

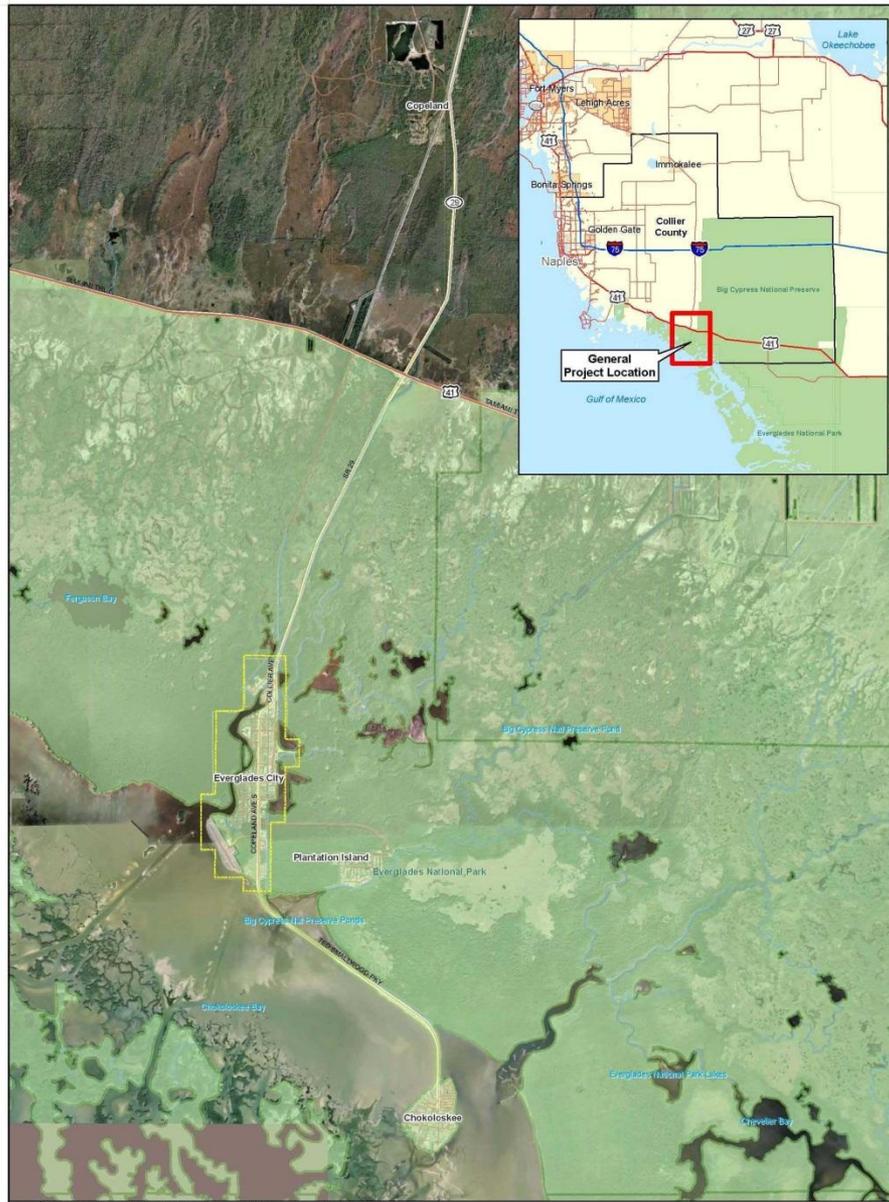
# CITY OF EVERGLADES CITY

APRIL 27, 2012

## Utility System

Mayor Sammy Hamilton, Jr.

Rony Joel, P.E.



Source: 2009 Collier County Aerial Map, 2004 WMD Aerial Map, Microsoft Virtual Earth

