

# **Draft Strategy Recommendations**

July 27, 2007

## **Goal 1: Get the Water Right**

### **Subgoal 1-A: Get the Hydrology Right**

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#### **2006 Strategic Plan:**

*Objective 1-A.1: Provide 1.8 million acre-feet of surface water storage by 2036*

#### **Recommended changes:**

- Tasks:
  - Identify new surface storage projects as appropriate (i.e., Northern Everglades, etc.)

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#### **2006 Strategic Plan:**

*Objective 1-A.2: Develop aquifer storage and recovery systems capable of storing 1.5 billion gallons per day by 2030*

#### **Recommended changes:**

- Consider modifying to “*alternative water storage*”
- Tasks:
  - Identify other alternative storage options
  - Identify lead agency(s)
  - Determine target
  - Clarify relationship with Goal 3

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#### **2006 Strategic Plan:**

*Objective 1-A.3: Modify 345 miles of impediments to flow by 2020*

#### **Recommended changes:**

- None

## **Subgoal 1-B: Get the Water Quality Right**

### **2006 Strategic Plan:**

*Objective 1-B.1: Construct 91,345 acres of stormwater treatment areas by 2035*

### **Recommended changes:**

- None

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### **2006 Strategic Plan:**

*Objective 1-B.2: Prepare locally-based plans to reduce pollutants as determined necessary by the TMDLs by 2011*

### **Recommended changes:**

- Consider adding:
  - Best Management Plans
  - Basin Management Action Plans
- Tasks:
  - Identify lead agency(s)
  - Determine target
  - Clarify relationship with Goal 3
  - Review narrative to ensure major components are included

## **Goal 2: Restore, Preserve, & Protect Natural Habitats & Species**

### **Subgoal 2-A: Restore, Preserve, & Protect Natural Habitats**

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#### **2006 Strategic Plan:**

*Objective 2-A.1: Complete acquisition of 5.8 million acres of land identified for habitat protection by 2015*

#### **Recommended changes:**

- Consider modifying the date to 2020 to coincide with the dates of the next funding program (2010 – 2020)
- Consider inclusion of USDA's Wetland Reserve Program (and other programs?)
- Tasks:
  - Identify lead agency(s)
  - Determine target
  - Clarify relationship with Goal 3

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#### **2006 Strategic Plan:**

*Objective 2-A.2: Protect 20% of the coral reefs by 2010*

#### **Recommended changes:**

- Tasks:
  - Review scope and methods
  - Review narrative to ensure major components are included

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#### **2006 Strategic Plan:**

*Objective 2-A.3: Improve habitat quality for 2.4 million acres of natural areas in south Florida.*

#### **Recommended changes:**

- Tasks:
  - Review methodology to track and assess progress

## **Subgoal 2-B: Control Invasive Exotic Plants**

### **Recommended changes:**

- Consider adding “...and Animals”
  - Tasks:
    - Develop invasive/exotic animal objective (possibly replacing Obj. 2-B.3)
    - Develop narrative
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### **2006 Strategic Plan:**

*Objective 2-B.1: Coordinate the development of management plans for the top 20 south Florida invasive exotic plant species by 2011*

### **Recommended changes:**

- Consider changing to numeric targets for acres/miles treated
  - Tasks:
    - Identify lead agency
    - Determine target
    - Update narrative to include management plans to date
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### **2006 Strategic Plan:**

*Objective 2-B.2: Achieve maintenance control of Brazilian pepper, melaleuca, Australian Pine, and Old World climbing fern on south Florida’s public conservation lands by 2020*

### **Recommended changes:**

- None
  - Tasks:
    - Review and update narrative
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### **2006 Strategic Plan:**

*Objective 2-B.3: Complete an invasive exotic plant species prevention, early detection, and eradication plan by 2007*

### **Recommended changes:**

- Consider replacing with an invasive exotic animal objective
- Tasks:
  - Identify lead agency
  - Determine target
  - Update narrative to include plans to date

## **Goal 3: Foster Compatibility of the Built and Natural Systems**

### **Subgoal 3-A: Use and Manage Land in a Manner Compatible with Ecosystem Restoration**

#### **2006 Strategic Plan:**

*Objective 3-A.1: Designate or acquire an additional 480,000 acres as part of the Florida Greenways and Trails System by 2009*

