

Schofield Barracks, Medical Clinics Renewal



Owner: U.S. Army

Client: John J. Kirlin, Inc.

Location: Schofield Barracks, Oahu, Hawaii

Services Provided: Consulting, Environmental Investigation, Remediation, Industrial Hygiene

Status: Completed in 2008

Project Summary:

AMI Environmental served as the team environmental prime contractor for the renewal of 12 medical clinic buildings at the Schofield Army Barracks in Oahu, Hawaii. Each 20,000-square-foot building was surveyed for the presence of asbestos, lead-based paint and other hazardous materials as part of the renewal effort, prior to gutting the structures completely to facilitate renewal.

AMI's efforts centered on the identification, work plan development, and removal of asbestos, lead and other hazardous materials in conjunction with the interior demolition throughout each of these facilities.

Inspection, Testing, Analysis & Hazardous Materials Assessment

The primary purpose and scope of the site investigation was to identify and quantify the presence of hazardous materials within the facility, which could be disturbed as a result of the renewal project.

The inspection of the facility and equipment consisted of four activities: a review of all facility survey reports available at the time of the investigation; interviews with facility personnel; visual inspections; and bulk and/or x-ray fluorescence (XRF) sampling for laboratory analysis.

Abatement Design & Remediation

AMI developed a work plan to establish a set of general operating standards to ensure full compliance with all applicable federal, state, and local rules and regulations during removal, demolition and disposal of hazardous materials.

Overall remediation efforts included the removal and disposal of asbestos-containing materials; building components containing lead-based paint and lead-containing materials; PCB-containing light ballasts; mercury-containing light tubes; freon; low-level radiation smoke detectors; batteries; and x-ray developing chemicals and components.

Work also involved the demolition and disposal of interior walls, ceilings, flooring, casework, doors, plumbing, and electrical and mechanical systems.

Compliance Monitoring & Construction Management

AMI Environmental was responsible for compliance monitoring during the abatement and remediation of asbestos, lead-based paint and other hazardous materials located on the site. A subcontractor performed abatement and demolition activities. AMI also provided various construction management services during renovation.