

# U.S. Coast Guard Air Station San Francisco

Repair aviation fuel system.

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## Project Overview

Sustainable Group key personnel performed on-site construction services during the repair of the Air Station San Francisco Fuel System.

## Reference

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## Project Description

This project replaced and updated many components of the aviation fuel system at Air Station San Francisco that had reached the end of their useful service lives. Specific elements of work included the replacement of fuel transfer pump #1, replacement of two manual butterfly valves with automated vales, replacement of the leaking flex-bellow coupling and butterfly valve at the Tank #4 inlet piping, replacement of the malfunctioning ultrasonic level sensor at Tank #4, replacement of all indicator lamps, and the design/build of a new integrated system for continuous monitoring of volume/mass flowrates entering and leaving the buried aviation fuel piping at the fuel farm and the remote refueling stations. Sustainable Group personnel self-performed many of the construction activities involved in this extensive project to include all piping/valve improvements, and installation of the flow meters. On-site construction management, safety oversight, and Quality Control/Quality Assurance (QA/QC) services were also self-performed. In addition, this project was successfully completed at a very active Air Station with near continuous helicopter take offs and landings without any safety incidents of any kind.



New flex bellow coupling with valve



Integrated flow rate/leak detection system

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### Key Personnel Certifications

PE, LEED AP, PMP, CFM

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

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Non-intrusive flow rate monitor



Automated valve actuator

### 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).

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