



### MARTIN COUNTY UTILITIES - TRAINS A & B

Location:	Jensen Beach, Florida	Capacity:	3.0 MGD (1.5 MGD Trains)
Engineer:	Kimley-Horn	Feed Source:	Floridan Aquifer
Market:	Municipal	Feed Quality:	2450 TDS
Start-Up:	Train A May 1993	Start-Up:	Train B March 1994
Membrane:	Fluid Systems 8821 LP TFC	Membrane:	Hydranautics 8040-LSY-CPA2

**Project Highlights:** Hydropro was selected by General Contractor John J. Kirlin and Martin County Utilities to construct a 3 MGD (expandable to 4.5 MGD) Reverse Osmosis facility in two phases. This RO plant operates adjacent to their existing lime softening facility and the products are blended together for use.

Hutcheon Engineers (a division of Kimley Horn), designed the RO plant for three 1.5 MGD trains. Hydropro supplied Train A and Train B using its FRP “tree” skid design. Due to the design features of side entry pressure vessels and horizontal headers, the pressure vessels can be completely drained before maintenance.

Hydropro was also the system’s Instrumentation and Control subcontractor with responsibility for three RO feed pumps (one is a spare), two 1.5 MGD RO trains, PLC, control console, TISTAR operator interface and instrumentation.