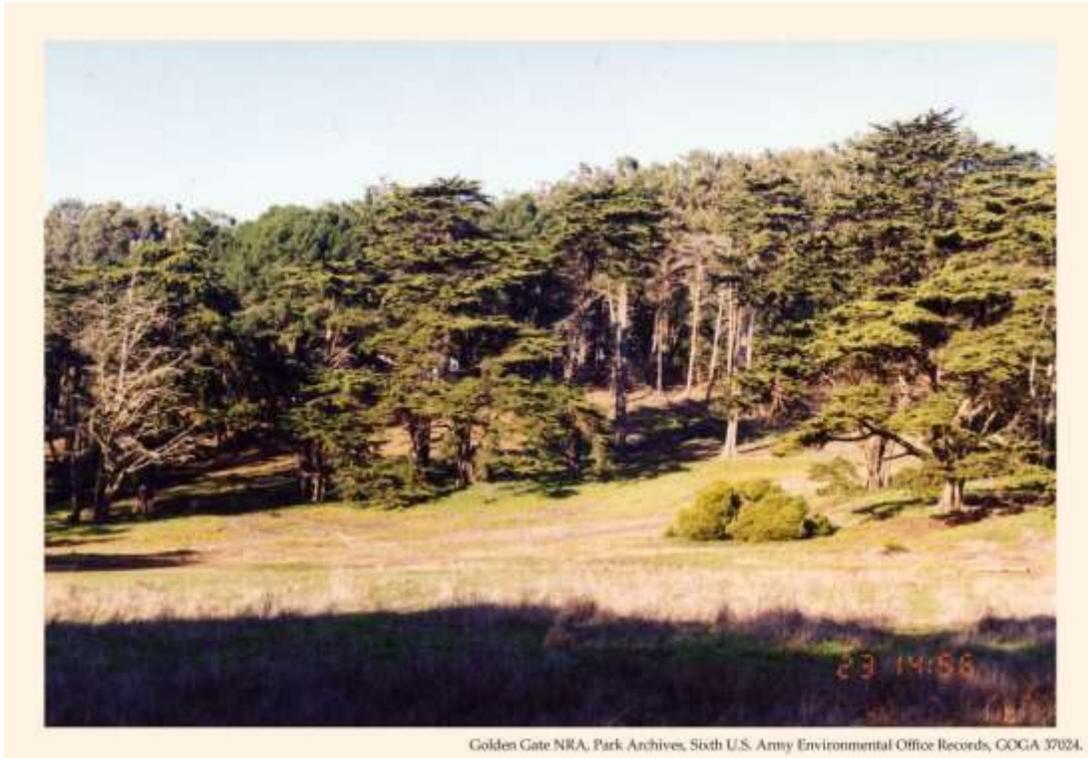




Sixth U.S. Army Environmental Office Records, 1915-1994

GOGA 37024



Golden Gate National Recreation Area
ATTN: Park Archives and Records Center
Building 201, Fort Mason
San Francisco, CA 94123
[Mailing Address]

Park Archives and Records Center
Presidio of San Francisco
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San Francisco, CA 94129
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Introduction

Golden Gate National Recreation Area

Park Description

Golden Gate National Recreation Area (GGNRA), a unit of the National Park Service, was established by an Act of Congress on October 27, 1972. The 80,000-acre park encompasses a great diversity of cultural and natural resources in and around the Bay Area of San Francisco, California. It includes Muir Woods National Monument and Fort Point National Historic Site.

The park holds almost five million three-dimensional and documentary artifacts dating from the time before European contact to the present. They are preserved and maintained for the public by the Division of Cultural Resources and Museum Management, which includes the Park Archives and Records Center (PARC).

Park Archives and Records Center

Historical Note

GGNRA and the sites within it have been collecting records since their inception. The PARC was established in 1994 to receive records and archival collections from the U.S. Army and the Presidio Army Museum after the closure of the Presidio of San Francisco as an Army base. The collections continue to grow through the donation of materials by private individuals, transfer of inactive park records by staff, and acquisition of relevant documentary materials.

Scope of Collections

The archival collections in the custody of the GGNRA document the history and activity of the various sites and groups associated with the park, described in the park's Scope of Collection Statement (2009).

The PARC contains U.S. Army and National Park Service facility records for the Presidio of San Francisco, forts and coast defense sites in the area, and various GGNRA sites. Subjects and sites documented include the United States Army (Bear Flag Revolt, Civil War, Spanish-American War, Mexican War, World War I, Army Air Service, Coast Artillery, Army medical facilities and issues, World War II, Army support during natural disasters, Viet Nam War, and Operation Desert Storm); Alcatraz Island (Army fortress, Army Disciplinary Barracks, U.S. Penitentiary, and Indian Occupation); the natural resources conservation movement resulting in the establishment of Muir Woods National Monument; agriculture in the Marin Headlands; Point Reyes Peninsula and Bolinas Lagoon areas; U.S. Lifesaving/Coast Guard Services; San Francisco Earthquake and Fire of 1906; Panama Pacific International Exposition of 1915; natural resources and environmental issues; and preservation of open space in the Bay Area. Also included in the PARC are many of the GGNRA administrative records that document the development and expansion of this park.

Visiting the PARC for Research

The PARC is located in an historic brick building, formerly a cavalry stable, on the Presidio of San Francisco. Collections and archives support services are available for walk-in research during open hours or by appointment. Please contact the PARC (see below) for the current schedule of reference hours.

Copy Services

Black and white photocopy services for standard and oversize materials are available on-site. Color photocopying, photographic duplication, and duplication of other media are available by special arrangement. Researchers are charged for all duplicates on a cost-recovery basis.

Rights and Publications

Copies are provided under the Fair Use provisions of the Copyright Law (Title 17, U.S.C.). Researchers must complete a Permission to Publish Contract form with the Park Archivist for any other intended use of these materials (such as publication or exhibit). Researchers should consult with staff regarding their needs for commercial or public use of materials.

Legal Status of Holdings

Many holdings of the PARC were acquired/transferred prior to the establishment of the archives program, and have little documentation on their provenance (source/chain of custody). All materials received after 1994 have been accessioned and documented. If provenance cannot be determined, the PARC assumes that it owns the property rights, but does not own the copyright. Staff will provide assistance, but it is the responsibility of the researcher to acquire permission from the copyright holder to cite, quote, or reproduce collection materials.

Collections developed by or for government organizations or operations are in the public domain and may be used, cited, and quoted without restriction, provided they are properly credited to the PARC. The archives contain no national security classified materials.

Donations to the Collections

The PARC welcomes donations of a variety of historic materials that meet the criteria in the Scope of Collections Statement and do not duplicate existing holdings. Collections are maintained for research use in perpetuity; there is no guarantee that items will be exhibited. If you own materials that may be relevant to the themes of GGNRA and would like to deposit them in the PARC, please consult with an archivist.

How to Use This Finding Aid

This document contains information on the contents and significance of an archival collection. It includes descriptive information; repository information; collection history; biographical or historical information on creators of the collection; and a container or folder list of everything in

the collection. After reviewing the finding aid, please discuss your specific needs with the archivist who will locate and retrieve the relevant materials.

How to Use the Collections

Please follow all rules and regulations regarding research, the use of the research facility, and the handling of collection materials. This will protect the collections so they continue to be available for generations to come. If anything appears to be out of order or damaged, please notify a staff member.

Contacts

For additional information on the use of archival collections at GGNRA, please contact the Park Archives and Records Center:

Mailing Address:

National Park Service
Golden Gate National Recreation Area
Attn: Park Archives and Records Center
Fort Mason, Bldg. 201
San Francisco, CA 94123

Physical Address:

Park Archives and Records Center
Presidio of San Francisco
Building 667 McDowell Avenue
San Francisco, CA 94129
Phone: (415) 561-2807
Fax: (415) 441-1618

Sixth U.S. Army Environmental Office Records

Scope and Content

Title

Sixth U.S. Army Environmental Office Records

Dates

Inclusive: 1915-1994
Bulk: c. 1970-1994

Collection Number

Catalog number GOGA 37024 (Accession number GOGA-2347)

Creator

The materials in this collection were created by the Sixth U.S. Army Environmental Office housed in Building 283 of the Presidio of San Francisco.

Volume

29.7 linear feet:
28 Records Boxes – 28 LF
2 Oversize 16x20 Flat Boxes – 0.6 LF
1 Oversize 20x24 Flat Box – 0.3 LF
7 Map Folders – 0.7 LF
1 Mega-Map Folder – 0.1 LF

Provenance

On 2 September 1994, the National Park Service requested the release of certain records held in the custody of the U.S. Army, Directorate of Public Works. These records, with some exceptions, were released and transferred to the National Park Service in accordance with the terms of cooperative agreements, and partially consisted of the materials in this collection. These materials were transferred to the Park Archives and Records Center in October of 1994 as five U.S. Army Directorate of Public Works Environmental Office (ADPWEE) groups, the first three of which consisted of Hazardous Material Management files generated by the Environmental Office from 1968 through 1994; and the last two of which included materials relative to various environmental issues managed by the Sixth U.S. Army, also generated by the Environmental Office.

