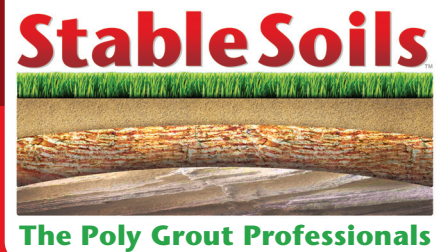


Case Study

MARINE MAX: MARINA MANAGERS KNOW WHO TO CALL!



Professional Marina Managers know who to call when faced with settling launch slabs!

This Marina, located in Stuart, Florida was experiencing slab settlement adjacent to the seawall bulkhead, causing the apron slabs to settle and then eventually fail. After inspection and drilling several probe holes through the slabs, it was very apparent that soil loss was occurring!

Inspection of the seawall structure revealed that soils were seeping out and under the "toe" of the panels, creating weak soil zones above...all the way up to ground level!

Once the apron slabs were cut and removed in the area, multiple utility runs were discovered, including a city owned force main, in the shallow soils underneath the apron slabs, making sheet pile installation impossible without relocating the utilities!

As economical options for repair were diminishing, they contacted us for a consultation on our method of repair. Working with Team Parks, Inc. and Mathers Engineering, we collaborated to create a deep injection of our 1-part polyurethane to create a curtain wall of treated soils at a depth beginning at 2' above the bottom of the seawall panels, down to a depth 8' below the seawall panels! This process forms a wall mass of bonded, waterproof and extremely hard (2000+ p.s.i.) soils that seals the inflow/outflow capillaries that were carrying the supporting soils out! These depths were required to begin at a full injection depth of 26' and terminated at 16' below grade! Definitely not a job for novices!

The complete job took 2 days to complete at a cost savings of over 40-50% better than conventional methods! Had this owner had to reroute the located utilities to facilitate sheet pilings, it would have taken weeks to repair, not to mention the extra excavation damage to the apron slabs as well as the interruption of the utility services. Our repair did not affect or interrupt any services provided by the Marina to their clients... Business as usual!



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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!