

# U. S. Coast Guard Noyo River Light Repairs

Construction services to replace the Noyo River Directional Light power supply

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## Project Overview

Sustainable Group key personnel performed on-site construction services to replace the damaged submarine cable supplying power to the critical Noyo River Directional Light in Noyo, California.

## Reference

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## Project Description

Early In 2011, the U.S. Coast Guard Civil Engineering Unit Oakland executed a dredging project to dredge the entrance channel to the Noyo River Harbor. During these dredging operations, the submarine cable supplying power to the critical Noyo River Directional Light was cut and extinguished the light. A temporary power line was then supplied to the light. This project removed the existing cable and temporary line, installed new government furnished submarine cable out to the light, trenched through an existing parking lot to a commercial power source, completed all shore side electrical connections, and restored the existing jetty rip rap.

Sustainable Group key personnel developed an innovative approach to this project and completed the majority of the work from the shoreline. Other contractors had considered the use of a deck barge to deliver the cable to the light; however this approach proved not to be cost effective. The Sustainable Group approach used an extendable forklift to raise the cable reel over the existing jetty and then a work boat was used to pull the cable across the waterway and attach it to the light. Trenching



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**Key Personnel Certifications**PE, LEED AP, PMP, CFM, QSD/  
QSP

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Disabled Veteran Owned Small  
Business Corporation.

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operations across the existing parking lot occurred concurrently allowing the project to be completed in only 11 working days. This prompt construction completion allowed the light to be permanently powered prior to the opening of the 2011 crab season which typically attracts dozens of additional vessels to this very narrow channel. The directional light is visible from well off shore and displays a red sector of light towards mariners if they come too close to the entrance jetties. Thus, it is critical for the safe navigation of the channel and Sustainable Group's efforts to expedite completion of the project was recognized and appreciated by the local Coast Guard Command and the local fishing community.

**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 22 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](mailto:info@sustainable-group.com).

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