Scope and Content Note

The Sixth U.S. Army Environmental Office Records document the progression of environmental awareness within the U.S. Army, specifically at the Presidio of San Francisco and its sub-installations, and the implementation of increasingly strict standards for environmental quality in tandem with national trends. Orchestrated by the Environmental Office, the Sixth U.S. Army undertook the containment and mitigation

of various types of pollution stemming from toxic materials utilized and expended during post operations that effected occupational health, as well as air, soil and water quality. Integral to these efforts were surveys and consultations conducted by the U.S. Army Environmental Hygiene Agency which identified problems on post in need of correction and ranked them by priority. Mitigation of environmental damage caused prior to the late 1960s and early 1970s translated into a focus on identifying environmental impacts prior to construction or demolition, and a large portion of this collection includes project statements and correlating environmental assessments; this process is further documented in materials which pertain to the Richmond Transport Project and Base Realignment and Closure of the Presidio of San Francisco in the early 1990s.

Organization and Arrangement

The Sixth U.S. Army Environmental Office Records are organized into thirteen series:

Series I includes all Administrative Files, and is arranged into seven subseries:

(A) General Post Information and Environmental References; (B) Correspondence, Messages and Meetings; (C) Environmental Conferences, Training and Events; (D) Environmental Briefs, Newsletters, and Regulations; (E) Computer Program Manuals; (F) Environmental Programs; and (G) Administrative Record of Environmental Issues.

Series II focuses on Occupational Safety and Health, and is arranged into five subseries: (A) Occupational Safety and Health Surveys; (B) Radioactive Material; (C) Smoking Cessation; (D) Indoor Firing and Rifle Ranges; and (E) Environmental Noise.

Series III is dedicated to Hazardous Materials and Waste Management, and is arranged into five subseries: (A) Regulations, Reference Books, Guidelines and Manuals; (B) Hazardous Materials and Waste Management Program; (C) Inspection, Removal and Storage or Disposal of Waste; (D) Polychlorinated Biphenyls (PCBs); and (E) Solid Waste.

Series IV pertains to Asbestos and Lead Abatement, and is arranged into three subseries: (A) Guidelines and Reference Materials; (B) Abatement Operations; and (C) Public Health Service Hospital and the City of San Francisco.

Series V documents Air Quality Management, and is arranged into four subseries: (A) Regulations and Handbooks; (B) Consultations and Surveys; (C) Bay Area Air Quality Management District (BAAQD) Permits; and (D) Air Pollution Emissions

Series VI details Energy Conservation, and is arranged into three subseries: (A) Federal Registers, Regulations, and Manuals; (B) Energy Conservation Management Plans and Programs; and (C) Surveys, Audits and Evaluations.

Series VII is comprised of Utilities information, and is arranged into five subseries:

(A) Gas, Electric and Steam (Boilers); (B) Water; (C) General and Mixed; (D) Contracts and Invoices; and (E) Studies, Surveys, Plans and Regulations.

Series VIII concentrates on Water Quality Management, and is arranged into nine subseries: (A) Regulations, Standards, Guides, and Manuals; (B) Surveys, Consultations and Studies; (C) Water Distribution; (D) Water Supply; (E) Inspections, Violations and Compliance Orders; (F) Conservation; (G) Water Quality Programs and Projects; (H) Water Treatment Plant; and (I) Sewage, Waste and Storm Water Management.

Series IX documents the Richmond Transport Project, and is arranged into three subseries: (A) Correspondence and References; (B) Project Agreements, Meetings and Documents; and (C) Environmental Impact Monitoring.

Series X includes Project Statements and Environmental Impact Assessments, and is arranged into two subseries: (A) Manuals and Instructional Materials and (B) Projects and Environmental Assessments.

Series XI documents Land Management, and is arranged into four subseries: (A) Maps and Plans; (B) Regulations and Manuals; (C) Land Use and Site Information; and (D) Historic Preservation.

Series XII focuses on Natural Resources and Pest Management, and is arranged into four subseries: (A) Regulations, Manuals and Guides; (B) Resource Management; (C) Pest Management; and (D) Pesticides.

Series XIII is dedicated to Presidio of San Francisco Base Realignment and Closure, and is arranged into five subseries: (A) Base Closure Administration; (B) Public Hearings, Committees and Boards; (C) Interagency Agreements; (D) Environmental Impact Statements; and (E) Remedial Investigations and Site Cleanup.

Significance

The Sixth U.S. Army Environmental Office Records provide an invaluable record of environmental remediation to be referenced as land use and building occupancy within the Golden Gate National Recreation Area continues to evolve. Knowing what buildings contained asbestos and lead paint, what areas were contaminated, and what efforts were undertaken to fix these issues and others of their ilk inform future planning at the Presidio of San Francisco and other locations in the park. Surveys and studies of existing water systems and other infrastructure document the footprint of areas that have changed dramatically since the U.S. Army occupied the land, and now serve as historical reference points. In addition, materials within this collection shed light on a period of transition following Base Realignment and Closure as sections of U.S. Army land were slowly leased and then transferred to the National Park Service or the City of San Francisco, and as such provide valuable insight into how the three entities

cooperated with one another throughout integral projects during this transfer. Finally, in terms of greater import, the progression of Sixth U.S. Army compliance with evolving environmental regulations epitomizes the path of the American Environmental Movement and its particular impact in the San Francisco Bay Area, and also speaks to U.S. Army awareness of and sensitivity to the values of its neighboring community.

Related Collections and Sources

Please note that this list is not comprehensive. It is intended as an aid to researchers. For more complete information, contact the reference archivist.

GOGA-2347	Presidio of San Francisco Infrastructure Plans
GOGA-2347	Presidio of San Francisco Building Plans
GOGA-2347	Army Engineering Plans for Forts Baker, Barry, Cronkhite, Funston, and Miley
GOGA 5333	Army Standard Building Plans
GOGA 6674	Angel Island: United States Army Maps, Aerial Photos and Drawings, c. 1864-1976
GOGA 18195	Letterman General Hospital Building Plans Collection
GOGA 35159	Presidio of San Francisco Historical Real Estate Records
GOGA 35300	Presidio Department of Engineering Building Plans
GOGA 35336	U.S. Public Health Service Hospital/Marine Hospital Archives.
GOGA 35337	Fort Mason Collection, 1870-1994
GOGA 35338	The Army Real Estate Records Collection
GOGA 35344	Nike Ajax and Hercules Plans and Records Collection
GOGA 37252	United States Army Project Records

Condition

Overall, the condition of the collection is good. As materials were utilized within working files, some documents are soiled and worn. Also, some documents feature hole-punches from prior filing in multi-tabbed folders, and residual rust marks are present on some materials resultant of staples or binder clips that have been removed. In addition, materials were originally stored in overstuffed, multi-tabbed folders which caused distortion to some documents—particularly the more fragile, onion-skin papers.

Oversized materials were originally stored folded in the files, and therefore feature rips and tearing along crease lines in some cases.

Index

- Environmental Compliance Assessment System (U.S.)
- Environmental compliance auditing
- Environmental compliance costs
- Environmental conditions--Periodicals.
- Environmental conditions--Pictorial works.
- Environmental contaminants
- Environmental damages, Liability for

Environmental documentation
 Environmental education.
 Environmental effects on human beings
 Environmental fact sheet
 Environmental impact statements--California--San Francisco Bay Area.
 Environmental management--California--San Francisco Bay Area.
 Environmental management--Evaluation--Computer programs.
 Environmental management Government policy
 Environmental management guidelines
 Environmental management--Handbooks, manuals, etc.
 Environmental movement
 Fort Baker (Calif.)
 Fort Baker (Calif.)--Buildings, structures, etc.
 Fort Baker (Calif.)--History.
 Fort Barry (Calif.)
 Fort Barry Military Reservation (Calif.)
 Fort Cronkhite (Calif.)
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 Public Health Service Hospital – Building Plans
 Presidio of San Francisco (San Francisco, Calif.)
 Presidio of San Francisco (San Francisco, Calif.)--History.
 Presidio of San Francisco (San Francisco, Calif.)--Planning.
 San Francisco (Calif.)
 San Francisco Bay Area (Calif.)--History, Military
 United States. Army.
 United States. Army—Barracks and quarters
 United States. Army—Facilities
 United States. Army—Military construction operations

