

# Goals, Objectives and Policies

Section 5



## SECTION 5 - GOALS, OBJECTIVES, AND POLICIES

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### 5.0 GOALS, OBJECTIVES, AND POLICIES SUPPORTING WATER SUPPLY PLANNING

There are numerous Goals, Objectives, and Policies (GOPs) found within the City of Coconut Creek's Comprehensive Plan, which support the City's Water Supply Facilities Work Plan. These can be found within the following sub-elements of the City's Comprehensive Plan:

- Infrastructure (Potable Water)
- Infrastructure (Drainage and Aquifer Recharge)
- Conservation
- Capital Improvements
- Intergovernmental Coordination

Below please find the supporting GOPs from each of these elements as modified by this update.

#### INFRASTRUCTURE ELEMENT

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##### GOAL V-a

**Provide for an adequate supply of potable water meeting all federal, state and local quality standards to serve the needs of residents, visitors, and businesses within the City of Coconut Creek and its service area.**

##### Objective V-a -1

**Continue to coordinate with Broward County and the City of Margate to ensure that the adopted level of service standards for potable water are maintained to meet the City's current and anticipated demands.**

##### Policy V-a-1.1

The City of Coconut Creek shall maintain the large user agreement with Broward County for supply of potable water to the City's service area. To ensure adequate water supply to Coconut Creek, the City shall monitor the existing water consumption and review the projected future demand with the County on a yearly basis. The City will reimburse the County for treatment plant expansion by payments of water impact fees on a pro-rata share basis.

##### Policy V-a-1.2

The potable water level of service (LOS) standard to assess adequacy of service and concurrency for the Broward County potable water service

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area within the City shall be that adopted by the Broward County Commission for Coconut Creek which is the flow information contained in the Florida Department of Environmental Protection (FDEP) permit application; the flow estimate information contained in the FDEP permit application shall be used by BCWWS to assess adequacy of treatment plant capacity for Coconut Creek as bulk purchaser of potable water. For each specific type of use, the ERUs shall be determined using the Equivalent Residential Unit Factor Schedule provided by BCWWS, which is based on the following:

~~220 gallons per day average demand per ERU.~~

~~300 gallons per day maximum day demand per ERU.~~

### Policy V-a-1.3

The level of service standards adopted by the City of Margate for their potable water facilities of 335 gallons per day per equivalent residential connection for capacity and 3,000 gallons per minute with a residual pressure of 20 pounds per square inch for storage and distribution configuration shall be the adopted standards utilized to assess adequacy of service for development in the Margate service area within Coconut Creek.

### Policy V-a-1.4

Consistent with the large user agreement with Broward County and the level of service standard adopted by Broward County, the service provider, the Equivalent Residential Unit Factor Schedule provided by BCWWS shall be utilized to assess adequacy of service for the County BCWWS service area within the City of Coconut Creek:

<b>Facility Type</b>	<b>Water Use</b>
Residential	
Per Capita	100 gpd
Single Family/Townhome	300 gpd
Multi Family	245 gpd per unit
Retail	0.2 gpd per square foot
Office	0.2 gpd per square foot
Restaurant	0.8 gpd per square foot
Warehouse	0.1 gpd per square foot
Automobile Service Station	
vehicle repair	0.1 gpd per square foot
fuel pumping	165 gpd per pump

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### **Policy V-a-1.5**

Within one year after the adoption by Broward County or the City of Margate of any amendment to the potable water facilities LOS standard which applies to Coconut Creek, the City shall amend the affected LOS standards in the Coconut Creek Comprehensive Plan as necessary to maintain consistency.

### **Policy V-a-1.6**

To ensure adequate water supply to the Southcreek area, the City shall monitor the existing water consumption and review the projected future demand with the City of Margate on a yearly basis.

### **Policy V-a-1.7**

The City shall monitor the County's Retail Service Water and Wastewater Master Plan Update, particularly in terms of projected capacity surpluses and deficiencies for the long-term planning horizon and proposed strategies to meet the City's potable water needs.

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### **Policy V-a-1.9**

Within 12 months of receiving official communication from the SFWMD of recommended alternative water supply projects which apply to the City, the City shall notify the SFWMD of the projects which will be implemented, the quantity of water to be produced and the status of implementing projects.

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### **Policy V-a-1.11**

The City shall report annually to the SFWMD the status of implementation of alternative water supply projects adopted by the City.

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### **Objective V-a-3**

**Continue to promote conservation of potable water resources and implement specific water conservation programs in order to reduce the average daily per capita water consumption by two percent by 2010 LOS established in Policy V-a-1.4.**

### **Policy V-a-3.1**

The City shall continue to implement Land Development Code provisions which incorporate the strategies, guidelines and regulations of the South Florida Water Management District, the Department of Environmental Protection and other state or federal agencies that protect the ground water and conserve potable water resources, including but not limited to discouraging the use of potable water for landscape irrigation, promoting the use of native species which would minimize the use of water for

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irrigation, and requiring all potential occupants of industrial parks to have an approved wastewater reuse plan.

