

Case History 22—Municipal Aeration

**Town of Cedar Key, FL,
upgrades aeration with
new O²ctopus® System !**



The Town of Cedar Key, FL, is a resort community located on the northwest side of the state, built on an island about a mile into the Gulf of Mexico. FBC was asked to provide a design for an old, failing panel aeration system operated by Cedar Key's POTW, to improve aeration performance, and provide a system which could be removed for maintenance without shutting the plant down.



In January 2006, FBC was given a contract to provide 4 standard Octopus units (8 diffusers each), operating at a depth of 11-feet, to replace the old panel aerators. The installation was completed in one day, and has been in daily operation since.

The new stainless steel Octopus system was connected to the existing blowers and manifold system.

New stainless O²ctopus® units were custom manufactured to replace failing panel aerators, and connected to existing blower and manifold system.

The Town of Cedar Key operates their POTW from a “stealth” location, right in the center of town in this Florida resort community. Seen from the street, the plant has been designed for minimal odor, and is elevated to withstand periodic surges from storms blowing in from the Gulf of Mexico. Below, a view of the plant from the street, where it is in daily operation behind a purposely-built façade, which easily blends in with boutiques and restaurants in this small upscale resort community.