Formats

Accident reports
Administrative record
Agreement
Annual report
Audit reports
Bills (invoices)
Briefs
Brochure
Consultation
Contract
Correspondence
Damage reports
Directory
Electrical Drawings
Feasibility study
Guides (guidebooks)
Historic structure reports
Leases
Legislation
Maps
Memorandums
Newsletters
Newspaper clippings
Official reports
Photographs
Photocopies
Plan (map)
Plan (report)
Progress reports
Quarterly report
Surveys (inventories)

Preferred Citation

“Golden Gate NRA, Park Archives, Sixth U.S. Army Environmental Office Records,
GOGA 37024”

Processing Information

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History

The Army at the Presidio of San Francisco

The U.S. Army was stationed at the Presidio of San Francisco from 1846-1994, the last Army headquarters being the Sixth U.S. Army. The Presidio of San Francisco military reservation at the Golden Gate developed into the most important Army post on the Pacific Coast. Over time its armaments evolved from smooth bore cannons to modern missiles. It became the nerve center of a coastal defense system that eventually included Alcatraz and Angel Island and that reached as far north as the Marin Headlands and as far south as Fort Funston. These lands were all incorporated into the Golden Gate National Recreation Area. Eventually, there were five distinct posts at the Presidio, each with its own commander: the Main Post, Fort Point, Letterman Hospital, Fort Winfield Scott, and Crissy Army Air Field. Also on the 1,491-acre reservation were a Coast Guard lifesaving station and a U.S. Public Health Service Hospital. The Presidio of San Francisco's sub-installations included Forts Baker, Barry, Cronkhite, Funston, Mason, and Miley, as well as various U.S. Army Reserve Centers throughout the San Francisco Bay Area.¹

In 1972, the Presidio of San Francisco, then an active installation, was included within the boundaries of the Golden Gate National Recreation Area. In 1989, the Presidio of San Francisco was selected to close as part of the Base Realignment and Closure Act that was designed to close excess military bases. On October 1, 1994, after the post became excess to military needs, it was transferred to the National Park Service.²

The American Environmental Movement

Although the American Environmental Movement is multilayered, the discourse most pertinent to Sixth U.S. Army efforts is that which surrounds Reform Environmentalism. Reform Environmentalism traces its roots to the Sanitary Movement, which emerged out of the Civil War and sought to address health problems tied to poor sanitation and steadily worsening air pollution that plagued residents of urban areas. Soon, civic organizations were formed to protest these issues in the 1890s, and the call for improved living conditions was heightened by labor unions in the 1900s as industrial factories increased pollution at the expense of the health of their workers. For the first time, this movement linked “human health and survival to environmental conditions...Hence, human health [was] vulnerable to disturbances in the ecosystem. This animate[d] action to identify and eliminate the physical causes of environmental degradation.”³

With health in mind, activist-authors such as Ralph Waldo Emerson and John Muir publicly lauded a return to nature and the importance of its preservation. After the creation of Yosemite National Park in 1890, Muir partnered with Robert Underwood Johnson to create the Sierra Club—a pioneer environmental action group dedicated to

¹ Golden Gate National Recreation Area website. “U.S. Military Period, 1846-1994.” Accessed 8/15/2012, <<http://www.nps.gov/prsf/historyculture/us-military-period.htm>>.

² Golden Gate National Recreation Area website. “U.S. Military Period, 1846-1994.” Accessed 8/15/2012, <<http://www.nps.gov/prsf/historyculture/us-military-period.htm>>.

³ Brulle, Robert J. “The U.S. Environmental Movement: Abstract” (Drexell University, n.d.) 37024fa Sixth U.S. Army Environmental Office Records

preservation. Then, in 1905, President Theodore Roosevelt created the U.S. Forest Service and appointed the French-educated Gifford Pinchot, an advocate of conservation, as Chief Forester. Following the publication of “A Sandy County Almanac” by Aldo Leopold in 1948, the burgeoning environmental movement was given a third discourse that focused on ecological concern and addressed nature scientifically. The fourth trope of the movement was added by Rachel Carson with the publication of “Silent Spring” in 1962, which brought awareness to environmental havoc wrought by pesticides; her work compelled the administration of President John F. Kennedy to study the issue and, later, led to a ban on DDT in 1972.

Reform Environmentalism took hold in America during the 1960s and 1970s, and partnered well with the Back-to-the-Land movement—influenced by Native American culture and centered on subsisting solely from nature—and other counterculture movements that drew their teachings from eastern religions that emphasized the sacredness of nature. Legislation fortified philosophy with the Clean Air Acts of 1963, 1966 and 1970; the Wilderness Act of 1964; the Water Quality Act of 1965; the Endangered Species and Preservation Acts of 1966; the National Environmental Protection Act (NEPA), which required federal entities to conduct Environmental Impact Statements (EIS), and the Conservation Act of 1969; and the Endangered Species Act (ESA) of 1974, which defined required cooperation between Federal and state governments. Then, the establishment of the Environmental Protection Agency (EPA) by President Richard Nixon simplified the administration of environmental regulations strengthened by the previously mentioned congressional acts. This legislation fostered greater public awareness, and propelled the environmental movement.

However, the failure of Reform Environmentalism to effect what many considered to



be substantive change caused universal disappointment. This disillusionment resulted in a radicalization of the movement from the mid-1970s into the 1980s that built upon Reform Environmentalism with the Deep Ecology Movement, based on the writings of Arne Naess—a Norwegian philosopher and mountaineer. Concurrently, the Environmental Justice Movement believed environmental problems were intrinsic creations of the human social order, and that the solution was to be found by uplifting local communities out of poverty. This focus on community

empowerment combined with the Deep Ecology goal of environmental restoration, as opposed to conservation, and formed a united focus on holding the federal government and corporations accountable for environmental degradation through grass roots activism and the law. The first tangible success of these movements was realized in

1975 when a petition to protect the snail darter stopped the construction of a dam on the Little Tennessee River.

In the late 1980s, the discussion shifted to issues of environmental pollution and toxicity, and its effects on human health. Under this umbrella, groups lobbied to identify, remove and dispose of toxic materials found in public and private buildings, and to strengthen federal regulations to ensure the proper disposal of industrial and medical wastes. This concern found traction among religious communities in the early 1990s, and soon Ecospiritualism brought the strength of religiosity to the environmental movement as church congregants were lectured on the importance of environmental action and the dangers of degradation. Furthermore, increased globalization that sparked a greater demand on natural resources in the 1990s deepened concern for the environment as third world economies began to industrialize.

Sources

“History of the Environmental Movement” by Jeremiah Hall
(<http://www.mtmultipleuse.org/Endangered/esahistory.htm>, Accessed 8/2012)

“The U.S. Environmental Movement” by Dr. Robert J. Brulle
(<http://www.pages.drexel.edu/~brullerj/Twenty%20Lessons%20in%20Environmental%20Sociology-Brulle.pdf>, Accessed 8/2012)

“The American Environmental Movement: Surviving Through Diversity” by Stacy J. Silveira (http://www.bc.edu/bc_org/avp/law/lwsch/journals/bcealr/28_2-3/07_TXT.htm, Accessed 8/2012)

Series Description

The Sixth U.S. Army Environmental Office Records are organized into thirteen series and arranged into fifty-nine subseries.

Series I: Administrative Files, 1970s-1990s

Volume: 3 LF

Arrangement: The series is arranged by format, topically and chronologically.

Formats: Correspondence
Manual (instructional materials)
Newspaper clippings
Records

Condition: Good

Description: This series comprised of Administrative Files generated by the Environmental Office from the 1970s through the early 1990s, and includes general reference materials regarding post operations and environmental programs, as well as

correspondence, computer manuals, environmental regulations and an Administrative Record of ongoing environmental issues.

Subseries A: General Post Information and Environmental References include histories of the Presidio and its operations; staff directories and general information relative to the mechanics of U.S. Army operations outside of environmental issues; and newspaper clippings which document environmental issues that were gaining traction in the neighboring community and the nation at large that effected Sixth U.S. Army operations.

Subseries B: Correspondence, Messages and Meetings document Sixth U.S. Army response to environmental topics, show a stepped approach to policy creation and mitigation efforts, and include the statutes which prompted these activities. Meeting minutes elucidate Bay Area cooperative environmental efforts, while correspondence and messages address environmental work relative to hazardous material and waste management; asbestos and lead abatement; air and water quality management; energy conservation; and pest management that are explained further in series to follow.

Subseries C: Environmental Conferences, Training and Events elucidates the evolution of environmental awareness within the U.S. Army through training programs, such as Project Ditto, and educational pamphlets intended to foster environmental sensitivity on post; events hosted by personnel from the Presidio of San Francisco Environmental Office, such as the Sixth U.S. Army Environmental Conference hosted at the Stardust Hotel in Las Vegas and the Presidio Environmental Day; and awards programs which encouraged environmentally friendly practices in land management and construction.

