



Department of Environmental Protection

Jeb Bush
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32502-5794

David B. Struhs
Secretary

Artificial Reef, Inc.,
Coastal Restoration, Inc.,
6536 East Bay Blvd
Gulf Breeze Florida 32563

January 15, 2004

Dear Mr. S. Bartkowski,

I wanted to first of all express my sincere appreciation for all the work and support you and your Firm gave to the Project GreenShores (PGS) reef and coastal restoration project that helped acquire National recognition all the way up to the Office of the President of The United States. As the supervisor of the restoration section for the Florida Department of Environmental protection and the supervisor that brought Phase I of Project GreenShores to a successful completion, I am thankful to you for introducing me to your Wave Attenuation Device (WAD). The WAD was not only the answer to our unsolved erosion dilemma on the devastating East end but also allowed us to complete the project ahead of schedule.

Had you not introduced us to the WAD's practical application, I doubt we would have completed the project in time to qualify for the Presidential Award given by the Gulf Of Mexico Program. The excellent versatility of the WAD to be used as a very efficient attenuation devise under almost any situation in rough and shallow waters as well as a haven for attracting and sustaining biological diversity, make it the best attenuation devise for shore line armament and reef construction I've ever seen.

Sir, don't be surprised if you hear from some of my colleagues inquiring on the use of your WADS in Europe and several other countries dealing with serious erosion issues. Since PGS received National and International coverage on the internet, I can not tell you how many times I've been contacted by dozens of folks in the scientific and engineering community concerning the issues of how I dealt with erosion issues on such a large scale as PGS presented. I've also had the opportunity to discuss the possibility of using your WAD system on the southern shores of Greece and neighboring countries where erosion has become a growing concern. I don't know if I ever mentioned it to you but my family has been building shoreline armaments for over seventy-five years in the Mediterranean. So you can understand why the effectiveness of your Wave Attenuation Devices is of great interest to me and what I do as a scientist.

For future reference you may be interested to know that I am continuing to monitor the progress the WADS are achieving at Project GreenShores in Pensacola, Florida. Both the wave energy attenuation and biological interest has attracted our partnership friends and colleagues at the United States Environmental Protection Agency on Sabine Island. That is where most of the research for EPA's biodiversity in marine estuaries is done. I wanted to let you know that I'm still an active member of the advisory committees for phase II of PGS.

Also you'll be happy to know that in a recent evaluation of your WAD's, myself along with Mr. Ed Sarfard the Evaluator Inspector from the U.S. Army Corp of Engineers, Mr. David McGehee, Coastal Engineer for Project GreenShores, along with scientists from the US and Florida Fish and Wildlife Commission *gave unanimous support of approval for the WAD's to be used through out the entire project.* Once again thanks for resolving the erosion issues for PGS and helping us meet the deadline that allowed us to bring home one of only two prestigious Presidential awards for protecting waters of the Continental U. S. and that of The Gulf of Mexico.

As you may have heard by now after thirty years of working in all areas of the Department of Environmental Protection, I will be retiring to work in the private sector. I have already been contacted about being privately retained to do many similar shoreline-armoring projects throughout the world based on my successes, most notable Project GreenShores. I will be consulting with over seas entities, Federal, State and private property owners here in the states. As such, I look forward to continuing our professional relationship and continue the endeavors of saving our shorelines with innovative ideas such as your Wave Attenuation Devices and hopefully with the same degree of success as they proved in our project. Thanks again for your continued support as a partner in phase I & II of PGS. I hope we have other opportunities to work together on similar projects.

Sincerely,

A handwritten signature in cursive script that reads "Sava Varazo". The signature is written in dark ink and has a long, sweeping horizontal line extending to the right from the end of the name.

Sava Varazo
Environmental & Project Manager of Project GreenShores
Florida Department of Environmental Protection

Varazo & Associates
Environmental Engineering Consultants