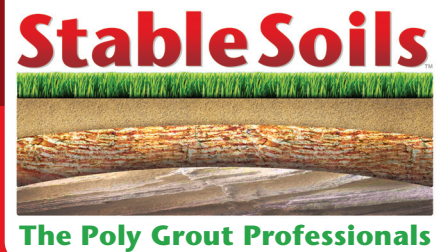


Case Study

LAKE PARK MARINA: SEAWALL REPAIR AT THE HARBOR MARINA



SCENARIO: West Coast Construction contracted Stable Soils for seawall repair at Lake Park Marina in Lake Park, FL. Voids had developed beneath the sidewalks and under the toe of the seawall, plus many of the joints were leaking.

SOLUTION: West Coast removed the sidewalks and pavers adjacent to the seawall. The consulting engineer identified the exact locations for repairs. Stable Soils injected Prime Flex 920 through 1/2" probes approximately 12' deep to fill the voids and seal the joints. Prime Flex 920 is a super low viscosity hydrophobic polyurethane resin that reacts with water to form a rigid, watertight mass. Its low viscosity, water-reactivity and the fact that it meets NSF/ANSI Standard 61 for contact with potable water, make it a good choice for seawall repair. The work was done in five or six phases so that the entire marina wasn't torn up at one time. West Coast would prepare a section, then Stable Soils would grout that section with about a week between each phase.

CHALLENGES: "The job was fairly standard," said Stable Soils Managing Partner Robert Stephenson, "but one challenge was that some of the boats in the marina were docked very close to the location we were working."

The crew had to be especially vigilant about avoiding overspray that could contact the boats. They also established floating barriers in the water to contain grout that flowed through the seawall in the process of sealing the leaks. These barriers ensured that the reacted grout could easily be contained, removed and disposed of.

OUTCOME: The grouting was successful and without complications. Each section of wall required 100-120 gallons of 920 to complete repairs, so 500-600 gallons were used in total for the project by a four-man crew.

"Everything went really well," said Stephenson. "The material worked well. It was a nice, straight forward job that was actually pretty easy, which is always great."



Stable Soils of Florida, Inc.
4265 Northwest 44th Ave., STE 7
Ocala, Florida 34482

PHONE: 352.433.2323
TOLL FREE: 866.622.3723

LEARN MORE AT:
www.StableSoils.com



Is your marina having settling issues? Don't wait to call...it is ALWAYS more economical to repair when issues first arise!

Quick, easy, non-disruptive and ready to use in a couple of hours... not days!