

# FY 13 Proposed Budget Update

Big Cypress Basin

July 6, 2012



# Today's Presentation



- **FY13 Budget Development**
- **FY13 Proposed Budget**
- **Basin Board Guidance**
  - Use of Cash Balance
- **Next Steps**
  - Approval of Tentative Millage
  - Finalize FY13 Budget
  - Strategic Planning

# FY13 Budget Development



## Where we were (FY12): District Guiding Principles



### **Achieve 32% ad valorem revenue reduction and:**

- Provide flood control and hurricane response, including maintenance of sufficient contingency reserves
- Continue progress of Everglades restoration and water quality projects
- Meet on-going water supply and water resource development needs
- Streamline existing regulatory programs
- Meet on-going debt service payments

## Where we were (FY12): District Guiding Principles

### **Achieve 32% ad valorem revenue reduction by:**

- Reengineering organization to effectively support the core functions of the District
- Reducing or eliminating non-mandated activities
- Reevaluating level of service
- Prioritizing capital projects
- Prioritizing restoration activities
- Reducing administrative support functions
- *Utilizing accumulated reserves and fund balances to fund non-recurring mission critical projects*

## Where we were (FY12): Big Cypress Basin



**\$11.54M budget (FY12)**

- **\$9.1M ad valorem**
  - 32.89% reduction
- **\$2.2M of reserves**



# Collier County Taxable Values

## BCB Taxable Value History





# Ad Valorem Revenue Trend (FY02 – FY13 Estimate)

BCB Ad Valorem Revenues History



## FY13 Budget Development



### Staff Recommendation:

- **Levy rolled-back millage rate**
  - Maintain baseline ad valorem revenue at \$9.1M
  - Include ad valorem growth from new construction property values (0.8%)
- **Balance budget using cash balance for FY13**
- **August Workshop**
  - Review strategic priorities
  - Determine future project priorities
  - Future use of cash balance

# FY13 BCB Rolled Back Millage Rate Calculation

<b>Big Cypress Basin Tax Roll Data</b>	<b>FY12 Tax Levy</b>	<b>Rolled Back Millage Rate</b>
FY12 Final Taxable Value (post VAB)	\$58,286,027,917	
FY12 Adopted BCB Millage Rate	0.1633	
Gross Tax Revenue	\$9,518,108	
Collection Rate	95.50%	
Net (Budgeted) Tax Revenue	\$9,089,793	
FY13 Total Taxable Value		\$58,685,012,066
Less: FY13 New Construction		\$592,185,027
FY13 Adjusted Taxable Value		\$58,092,827,039
Calculated Rolled Back Millage Rate		0.1638
Prior Year (FY12) Gross Tax Revenue		\$9,515,605
New Construction		\$97,000
FY13 Gross Tax Revenue		\$9,612,605
Collection Rate		95.50%
Net (Budgeted) Tax Revenue		\$9,180,038

## Comparison of Big Cypress Basin FY13 Rolled Back Rate vs. Continuation Millage



<b>Big Cypress Basin Tax Roll Data</b>	<b>FY13 @ Rolled Back Millage Rate</b>	<b>FY13@ Continuation Millage Rate</b>	<b>Variance</b>	<b>Impact per \$100,000 of Taxable Value</b>
<b>Taxable Value</b>	\$58,685,012,066	\$58,685,012,066		
<b>Millage Rate</b>	0.1638	0.1633	0.0005	\$0.05
<b>Gross Tax Levy</b>	\$9,612,605	\$9,583,262		
<b>Collection Rate</b>	95.50%	95.50%		
<b>Net (Budgeted) Tax Revenue</b>	\$9,180,038	\$9,152,016	\$28,022	

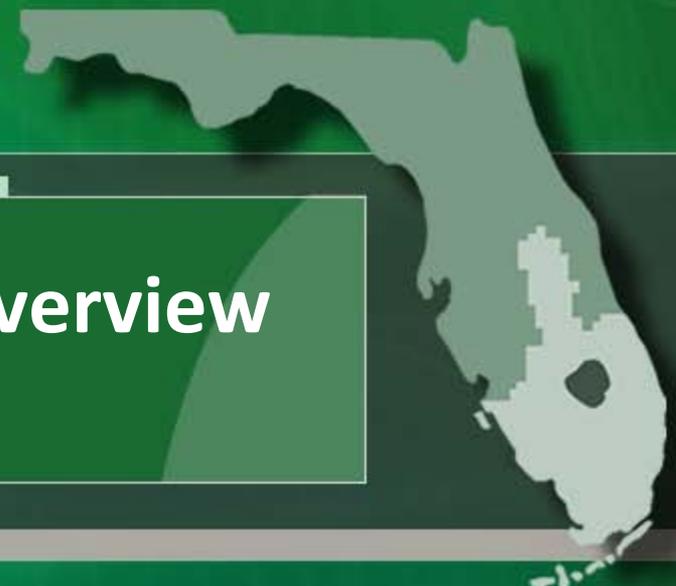
## Comparison of FY12 Adopted and FY13 Proposed BCB Millage Rates



<b>Big Cypress Basin</b>	<b>FY12 Adopted</b>	<b>FY13 Proposed</b>	<b>Variance</b>	<b>Impact per \$100,000 of Taxable Value</b>
<b>Big Cypress Basin</b>	<b>0.1633</b>	<b>0.1638</b>	<b>0.0005</b>	<b>\$0.05</b>
<b>District-wide</b>	<b>0.1785</b>	<b>0.1757*</b>	<b>-0.0028</b>	<b>(\$0.28)</b>
<b>Total Big Cypress Basin</b>	<b>0.3418</b>	<b>0.3395</b>	<b>-0.0023</b>	<b>(\$0.23)</b>

\*Note: Subject to change pending receipt of Glades County Certified Taxable Value

