

# U.S. Coast Guard Lighthouse Point Arena, CA

JP-8 fuel spill response.

## Project Overview

Sustainable Group key personnel performed on-site construction services to respond to a JP-8 fuel spill at the U.S. Coast Guard helicopter pad adjacent to the Pt. Arena Lighthouse.

## Reference

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## Project Description

The Point Arena Lighthouse Area is located on the Pacific Coast of California approximately 130 miles North of San Francisco. The Lighthouse Facility consists of the Lighthouse (originally constructed in 1870 and reconstructed in 1908 after a devastating earthquake), several outbuildings, six housing quarters available for rent, a helicopter pad with adjacent storage building, and a 4,000 gallon above ground storage tank. According to the Government provided scope of work for this project, it was reported that 40 -50 gallons of JP-8 jet fuel were released from a damaged gasket on top of the tank. The fuel appears to have flowed down the tank on multiple sides, including into a small area between the tank and the adjacent storage building. This project required the excavation of the impacted material followed by clearance testing by a Mendocino County representative who was on site with a Photo Ionization Detector (PID) corrected to JP-8 Fuel. Lab samples were also taken from the excavation side walls, end walls and bottoms as well as from the removed material that was placed in covered and lined bins. Lab results for these samples ranged from non-detect to a value of 410 ug/kg or 0.410 ppm for Naphthalene taken from 1' below grade beneath the above ground storage tank pad. These levels are still well below any reportable quantity and thus, the response objectives were met with no further action required. The excavated area was then filled with Controlled Density Fill (CDF) and covered with native top soil to encourage native vegetation growth.



Pre-response site conditions



County PID testing of excavated soil

**Key Personnel Certifications**  
PE, LEED AP, PMP, CFM

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



Placing of soil in lined bins



Restored area

Sustainable Group key personnel self-performed all elements of work as well as on-site construction management, field superintendence, safety oversight, and Quality Control/Quality Assurance (QA/QC) services throughout the duration of this project that was completed in three days without any safety or quality control incidents of any kind.

**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 Veterans Affairs, Department of Defense, Department of Energy, 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).