

A.E.0 DRAFT OPERATING MANUAL

This addendum identifies operational modifications to be made to the Draft Operating Manual located in Annex D of the Final Project Implementation Report (PIR) of the Site 1 Impoundment Project. These operational modifications are necessary because of a change in project design. In accordance with the Comprehensive Everglades Restoration Plan (CERP) Programmatic Regulation Guidance Memorandum No. 5 (GM 5), these operational modifications will be properly analyzed, refined and incorporated in the next iteration of the Draft Operating Manual (DOM). The next iteration of the DOM will be developed concurrently with the Plan and Engineering Design phase.

Section 3 – PROJECT FEATURES:

- Include three additional features and their respective purposes as follows:
 - a. S-526B – Combination 2-crested non-gated overflow spillway. Auxiliary spillway with crest elevation of 19.4 feet, NGVD and width of 50 feet designed to discharge into Hillsboro Canal when triggered. Service spillway with crest elevation of 18.0 feet, NGVD and width of 19 feet designed to discharge into the Hillsboro Canal when triggered.
 - b. S-526C - Auxiliary spillway with crest elevation of 20.4 feet, NGVD and width of 500 feet designed to discharge into the Water Conservation Area 1 or Loxahatchee National Wildlife Refuge (WCA-1) when triggered
 - c. L-508I and S-528A – Remove internal levee and associated gated culverts
- Incorporate new pump capacity and combination for proposed pump station S-525A as follows:
 - a. Pump station capacity – 650 cubic feet per second (cfs)
 - b. Pump combination – Four diesel engine-driven pumps rated at 150 cfs and one electric-driven pump rated at 50 cfs

Sections 4 and 5 – OPERATIONAL STRATEGY TO MEET PROJECT OBJECTIVES and PROJECT RELATIONSHIPS AND INTERACTIONS:

- Incorporate seasonal operational depth limits in the Impoundment as follows:
 - a. From 15 June to 15 November – Maximum operational allowed depth of 5 feet (15 feet, NGVD)
 - b. From 15 November to 15 June- Maximum operational allowed depth of 8 feet (18 feet, NGVD)

Section 6 – MAJOR CONSTRAINTS

- Incorporate a new sub-section “c” with language as follows:
“Potential discharges into WCA-1 when S-526C is triggered. Coordination with the United States Fish and Wildlife Service, who are responsible of the Refuge,

must be performed prior to the implementation of Site 1 Impoundment operations.”

Section 8 – OPERATIONS TO MEET PROJECT PURPOSES

- Incorporate in sub-section “b” parts “i”, “ii” and “iii”, and sub-section “d” the seasonal operations depth limits and spillway limits as outlined above

Section 9 – PRE-STORM/STORM OPERATIONS

- This section needs to incorporate the seasonal depth limits and additional spillway combination as outlined above.

Section 17 – WATER CONTROL DATA ACQUISITION SYSTEM PLAN (WCDASP)

- Table 2 needs to reflect the change to S-525A “pump capacity” and “pump mix” as outlined above and delete S-528A gated culverts.
- Incorporate the new features instrumentation in Table 2
- Replace Figure 1 with an updated version including the revised plan