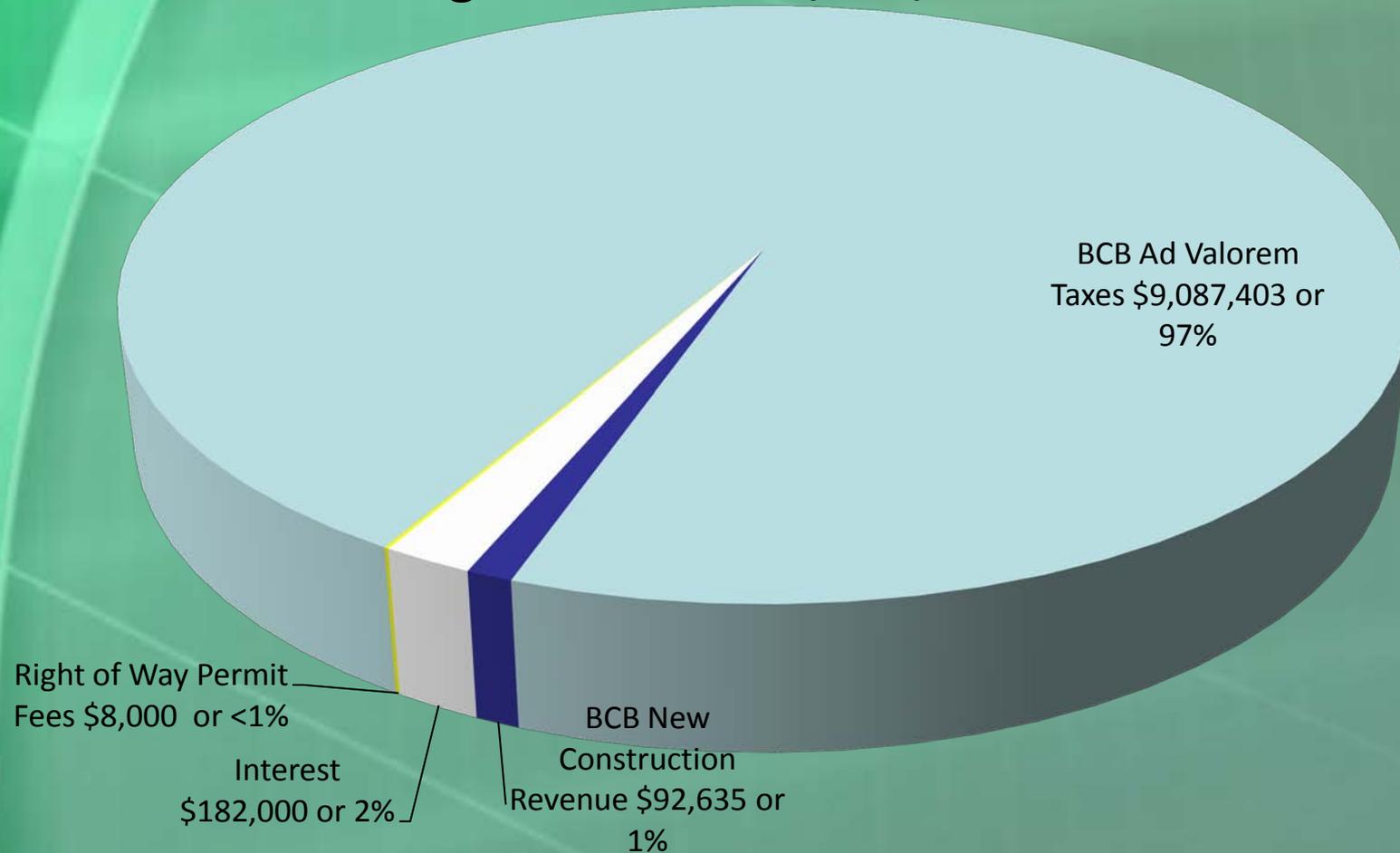
# FY13 Proposed Budget Overview





# FY13 Proposed Budget - Revenues

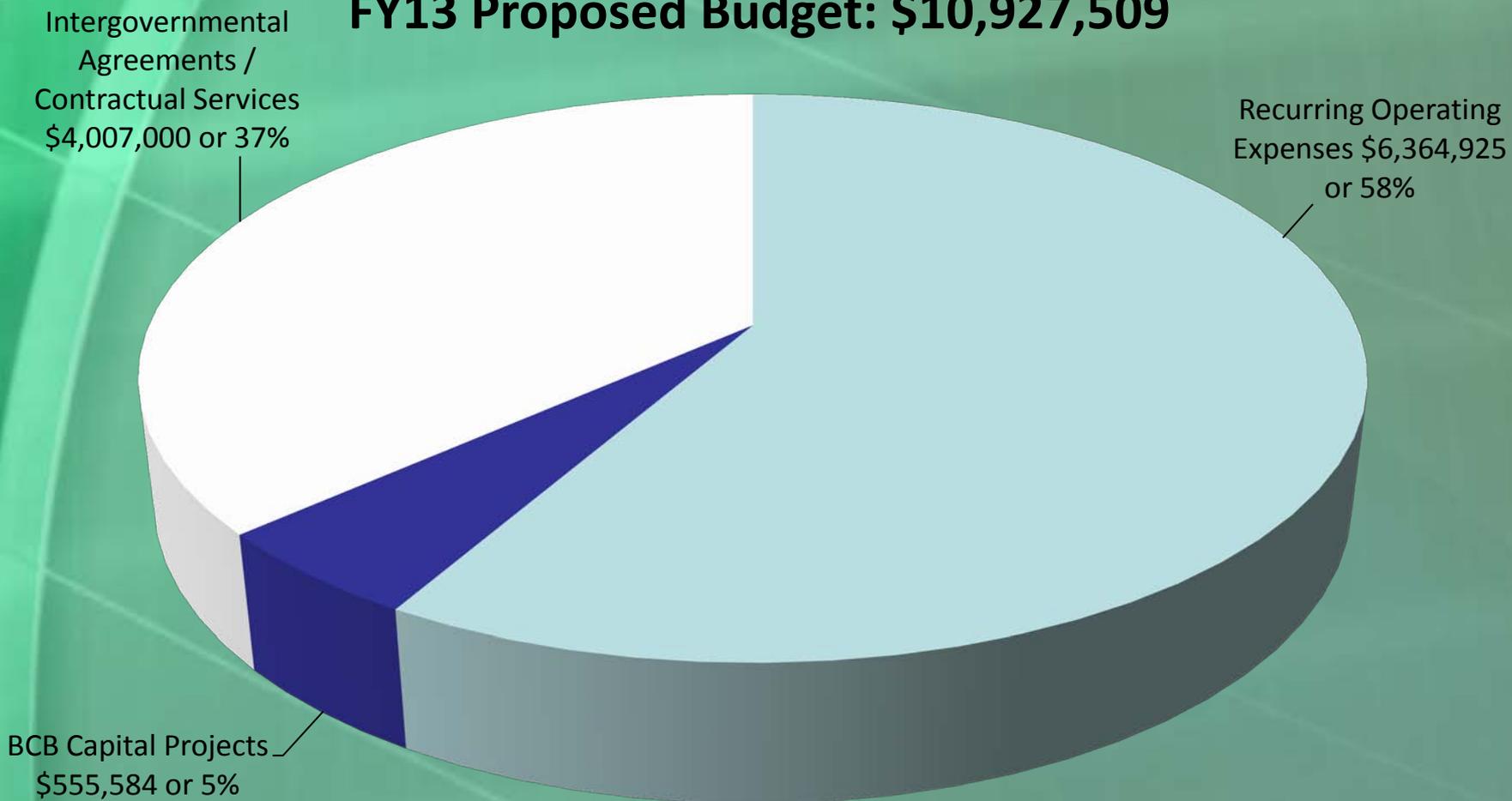
**FY13 BCB Recurring Revenues: \$9,370,038**





# FY13 Proposed Budget - Expenditures

**FY13 Proposed Budget: \$10,927,509**



## FY13 Proposed Budget - Expenditures



Flood Control Operations	\$2,240,050
Collier County Secondary System MOU	\$1,000,000
Restoration Operations	\$1,023,921
Restoration Projects	\$406,334
Modeling & Monitoring Support	\$193,374
BCB Service Center	\$743,829
BCB Capital Program Support	\$371,572
Property Appraiser, Tax Collector & Self Insurance Fees	\$385,845
<b>Recurring Operating Expenses</b>	<b>\$6,364,925</b>
BCB Capital Projects	\$555,584
Intergovernmental Agreements / Contractual Services	\$4,007,000
<b>Total Expenses</b>	<b>\$10,927,509</b>

