



Craig A. Smith & Associates, Inc.

Engineers • Surveyors • Subsurface Utility Engineering • 3D Subsurface Imaging • Utility Coordination

PALM BEACH COUNTY WATER UTILITIES

LAKE REGION WATER TREATMENT PLANT

WATER TRANSMISSION SYSTEM

Project Entity:

Palm Beach County
Water Utilities Department
8100 Forest Hill Boulevard
West Palm Beach, FL 33413

Contact:

Stephen M. McGrew, P.E.
Manager Water Design
(561) 493-6110
smcgrew@pbcwater.com

CAS Project No.: 04-1211

CAS Profile No.: 69

Project Description:

The Lake Region Water Treatment Plant Water Transmission System Project consisted of the construction of 91,200 linear feet of HDPE water distribution mains (ranging in size from 30-inch to 1-inch) to serve the cities of Pahokee, Belle Glade and South Bay from the central Lake Region Water Treatment Plant located on Hooker Highway in Belle Glade. Design included raw water piping from seven (7) portable water wells to the county reverse osmosis Water Treatment Plant. Raw water mains ranged from 12-inch at each well to 30-inch entering the water treatment plant. Total design costs for the project was \$450,000. Total construction cost was \$14,700,000. The project began in 2005 and was completed in 2007 without liquidated damages.

Responsibilities:

Survey, preliminary planning, preparation of engineering design and construction plans, cost estimates, permitting, bid documents, bidding assistance and contract award, construction management and construction observation, and certification through project close-out.

Key Personnel:

Gene R. Schriener, P.E. – President; William H. Landis, P.E. – Senior Supervising Engineer; Greg Giarratana – Senior Supervising Engineer; David Hansen – Senior Field Representative

