

project brief

TYPE OF FACILITY:
Reverse Osmosis Water
Treatment Plant



South Collier County Reverse Osmosis Water Treatment Plant

■ Naples, Florida

The South Collier County Reverse Osmosis Water Treatment Plant located in Naples, Florida, recently decided to upgrade their facilities to include new reverse osmosis trains. The upgrade required membrane piping with a clean-in place system, as well as, a system which would feed water to process equipment, also known as trench piping. The availability of grooving tools for field grooving coinciding with proven reliability and ease of maintenance, made the Victaulic grooved piping system the ideal pipe joining method. The plant features Victaulic Stainless Steel products on both the pressure vessel connections and the CIP (Clean-in-Place) System for ease of maintenance. In addition, large OD Stainless Steel Depend-O-Lok Couplings were used on the trench piping to eliminate the need for field welding of the stainless steel pipe.

MARKET:
Municipal

VICTAULIC SOLUTIONS:
Ease of maintenance and elimination
of field welding

OWNER:
Collier County Utilities

CONTRACTOR:
Poole & Kent- Miami, FL

ENGINEER/CONSULTANT:
Hazen & Sawyer

COMPLETED DATE:
2007

SPECIFICATIONS:

SERVICES:	PIPE MATERIALS:	PIPE SIZE RANGE:
Membrane Piping	Stainless Steel & PVC	2 ½ – 8"/60 – 200 mm
Trench Piping	Stainless Steel	12 – 24"/300 – 600 mm



WCAS-74XFED