Subseries D: Environmental Briefs, Newsletters, Regulations, Etc. are general reference materials that inform policy creation regarding hazardous material and waste management; asbestos and lead abatement; air and water quality management; energy conservation; and pest management that are explained further in series to follow.

Subseries E: Computer Program Manuals outline categories of environmental management, and provide definitions of standard terms and acronyms used by the U.S. Army. In addition, these guides showcase the progression from response to forecasting, as the U.S. Army began to develop theories and utilize computer programs to forecast economic and environmental impacts.

Subseries F: Environmental Programs implemented by the U.S. Army matured in tandem with national trends. U.S. Army Forces Command (FORSCOM) began an Environmental Audit Program, which ensured individual commands were in compliance with emerging environmental responsibilities through

Annual General Inspections. Included in this series are results from these inspections, as well as program overviews of and results from the Army Environmental Compliance (AEC) Program and correlated laboratory services; the Environmental Pollution Prevention, Control and Abatement Program; and the Defense Environmental Restoration Program. Materials related to asbestos and lead abatement, air and water quality management, hazardous material and waste management, and environmental assessments included in the series to follow are the progeny of these programs.

Subseries G: An Administrative Record of Environmental Issues documents problems at the Presidio of San Francisco, Fort Baker, Fort Barry, Fort Cronkhite and Camp Parks relative to subjects addressed at length in subsequent series that pertain to hazardous material and waste management; asbestos and lead abatement; air and water quality management; energy conservation; and pest management that are explained further in series to follow.

Series II: Occupational Safety and Health, 1970s-1990s

Volume: .5 LF
Arrangement: This series is arranged topically.
Formats: Manual (instructional material)
Memorandums
Newspaper clippings
Official reports
Photocopy
Regulations, administrative
Survey (document)
Condition: Good

Description: This series documents Occupational Safety and Health operations, which assessed U.S. Army working environments at Letterman Army Medical Center and indoor firing ranges at Fort Baker and Fort Barry prone to pollution and safety violations, and prescribed remedies for hazardous conditions created by cigarette smoke, lead or radiation exposure, and environmental noise.

Subseries A: Occupational Safety and Health Surveys conducted by the U.S. Army Environmental Hygiene Agency (USAEHA) pertain to industrial hygiene in the work place. Reports address the use of pesticides and noise pollution, and identify problems on post with directions on how to correct them. Included here is a record of The Directorate of Facilities Engineering (DFAE) Safety Committee activity, which conducted safety inspections at the Presidio of San Francisco in tandem with National Advisory Committee on Occupational Safety and Health (NACOSH) priorities addressing lead exposure, sanitary defects, and the inhalation of toxic fumes.

Subseries B: Radioactive Materials, specifically those used for medical purposes at LAMC, LAIR and in U.S. Army dental activities, were also surveyed by the U.S. Army Environmental Hygiene Agency and monitored. Here, the USAEHA outlines protocol for radiation protection. Also included is an LAMC request to use radioactive materials.

Subseries C: Smoking Cessation policies implemented as occupational health awareness increased are outlined here, as are Sixth U.S. Army plans for smoking and non-smoking areas. Also included is an account of harassment on post following a request for a smoke-free workplace, and the Army regulation on Smoking in DA Occupied Buildings and Facilities (1977) which validated the request.

Subseries D: Indoor Firing and Rifle Ranges includes an evaluation of U.S. Army indoor firing ranges, as well as the outdoor Rifle Range at Fort Barry. Also included are use agreements for the ranges.

Subseries E: Environmental Noise and the role of the Federal Government in the abatement of noise pollution are outlined in manuals and federal registers. Specifically addressed is noise pollution emitted by construction activities; blast noise from pistol ranges and Battery Howe-Wagner at the Presidio of San Francisco; and vibration effects on surrounding communities and individuals in close proximity.

Series III: Hazardous Materials and Waste Management, 1970s-1990s

Volume: 4 LF
Arrangement: This series is arranged by format, and topically.
Formats: Books
Handbook
Manual (instructional materials)
Memorandums
Official reports
Plan (report)
Survey
Condition: Good

Description: The management of hazardous materials and waste at the Presidio of San Francisco is, in many ways, the lynchpin of environmental efforts on post since hazardous products and producers directly effected air and water quality, and prompted abatement efforts, environmental assessments and site remediation. This series includes Hazardous Material and Waste Management records, and document the inventory, assessment, removal, and disposal or storage of hazardous chemicals by the Sixth U.S.

Army at the Presidio of San Francisco and its subposts. Also included is programming documentation, and materials which record the establishment of a Spill Response Team.

Subseries A: Regulations, Reference Books, Guidelines and Manuals provide instruction on the inventory and identification; handling; removal, transportation and disposal of hazardous materials and waste. Regulations from the Environmental Protection Agency (EPA) drove post policies and are included here, as are U.S. Army manuals and California Department of Health Services guidelines.

Subseries B: Hazardous Materials and Waste Management Program materials document a multifaceted approach to site cleanup and the management of ongoing post activities. General program information begins with compliance under the Resource Conservation and Recovery Act and the compilation of Presidio Hazardous Waste Management regulations that guided post environmental activities. These instructional documents are bolstered by the Hazardous Waste Minimization Plan, which outlines U.S. Army efforts to generate less waste, and the Preventative Medicine Support Agreement between the Sixth U.S. Army and Letterman Army Medical Center in which LAMC agreed to analyze samples taken from polluted sites during remediation and implemented an Installation Spill Contingency Plan to respond to emergencies. Also included are Material Data Sheets, which feature profiles of individual chemicals held on post.

Subseries C: Inspection, Removal and Storage or Disposal of Waste operations are documented in this series through surveys and consultations, as well as the reports and violation notices they spawned. In response to those findings, permits, contracts and work orders for remediation activities were issued and a systematic process of site inspections, inventories of chemical wastes and hazardous materials was implemented. The subsequent removal and storage or disposal of waste is documented here through hazardous waste manifests, as well as removal and delivery orders. Particular sections in this series are dedicated to the study of corrosion and the removal of underground fuel storage tanks.

Subseries D: Polychlorinated Biphenyls (PCBs) includes all materials relative to the assessment and disposition of transformers on post that were contaminated with the chemical Polychlorinated Biphenyls, or PCBs. Mitigation efforts are documented through studies, inventories, work contracts, laboratory results, reports, and disposal records.

Subseries E: Solid Waste management on post focused largely on the creation, use and remediation of sanitary landfills, and this series includes guidance materials the management of these sites, as well as clippings, correspondence

and memorandums relative to programs on post and the response of the neighboring community to these activities.

Series IV: Asbestos and Lead Abatement, 1970s-1990s

Volume: .5 LF
Arrangement: This series is arranged by format, and topically.
Formats: Correspondence
Inventory
Plans
Survey
Condition: Good

Description: With the preponderance of lead and asbestos in buildings on post, U.S. Army abatement activities focused on these two materials—particularly in residential units, where occupants requested the inspection and removal of both as awareness spread. This series pertains to Asbestos and Lead Abatement in structures on post through inventories, reports and disposal, and also documents cooperation with the City of San Francisco to remove asbestos from Building 1808 of the Public Health Service Hospital, where the San Francisco Public Library stored surplus stock in the early 1990s.

Subseries A: Guidelines and Reference Materials include information packets which document lead poisoning, prevention and lead-based paint management, as well as standards and product literature regarding methods and tools used in asbestos abatement. In addition, newspaper clippings detail the growing awareness of asbestos and lead contamination in buildings in the neighboring community.

Subseries B: Abatement Operations on post centered on surveys which inventoried the presence of lead or asbestos in buildings and then ranked removal priority by building; subsequent removal of these materials is documented in reports included here.

Subseries C: Public Health Service Hospital asbestos abatement in Building 1808 was conducted in conjunction with the City and County of San Francisco, which used the building as offsite storage for surplus books from the San Francisco Public Library. Included here is correspondence from the City Program Manager, as well as work orders and site plans for abatement.

Series V: Air Quality Management, 1960s-1990s

Volume: .75 LF
Arrangement: This series is arranged by format, and topically.

Formats: Correspondence
Handbook
Memorandum
Permit
Condition: Good

Description: Following Bay Area Air Quality Management District (BAAQD) requirements, the Sixth U.S. Army worked to limit the emission of pollutants in order to acquire operation permits. This series consists of materials, the bulk of which document compliance with BAAQD permit requirements and the reduction of polluting emissions from a Letterman Army Medical Center incinerator in the 1970s.

Subseries A: Regulations and Handbooks stipulate national Clean Air requirements, U.S. Army guidelines, and local Bay Area BAAQD rules and regulations.

Subseries B: Consultations and Surveys conducted by the U.S. Army Environmental Hygiene Agency document air pollution at the Presidio of San Francisco. These were complimented by Presidio Air Pollution Status and Evaluation Surveys of locations on post.

