



PROJECT BRIEF



TARPON SPRINGS WATER TREATMENT PLANT

Project Type:

Industrial (Utility)

Application:

Concrete leveling, repair and restoration

Location:

Tarpon Springs, FL

Project Dates:

Aug 6 – Oct 7, 2015

Project Owner:

City of Tarpon Springs

Contractor:

Wharton-Smith, Inc.; Creative Concrete Services

Product:

Rapid Set® Acrylic Primer, Cement All®,
CR Concrete Resurfacer, LevelFlor®,
SET Control®, WunderFixx®

The City of Tarpon Springs, Florida, became an independent water supplier in December 2015 when it opened a new reverse osmosis water treatment plant. Reverse osmosis is a process that involves pumping groundwater from wells and forcing it, at high pressure, through membranes that remove impurities. The process is an effective treatment for brackish water.

Components of the \$36-million Tarpon Springs project included building the reverse-osmosis water treatment facility, establishing wells, laying water transmission pipelines and constructing storage tanks. The project was constructed by the design-build team of Wharton-Smith, Tetra Tech and Harn R/O. In 2016, they received a Merit Award in the Water/Environmental category of ENR Southeast's Best Projects.

Several Rapid Set products—Acrylic Primer, Cement All, Concrete Resurfacer, LevelFlor, SET Control, and WunderFixx—were used in various areas of the completed facility to mitigate standing water and create sanitary, level surfaces. Products were supplied in pallets, mixed with Hippo Mixers and drill-mounted paddle mixers, and placed with pumps. Surfaces were finished with spiked rollers, trowels and smoothers.