# Key Projects

## Basin Capital Improvement Projects



# Big Cypress Basin Capital Improvement Plan (FY2013-FY2022)

Golden Gate Canal Weir #4 Retrofit

Cypress Canal Weir #4A1 Retrofit

Henderson Creek Diversion

Henderson Creek Weir #2 Retrofit

Basin Wide Projects:  
Fall Protection

Basin Wide Projects:  
CIFER Inventory

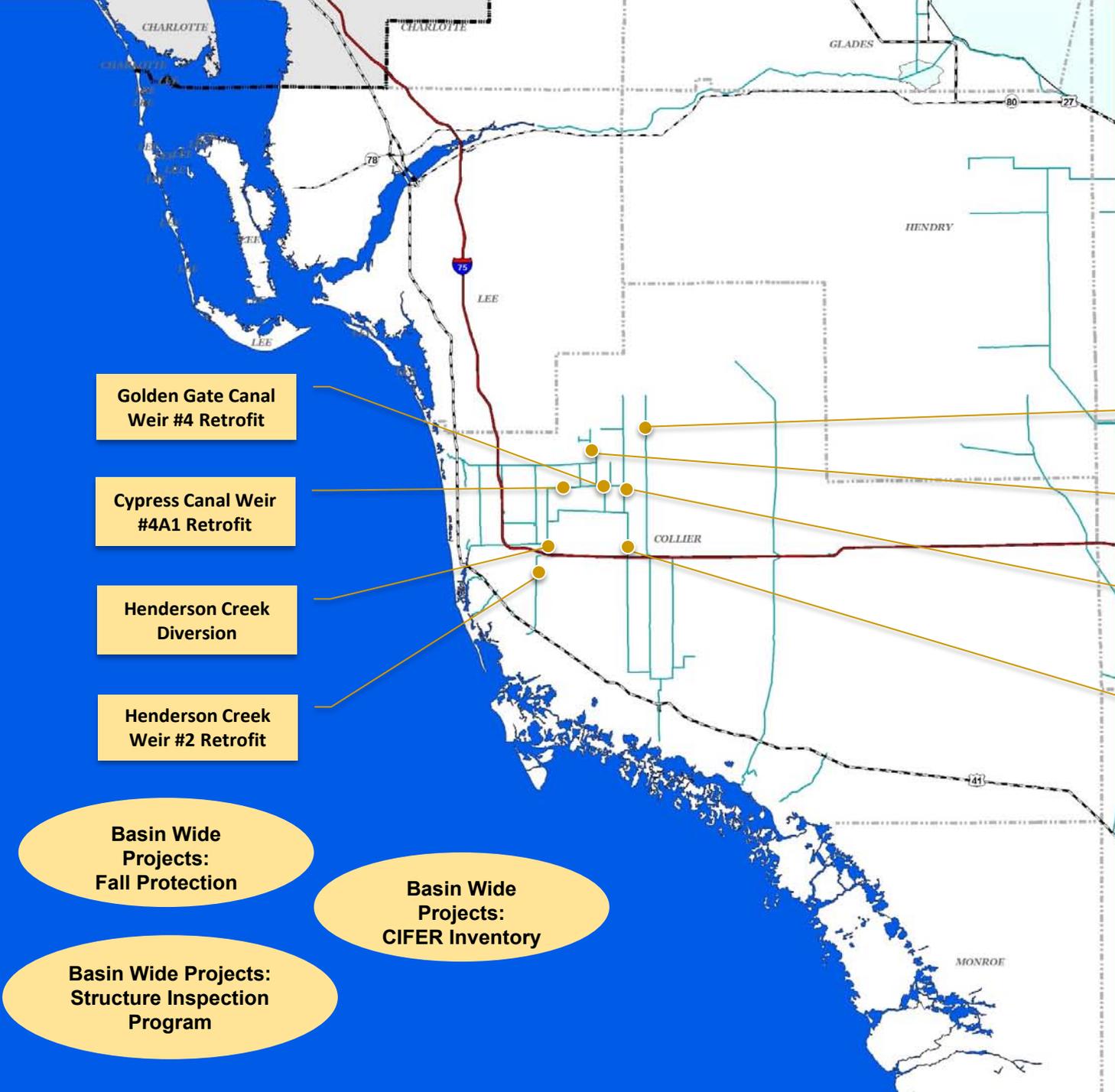
Basin Wide Projects:  
Structure Inspection Program

Faka Union Canal Weir #6 and #7 Retrofit

Corkscrew Canal Improvements

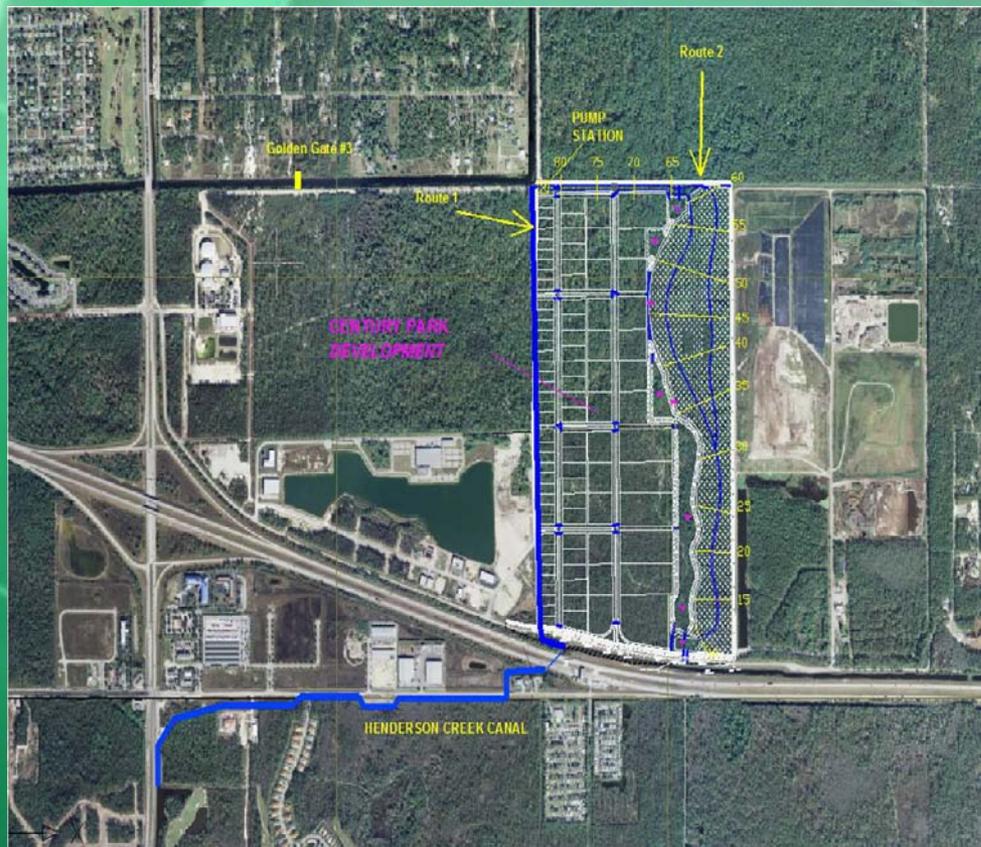
Miller Weir #3 Rehabilitation

Miller Canal Conveyance Improvement



# FY13 Capital Improvement Projects

## Henderson Creek Diversion



- Goal:** Divert a portion of the Golden Gate Main Canal flows to Henderson Creek; reduce freshwater flow to Naples Bay; enhance salinity distribution in Rookery Bay

