

Chapter 3: Permitted Conditions Annual Reports for the Everglades Forever Act Projects

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ANNUAL REPORTS

For the reporting period, the annual reports for the Everglades Forever Act projects are presented as appendices to this chapter as follows:

- Appendix 3-1: Annual Permit Report for the Everglades Stormwater Treatment Areas
- Appendix 3-2: Annual Permit Report for the Non-Everglades Construction Project

PERMIT INFORMATION UPDATES

STA-2 COMPARTMENT B NORTH BUILD-OUT

Permit No. 0126704-008-EM

Permit Title: Stormwater Treatment Area 2 (STA-2)

Permit Administrator: Permit Acquisition and Compliance Section, Regulation Bureau

Permit Modification Number: 0126704-013-EM

Specific Condition Requiring Annual Report: 28

Issue Date: March 17, 2009

Expiration Date: March 17, 2014

Reporting Period: May 1, 2010 to April 30, 2011

Report Prepared By: Holly Andreotta

Status

Notice to Proceed was issued on June 1, 2009. The project was flow capable as of December 3, 2010. Flow capable is defined as the point during the construction period when the levees and canals are fully constructed (less final grading and restoration) and flow control structures can be operated manually, as designed, without electric power. Although the system is flow capable, operations will not begin until the appropriate operational permits have been obtained.

This project was issued a Certificate of Substantial Completion on July 21, 2011, and is defined as the point when the entire facility is capable of being operated as designed. Only minor punch list items remain that do not adversely impact the operation of the facility in accordance

with Section 01700, "CONTRACT CLOSEOUT." The final completion date is scheduled for Water Year (WY2012) (May 1, 2011–April 30, 2012).

Problems Encountered

No problems were encountered.

Actions to Address Problems

None are needed.

STA-2 COMPARTMENT B SOUTH BUILD-OUT**Permit No. 0126704-008-EM**

Permit Title: Stormwater Treatment Area 2 (STA-2)

Permit Administrator: Permit Acquisition and Compliance Section, Regulation Bureau

Permit Modification Number: 0126704-013-EM

Specific Condition Requiring Annual Report: 28

Issue Date: March 17, 2009

Expiration Date: March 17, 2014

Reporting Period: May 1, 2010 to April 30, 2011

Report Prepared By: Holly Andreotta

Status

Notice to Proceed was issued on June 1, 2009. This project was flow capable as of December 3, 2010. Flow capable is defined as the point during the construction period when the levees and canals are fully constructed (less final grading and restoration) and flow control structures can be operated manually, as designed, without electric power. Although the system is flow capable, operations will not begin until the appropriate operational permits have been obtained.

All required facilities have been constructed and tested with final inspections underway. Substantial completion is scheduled to occur within WY2012, and is defined as the point when the entire facility is capable of being operated as designed. Only minor punch list items remain that do not adversely impact the operation of the facility in accordance with Section 01700, "CONTRACT CLOSEOUT." The final completion date is scheduled to occur within WY2012.

Problems Encountered

No problems were encountered.

Actions to Address Problems

None are needed.

STA-2 COMPARTMENT B G-435 PUMP STATION**Permit No. 0126704-008-EM**

Permit Title: Stormwater Treatment Area 2 (STA-2)

Permit Administrator: Permit Acquisition and Compliance Section, Regulation Bureau

Permit Modification Number: 0126704-013-EM

Specific Condition Requiring Annual Report: 28

Issue Date: March 17, 2009

Expiration Date: March 17, 2014

Reporting Period: May 1, 2010 to April 30, 2011

Report Prepared By: Holly Andreotta

Status

Notice to Proceed was issued on September 17, 2009. The pump station building is dried-in. All pumps and motors have been installed and associated facility earthwork is 95 percent complete. This project is expected to be substantially complete within WY2012.

Problems Encountered

No problems were encountered.

Actions to Address Problems

None are needed.

STA-2 COMPARTMENT B G-434/436 PUMP STATIONS**Permit No. 0126704-008-EM**

Permit Title: Stormwater Treatment Area 2 (STA-2)

Permit Administrator: Permit Acquisition and Compliance Section, Regulation Bureau

Permit Modification Number: 0126704-013-EM

Specific Condition Requiring Annual Report: 28

Issue Date: March 17, 2009

Expiration Date: March 17, 2014

Reporting Period: May 1, 2010 to April 30, 2011

Report Prepared By: Holly Andreotta

Status

Notice to Proceed was issued on September 14, 2009. Pump station buildings are dried-in. All pumps, motors, and engines have been installed and associated facility earthwork is 80 percent complete. This project is expected to be substantially complete on March 21, 2012.

Problems Encountered

No problems were encountered.

Actions to Address Problems

None are needed.

STA-5/6 COMPARTMENT C BUILD-OUT**Permit No. 0131842-009-EM**

Permit Title: Stormwater Treatment Area 5/6 (STA-5/6)

Permit Administrator: Permit Acquisition and Compliance Section, Regulation Bureau

Permit Modification Number: Not applicable

Specific Condition Requiring Annual Report: 28

Issue Date: January 29, 2009

Expiration Date: January 29, 2014

Reporting Period: May 1, 2010 to April 30, 2011

Report Prepared By: Holly Andreotta

Status

The construction of the Compartment C Build-out at STA-5/6 began on April 6, 2009. The project was flow capable as of December 27, 2010. Flow capable refers to the ability of the stormwater treatment areas (STAs) to hold approximately four feet of water with structures complete and gates in place to allow flow of water in and out of the cells. Structure gates were capable of being manually operated by the contractor at this point.

The final completion date is scheduled for September 18, 2011, following issuance of Change Order Number 8, which extends the contract by 34 days. Functional acceptance testing and programming of the 22 new structures is near completion, which will allow for remote operation. The two 50 cubic feet per second (cfs) pumps at the G-509 pump station are operable with final instrumentation and control under way.

A Certificate of Substantial Completion was issued on August 13, 2011 with the final punch list provided to the contractor. This is defined as the point when the entire facility is capable of being operated as designed. Only minor punch list items remain that do not adversely impact the operation of the facility.

Pump Station G-508 received a Notice to Proceed on September 1, 2009. Substantial completion is scheduled for January 7, 2012 and final completion is scheduled for February 13, 2012 after processing Change Order Number 5, which extends the contract by 60 days. The building has been sealed, the inflow canal has been excavated, riprap has been installed, pumps are in place, and connections of electrical systems and project piping are in progress.

Problems Encountered

Resolution regarding the treatment or required protection method of environmentally sensitive areas within the individual STA cells and construction of related elements may impact STA operations within the build-out. No construction elements are impacted by this item.

Actions to Address Problems

The United States Army Corps of Engineers and the South Florida Water Management District are coordinating to protect identified environmentally sensitive areas, and are in the process of design and bid preparation to complete that work.