

Herbert Hoover Dike Rehabilitation Project, Glades County



The U.S. Army Corps of Engineers (USACE) Jacksonville District is conducting a complete rehabilitation of facilities associated with the Herbert Hoover Dike surrounding Lake Okeechobee. The Dike contains 32 culverts, which are either being removed or replaced by a number of projects being implemented through 2018.

SWC (Sandra Walters Consultants, Inc.) was responsible for performing all pre-construction environmental tasks and establishing all species, turbidity and erosion control monitoring protocols, reporting and environmental training during construction for one of the first projects being implemented—replacement of culverts 1 and 1A in Glades County.

SWC accomplishments included:

- ❖ Preparing and receiving USACE approval for Environmental Protection Plan.
- ❖ Preparing and receiving USACE approval for Stormwater Pollution Protection Plan (SWPPP) and amendments.
- ❖ Processing NPDES authorization.
- ❖ Receiving USACE approval for required species monitor qualifications.
- ❖ Conducting all pre-construction species monitoring and receiving USACE approval for reports.
- ❖ Creating and implementing environmental education process for construction personnel, including designing and printing waterproof field booklet for onsite use, and designing Powerpoint presentation for training sessions.
- ❖ Conducting environmental training for first four months of construction.
- ❖ Conducting species monitoring during first four months of construction and preparing and receiving USACE approval of all monitoring reports.
- ❖ Successfully processing dewatering permit application in two weeks.
- ❖ Preparing Boating Maintenance of Traffic Plan for federal waterway in which construction work is occurring, and receiving USACE, US Coast Guard and FWC approvals.
- ❖ Setting up procedure for turbidity monitoring, including training all personnel, conducting monitoring for first four months of construction, and preparing and receiving USACE approval for all required monitoring reports.

Herbert Hoover Dike Rehabilitation Project
Culverts 1 and 1A Replacement
USACE Project No. W912EP-11-C-0040
FDEPERP No. 0234604-012-ES
GLADES COUNTY

**ENVIRONMENTAL
EDUCATION BOOKLET**

This educational booklet identifies protected species that may be encountered by all personnel accessing the H-HD Rehabilitation Project (Culverts 1 and 1A). It is vital that all people on this project protect fish and wildlife encountered. This booklet also includes field and reporting protocols to be implemented. Measures to prevent violations of turbidity standards, and safety measures for some dangerous wildlife, are also described.

Herbert Hoover Dike Rehabilitation Project
Culverts C1 & C1A
Replacement
November 11, 2011

Habitat Photographs

C1 to NW to NNE, Sarasota
C1A NW to ESE, Sarasota
C1 to ESE, Sarasota
C1A to SE, Sarasota
C1 to SW to NW, Sanibel
C1A ESW to WNW, Sanibel

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