



Case History No.: 04-8754  
Date: Aug/Sept. 2004  
Description: 320' of fabricated 30" FRP pipe with O-Ring Bell x Spigot ends.  
Location: Cape Coral, Florida  
Owner: City of Cape Coral, Florida  
Customer: Kellogg, Brown & Root, Inc. / M W H Constructors

Scope:

This piping was a part of the city's *Utility Expansion Program* for the Southwest Water Reclamation Facility in Cape Coral, Florida. It involved replacing a failing buried steel line and installing a new aboveground FRP line from the headworks building to the splitter box at the aeration tanks. The internal corrosion barrier was manufactured using a premium grade vinyl ester resin for increased resistance. The structural wall was manufactured using a premium grade isophthalic polyester. The o-ring bell x spigot pipe was selected because thermal expansion could be handled in the bell ends eliminating the need for separate expansion joints. Reduced installation cost was also a consideration.



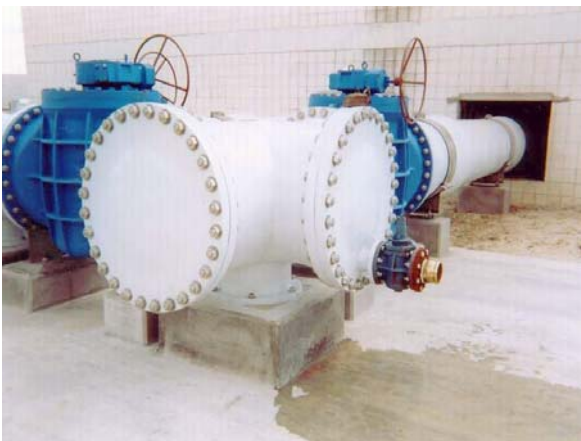


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## City of Cape Coral, Florida Southwest Water Reclamation Facility



Industrial Plastic Systems, Inc.