



Case History No.: 01-7391
Date: September 2002
Description: 54"ø, 48"ø, 42"ø, 36"ø, 30"ø, 150 psi, FRP Pipe for the Tampa Desal Plant
Location: Hillsborough County, FL
Owner: Tampa Bay Water Authority
Contractor: Covanta Water/Covanta Tampa Bay, Inc.

Scope:

In 2002, IPS began construction of the FRP piping requirements for the Tampa Bay Desalination Plant. We worked for Covanta Tampa Bay, Inc., the process developer and operator of the plant. King Engineering had the engineering design responsibility. In some areas we were under contract directly for Covanta. In other areas we worked for several mechanical contracting firms. Vogel Brothers Construction had the largest contract, and we worked closely with them on a variety of installations of this project.

Our pipe was provided in sizes ranging from 8"ø through 54"ø with joining systems including O-Ring, Bell x Spigot, Butt Wrap, Flange, and Mechanical Seal. Our scope of work included shop and field fabrication. Our field crew made the required welds to assembly the shop fabricated pipe sections produced in our facility.

The engineering firm specified both HDPE and FRP pipe for the service systems. Because of the versatility and competitive pricing of FRP pipe, we were successful in providing the bulk of the pipe required for the project.

