fees and Easements

Citrus County shall incorporate provisions in the LDC which provide for conservation of habitat through fee simple donations and conservation easements.

Policy CM-2.7.3: ~~Policy 20.7.3~~ Evaluation of New Designated Manatee Habitats

~~Citrus County shall~~ Actively support and assist in the evaluation of the Homosassa, Salt, Withlacoochee, and Chassahowitzka Rivers and the St. Martins Marsh as designated Critical Habitats (Federal designation) or Essential Habitats (State designation) of the Florida Manatee and Kings Bay/Crystal River as an Aquatic Preserve by submitting petitions, by initiation of commission resolutions, and by monitoring these federal and state designation processes.

Policy CM-2.7.4: ~~Policy 20.7.4~~ Acquisition of Essential Habitat

~~Citrus County shall, Ww~~ith assistance from State and/or Federal agencies, select and purchase essential habitat coastal property on the Withlacoochee River, Crystal River, and/or the Homosassa River, which will preserve manatee habitat resources, accommodate manatee education facilities, and provide passive recreation opportunities to Citrus County residents.

Policy CM-2.7.5: ~~Policy 20.7.5~~ Evaluation of Manatee Habitat Needs

The ~~Manatee Plan Committee/Manatee Advisory Committee~~Board of County Commissioners, in collaboration with FDEP and USFWS, shall review and assess the habitat recommendation needs for the manatee. -The evaluation and recommended needs shall include, at a minimum, conservation acquisitions, critical habitat designation evaluations, and conservation easements. -This set of evaluations shall be conducted annually.

Warm Water Refugia

Volume and Salinity of Spring Water

Objective CM-2.8: ~~Objective 20.8~~——Volume and Salinity of Spring Water

~~The quantity or salinity of water flowing from natural springs in Kings Bay or Homosassa River may be altered by increased water withdrawals from the aquifer or the reduction of recharge areas. If the volume of water flowing from springs decreases, water~~

temperature around springs may drop, increasing manatees' exposure to cold waters and its associated health risks (Packard, 1983). Changes in slow rates could also result in changes to the aquatic vegetative community composition and volume, which could, in turn, impact manatee survival/use of the area. In coordination with Southwest Florida Water Management District (SWFWMD), Citrus County shall, in coordination with the South Florida Water Management District (SWFWMD), regulate and monitor consumptive water withdrawals, which would result in a decrease of the average winter water temperature or an increase in the level of salinity in the springs that manatees depend upon for warm water habitat.

Policy CM-2.8.1: ~~Policy 20.8.1~~ Monitoring of Florida Safe Drinking Water Act Public Wells

Citrus County shall ~~R~~require, by local ordinance, the monitoring of the water quality of all Florida Safe Drinking Water Act (FSDWA) public wells and consumptive water use of all major public well heads.

Policy CM-2.8.2: ~~Policy 20.8.2~~ Monitoring of Manatee Habitat Waters

Citrus County shall ~~S~~support the establishment of a monitoring program for coastal spring water flow, warm water refugia, and sanctuary water salinity by providing assistance with data collection to SWFWMD, ~~F~~DEP, and USFWS.

Policy CM-2.8.3: ~~Policy 20.8.3~~ Evaluation of Historical Flows

~~In coordination with SWIM, the Citrus~~ County shall evaluate the potential for restoring historical flows from springs and sinks within the coastal river basins ~~in coordination with the SWIM plans.~~

Artificial Refugia

Policy CM-2.8.4: ~~Objective 20.9~~ — Artificial Refugia

Citrus County shall ~~require R~~reporting requirements for power plant retirements, shutdowns, and outages ~~shall~~ be handled through the National Pollution Discharge Elimination System (NPDES) permit process. **[THERE ARE NO POLICIES ASSOCIATED WITH THIS OBJECTIVE- CHANGED TO A POLICY]**

Education and Awareness

Objective CM-2.9: ~~Objective 20.10~~——Education and Awareness

~~In an effort to~~To eliminate harassment of and injury to manatees and to create additional public support for their protection and recovery, Citrus County shall provide support to organizations and agencies sponsoring manatee education and awareness programs through the distribution of information, participation in activities, and the development of interpretive materials and signs, as identified in this Plan.

Policy CM-2.9.1: ~~Policy 20.10.1~~Distribution of Manatee Related Documents

Citrus County shall ~~Dd~~istribute manatee-related documents and materials to all organizations and individuals who request them.

Policy CM-2.9.2: ~~Policy 20.10.2~~——Establishment of a Manatee Education Center

Citrus County shall ~~Ss~~upport the establishment of an additional USFWS/~~F~~DEP Interpretive/Education Center in the Crystal River area by aiding in the evaluation of prospective sites and assisting with planning documents.

Policy CM-2.9.3: ~~Policy 20.10.3~~——Incorporation of Manatee Awareness in Public Education

~~The~~Citrus County shall incorporate manatee awareness and protection materials into its public education program on the protection of estuarine, river, and lake natural resources and in emergency management materials distributed to Citrus and Levy County coastal residents. ~~-~~All new manatee protection educational materials prepared by the County shall be reviewed by FWC or USFWS for accuracy and appropriateness.