- Project Schedule:**

FY12 Hydrologic and Hydraulic Assessment being completed

**FY13 Design**                      \$    40,584

**Future Project Costs**            \$    4.4M

## FY13 Capital Improvement Projects Miller Canal Weir #3 Rehabilitation



- **Goal:** Replace a V-notch water control structure that is 45 years old and has limited capacity to draw-down water levels during high run-off events. Structure modification will enhance flow conveyance capacity and maintain dry season conservation pool

- **Project Schedule:**

FY12 Interim modifications performed; Hydrologic and Hydraulic Assessment being completed

### FY13 Design, Land &

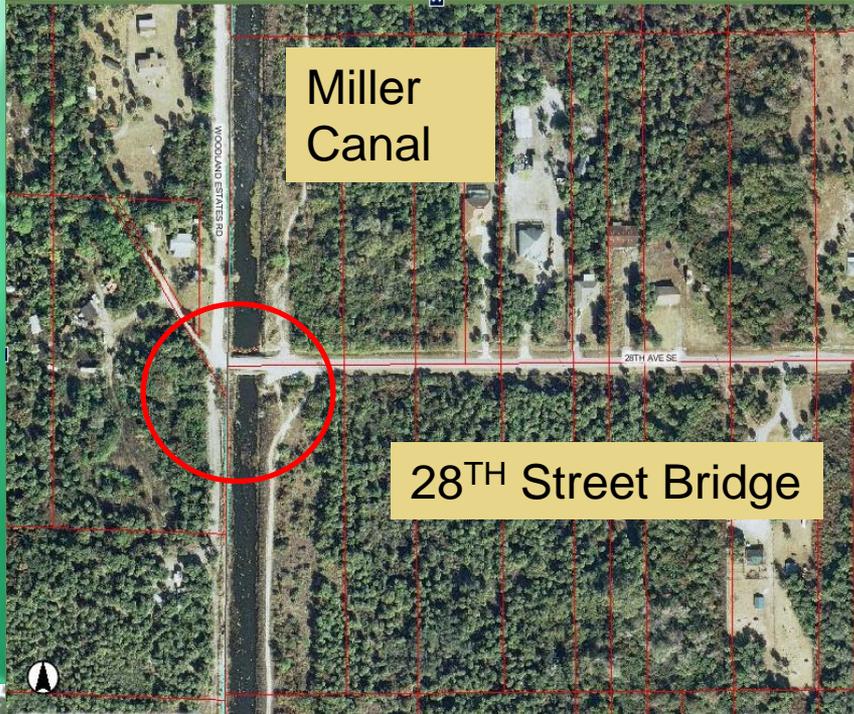
Permitting \$ 40,000

Future Project Costs \$ 2.6M



# FY13 Capital Improvement Projects

## Miller Canal Conveyance Improvements



- **Goal:** Conveyance enhancements; replace aged and undersized culverts that restrict water flow during major storm events resulting in street and yard flooding
- **Location:** Improving conveyance on Miller Canal at 28<sup>th</sup> Street SE Bridge is critical for the success of Miller #3 rehabilitation project

• **Project Schedule (Joint w/Collier County):**

Collier County Share:

- FY12 \$100,000
- FY13 \$225,000

District Share:

- **FY13 \$250,000**
- FY14 \$250,000

**TOTAL \$825,000**

## Key Projects

Intergovernmental Agreements &  
Contractual Services



## Collier County Secondary Drainage System MOU



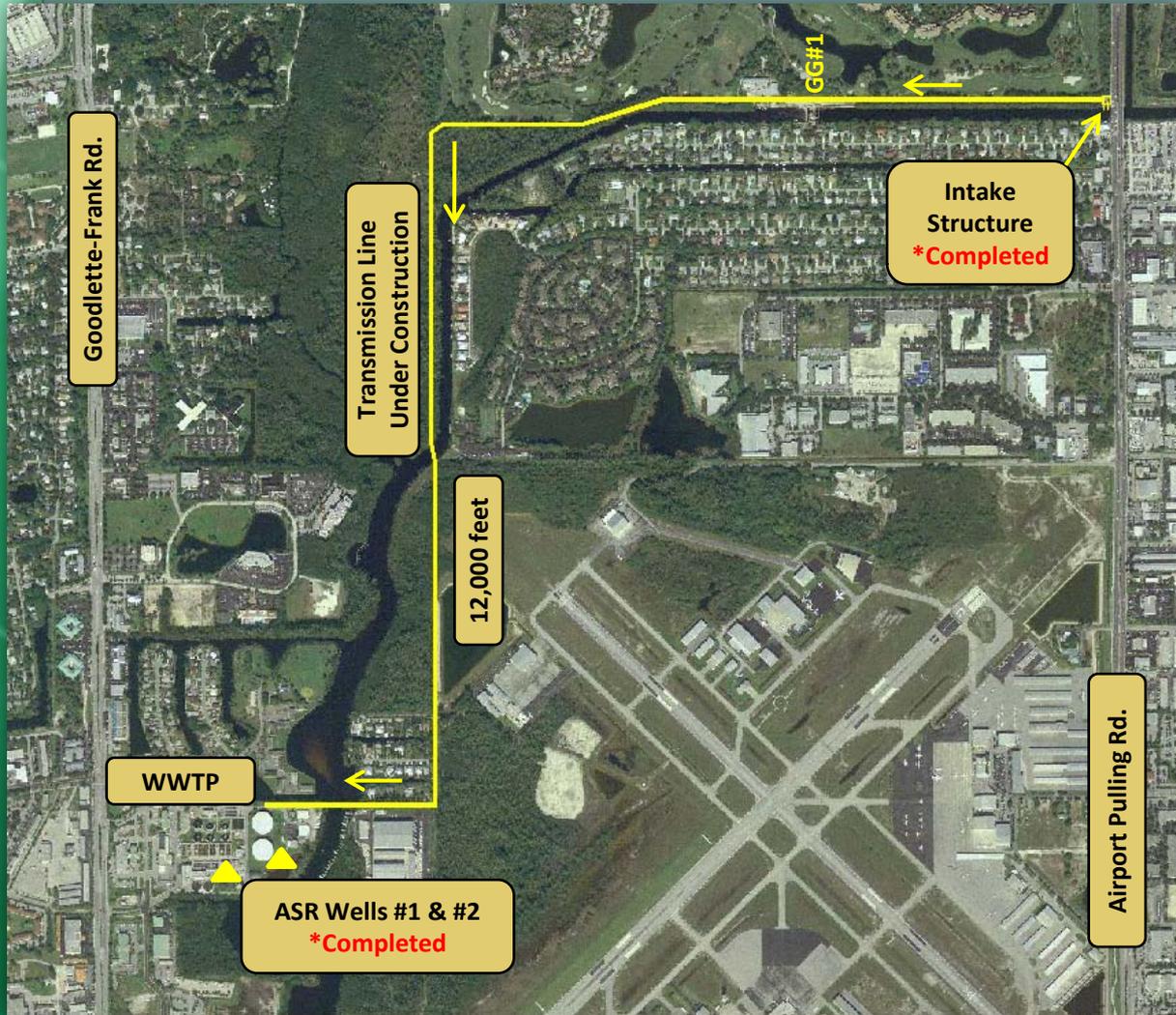
- FY04 - FY23
- BCB to pay \$20M to Collier County (\$1M/year for 20 years)
- \$10M, FY04 to FY13, to cover purchase of 50 acres for the Water Quality Park (a.k.a. Freedom Park)
- FY14-FY23 Projects to be agreed upon by the County and the Basin
- Mandated by a MOU (DEP, Collier County, SFWMD) for road easements for Picayune Strand restoration project