### **Policy V-a-3.2**

The City shall continue to actively cooperate with the efforts of Broward County and the municipalities in the northwest sector of the County to finance and install the infrastructure needed to bring ~~reuse~~ reclaimed water to the City to promote water conservation.

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### **Objective V-a-4**

**Coordinate ongoing engineering, planning, and development activities to promote the delivery of potable water services in a cost-effective manner to maximize the use of the existing system and discourage urban sprawl. Continue to require the use of potable water supplied by the City and discourage the use of individual water wells through implementation of the Land Development Code.**

### **Policy V-a-4.1**

The City shall continue to maintain and implement Land Development Code provisions, which are consistent with the policies and regulations of the Department of Environmental Protection and Broward County regarding the use of City potable water. Applicants for development permits shall be required to utilize existing potable water facilities where potable water supplies are within one-quarter mile from the proposed subdivision or 100 feet from a single family unit.

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### **GOAL V-d**

**Eliminate flooding problems, promote the recharge of the Biscayne aquifer, and protect the quality of surface and ground water resources.**

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### **Objective V-d-5**

**Continue to promote the functions of natural ground water recharge areas and natural drainage features. (B.C.P.C. 06.01.00)**

#### **Policy V-d-5.1**

Continue to use the design criteria established by the Broward County Water Management Division, which require developments to maintain a higher water table in the natural area to preserve the native vegetation.

#### **Policy V-d-5.2**

Encourage the use of natural preserve areas for retention/detention purposes for on-site runoff.

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### **Policy V-d-5.3**

Continue to implement Broward County and Coconut Creek ordinances that require all new or existing developments preserve natural areas of significant concern for environmental and public purposes.

### **Policy V-d-5.4**

Protect the minimal seasonal flows and the levels of surface watercourses, as established by the South Florida Water Management District. This policy shall be implemented through the work of the Cocomar Water Control District.

### **Policy V-d-5.5**

The City shall cooperate with the efforts of the South Florida Water Management District, Broward County and the Cocomar Water Control District to implement applicable portions of the Lower East Coast Regional Water Supply Plan intended to reduce losses of excess stormwater to tide, recharge the surficial aquifer and Water Preserve Areas, or provide additional storage of surface waters.

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## **CONSERVATION ELEMENT**

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### **GOAL VI**

**Conserve, protect, and appropriately manage the use of natural resources within Coconut Creek to maintain and enhance environmental quality.**

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#### **Objective VI-4**

**Continue to reduce average daily per capita water demand.**

#### **Policy VI-4.1**

Continue to contribute to the reduction of water demand by requiring the use of low water use vegetation in landscaping (xeriscape).

#### **Policy VI-4.2**

Reduce per capita water demand by implementation of a year-round public information and education program promoting residential water conservation.

#### **Policy VI-4.3**

The City in cooperation with the South Florida Water Management District shall plug abandoned, free-flowing artesian wells.

#### **Policy VI-4.4**

The City shall require all potential occupants of industrial parks to have an approved wastewater reuse plan.

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### **Policy VI-4.5**

The City shall cooperate with the South Florida Water Management District's water conservation programs.

### **Policy VI-4.6**

The City shall continue to implement emergency water conservation measures and impose penalties for violations in accordance with the water emergency provisions within the Coconut Creek City Code and regulations adopted by the South Florida Water Management District.

### **Policy VI-4.7**

The City shall adopt and implement standards for the MainStreet project to encourage water and energy conservation through innovative "green" building techniques.

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### **Objective VI-5**

**Protect and preserve the quality and quantity of surface waters and current and projected water supply sources within the City.**

#### **Policy VI-5.1**

The City shall cooperate with the Broward County Public Health Department, Florida Department of Health and the Broward County Environmental Protection Department to locate and monitor all septic tanks within the City to ensure compliance with effluent standards.

#### **Policy VI-5.2**

The City shall continue to implement the stormwater management program established within the Coconut Creek Land Development Code consistent with the standards of the Cocomar ~~Drainage~~ Water Control District which includes:

- a) Requirements for creation of storm swale drainage retention systems and canal and shoreline buffer zones adjacent to surface water bodies to utilize natural vegetation as a stormwater run-off filtration mechanism.
- b) General design and construction standards for new developments to reduce pollutant loads that could enter drainage canals or other surface waters.
- c) Cooperation with the monitoring and enforcement of stormwater management systems and treatment practices for compliance with permit conditions established by the South Florida Water Management District or the Cocomar ~~Drainage~~ Water Control District.

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### **Policy VI-5.3**

The City shall continue to cooperate with Broward County EPD and SFWMD efforts to monitor ground water quality and quantity.

### **Policy VI-5.4**

The City shall continue to prohibit the deposit of solid waste, including industrial waste, that could create a health or environmental hazard upon any lot, park, or in any canal or waterway within the City in order to protect groundwater quality.

### **Policy VI-5.5**

The City shall continue to cooperate with the County in enforcing the County's wellfield protection ordinance.

