



PROJECT SPOTLIGHT

Berm Island Living Shoreline



Project Location: Miami, FL
Name of Owner: Florida Power and Light
Owner Contact: Bill Coughlin
Construction Date: 7/11/16 – 8/5/2016

Scope of work

1. Project Design
2. Cultivate and deliver native plants
3. Monitor endangered species
4. Chisel holes in rock/coral substrate for planting units
5. Install growth substrate
6. Install native plants



Sea & Shoreline was contracted to install five miles, 1.3 million square feet, of Living Shoreline to stabilize five berms. The restoration project highlights another example of Sea & Shoreline's ability to conduct restoration projects in environmentally-sensitive areas in remote locations. All of the personnel equipment, and materials were transported from a staging area approximately five miles from shore using airboats. The remote project site was heavily utilized by two listed species; the American Crocodile, *Crocodylus acutus* and the Common Least Tern, *Sterna antillarum*. The location of the site also presented unique challenges because there was no access to fresh water. To compensate for the lack of fresh water Sea & Shoreline timed the project with local conditions to make the best use of the short rainfall season. In addition, a unique growth medium was installed with the plant to ensure survival during drought conditions. With Sea & Shoreline's experience, personnel, and equipment the project was completed in 25 days.