## Alternative Water Supply - Collier County ASR Well at Livingston Road Phase I & II



- **Goal:** Store reclaimed water during periods of low demand, providing operational flexibility to the County's Irrigation Quality (IQ) water supply
- Started in FY12, completion in FY13
- Total Cost: \$ 1.95M (Phase I & II)
- District's Share :
  - FY12 \$ 100,000 (Phase I)
  - **FY13 \$ 308,000 (Request for Phase II)**
- Not a mandate; One (1) year agreement every Fiscal Year

# Alternative Water Supply City of Naples



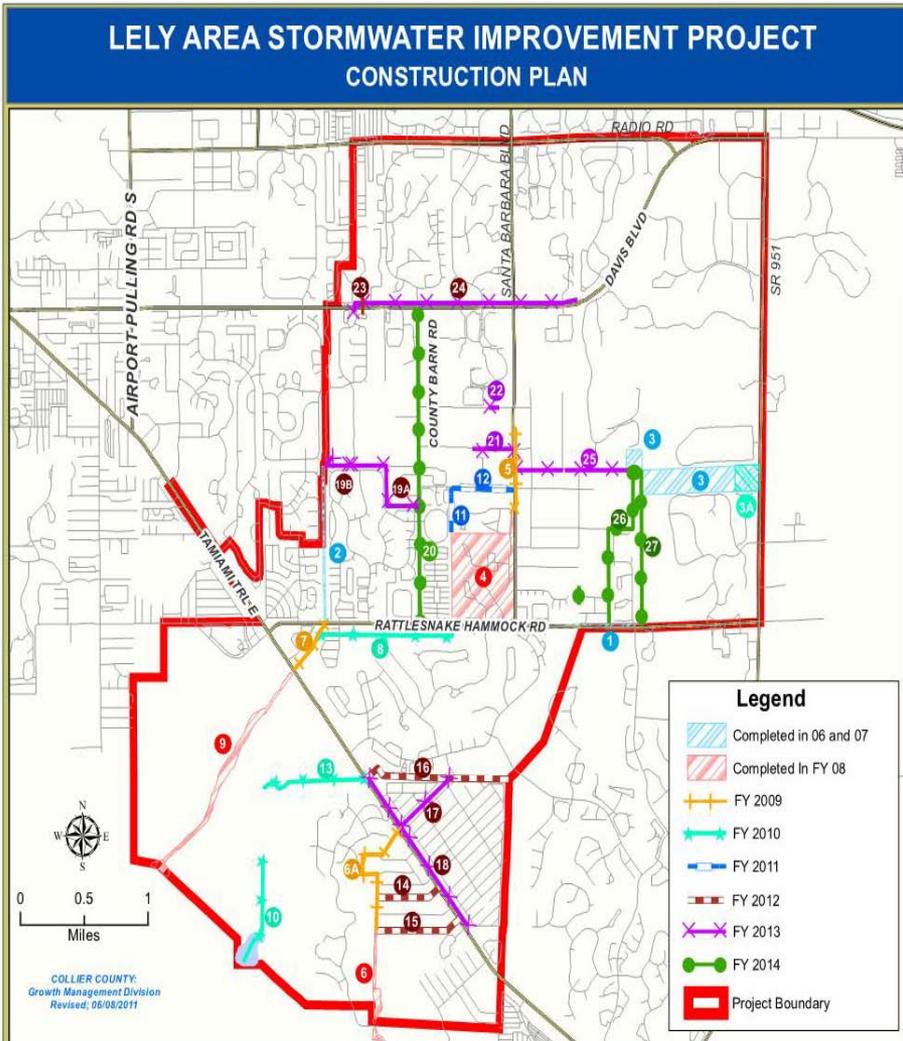
- **Goal:** Construction of surface water intake structure and transmission line from Golden Gate Main to ASR Well field
- Phase I (FY11-FY12) - Intake Structure & Trans-line
 

Total Cost:	\$5.5M
District's FY11:	\$1.0M
FY12:	\$1.38M
- Phase II (FY13-FY15) - Reclaimed Water Expansion
 

Total Cost:	\$9M
City's Funding:	\$2.2M
<b>FY13 Request:</b>	<b>\$800,000</b>
- Not a mandate; one (1) year agreement every Fiscal Year



# Stormwater Projects - Collier County Lely Area Stormwater Improvement Projects (LASIP)



- **Goal:** Multi-phased project with 30 construction components; serves an 11,135-acre urban watershed; improves flood protection; increases water quality treatment before discharge to Naples Bay & Dollar Bay
- Completion in 2014
- Total Cost \$61M  
District's Share \$6.3M (incl. FY12)
- FY13 Project: Davis Blvd. Weir & stormwater improvements
  - Total Cost \$1,300,000
  - **FY13 Request** **\$ 600,000**
- FY14 Project: County Barn Rd.
  - Total Cost : \$7M
  - District's Share: TBD
- Not a mandate; one (1) year agreement every Fiscal Year.

## Stormwater Projects - City of Naples Basin III & V Drainage & Water Quality Improvements



- **Goal:** Improve stormwater treatment and conveyance capacity within the Naples downtown area and existing neighborhoods; re-grading swales; install control structures; incorporate Best Management Practices to improve flood protection and water quality before discharge to Naples Bay
- Started in FY09 (multiple phases) with completion in FY13
- Total cost: \$24.7M (Basins III & V)
  - District's Share: \$2.67M (thru FY12)  
ASR Well at Broad Avenue
  - FY13 City's Share: \$1.5M
  - **FY13 Request: \$600,000**
- Not a mandate; one (1) year agreement for each Fiscal Year

## Stormwater Projects City of Marco Island



Construction Activities



Catch Basin Filter (BMP)



Sodded Roadside  
Treatment Swale (BMP)