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### **Policy VI-5.7**

The City shall establish and implement standards for development within the MainStreet project to minimize negative water quality impacts from runoff, through the use of such measures as porous paving and "green" roofs.

### **Policy VI-5.8**

The City shall adopt alternative water supply projects as part of a 10-Year Water Supply Facilities Work Plan consistent with the Broward County and Margate Work Plans and the Lower East Coast Regional Water Supply Plan of the South Florida Water Management District.

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## **INTERGOVERNMENTAL COORDINATION ELEMENT**

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### **GOAL VIII**

**Provide accessible, effective and frequent intergovernmental coordination opportunities to identify and implement compatible goals, objectives, and policies regarding development activities and public service provision within the City and its surroundings.**

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#### **Objective VIII-3**

**The City of Coconut Creek shall maintain coordination mechanisms with any state, regional, county, or local entities that have either operational or maintenance responsibilities for public facilities that serve the City or establish the level of service standards for the City of Coconut Creek.**

#### **Policy III-3.1**

The City of Coconut Creek Utilities and Engineering Department shall annually review the water and sewer interlocal Large User agreement with



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Broward County Water and Wastewater Services (BCWWS) to ensure capacities adequate to maintain established levels of service.

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### **Policy VIII-3.4**

The Coconut Creek Utilities and Engineering Department shall provide BCWWS and the City of Margate at least annually with information relevant to the maintenance of established levels of service for water and sewer and the need to amend level of service standards, such as population and development projections, projected demand, and service issues.

### **Policy VIII-3.5**

The City shall coordinate development of the City's Water Supply Facilities Work Plan, implementation of alternative water supply projects, and Work Plan updates with Broward County Water and Wastewater Division and the City of Margate.

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### **Policy VIII-3.8**

The City shall update the 10 Year Water Supply Facilities Work Plan within 18 months after the South Florida Water Management District updates the Lower East Coast Regional Water Supply Plan Update.

### **Policy VIII-3.9**

Prior to approving a building permit or its functional equivalent, the City shall consult with the water supplier to determine whether adequate water supplies will be available to serve the new development no later than the anticipated date of issuance of a certificate of occupancy or its functional equivalent by the City.

### **Policy VIII-3.10**

The City will coordinate with the City of Parkland concerning the following water supply issues:

- sharing and updating of information to meet ongoing water supply needs,
- the establishment of LOS standards and resource allocation,
- changes in services areas,
- the implementation of alternative water supply projects, and
- annexation impacts

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## **CAPITAL IMPROVEMENTS PROGRAM ELEMENT**

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### **GOAL IX**

The City shall strive to provide needed public facilities in an efficient and fiscally sound manner, which protects investments in existing facilities, maximizes the use of existing facilities, and promotes orderly growth.

#### **Objective IX-1**

The City shall use the Capital Improvements Element as the framework for development of the capital improvement program and annual capital budget to provide for capital facilities needed to correct existing deficiencies, to accommodate desired future growth, and to replace worn-out or obsolete facilities, as indicated in the other elements of this plan and the City's adopted Capital Improvement Program.

##### **Policy IX-1.1**

The City shall evaluate capital projects using the following criteria:

1. elimination of existing deficiencies
2. maintenance of adopted levels of service
3. protection of prior infrastructure investments
4. implementation of City plans and policies adopted in the Comprehensive Plan
5. implementation of other City plans and policies

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#### **Objective IX-2**

Land use decisions shall be consistent with the adopted schedule of capital improvements, which is based on available or projected fiscal resources and the maintenance of adopted level of service standards. Decisions regarding the issuance of development orders and permits shall be based upon the availability of necessary public facilities needed to support such development at the time needed.

##### **Policy IX-2.1**

The City shall base recommendations regarding proposed land use amendments and rezoning requests on an evaluation of the projected impact on public facility needs and the ability to maintain the adopted level of service standards.

##### **Policy IX-2.2**

The City shall utilize the adopted level of service standards established in the Transportation, Infrastructure, and Recreation and Open Space Elements of this Comprehensive Plan in reviewing the impacts of new development or redevelopment upon the adequacy of public facilities.

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### **Policy IX-2.3**

The City shall maintain, within the Land Development Code, the basis for evaluating proposed development and assessing the adequacy of existing and programmed infrastructure to serve the proposed development at the adopted levels of service, consistent with the adopted concurrency policies in the Future Land Use Element of this Comprehensive Plan.

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### **Objective IX-3**

**Future development will bear a proportionate cost of facility improvements necessitated by the development in order to maintain adopted LOS standards.**

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### **Policy IX-3.2**

The City shall continue its practice of imposing water and sewer impact fees on new development and redevelopment with said impact fees reviewed periodically to assure that they adequately cover all appropriate costs.

### **Policy IX-3.3**

The City shall continue to require impact fees, developer dedications and contributions, and construction of infrastructure improvements in proportion to the costs associated with serving proposed development at the adopted levels of service.

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