

U. S. Coast Guard Sector San Francisco, California

Yerba Buena Island Rock Fall Mitigation

Project Overview

Sustainable Group key personnel performed on-site construction services to mitigate the unstable slope and resultant rock falls at the Yerba Buena Island Facility.

Reference

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Project Description

The slope above the Sector San Francisco Yerba Buena Island Facility has a long history of periodic slope failure followed by rock falls on to the facility. Various minor repairs have been made in the past to control these falls with limited success.

This project completed a more holistic approach to arrest the slope issues and included storm water controls at the top of the slope, draped composite rock mesh installation along the face of the slope, and repair/expansion of a high strength chain link fence at the bottom of the slope to enhance personnel safety. Specific elements of work included curb replacement; spillway reconstruction; 1,750 linear feet of wattle installation along a steep slope; select vegetation removal; 1,600 cubic yards of rock scaling and disposal; 22,000 square feet of composite draped mesh system installation; and repair/expansion of 850 linear feet of 3/8" chain link fence at the foot of the slope.

Sustainable Group key personnel self-performed many of the construction activities for this project including all of the required demolition, excavation, concrete work, stockpiling of the scaled rock



Rock scaling



Draped mesh installation

Key Personnel Certifications

PE, LEED AP, PMP, CFM, QSD/
QSP

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



Draped mesh anchor installation



Upper spillway construction

material, and the repair/expansion of the chain link fencing. Sustainable Group also provided on-site construction management, safety oversight, and Quality Control/Quality Assurance for this very demanding project bringing it in on time, within budget and most importantly, without a safety incident despite the hazardous nature of the work.

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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