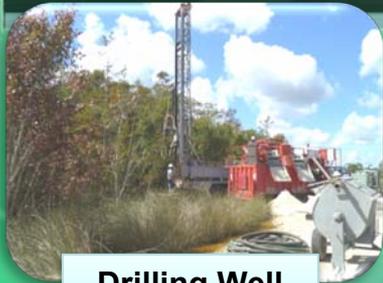


Catch Basin -  
Finished Product

- **Goal:** Repair and replace aged and inadequate conveyance system, enhance flood protection and water quality treatment prior to offsite discharge
- Multi-phased project (2005 to 2016)
- **Total cost: \$ 6.15M (FY6 to FY16)**
  - District's Share: \$2.37M (FY6 to FY12)
  - **FY13 Marco Island Funding: \$500,000**
  - **FY13 Request: \$200,000**
- Not a mandate; one (1) year agreement every Fiscal Year



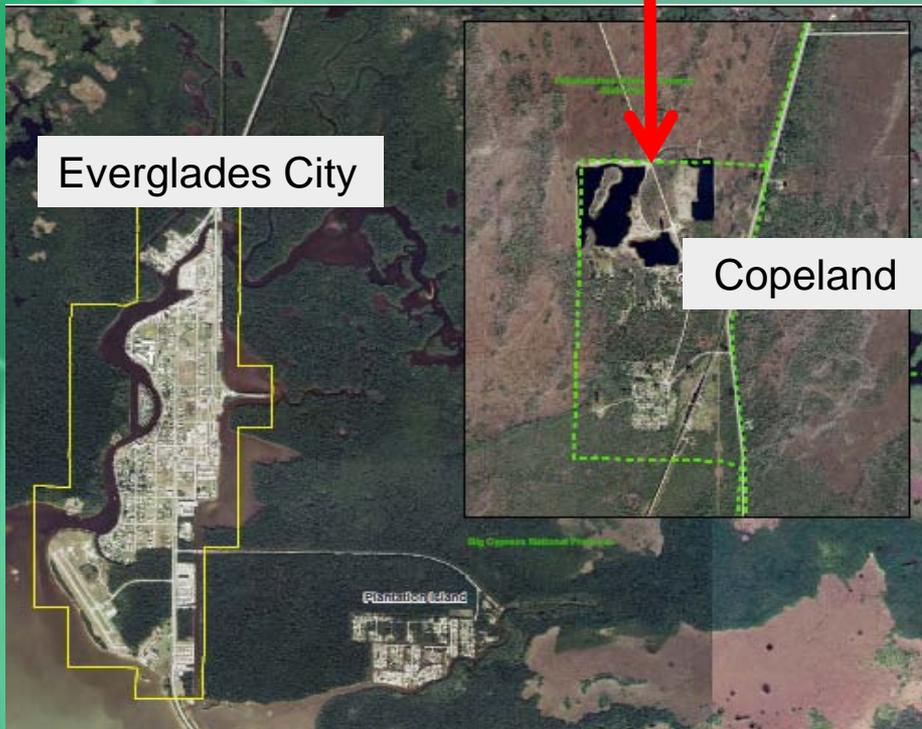
# City of Everglades City Water Management System Master Plan



Drilling Well

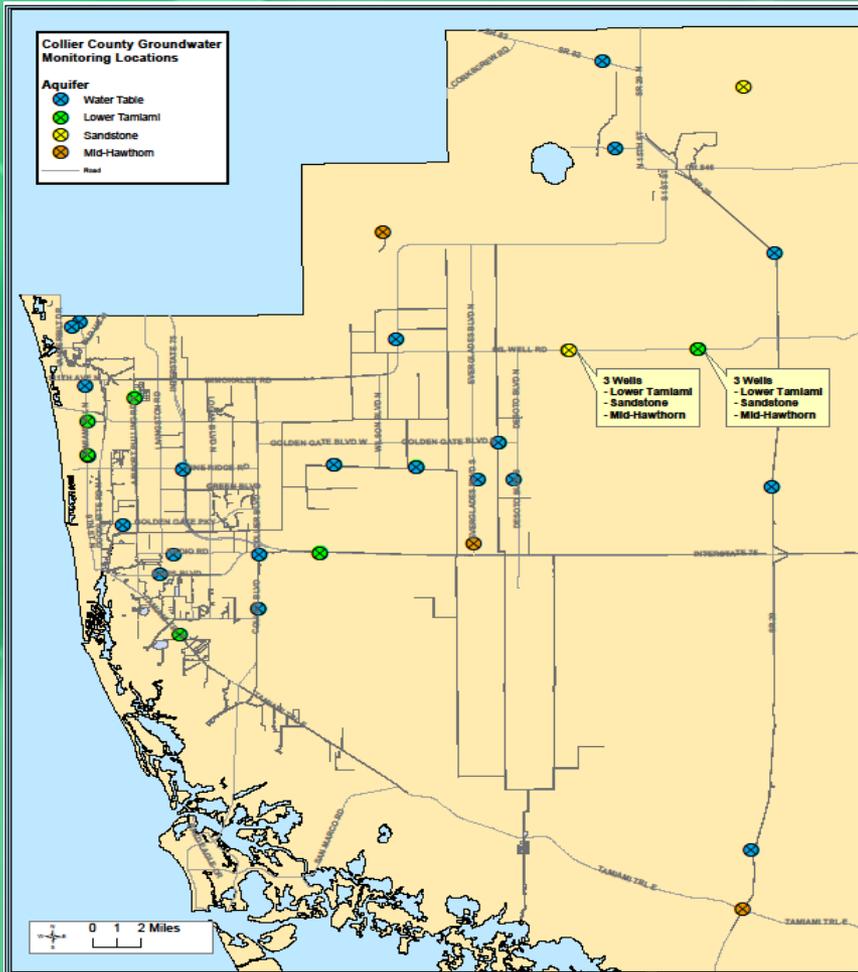


Finished Well



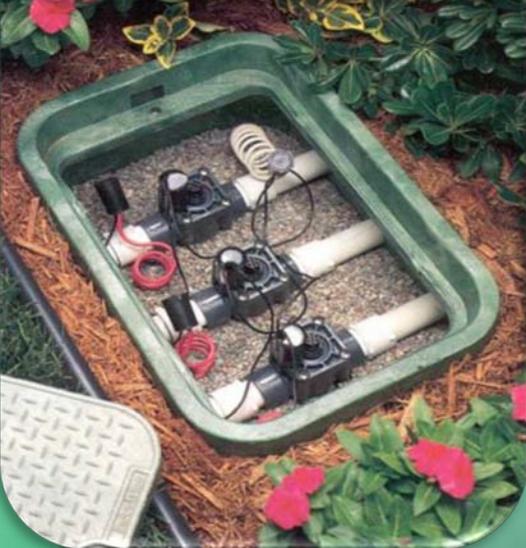
- **Master Plan Components:** Water Supply; Wastewater; Reuse; Stormwater
- **Goal:** Continue implementing Water Supply component of the Master Plan by constructing two new wells (completed), installing new well pump system and connecting wells to the Copeland water treatment plant; bring Copeland system to current USEPA potable water standards
- Started in FY11, completion in FY13
- Project Cost \$3.3 M
  - FY11&12 District \$532,000
  - **FY13 Request** **\$750,000**
  - City (DEP Grant) \$1.8 M
- Not a mandate. One (1) year agreement every Fiscal Year

