9th Annual Public Meeting on the Long-Term Plan for Achieving Water Quality Goals for the Everglades Protection Area Tributary Basins

February 22, 2012

Compartment B and Compartment C Buildouts Stormwater Treatment Areas Construction Update

Matthew Alexander, P.E., Project Manager Engineering and Construction Bureau South Florida Water Management District
Location of Compartments B and C
Basis and Purpose

- Component of the Everglades Construction Project and the Everglades Protection Area Tributary Basins Long-Term Plan for Achieving Water Quality Goals (Long-Term Plan)

- Included in the 10-Year Strategic Plan and the Current Annual Plan

- Assist with Redistribution of Flows and Loads in the Stormwater Treatment Area (STA) System to Achieve Optimal Performance
Compartment B Buildout

- East of U.S. 27 and STA-3/4
- West of STA-2
Accomplishments to date:

- Completed Final Design - STA, Pump Stations, G-434 & G-435 Bridges
- Completed Pump Equipment Procurement Contract
- Received Construction Permits
- North and South Buildout STAs
  - Notice to Proceed (NTP) June 1, 2009 for North and South Buildouts
  - Achieved Flow Capable Milestone for the North & South Buildout STAs - December 2010
  - Achieved Final Completion on North Buildout STA on Oct 22, 2011 and South Buildout Nov 8, 2011
- Continued Construction – G-434 and G-436 Pump Stations
  - Issued NTP September 14 & 17, 2009
  - Completed Superstructure at G-435, G-434 & G-436 Pump Stations
  - Installed Pumping Equipment
- Completed Construction – Bridges at G-434 & G-435, & G-435 Pump Station
- Completed Construction - G-435 Pump Station on January 24, 2012
Compartment B Buildout

What’s next:
- Continue Construction of G-434 and G-436 Pump Stations

Construction Completion Schedule
Compartment B Buildout

STA-3/4

Cell 5

Cell 6

Cell 3

Cell 2

Cell 1

Cell 4

Cell 7

Cell 8

WCA-2A

WCA-3A

L-5 Canal

L-3 Canal

G-372

G-374

G-337

G-335

G-411

G-436

G-435

G-442

G-443A

G-443B

G-367 F-A

G-438 A-E

G-438 F-J

G-337 A-E

G-337 E-A

G-331 G-A

G-329 D-A

Treatment Cell Acreage

| Cell 1 | 1792 |
| Cell 2 | 2270 |
| Cell 3 | 2270 |
| Cell 4 | 1902 |
| Cell 5 | 2096 |
| Cell 6 | 1786 |
| Cell 7 | 1829 |
| Cell 8 | 1410 |

TOTAL 15057

*Not to Scale and drawings are approximations
G-434 Pump Station
Compartment C Buildout

- East of Feeder Canal, L-28 and C-139 Basins
- West of Rotenberger Wildlife Management Area
Compartment C Buildout

STA-5/6

C-139 Basin

Rotenberger Wildlife Management Area

C-139 Annex

*Not to scale and drawings are approximations
Compartment C Buildout

Accomplishments to date:

• Completed Final Design-STA and Pump Station
• Completed Pump Equipment Procurement Contract
• Received Construction Permits

• Completed Construction of STA
  ▪ Issued NTP April 6, 2009
  ▪ Achieved Flow Capable Milestone December 2010
  ▪ Achieved Final Completion on September 18, 2011

• Continued Construction of G-508 Pump Station
  ▪ Issued NTP September 1, 2009
  ▪ Installed Diesel and Electric Pumps
  ▪ Completed Superstructure
What’s Next:
  • Continue Construction of G-508 Pump Station

Construction Completion Schedule
  • G-508 Pump Station               May 13, 2012
Questions?