#### **Recommended changes:**

- Consider replacing with a new objective: *“Determine the potential impact that the conversion of undeveloped lands, including agricultural lands, for development is having on South Florida Ecosystem Restoration project footprints and initiatives”*
- Consider renumbering to 3-A.2 and revising to: *“Increase by # acres the acquisition of lands needed for parks, recreation, and open space to complement South Florida Ecosystem Restoration through local, state, and federal programs”*

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#### **2006 Strategic Plan:**

*Objective 3-A.2: Increase participation in the voluntary Farm Bill conservation programs by 230,000 acres by 2014*

#### **Recommended changes:**

- Consider renumbering to 3-A.3 and revising to: *“Increase participation in the Grassland Reserve Program, Farm and Ranchland Protection Program, and Environmental Quality Incentive Program to promote compatibility between agricultural production and South Florida Ecosystem Restoration”*

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#### **2006 Strategic Plan:**

*Objective 3-A.3: Acquire an additional 2,500 acres of park, recreation, and open space lands by 2007*

#### **Recommended changes:**

- Consider incorporating into the new 3-A.2 and replacing with a new 3-A.4: *“Increase the number of local governments that adopt into their comprehensive plans, goals, objectives, policies, and related strategies - concepts compatible with South Florida Ecosystem Restoration”*
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**2006 Strategic Plan:**

*Objective 3-A.4: Complete five brownfield rehabilitation and redevelopment projects by 2010*

**Recommended changes:**

- Consider replacing with the new 3-A.4: *“Increase the number of local governments that adopt into their comprehensive plans, goals, objectives, policies, and related strategies - concepts compatible with South Florida Ecosystem Restoration”*

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**2006 Strategic Plan:**

*Objective 3-A.5: Increase community understanding of ecosystem restoration*

**Recommended changes:**

- Consider revising to: *“Increase the use of educational programs and initiatives to further the general publics’ and local governments’ understanding of the benefits of South Florida Ecosystem Restoration”*
- Tasks:
  - Update the narrative to include ongoing school/educational programs. (SFWMD, Corps, others).

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**Recommended changes:**

- Consider adding a new Objective 3-A.6:
  - Should we address the need for comprehensive environmental assessments for development that is regional in scale or for multiple development proposals?
  - How do we ensure that South Florida Ecosystem Restoration, including the Northern Everglades and CERP components, are woven into the development approval process, especially when multiple projects are involved?

**Subgoal 3-B: Maintain or Improve Flood Protection in a Manner Compatible with Ecosystem Restoration**

**2006 Strategic Plan:**

*Objective 3-B.1: Maintain or improve existing levels of flood protection*

**Recommended changes:**

- Consider revising to: *“Maintain or improve existing levels of flood protection for the urban, agricultural, and natural environments”*

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**Recommended changes:**

- Consider adding a new Objective 3-B.2: *“Rehabilitate the Herbert Hoover Dike to provide adequate levels of flood protection to the communities and lands surrounding Lake Okeechobee”*

## **Subgoal 3-C: Provide Sufficient Water Resources for Built and Natural Systems**

### **2006 Strategic Plan:**

*Objective 3-C.1: Plan for regional water supply needs*

### **Recommended changes:**

- Consider revising to: *“Increase all sources of water availability at the rate necessary to support human and natural system needs”*
  - Tasks:
    - Review narrative
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### **2006 Strategic Plan:**

*Objective 3-C.2: Increase volumes of reuse on a regional basis*

### **Recommended changes:**

- None
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### **2006 Strategic Plan:**

*Objective 3-C.3: Increase water made available through the SFWMD Alternative Water Supply Development Program*

### **Recommended changes:**

- Consider revising to: *“Increase water made available through the State’s Water Protection and Sustainability Program and the SFWMD’s Alternative Water Supply funding program”*
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### **Recommended changes:**

- Consider adding a new Objective 3-C.4: *“Increase the amount of existing development that retrofits for water conservation using programs offered by the District and/or local utility”*
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### **Recommended changes:**

- Consider adding a new Objective 3-C.5:
  - Should water reclamation be addressed?
  - Do reuse, alternative water supplies, retrofitting for water conservation, water reclamation, etc., fall under “all sources of water availability” as discussed in 3-C.1 or are they the mechanics for achieving 3-C.1? If the latter, should they be addressed in one combined objective