# Collier County Groundwater Quality Monitoring



- **Goal:** Collect groundwater quality data to support management strategies within BCB watersheds; 45 monitoring wells in 3 aquifer zones, sampling 41 parameters
- Partnership with Collier County
- 3 Year Grant (FY10-FY12)
- Project Funding:
  - Total District \$348,000
  - Total Collier Co. \$334,640
  - FY13 Collier Co. \$114,133
  - **FY13 Request \$ 75,000**
- Not a mandate; three (3) year agreement proposed with option to renew annually, pending funding availability

## BCB Urban Mobile Irrigation Lab



- **Goal:** Provide guidance to homeowners and urban landscape irrigators on water saving techniques
- Partnership with Collier Soil & Water Conservation District since FY01
- FY11: 78 MG saved  
FY12: 100 MG projected savings
- Total District Funding
  - FY10 to FY12 \$165,000
  - **FY13 Request \$ 55,000**
- Not a mandate; three (3) year agreement with option to renew annually, pending funding availability

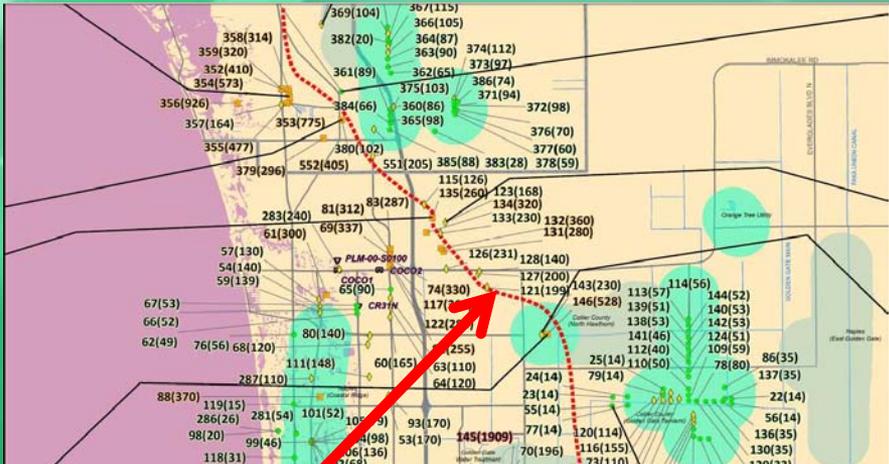
## FGCU Lake Trafford Watershed Monitoring



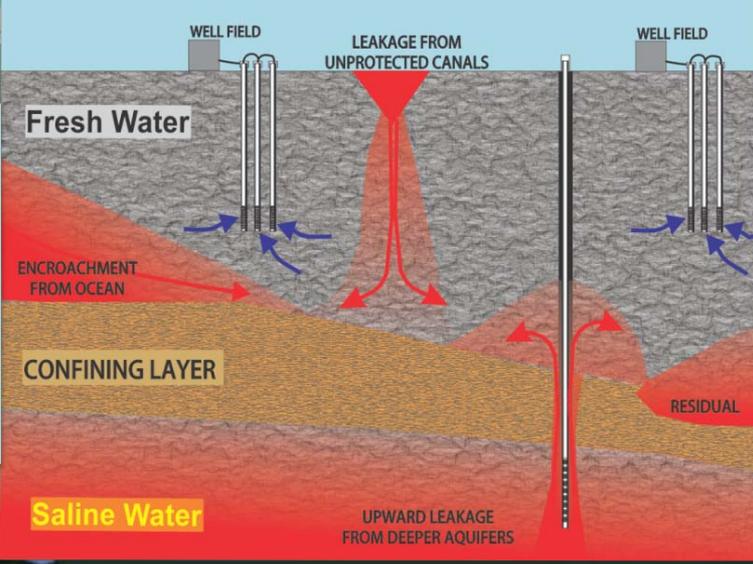
- **Goal:** Five-year monitoring program to support development of Lake Trafford Watershed Management Plan
- Lake Trafford Restoration Project completed in November 2010; total cost of \$21M
- Five-year Cooperative Agreement with FGCU
  - FY11 to FY12           \$100,000
  - **FY13 Request       \$ 50,000**
- Project compliments DEP's development of the lake's Basin Management Action Plan and TMDL



# Saltwater Intrusion Monitoring



## SOURCES OF SALTWATER



Saltwater Interface line in the Lower Tamiami Aquifer (SFWMD,2011)

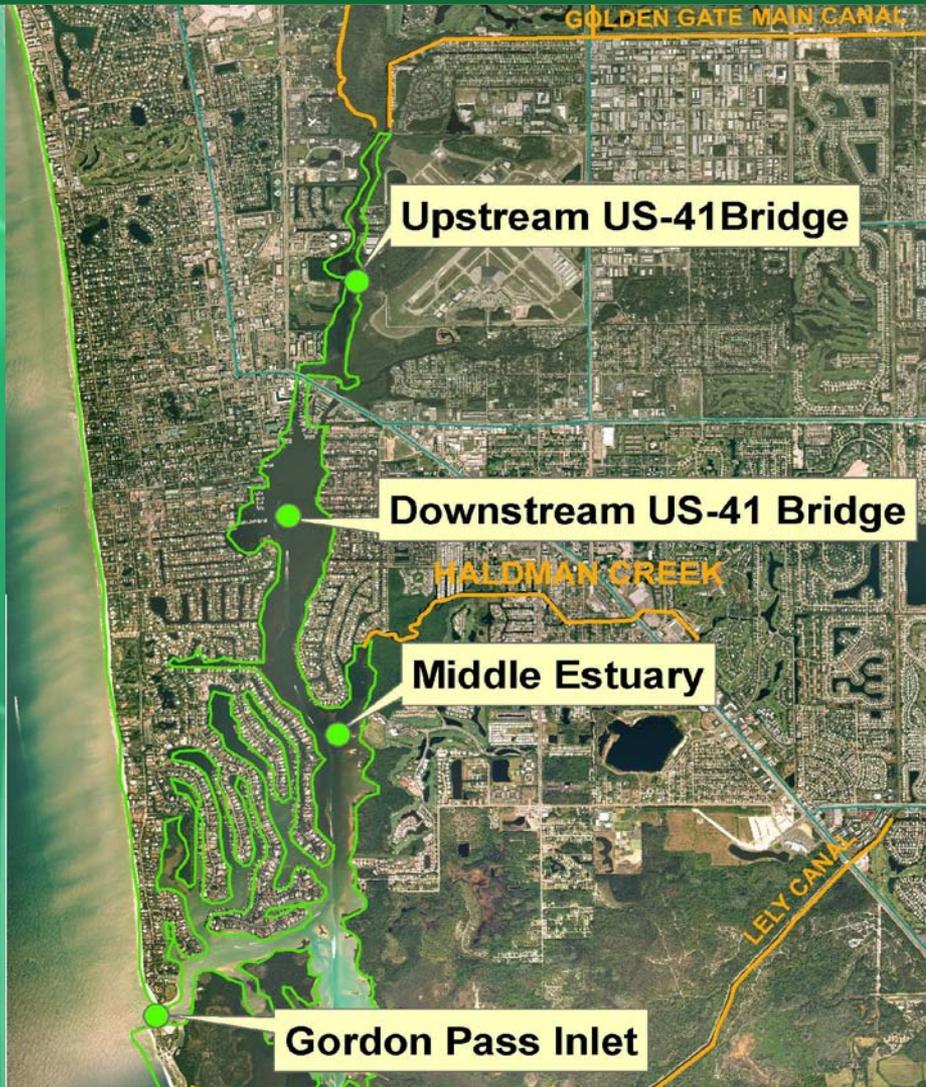
- **Goal:** Support on-going water supply and water resource development
- FY11 & 12, completed two-year joint funding agreement with USGS for plan development
  - FY11/12: \$84,000
- FY13 – FY18 Plan Implementation (~\$500,000)
  - **FY13 Request \$35,000**
- Not a mandate