**LEGEND**

 Everglades City City Limits

  
**TETRA TECH**

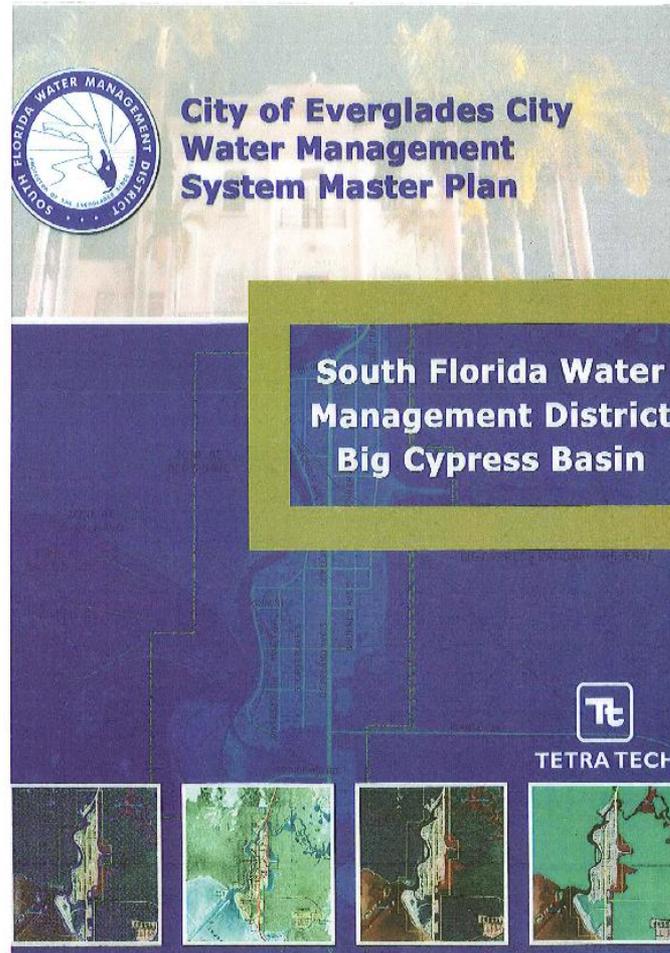
  
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EVERGLADES CITY WATER MANAGEMENT SYSTEM MASTER PLAN  
 PROJECT LOCATION MAP

FIGURE 1-1

# Water-Wastewater Master Plan

## FY11



# Master Plan Conclusions

- Water source has to change
  - \$450,000
- Water plant must be upgraded
  - \$2,500,000
- Wastewater plant needs to be upgraded
  - \$6,450,000
- Stormwater Master Plan needs to be created

# Well Water Supply



# Water Supply and Treatment



# Water Supply

- FY11-14 Implement Water Supply Plan
  - FY11 Locate new wells – done by BCB
  - FY12 Install new wells - \$250,000
  - FY13/FY14 Upgrade water plant to meet regulatory requirements - \$2,500,000

# Water Supply



# Wastewater system

- 100% Reuse – residential and ROW median
- FY14 –FY17 Reuse Water Production
  - Plant is past its useful life
  - FY 14 Conceptual design
  - FY15/FY16/ FY17 Plant upgrade

# Reuse Water Production Facility



# Capital Improvement Program

- Based on BCB developed Master Plan (2011)
- Water treatment
  - 2012 through 2014
  - \$ 2,950,000
- Reuse production plant
  - 2014 through 2017
  - \$ 6,450,000

# Water Supply Funding

- Rate Base
- DEP –SRF loan
- BCB/SFWMD

# WATER RATES

Monthly (10,000 GALLONS)

- Everglades City \$ 41.00
- Naples 21.17
- Immokalee 32.74
- Ft Myers 41.83
- Collier County 47.93

# Water Base Fees

- Current base \$ 13.00
- October 2012 \$ 16.00
- October 2013 \$ 19.00
- A 23% increase in 2012
- A 19% increase in 2013

# Financial Projections

## With No Capital Improvements

	2011	2012	2013	2015	2016	2020	2025
REVENUE	616,070	712,270	761,230	823,750	884,470	986,590	1,354,567
EXPENSES							
Water	358,517	364,208	370,007	381,949	388,091	412,091	477,726
WW	367,340	372,801	378,361	389,790	395,660	419,660	486,501
TOTAL	725,857	737,009	748,368	771,739	783,751	831,751	964,227
Net operating	(109,787)	(24,739)	(12,862)	52,011	100,719	154,839	390,340
DEBT SERVICE	134,215	106,888	108,222	107,100	107,073	102,974	65,045
NET REVENUE	(244,002)	(131,627)	(121,084)	(55,089)	(6,354)	59,865	325,295

Water: 2012 -23%; 2013 – 19%

Wastewater: 2015 – 27%; 2016 – 22%

Water and Wastewater: 2020 – 3%

# Financial Projections

## Water CIP - \$2.5 million

	2011	2012	2013	2015	2016	2020	2025
<b><u>NO WATER GRANTS</u></b>							
NET REVENUE	(244,002)	(131,627)	(121,084)	(55,089)	(6,354)	59,865	325,295
NEW DEBT W			184,709	184,709	184,709	184,709	184,709
Net W/O Grants			(305,793)	(239,798)	(191,060)	(124,844)	140,586
<b><u>WITH WATER GRANTS</u></b>							
With BCB Grants and DEP SRF Loan							
NET REVENUE	(244,002)	(131,627)	(121,084)	(55,089)	(6,354)	59,865	325,295
NEW DEBT water			25,000	25,000	25,000	25,000	25,000
Net With Grants			(146,084)	(80,089)	(31,354)	34,865	300,295

# Funding Request

## **BCB – AWS Grant**

- **FY13 - \$750,000**
- **Water Phase 2**
- **FY14 - \$750,000**  
Water Phase 2
- **FY14 - \$250,000**  
Reuse Phase 1
- **FY15 - \$1,000,000**  
Reuse Phase 2

## **BCB - Water Quality Grant**

- **FY13 - \$ 0**

# Moving Forward

- We have a PLAN
- We have TECHNICAL resources
- We now NEED FINANCIAL Support

**WE NEED BCB/SFWMD  
FINANCIAL SUPPORT**

**Q&A**

Our community  
Thanks You

The City of Everglades City  
Sammy Hamilton, Jr., Mayor