

AGENDA ITEM PALM BEACH COUNTY
CONTAINS MORE THAN 50 PAGES BOARD OF COUNTY COMMISSIONERS
IT MAY BE VIEWED IN AGENDA ITEM SUMMARY
COUNTY ADMINISTRATION

Meeting Date: June 29, 2010 Consent Regular
Public Hearing

Submitted By: Water Utilities Department
Submitted For: Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: a Change Order No. 3 to the contract with the Poole and Kent Company of Florida (Poole & Kent) for the Lake Region Wellfield Improvement Project (R2006-2313) increasing the contract price by \$60,366.82 and providing a 946-day time extension.

Summary: On October 17, 2006 the Board of County Commissioners approved the contract with Poole & Kent Co. (R2006-2313) in the amount of \$5,026,000. The contract with Poole & Kent for the Lake Region Wellfield Improvements Project included well pumping, modification to remote storage and telemetry. Change Order No. 3 includes construction changes and a contract settlement. The seven Floridan wells became operational in February of 2008. The naturally occurring artesian pressures and brackish water caused electrical problems in the pump motor cables over the past 2 years. Poole & Kent has agreed to pay for the associated labor and equipment costs to remove and reinstall all seven submersible well pumps in exchange for the time extension. The Glades Utility Authority (GUA) will pay for materials and construction of an improved surface seal for the electrical cables. The replacement of the well pumps and motors will be completed by the fall of 2010. The contract with the Poole & Kent provides for SBE participation of 15.63% overall. This change order includes zero overall SBE participation. The contractor's cumulative SBE participation, including this change order, is 17.30% overall. (WUD Project No. 03-169) District 6 (JM)

Background and Justification: The project provided for installation of the well pumps along with modification of the existing water storage and pumping facilities to allow remote monitoring and control from the Lake Region Water Treatment Plant. This Change Order provides for various construction changes and settlement of electrical problems associated with the seepage of brackish water into the electrical cables which caused electrical shorts. Poole & Kent has hired a Palm Beach County well driller, All Webb Enterprises at their cost for labor to remove and replace the well pumps and to install a custom fabricated pressure seal around the outer electrical cable jacket. The previous surface assembly sealed against the individual conductors which was less robust than sealing on the outer jacket.

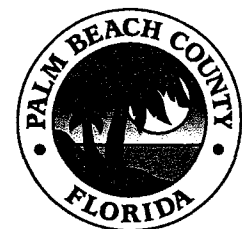
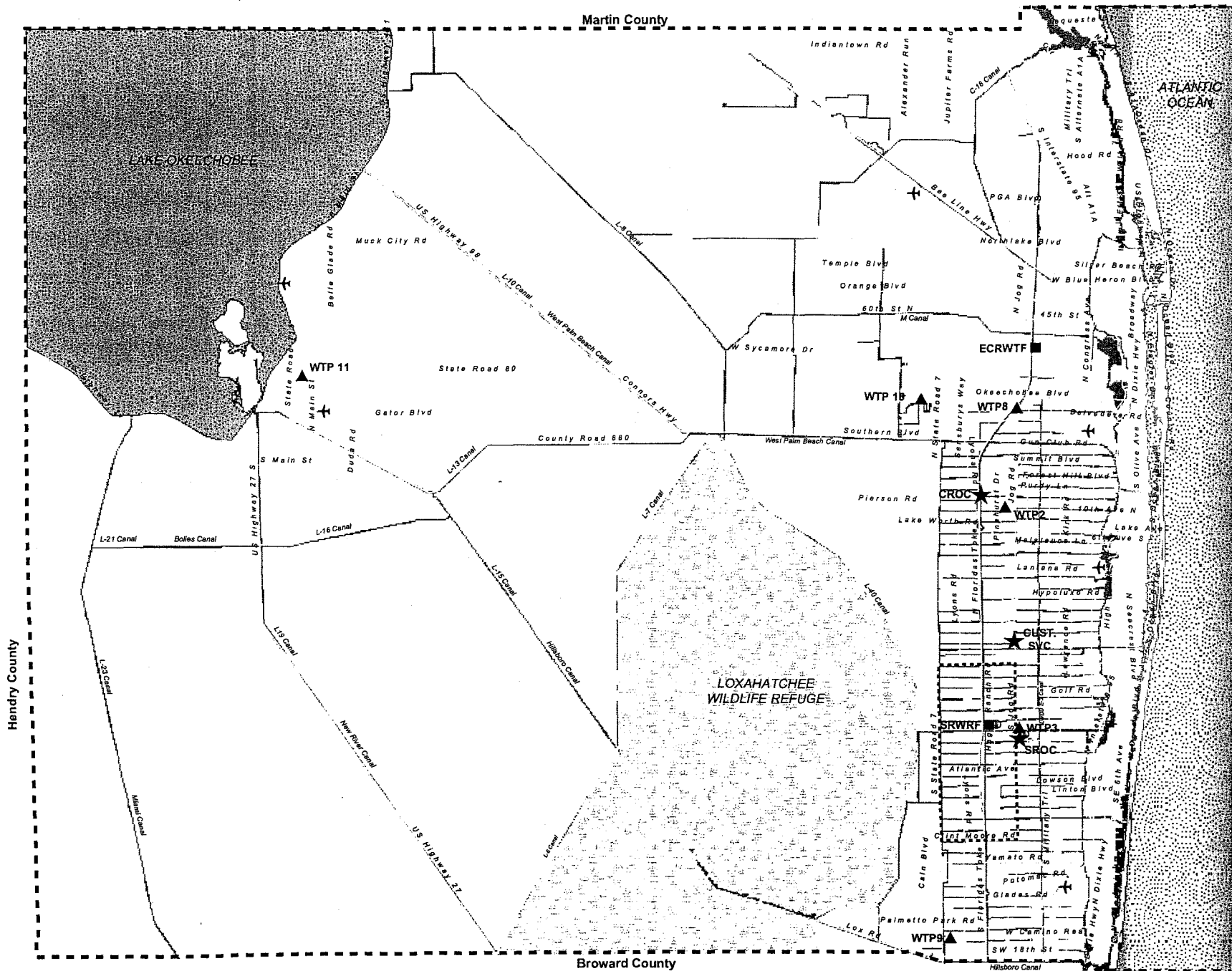
Attachments:

- 1. Location Map
- 2. Two (2) Original Change Order No. 3
- 3. Settlement and Time Extension Memo dated June 7, 2010

Recommended By: Bruce Beaman 6/8/2010
Department Director Date

Approved By: Sharon J. Bly 6/14/10
Assistant County Administrator Date

PALM BEACH COUNTY, FLORIDA
WATER UTILITIES DEPARTMENT
SERVICE AREA (SA) AND MAJOR FACILITIES



Attachment 1

- Legend**
- P.B.C.W.U.D. SA
 - - - Mandatory Reclaimed SA
 - - - County Limits
 - ★ Administration
 - Water Reclamation Plant
 - ▲ Water Treatment Plant
 - ⊙ Wetlands



NOT TO SCALE

Hendry County

Martin County

Broward County