## Naples Bay Hydrodynamic Modeling



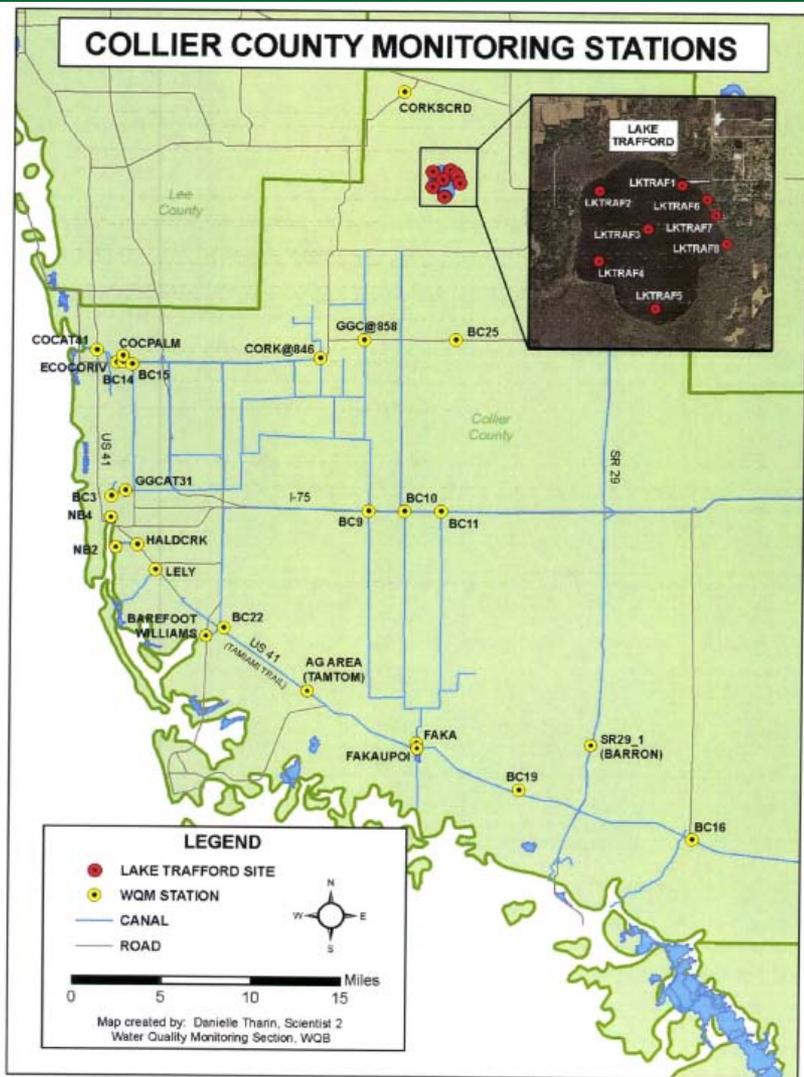
- **Goal:** Evaluate impact of fresh water inflow on the circulation, salinity and water quality of Naples Bay; develop alternative water management strategies to achieve desirable salinity regimes and help restore the ecologic health of Naples Bay
- Project is part of the Naples Bay Surface Water Improvement and Management (SWIM) plan adopted by the SFWMD Governing Board in FY08
- **FY13 Request      \$50,000**

# Naples Bay Salinity Data Collection



- Goal: To continuously monitor water levels, salinity and temperature data at four stations in Naples Bay
- Performed under a cooperative agreement with the United States Geological Survey (USGS)
- Although some salinity data is available from earlier monitoring, specific spatial data is needed for calibration and verification of the Naples Bay Hydrodynamic Model.
- Contract initiated in 2011 –
- **FY13 Requested** **\$40,000**
- Not a mandate

# East Collier County Water Quality Monitoring



- Goal: To continue monitoring surface water quality data across the Big Cypress Basin
- Operated by the District Water Quality (WQ) Bureau since 1979
- Presently contracted with Collier County: Sampling 34 sites; 26 samples shipped to the District Lab for analysis; with 8 samples from Lake Trafford analyzed by Collier County at their Naples Lab.
- **FY13 Requested** **\$86,000**
- Not mandate

# FY13 Budget Guidance



## Summary of FY13 Proposed Budget



	<b>FY2013</b>
BCB Recurring Revenue	\$9,370,038
BCB Recurring Expenses	\$6,364,925
Recurring Surplus	\$3,005,113
BCB Capital Projects	\$555,584
Intergovernmental Agreements & Contractual Services	\$4,007,000
Non-Recurring Expenses	\$4,562,584
<b>Total Expenses</b>	<b>\$10,927,509</b>
<b>Overall Surplus (Shortfall)</b>	<b>(\$1,557,471)</b>
Available Fund Balance	\$15,198,316

## FY13 Budget Guidance

- **Level of Service**
  - Fixed Operating Costs (recurring expenses)
- **After recurring expenses, use of remaining ad valorem revenue and cash balance for one-time costs:**
  - BCB Capital Improvement Projects
  - Intergovernmental Agreements
  - Alternative Water Supply
  - Stormwater Improvements
  - Monitoring/Modeling Contractual Services

# Next Steps



## Key Milestones



- **Today:** Big Cypress Basin (adopt tentative millage)
- **July:** Complete county appraiser millage certifications
- **July 12:** District Governing Board FY13 Budget Update and approval of proposed millage rates
- **August 1:** Complete and submit FY13 Budget report to Governor and Legislature
- **August: Workshop** – BCB Strategic Planning (TBD)
- **August (TBD):** Big Cypress Basin (adopt final millage)
- **September (TBD):** Two public meetings to adopt tentative and final millage rates & budget

## Guidance: FY14 Onward

- **Guidance on use of fund balance & operating surplus**
  - Review Strategic Priorities (established 2009)
  - Establish Project Priorities & Funding Levels
    - Capital Improvement Projects
    - Collier County/Naples Priority Projects
      - Northern Golden Gate Estates Flowway
      - North Belle Meade Rehydration
    - Alternative Water Supply/Stormwater Improvement Projects
    - Monitoring/Modeling
    - Picayune Strand Restoration
    - BCB Field Station
    - Contingency Reserves

# Discussion



## Staff Recommendation

Approve a motion to request the District Governing Board to approve the preliminary Big Cypress Basin Budget and to establish the rolled back rate of 0.1638 mills to levy ad valorem taxes within the Big Cypress Basin to fund the budget of the Basin