Policy CM-2.9.4: Policy 20.10.4——Manatee Protection/Awareness Distribution

~~Manatee protection/awareness information~~ Citrus County shall ~~be posted~~ manatee protection/awareness information at each public access to Essential Habitat waters and at private /commercial access points where permission of the owner is obtained. ~~Other informational delivery systems such as radio broadcasts will also be used when possible.~~

Policy CM-2.9.5: Policy 20.10.5——Manatee Awareness Signage

Citrus County shall ~~install~~ interpretive signs/public notice boards throughout the coastal area, including all coastal area, private, and public shorelines and water-use access sites. ~~Include information on what constitutes harassment of manatees and what the penalties for committing harassment are.~~

Policy CM-2.9.6: Policy 20.10.6——Manatee Protection Information Provision

Citrus County shall ~~provide~~ manatee protection information and materials to Chambers of Commerce and other groups and businesses which request it.

Policy CM-2.9.7: Policy 20.10.7——Herbicide Literature for Waterfront Residents

Citrus County shall ~~provide~~ waterfront residents with FDEP literature on laws and penalties regarding unpermitted application of herbicides.

Policy CM-2.9.8: Policy 20.10.8——Manatee Education Websites

Citrus County shall ~~support~~ the development of manatee education sites on the Internet.

Governmental Coordination

Objective CM-2.10: Objective 20.11—Governmental Coordination

~~To ensure that the development-related policies of this plan are implemented, Citrus County shall~~ incorporate the provisions and references necessary to implement this plan into the appropriate administrative and substantive sections of the County's ordinance. ~~This shall be accomplished through adoption of this plan as the Manatee Protection Element of the Comprehensive Plan and the subsequent ordinance to bring it into compliance with this element.~~

Policy CM-2.10.1: Policy 20.11.1—Coordination of Permitting Procedures

~~Prior to the issuance of a local permit, Citrus County shall~~ assure that all proposed waterfront development has complied with the permitting procedures and standards with ~~ACOEUSACE~~, FDEP, FWC, USFWS, and SWFWMD.

Policy CM-2.10.2: Policy 20.11.2—Changes to Manatee Protection Ordinance

The ~~Board of County Commissioners, in collaboration with FDEP and USFWS, Manatee Plan Committee and/or Manatee Advisory Committee~~ shall review proposed changes in the Manatee Protection Ordinance, which are related to manatee protection.

Policy CM-2.10.3: Policy 20.11.3—Boat Traffic and Recreational Use Study of Crystal River and Kings Bay

~~Citrus County shall S~~support a boat traffic and recreational use capacity study for Kings Bay and the Crystal River and determine whether the projected levels of recreational use of these waters will conflict with manatee recovery. ~~The Board of County Commissioners, in collaboration with FDEP and USFWS Manatee Plan Committee and/or Manatee Advisory Committee~~ will use the findings of this study to determine if additional protection measures to assure manatee recovery are not inhibited or needed.

Objective CM-2.11: Objective 20.12—Manatee Protection Plan Implementation and Amendments

~~Through the Manatee Advisory Committee and/or Manatee Plan Committee, Citrus County shall~~ provide a forum in which the implementation and amendment of this plan may be reviewed, monitored, and coordinated with other organizations and agencies involved in manatee protection and regulation ~~through the Board of County Commissioners.~~

Policy CM-2.11.1: Policy 20.12.1 Implementation of the Manatee Protection Plan

~~Implementation of this plan Citrus County shall be implement the Manatee Protection Plan in coordinationed with the Board of County Commissioners Manatee Advisory Committee of Citrus County~~ and the various regulatory agencies.

Policy CM-2.11.2: Policy 20.12.2—Annual Coordination of Manatee Protection Plan

~~Citrus County shall~~ conduct at least one meeting per year ~~with the Board of County Commissioners of the Manatee Plan Committee and/or Manatee Advisory Committee of Citrus County~~ to review and prepare recommendations on changes to the Manatee Protection Plan at a time which allows for such recommendations to be completed before the deadline for the following Comprehensive Plan amendment process.

Policy CM-2.11.3: Policy 20.12.3—Consistency with Florida Manatee Recovery Plan

The Florida Manatee Recovery Plan is a document prepared for the USFWS by the multi-organization Florida Manatee Recovery Team, which explains the actions necessary to permit the Florida Manatee population to build-up to a point of recovery. This Citrus County Manatee Protection Plan reflects those elements of the Recovery Plan, which the County believes it is capable of implementing. On an annual basis, ~~The Board of County Commissioners, in collaboration with FDEP and USFWS, Manatee Plan Committee~~ shall review the Manatee Protection Plan and the County's implementation efforts to determine if they are consistent with the Florida

Manatee Recovery Plan and recommend any actions necessary to achieve consistency on an annual basis.