Subseries C: Bay Area Air Quality Management District Permits include notices of noncompliance with permit regulations, correspondence regarding permit fees as well as the actual permits to operate.

Subseries D: Air Pollution Emissions were mitigated as part of the Department of the Army Air Emissions Inventory Program, and this series includes detailed information on violations from Letterman Army Medical Center incinerators, as well as violations at POL Station Building 637, from the paper pulverizer in Building 669, and with Service Station Vapor Recovery Systems at the Presidio of San Francisco. In response, the Sixth U.S. Army concentrated its efforts on reduction of those emissions by replacing faulty equipment.

Series VI: Energy Conservation, 1960s-1990s

Volume: 1.5 LF
Arrangement: This series is arranged by format, and topically.
Formats: Correspondence
Manual (instructional materials)
Memorandum
Minutes
Condition: Good

Description: Environmental consciousness and budgetary mindfulness compelled the U.S. Army to develop an energy conservation strategy in stationary buildings and more broadly throughout command operations. This series documents U.S. Army Energy Conservation programs and their implementation by the Sixth U.S. Army. After employing surveys to assess and inventory problems, efforts were taken to reduce utility consumption through awareness and the installation of more efficient delivery systems.

Subseries A: Federal Registers, Regulations, and Manuals include notices from the Department of Energy and guidance for energy monitoring, conservation, and management. Regulations detail the implementation of lighting protection systems, and the sourcing of experimental ideas that harnessed solar energy for heating systems and modular domestic hot water systems.

Subseries B: Energy Conservation Management Plans and Programs at the Presidio of San Francisco are outlined in suggestions for conservation through the use electric vehicles; Energy Conservation Council meeting minutes; energy conservation management plans; fact sheets; comparative summaries and analysis of utility costs; and memoranda which discuss Energy Conservation Investment Program (ECIP) projects.

Subseries C: Surveys, Audits and Evaluations identified conservation needs by inventorying energy systems at the Presidio and its subposts, and are supplemented by surveys of operations, in Building 649, as well as the Central Energy Plant in Building 1040 and at the LAIR.

Series VII: Utilities, 1970s-1990s

Volume: 1.75 LF

Arrangement: This series is arranged topically, and by format.

Formats: Articles of agreement
Bills (invoices)
Contract
Correspondence
Manual (instructional materials)
Memorandum
Plan diagrams
Utilities plans

Condition: Good

Description: The U.S. Army focus on energy conservation necessitated the compilation and assessment of utility records available here. This series is comprised of data, contracts, and billing information relative to utility use—electricity, gas, steam

(boilers), water, and refuse collection—at the Presidio and its subposts at Fort Barry, Fort Baker and Fort Cronkhite..

Subseries A: Gas, Electric and Steam (Boilers) includes Pacific Gas & Electric (PG&E) Rate Book Holders Information on gas and electric service, as well as information regarding the acquisition of natural gas, and utility consumption data. Also included are floor plans and diagrams for electrical grids and light fixtures in buildings on the Presidio of San Francisco and at Letterman General Hospital.

Subseries B: Water records are comprised of meter readings, and water maps of the Presidio of San Francisco that include notations on family housing at United States Army Reserve (USAR) centers.

Subseries C: General and Mixed utility records provide information on gas, electric, water and refuse production and use at Sixth U.S. Army installations, specifically the Presidio of San Francisco, and Forts Baker, Barry and Cronkhite. Materials include meter readings; consumption and technical data; and utilities estimates for existing structures and proposed construction projects such as the Post Office, Commissary and Enlisted Barracks.

Subseries D: Contracts and Invoices include utility rate calculations; resale rates and sales summaries; support agreements; contracts and modifications; and billing and other account information for partner organizations, such as the Golden Gate National Recreation Area.

Subseries E: Studies, Surveys, Plans and Regulations document utility systems, the steam system and an emergency generator at Letterman General Hospital; provide analysis of general utility grids, infrastructure and existing facilities at the Presidio of San Francisco; and detail the procurement of utility services.

Series VIII: Water Quality Management, 1915-1990s

Volume: 9.75LF

Arrangement: This series is arranged by format, and topically.

Formats: Application
Correspondence
Manual (instructional materials)
Map
Memorandum
Permit
Plan (map)
Regulations

Condition: Good

Description: Water Quality Management orchestrated by the Sixth U.S. Army to comply with federal and state regulations required a comprehensive understanding of the water supply, distribution and treatment systems. This was achieved through studies and surveys which paved the way for multifaceted monitoring efforts undertaken concomitantly with upgrades to existing infrastructure and remediation efforts—all done to correct violations, qualify for permits, and successfully report to regulatory boards and programs. Included in this series are records which document infrastructure improvements, and water quality monitoring in compliance with Domestic Water Quality permit requirements. Additionally, activities on post focused on Sixth U.S. Army surveillance of post drinking and potable well water—particularly at Lobos Creek; the operation of water treatment facilities; and the mitigation of the combined effects of sewage, storm and waste water.

Subseries A: Regulations, Standards, Guides, and Manuals from the U.S. define protocols and water quality standards for water supply systems; the Clean Water Act and other drinking water requirements; the Domestic Water Quality and Monitoring program; surface water treatment; subsurface soil and groundwater; storm water and wastewater management, and the treatment of sewage; as well as the operation and maintenance of water treatment facilities.

Subseries B: Surveys, Consultations and Studies conducted by the U.S. Army Environmental Hygiene Agency and hired contractors evaluate the Presidio of San Francisco water supply in total, and focus on water quality engineering in wastewater, potable and recreation water, and groundwater to mitigate biological hazards and maximize efficiency. In addition, studies analyze sanitary sewers, storm drainage, and storm sewer outfalls at the Presidio and of the Marin Headlands.

Subseries C: Water Distribution materials include records on maintenance and repairs to the system and its reservoirs, as well as a comprehensive inventory of fire hydrants at the Presidio supplemented with flow tests and water analyses. Also included here are detailed project documents, manuals and installation information regarding the Cross-Connection Control Program, which installed back flow preventers into the distribution system.

Subseries D: Water Supply observations, facts and technical specifications—including details of the supply to the Public Health Service Hospital—show the complexity of water sources at the Presidio. Management of this diverse supply was refined by watershed projects, detailed here, to improve water quality. Also included here are status reports on these improvements, and information on the Large Water System Regulatory Fee Program.

Subseries E: Inspections, Violations and Compliance Orders from the California Regional Water Quality Control Board document the origins of water quality regulation at the Presidio of San Francisco. From these inspections and resultant violations and orders for compliance, the Sixth U.S. Army undertook measures to remediate lead and copper in post drinking water; contaminated sites near Presidio Buildings 231 and 937; and to keep the public informed of these violations and compliance work.

Subseries F: Conservation programs at the Presidio mirrored similar efforts in neighboring San Francisco, and were regulated by the U.S. Army Rationing Program. In addition, this series includes product information on low flush and marine toilets.

Subseries G: Water Quality Programs and Projects focus on surveillance, monitoring and treatment. In addition to various water projects intended to streamline and purify the water supply at the Presidio, the Drinking Water Surveillance and Domestic Water Quality and Monitoring Programs outlined here enacted a long-term monitoring program with correlated laboratory analyses which required monthly bacterial coliform, finished water turbidity, and comprehensive water reports, in addition to yearly fluoridation summaries included in this series. This information was then compiled into annual water quality reports and used to apply for Domestic Water Supply Permits, also included here.

A central focus for water quality monitoring on post was at Lobos Creek, and the groundwater and system of potable wells with which it was integrated. As reference points, the Sixth U.S. Army compiled historical background information and maps as it conducted bacteriological sampling and other improvements, such as dredging, vegetation and sediment removal. When threatened by the Richmond Transport Project (See Series IX) and the City and County of San Francisco 18th Avenue and Presidio Project 89.626E, efforts were made to qualify Lobos Creek as a Sole Source Aquifer. All of these activities are documented here in memoranda, management documents, laboratory results and reports, and clippings.

Subseries H: Water Treatment Plant operations are outlined in fact files production and consumption reports; operation manuals and operator certification; water testing and treatment catalogs and brochures; and water treatment regulations. Memoranda and correspondence document inspections; drinking water additives, such as Trihalomethane; as well as violations and compliance orders. As for the general water supply at the Presidio, the Water Treatment Plant submitted its own Domestic Water Supply Permit application, included here.

Subseries I: Sewage, Waste and Storm Water Management evaluations and management plans document the condition of Presidio of San Francisco sanitary sewers, the way in which storm water was distributed and managed through drainage systems, and the containment of sewage and waste water on post and in Marin. Specifically, the Presidio was called to address raw sewage discharges at Fort Barry, near Fort Baker and on the Presidio near Crissy Field. The Bay Pollution Storm Water Sampling Plan outlines monitoring efforts, and this series includes comprehensive summaries of North Shore Bacteria Monitoring from sewer outfalls in the late 1980s and early 1990s.

