TAMPA BAY SEAWATER DESALINATION PLANT

In 1998, Tampa Bay Water began to implement a plan to meet the region's growing water needs. The plan was designed to provide geographic diversity and to include alternative drinking water sources to offset required reductions in groundwater pumping. An integral part of the plan was to construct a 25 mgd seawater desalination facility.

1997
RFP issued to design, build, own and operate a desalination facility.

JULY 1999
Tampa Bay Water selects Poseidon Resources Corporation and Stone & Webster partnership – S&W Water.

JUNE 2000
Stone & Webster declares bankruptcy and Poseidon acquires 100% of S&W Water.

2001
Poseidon teams with Covanta (formerly Ogden) and forms Tampa Bay Desal.

DECEMBER 2001
Covanta Energy fails to post required construction bond and project financing delayed.

MARCH 2002
Tampa Bay Water Board acquires fully designed, permitted, and 30% constructed project from Tampa Bay Desal (a wholly owned subsidiary of Poseidon Resources, Inc.) to enable long term financing to be completed. Tampa Bay Water contracts with Covanta Tampa Construction to complete the project.

MAY 2003
Covanta fails required performance tests.

SEPTEMBER 2003
Covanta fails to meet second deadline for performance testing.

OCTOBER 2003
Tampa Bay Water issues notice of default to Covanta Tampa Construction.

OCTOBER 29, 2003
Covanta Tampa Construction declares bankruptcy.

FEBRUARY 2004
Tampa Bay Water and Covanta Tampa Construction reach mediated settlement and Tampa Bay Water gains full control.

JULY 2004
Following a competitive procurement process, Tampa Bay Water and its consultants ranked American Water-Acciona Agua (formerly American Water-Pridesa) proposal highest.

NOVEMBER 2004
Tampa Bay Water contracts with American Water-Acciona Agua to resolve design and construction deficiencies.

SPRING 2007
Treatment plant remediation completed. Remediation involved overhaul of many components of the facility, including the pretreatment process to correct inadequate screening, mixing, sand filtration, construction of a polishing filtration step before the reverse osmosis units, correction of deficiencies in reverse osmosis and post-treatment, correction of deficiencies in the waste treatment and recycling process, remediation of electric power deficiencies, and upgrading of all chemical storage and feed systems was completed.

NOVEMBER 7, 2007
Acceptance testing completed.

RIBBON CUTTING CEREMONY
TAMPA BAY DESALINATION PLANT
JANUARY 25, 2008

Following acceptance of the project in November 2007, American Water-Acciona Agua has continued to operate the facility in accordance with its contractual obligations and in full compliance with all regulatory and environmental compliance criteria. During 2008, the first full contractual year of operation, American Water-Acciona Agua produced over 7,000 million gallons of desalinated water exceeding consumables expectations and providing savings for Tampa Bay Water and American Water-Acciona Agua on chemical and power consumption.

AMERICAN WATER

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IT'S WHAT WE DO.