

U.S. Coast Guard Base Alameda

Jet dock repair and reconfiguration.

Project Overview

Sustainable Group key personnel performed on-site construction services to repair and reconfigure the small boat jet docks.

Reference

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Project Description

In advance of the delivery of several new small boats to USCG Base Alameda, CA, this project required the repair and reconfiguration of the jet dock facility at the base. Sustainable Group teamed with Jet Dock Systems Inc. of Cleveland, Ohio to furnish the required material and the trained technicians to complete the required work.

The innovative Jet Dock System uses a series of interchangeable modules that are filled with water to allow the small boats to drive onto the dock and then filled with air to lift the entire boat and dock out of the water. The simple procedure is then reversed to lower the boat back in to the water. The system is virtually maintenance free and has been deployed at countless marinas and military bases around the world.

This project specifically required the modification of six existing 25 foot docks to 29 foot docks to accommodate the new Coast Guard Response Boat Small II (RBS II) boats. In addition, one entirely new 35 foot dock was constructed for the new Long Range Interceptor (LRI) small boat.

Upon removal of the first existing jet dock assembly from the water, extreme corrosion of the aluminum support structure was observed. This condition was immediately brought to the Coast Guard's attention and a modification was issued to replace the structural members. Additional zinc anodes were also affixed to the docks in order to prevent



Jet dock work underway



Rebuilding of new jet docks

Key Personnel Certifications

PE, LEED AP, PMP, CFM

Sustainable Group is a Service Disabled Veteran Owned Small Business Corporation.



Jet dock system



New jet docks in use

this corrosion from occurring in the future due to a very high degree of electrolysis within the estuary.

Sustainable Group key personnel self-performed many of the construction activities for this project including towing the jet docks to the temporary work area, removing the jet docks from the water, and transporting the refurbished jet docks back to the operational location. On-site construction management, safety oversight, and Quality Control/Quality Assurance (QA/QC) services were also self-performed.

About Sustainable Group

Headquartered in Moraga, California, Sustainable Group Inc. is a premier licensed General Contractor (CA #966993, HAZ) providing general construction environmental remediation, demolition, civil site development, and marine construction services. Sustainable Group also offers Leadership in Energy and Environmental Design (LEED) expertise pertaining to renewable energy and sustainable sites, as well as overall facilities management consulting services. Sustainable Group key personnel have over 26 years of experience in successfully executing projects and performing expert facilities management for multiple Federal entities including the Department of Homeland Security, Department of Energy, Department of Defense, Department of Transportation, and the Army Corps of Engineers.

Let's Discuss Your Needs

Sustainable Group will become a highly valued and trusted resource that you'll rely upon to consistently provide expert, efficient and professional construction, remediation, demolition, LEED, and facility management consulting services. Contact us at your convenience; we look forward to discussing your needs.

For more information, call us at **925-899-9721**, or email info@sustainable-group.com.

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