Series IX: Richmond Transport Project, 1980s-1990s

Volume: 2.25 LF
Arrangement: This series is arranged by format, and chronologically.
Formats: Articles of agreement
Base bid specification
Correspondence
Environmental impact statement
Map
Minutes
Newspaper clippings
Photograph
Plan (map)
Plan (report)
Progress schedules
Project file
Specification
Condition: Good

Description: This series contains project documents and environmental assessments from the Richmond Transport Project from 1980 through 1994. The Richmond Transport Project constructed a tunnel in the northwest portion of San Francisco that transected areas of the Golden Gate National Recreation Area, Lincoln Park, the Seacliff neighborhood and the Presidio of San Francisco. The main feature of the project was a 10,200-foot-long tunnel that transports and stores wastewater and stormwater flows. The 14-foot-diameter tunnel functions as a 10-million gallon holding facility for combined sewer/stormwater flows until they can be diverted to the Westside Transport system for treatment and disposal. Overflows are diverted to the Mile Rock Outfall Tunnel.

Subseries A: Correspondence and References document progress in the Richmond Transport Project from its inception in 1980 through 1994. Also included in this series are clippings from newspaper and magazine articles which monitor the response of San Franciscans to the project.

Subseries B: Project Agreements, Meetings, and Documents show compliance with Section 106 Historic Preservation requirements, and detail the responsibilities of the National Park Service, the U.S. Army and the City and County of San Francisco. Weekly meetings, briefings and reports offer detailed insight into how the project progressed, while photographs, maps and plans, and project specifications clarify project stages and goals.

Subseries C: Environmental Impact Monitoring focused mainly on Lobos Creek in compliance with the San Francisco Clean Water Program, and included here are baseline water quality monitoring and bacteriological results. In addition, environmental impact statements assessed the project in total and resulted sedimentation and erosion control, and dewatering / groundwater mitigation. Finally, assessments led to a Finding of No Significant Impact (FONSI).

Series X: Project Statements and Environmental Impact Assessments, 1980s-1990s

Volume: 1.5 LF

Arrangement: This series is arranged topically, and chronologically.

Formats: Environmental Impact Statements
Plan (report)
Specification

Condition: Good

Description: As part of the Sixth U.S. Army effort to comply with environmental regulations and preclude damage from new construction or the implementation of new operations, environmental impact assessments were conducted. This series features specifications for construction or demolition activities on post, and the environmental impact assessments that precluded breaking ground on such projects as the construction of a bowling alley, a post office, a commissary and barracks buildings at the Presidio.

Subseries A: Guidance Materials include procedures for reviewing Environmental Impact Statements written prior to construction projects.

Subseries B: Projects and Environmental Assessments conducted by the Sixth U.S. Army and included here document the following projects: a Groundwater Treatment Facility; a Chlorine Storage Building at the Treatment Plant in the Sausalito-Marín City Sanitary District; a Presidio Indoor Swimming Pool; the Presidio Station; the Presidio Post Office; the Presidio Bowling Center; the Construction and Relocation of the Commissary; and Thompson Hall and Proposed Barracks Buildings 098, 119, and 124; a Proposed Motor Pool Upgrade. In addition, environmental assessments were conducted for Presidio of San Francisco On-Going Activities and Implementation of the Master Plan, as

well as Future Development Plans; and the Proposed Realignment of Forces at the Presidio and at Department of Defense Health Care Facilities in the San Francisco Bay Region.

Series XI: Land Management, 1960s-1990s

Volume: 1 LF
Arrangement: This series is arranged by format, and topically.
Formats: Manual (instructional materials)
Map
Official report
Plan (map)
Survey
Condition: Good

Description: Land Management incorporates an array of materials relative to facilities engineering, which includes construction and infrastructure improvements, and land use. Also addressed is U.S. Army compliance with historic preservation standards in the design and implementation of ideas for future land use. This series documents land management activities at the Presidio and subposts in the Marin Headlands through land use studies and occupancy information, as well as design plans and historic preservation documentation.

Subseries A: Maps and Plans include basic reservation maps of the Presidio of San Francisco, Fort Mason, and Forts Baker, Barry and Cronkhite, as well as maps that detail real estate at these locations. Also included are plans which document the bed capacity of Letterman General Hospital and the PSF Armory and Vehicle Storage Buildings, and geomorphic maps of California.

Subseries B: Regulations and Manuals in this series provide instruction for facilities engineering and general construction activities, and include an economic analysis of housing alternative concepts. In addition, guidance is provided for railroad track and pavement maintenance.

Subseries C: Land Use and Site Information materials document management of the San Francisco National Cemetery by the Veterans Administration, a Signal Plan for Fort Mason by the Golden Gate National Recreation Area, as well as the occupancy and use of buildings. Activities such as these were guided by the Master Plan Building Information Schedule and directed by the Presidio of San Francisco Design Guide, which correlated with Corps of Engineers Design Criteria that are also included here.

Subseries D: Historic Preservation efforts on post resultant of the National Historic Preservation Act (NHPA) include the Presidio of San

Francisco National Historic Landmark District American Buildings Survey Report from 1985, and the Presidio of San Francisco Historic Structures Adaptive Reuse Study in 1989. Technical manuals, Presidio regulations and historic structure surveys further guided preservation efforts and are also included here.

Series XII: Natural Resources and Pest Management, 1970s-1990s

Volume: 1.25 LF
Arrangement: This series is arranged by format, and topically.
Formats: Correspondence
Manual (instructional materials)
Minutes
Plan (report)
Condition: Good

Description: This series pertains to Natural Resource and Pest Management, and includes information on forest and wildlife management at a U.S. Army installation with on-going activities which pose harm to flora and fauna; materials include federal regulations, U.S. Army manuals, and correspondence from political action groups. Also addressed is the post approach to pest management, an integral facet of which included the closely monitored use of pesticides.

Subseries A: Regulations, Manuals and Guides cover the establishment of herbaceous ground cover; the planting and establishment of trees, shrubs, ground covers and vines; guidelines for terrestrial ecosystem surveys; and also instruct U.S. Army installations in larger Natural Resources concepts of land management, outdoor recreation and cultural values, as well as land, forest and wildlife management. Additional regulations consider the effects of tactical and tracked vehicles, as well as other training exercises, on natural resources and higher vertebrate populations. Also included here is a resource and curriculum guide to the Marin Headlands, and data relative to the Morgan Hill Earthquake of 1984 and weather at the Presidio and the surrounding San Francisco Bay Area.

Subseries B: Resource Management was conducted through broad Natural Resource Management Plans that outline goals and establish priorities. These were bolstered by specialized plans, surveys and projects such as the Coast Zone Management Plan; a plan to protect endangered and threatened plants, such as the Ravens Manzanita; a Contingency Action Plan to restore Crissy Field; and the Aquatic Plant Control Research Program. At the Presidio of San Francisco, particular attention was paid to Forest Management due to forest density on post. Also included are records from an advisory council that helped

to direct management, and interfaced with the neighboring community and political action committees, such as the Sierra Club.

Subseries D: Pest Management materials include U.S. Army Environmental Hygiene Agency studies, as well as outdoor pest control program inventories and reports.

Subseries E: Pesticides are an integral facet of pest management, and this series is comprised of pesticide profiles and information on the use of these chemicals, as well as a record of sampling efforts to monitor pesticides in California well water.

Series XIII: Presidio of San Francisco Base Realignment and Closure, 1970s-1990s

Volume: 1.25 LF

Arrangement: This series is arranged by format, and topically.

Formats: Agreement
Correspondence
Environmental Impact Statement
Memorandums
Newspaper clippings

Condition: Good

Description: This follows Base Realignment and Closure (BRAC) which eventually closed the Presidio of San Francisco and transferred the land to the Golden Gate National Recreation Area in 1994. This process is documented in project meetings, specifications, and administration records, and also includes environmental monitoring reports that largely focus on the water quality of Lobos Creek.

Subseries A: Base Closure Administration records document official base closure visits; memoranda which address the potential relocation of occupants to other facilities—specifically the 91st Infantry Division and the Marine Mammal Center in Marin—and the cemetery at the Public Health Service Hospital; and also include National Environmental Protection Act (NEPA) compliance regulations for BRAC activities.

