



# Big Cypress Basin Strategic Plan 2013-2018

November 2012

## Strategic Statements and Success Indicators

# BCB Strategic Priorities

## Core Mission Functions

- 
- **Flood Control Protection**
  - **Water Supply Enhancement**
  - ~~**Water Quality Improvement**~~
  - ~~**Environmental Restoration**~~
  - **Natural Systems/Water Quality**
  - **Mission Support**

# Strategic Priority

## Flood Control

### Maximize flood protection by:

- Maintaining preparedness for emergency storm operations
- Efficiently operating and maintaining the Basin's primary canal and water control structure network
- Improving canal conveyance capacities while emphasizing water resource protection and beneficial alternative uses
- Retrofitting old inefficient water control structures; building new structures to meet current or future design conditions



# Strategic Priority

## Flood Control

- Cooperating with local governments to improve and maintain secondary and tertiary stormwater management systems
- Inventorying, prioritizing, and retrofitting coastal and other water control structures, in response to sea level rise, where necessary



# Strategic Priority

## Flood Control

### Proposed Change

- Inventorying, prioritizing, and retrofitting coastal and other water control structures, ~~in response to sea level rise, where necessary~~ while considering the potential effects of sea level rise



# Success Indicators

## Flood Control

- Complete projects on time and on budget
- Commission 100 percent of new works on schedule, prior to project close-out
- Operate 100 percent of works in accordance with established operating criteria
- Complete at least 80 percent of maintenance activities on schedule
- Treat \_\_\_ acres of aquatic, terrestrial and exotic vegetation annually



# Success Indicators

## Flood Control

- Perform at least 80 percent of all work activities as planned work; no more than 20 percent are unplanned
- Expend no more than 20 percent of maintenance efforts for unplanned work
- Pass U.S. Army Corps of Engineers annual inspection on 90 percent of canals/levees
- Update and maintain real time modeling project concurrent with the commissioning of capital improvement projects



## Strategic Priority

### Natural Systems/Water Quality

#### Enhance and protect Big Cypress Basin ecosystems by:

- Completing construction of existing key restoration projects
- Restoring historic flowways to enhance wetland functions while ~~recognizing private property rights~~ minimizing impact to property owners



## Strategic Priority

### Natural Systems/Water Quality

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- Supporting land acquisition for environmental restoration
  - Improving surface water storage capacity and promoting aquifer recharge
  - Improving the timing, quality and distribution of freshwater to coastal estuaries
  - Implementing restoration projects and protection plans for coastal water bodies
  - Using reservation and allocation authority to protect water for the natural system

# Strategic Priority

## Natural Systems/Water Quality

- Monitoring the trends of surface and groundwater quality in inland and receiving waters
- Supporting local governments to implement stormwater improvement projects
- Operating water control structures with advanced water release technologies to meet water quality standards of receiving waters



# Success Indicators

## Natural System/Water Quality

- Complete projects on time and on budget
- Commission 100 percent of new works on schedule, prior to project close-out
- Hold exotic plant control costs to no more than \$50 per acre treated
- Complete Lake Management Plan for Lake Trafford



# Success Indicators

## Natural System/Water Quality

- Implement Henderson Creek Diversion Project within five years
- Develop strategies for the implementation of Northern Golden Gate Estates Flowway and North Belle Meade Rehydration projects



# Strategic Priority Water Supply

**Ensure sustainable water supplies that protect natural systems and meet all reasonable-beneficial uses by:**

- ~~Developing and~~ Implementing the regional water supply plan in coordination with local governments to meet the current and future demands of water users and the environment



# Strategic Priority

## Water Supply

- ~~Strengthening the linkage between land use, water supply planning and consumptive use through coordination with local governments and public water supply utilities~~
- Creating financial and other incentives for regional solutions, developing alternative water supplies and water conservation
- Updating regional models and analysis to assist in determining water sustainability in the Basin



# Success Indicators

## Water Supply

- Percentage of the 2010-2030 increase in public supply demand met annually
- Adopt 5-year Lower West Coast water supply plan updates on schedule
- Percentage of local Water Facility Work Plans in compliance with 18-month deadline



# Success Indicators

## Water Supply

- Gallons of alternative water supplies created per dollar invested annually
- Gallons of water conserved per dollar invested annually
- Annual water supply uniform gross per capita water use (public water supply) is less than 135 gallons per capita per day



# Strategic Priority

## Mission Support

### Ensure Big Cypress Basin's taxpayers receive efficient and effective customer service by:

- Focusing resources on core functions, minimizing administrative costs and measuring performance
- Ensuring accountability, transparency and public involvement in Basin decisions
- Employing and developing a high quality, diverse workforce



# Success Indicators

## Mission Support

- Hold mission support and outreach costs to less than 15 percent of adopted budget

### Proposed additions

- Complete at least 90 percent of local agreements within contracted timeframes
- Attain technical and financial efficiencies through collaboration with local governments to implement Basin supported water resource projects



## Next Steps

### **December:**

- Finalize Strategic Plan based on Basin Board input

### **January:**

- Provide Basin Board with final document and approval

