

GROUND STORAGE WATER TANK & HIGH SERVICE PUMP STATION

Dania Beach, Florida



CLIENT City of Dania Beach
Public Services Department
100 West Dania Beach Blvd.
Dania Beach, Florida 33004

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PROJECT DESCRIPTION

Project included a 2 million gallon prestressed concrete finished water ground storage tank, a new 4,800 gallon per minute (gpm) firm capacity high service pump station consisting of five vertical turbine pumps with variable frequency drives (VFD), and an emergency power generator. The system was brought on line in June 2008.

SCOPE OF WORK

Prestressed wire construction of 2.0 million gallon (MG) finished water storage tank and all associated yard piping, structural, electrical, and instrumentation and controls improvements at the City of Dania Beach Water Treatment Plant, including installation of new 30", 24" and 16" finish water ductile iron pipe underground services and process piping for high service pump station, construction of new VFD and electrical control buildings, and complete site development.

COMPLETION DATE

2008

PROJECT COST

\$ 3,470,025