Subseries B: Public Hearings, Committees and Boards informed the neighboring community and interested parties of transitional activities, such as remediation efforts. The Arms Control Research Center held two conferences on the Fate of the Presidio to plan for future use, and materials generated at those conferences are included here. The Sixth U.S. Army Environmental Quality Board held scoping meetings to allow public comment on Environmental Impact Statements, as did the San Francisco Planning Commission. Minutes

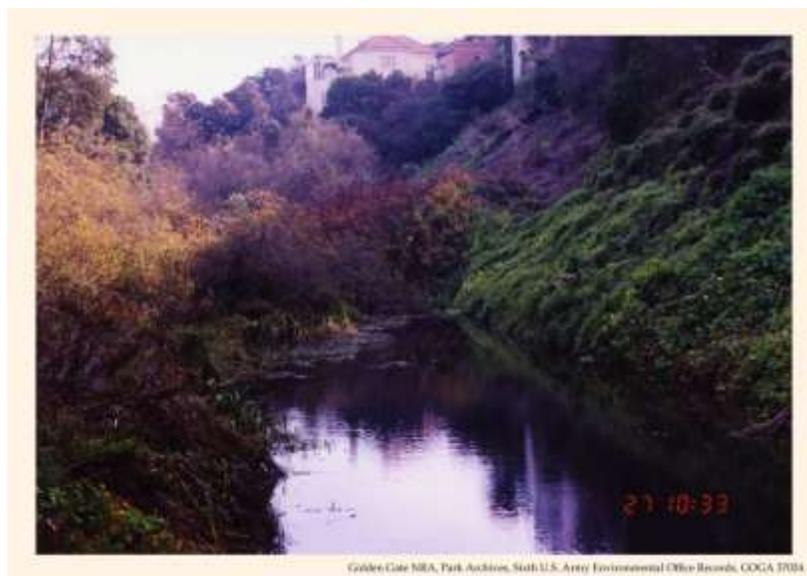
from these meetings are included here, as is correspondence from congressional inquiries into BRAC remediation activities.

Subseries C: Interagency Agreements between the U.S. Army and the National Park Service clearly delineate transitional responsibilities for both agencies.

Subseries D: Environmental Impact Statements on Base Closure are included in incremental drafts.

Subseries E: Remedial Investigations and Site Cleanup as stipulated by BRAC agreements are also included in increment drafts.

Box and Folder List



Box #	Folder #	Description and Dates
		Series I: Administrative Files
		<i>Subseries A: General Post Information and Environmental References</i>
1	1	Presidio of San Francisco General History
	2	Presidio of San Francisco General History—Maps
	3	Presidio of San Francisco General History—Slides
	4	News Clippings
	5	News Clippings
	6	Presidio of San Francisco Staff Directories
	7	Sixth (6 th) U.S. Army Continental Army Management System
	8	California Site Mitigation Decision Tree, June 1985
		<i>Subseries B: Correspondence, Messages and Meetings</i>
	9	FORSCOM [Forces Command] Environmental Messages and Letters, 1978
	10	FORSCOM [Forces Command] Environmental Messages and Letters, 1979
	11	Correspondence and Messages
	12	Correspondence and Messages

	13	Hazardous Waste Correspondence
	14	Pest Management Correspondence
	15	DRMO Alameda Environmental Coordination Meeting Minutes
		<i>Subseries C: Environmental Conferences, Training and Events</i>
	16	Sixth U.S. Army Environmental Conference
	17	Sixth U.S. Army Environmental Conference
	18	Environmental Training Program, 1977-1979
	19	“Project Ditto”: Environmental Awareness Training
	20	Training Course Pamphlets
	21	CERCLA (Comprehensive Environmental Response, Compensation and Liability Act) Superfund Site Assessment Requirements for Federal Facilities—Training Course Materials
	22	Awards Programs
	23	Presidio Environmental Day
	24	Presidio Environmental Education Brochures
		<i>Subseries D: Environmental Briefs, Newsletters and Regulations</i>
	25	FORSCOM NEPA (National Environmental Policy Act)
	26	Environmental Alerts and Statues
	27	Environmental Newsletters
	28	Environmental Briefs and Instructions
	29	Environmental Regulations—General
		<i>Subseries E: Computer Program Manuals</i>
2	1	Computer Program Descriptions and User Guides
	3	Computer Program Descriptions and User Guides
	4	Planning Information Program Manuals
	5	Planning Information Program Manuals
	6	Planning Information Program Manuals
	7	Planning Information Program Manuals
	8	Planning Information Program Manuals
	9	Economic Impact Forecast System (EIFS) Technical Reports
	10	Environmental Impact: Rational Threshold Value (RTV) Technical Report
	11	Environmental Impact Computer Program Manuals
	12	Guild Theory Development as a Mechanism for Assessing Environmental Impact, 1981
	13	Environmental Technical Information System Manual
		<i>Subseries F: Environmental Programs</i>
	14	Environmental Program Management
	15	Environmental Program Management—Environmental Assessment Guidance
	16	Miscellaneous Environmental Program Documents
	17	General Environmental Program Overview and Updates
	18	FORSCOM Environmental Audit Program
	19	Environmental Pollution Prevention, Control and Abatement Reports, 1975-1992
	20	Environmental Pollution Prevention, Control and Abatement Reports, 1975-1992

	21	FORSCOM Status Reports on Environmental Programs and Activities, 1975-1978
	22	FORSCOM Environmental Fact Sheets, 1976-1978
	23	Inspector General Standard Remarks (Bank Book), Headquarters Sixth U.S. Army, PSF, 1979
	24	FORSCOM [Forces Command] Annual General Inspection [AGI]
	25	Annual General Inspections: Environmental and Energy Conservation Program, 1976-1977
	26	Annual General Inspections: Environmental and Energy Conservation Program, 1978-1979
	27	Inspector General Findings, FORSCOM, 1978-1980
3	1	Environmental Compliance Program
	2	Compliance with Sierra Club Settlement—Funds, 1986-1987
	3	Army Environmental Compliance (AEC) Program Laboratory Analytical Services, 1989-1993
	4	Miscellaneous Contracted Lab Services
	5	Environmental Compliance Assessment—Monitoring Report
	6	Environmental Compliance Assessment System (USA ECAS)
	7	Environmental Compliance Assessment System (USA ECAS)
	8	Environmental Compliance Assessment System (USA ECAS)
	9	Defense Environmental Restoration Program, FY 1992
	10	Defense Environmental Restoration Program Management Information System [DERPMIS]
	11	Resource Recovery and Recycling
		<i>Subseries G: Administrative Record of Environmental Issues</i>
	12	Administration Record Re: Environmental Issues at PSF, FOBK, FOBR, FOCR, CAM Parks and GGNRA
	13	Administration Record Re: Environmental Issues at PSF, FOBK, FOBR, FOCR, CAM Parks and GGNRA
	14	Administration Record Re: Environmental Issues at PSF, FOBK, FOBR, FOCR, CAM Parks and GGNRA
	15	Administration Record Re: Environmental Issues at PSF, FOBK, FOBR, FOCR, CAM Parks and GGNRA
	16	Administration Record Re: Environmental Issues at PSF, FOBK, FOBR, FOCR, CAM Parks and GGNRA
	17	Administration Record Re: Environmental Issues at PSF, FOBK, FOBR, FOCR, CAM Parks and GGNRA
	18	Administration Record Re: Environmental Issues at PSF, FOBK, FOBR, FOCR, CAM Parks and GGNRA
	19	Administration Record Re: Environmental Issues at PSF, FOBK, FOBR, FOCR, CAM Parks and GGNRA
	20	Command Logistics Review Program (CLRP) Standards and Criteria
	21	Listing of USA-CERL Fact Sheets
		Series II: Occupational Safety and Health, Environmental Noise
		<i>Subseries A: Occupational Health and Safety Surveys</i>

4	1	Occupational Safety and Health Command Report—Industrial Hygiene Surveys
	2	Occupational Safety and Health Command Health Report—DFAE Safety Committee
	3	Occupational Health Surveys—U.S. Army Environmental Health Agency (USAEHA)
	4	Sanitary Engineering Follow-up Survey: 40 th Artillery Brigade Missile Sites—PSF, BBC
	5	U.S. Army Environmental Hygiene Agency (USAEHA) Environmental Sanitation Survey—Letterman General Hospital (LGH)
	6	U.S. Environmental Hygiene Agency [USAEHA] LGH/LAMC Industrial Hygiene Survey
		<i>Subseries B: Radioactive Material</i>
	7	U.S. Army Environmental Hygiene Agency (USAEHA) LAMC and U.S. Army Dental Activity
	8	U.S. Army Environmental Hygiene Agency (USAEHA) Radiation Protection Survey—LGH/LAMC
	9	LAMC Request to use Radioactive Material
		<i>Subseries C: Smoking Cessation</i>
	10	Tobacco Cessation and Smoking Areas, PSF
		<i>Subseries D: Indoor Firing and Rifle Ranges</i>
	11	U.S. Army Environmental Hygiene Agency (USAEHA) Surveys of Converted Indoor Firing Ranges
	12	Inspection and Evaluation of U.S. Army Indoor Firing Ranges
	13	Rifle Range, Fort Barry
		<i>Subseries E: Environmental Noise</i>
	14	Noise Information and Manuals
	15	Noise Information and Manuals
	16	OSHA Federal Register: Occupational Noise Exposure
	17	Environmental Noise and Vibration Regulation
	18	Impulse Noise Contours / Acquisition and Evaluation of Operational Blast Noise Data, 1974-1975
	19	LAIR Noise Simulation Testing: Battery Howe Wagner, 1983
		Series III: Hazardous Material and Waste Management
		<i>Subseries A: Regulations, Reference Books, Guidelines and Manuals</i>
	20	EPA (Environmental Protection Agency) Hazardous Waste Regulations
	21	EPA (Environmental Protection Agency) Hazardous Waste Regulations
	22	EPA (Environmental Protection Agency) Hazardous Waste Regulations
	23	Executive Environmental and Hazardous Material Seminar Reference Book, August 1988
	24	Defense Hazardous Materials Handling Course—Reference Book
	25	Workbook for Defense Hazardous Materials Handling Course
	26	U.S. Army Hazardous Materials Manuals
	27	U.S. Army Hazardous Materials Manuals
5	1	PSF Regulation 200-1: Hazardous Waste Management, with Reviews

	2	PSF Regulation 200-1: Hazardous Waste Management, with Reviews
	3	PSF Regulation 420-47: Hazardous Waste Management
	4	USAG PSF Regulation 420-47: Environmental Quality—Hazardous Waste Management
	5	U.S. Army Environmental Hygiene Agency (USAEHA) Waste Disposal Instructions, January 1992
	6	California Department of Health Services Hazardous Material Management Guidelines
	7	California Department of Health Services Hazardous Material Management
	8	Material Safety Data Sheets—Guidance Information
	9	Material Safety Data Sheets
	10	Material Safety Data Sheets
		<i>Subseries B: Hazardous Materials and Waste Management Program</i>
	11	WRAMC Compliance with the Resource Conservation and Recovery Act (RCRA)
	12	PWC SANFRAN San Francisco Bay Area Hazardous Waste Management Committee Meetings
	13	PWC San Francisco Bayfund Status Report, 1982
	14	Alameda Defense Property Disposal Office Actions
	15	Miscellaneous Hazardous Materials Documents
	16	PSF Hazardous Waste Management Program
	17	Hazardous Material / Hazardous Waste Management
	18	Hazardous Waste Management
	19	Hazardous Waste / Material Removal and Management
	20	Hazardous Waste Biennial Report Documents and Miscellaneous Papers
	21	Blank Hazardous Waste Reporting Forms
	22	Letterman Army Medical Center (LAMC) Quarterly Precious Metals Reports
	23	Hazardous Waste Management Program—Updates, 1994
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	7	Photographic Slides of Hazardous Waste Locations, PSF
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	16	Hazardous Waste Work Orders
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	21	Hazardous Materials / Waste Site Inspection Checklists
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	4	Disposal of Excess and Spent Hazardous Chemicals, 1981-1982
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	2	Facilities Engineering: Maintenance and Repair Technical Notes—Polychlorinated Biphenyls (PCBs)
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	12	Asbestos Abatement Surveys and Removal
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	18	Bay Area Air Quality Management District: Rules and Regulations
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	25	BAAQD (Bay Area Air Quality Management District) Permit Fees
10	1	BAAQD (Bay Area Air Quality Management District) Permits
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	5	Richmond Transport Project: Meeting Minutes
	6	Richmond Transport Project: Weekly Meetings
	7	Richmond Transport: Project Agenda Briefing, July 1993
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	9	Richmond Transport: Project Documents
	10	Richmond Transport Facilities Project #7179E: Photographs of East Portal Area
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	13	Richmond Transport Project: Plans and Diagrams
	14	Richmond Transport Project: Specifications—Technical Provisions, Tunnel Construction 95% Design Submittal, October 1992
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	16	Richmond Transport Facilities: Special Provisions Specification No. 7179E—Volume 2 of 3: Specifications, December 1992
	17	Richmond Transport / Storage Facilities: Special Provisions Specification No. 7179E Plan, 95% Submittal, December 1992
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	7	Richmond Transport Project: Environmental Compliance Monitoring
	8	Draft Environmental Impact Report: Richmond Transport Project, 1989
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	13	Baseline Water Quality Monitoring: Richmond Transport—Lobos Creek
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	21	Procedures for Reviewing Environmental Impact Statements for Construction Projects, 1975
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	22	Partial Bid Package: Groundwater Treatment Facility
	23	Preliminary Planning Report Circulation Summary—Golden Gate Energy Center (GGEC)
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	25	PSF Orthophotographic Map, 1980
	25A	PSF and BBC Maps
	26	EFB General Site Map
	27	BBC Map: Army Land Use / GGNRA, 1974
	28	FOMA General Site Maps
	29	LGH 500-Bed Hospital Plan
	30	PSF Armory and Vehicle Storage Bldgs for ORC Maps, 1950
	31	PG&E Proposed Construction: PSF Plan / Map, 1975
	32	EFB Real Estate Map, 1975
	33	Geomorphic Map of California
	34	Geologic Map of the Flatland Deposits of the San Francisco Bay Region
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25	1	Cost Estimating for Military Programming: Construction, 1980
	2	Development of a Railroad Track Maintenance Management System for Army Installations: Initial Decision Report
	3	Pavement Maintenance Management for Roads and Parking Lots, October 1981
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	17	Vacant PSF Buildings, 1994
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	19	National Historic Preservation Act Compliance
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	19	Forest Management Plan: Presidio and East Fort Baker, 1984
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	22	Forest Management Advisory Council, 1982
	23	Presidio Forest Management Advisory Council Meeting
	24	Tree Work Correspondence, 1980-1993
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	27	Coast Zone Management Plan: SF Bay Area, 1976
	28	San Francisco Harbor and Bay Removal of Sources of Drift and Debris, 1976-1977
	29	Aquatic Plant Control Research Program, 1979
	30	Endangered and Threatened Plants: Ravens Manzanita Recovery
	31	Bat Survey of Presidio Buildings Scheduled for Demolition, 1993
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	37	Outdoor Pest Control Program, 1993
	38	Pest Control Reports and Inventories
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	39	Pesticide Information and Decontamination Procedures
	40	U.S. Army Environmental Hygiene Agency (USAEHA) Pesticide Monitoring Studies
27	1	State of California Department of Food and Agriculture Pesticide Registration Number Book
	2	Pesticides
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		<i>Subseries A: Base Closure Administration</i>
	5	DEH Base Closure Files Master List
	6	Base Closure Visits, 1989
	7	DEH Briefing: PSF Base Closure
	8	Relocation of Occupants: Base Closure

	9	Public Health Service Hospital: Cemetery
	10	NEPA (National Environmental Protection Act) Compliance: Army Base Realignment and Closure
	11	GGNRA Natural Resource Preservation
	12	USATHAMA (U.S. Army Toxic and Hazardous Materials Agency) Base Closure Environmental Restoration Program
	13	USATHAMA (U.S. Army Toxic and Hazardous Materials Agency) Base Closure Environmental Restoration Program
	14	Environmental Impact Statement Administration (EIS) Administration
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	15	Base Closure Congressional Inquiry: Environmental
	16	Arms Control Research Center: Fate of the Presidio I
	17	Arms Control Research Center: Fate of the Presidio II
	18	Public Hearings
	19	Sixth [6 th] Army Environmental Quality Board
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	21	San Francisco Planning Commission Hearing on PSF EIS
		<i>Subseries C: Interagency Agreements</i>
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	23	Base Closure Interagency Agreements
	24	Base Closure Interagency Agreements
	25	Federal Facilities Site Remediation Agreement for Army Presidio of San Francisco
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	27	Environmental Obligations / Requirements: Base Closure Interagency Agreements
	28	State Quarterly Reports for the Defense and State Memorandum of Agreement / Cooperative Agreement (DSMOA / CA) Program
	29	California Department of Toxic Substances Control (DTSC) Cooperative Agreement Quarterly Activities Reports
28	1	California Department of Toxic Substances Control (DTSC) Cooperative Agreement Quarterly Activities Reports
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	3	Preliminary Draft: Environmental Impact Statement—Base Closure of the PSF, January 1990
	4	Preliminary Draft: Environmental Impact Statement—Base Closure of the PSF, January 1990—Response to Comments
	5	Draft Base Closure Environmental Impact Statement for PSF, August 1990
	6	Presidio of San Francisco Base Closure Final Environmental Impact Statement, May 1991
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		<i>Subseries E: Remedial Investigations and Site Cleanup</i>
	10	Remedial Investigation / Feasibility Study Technical Plan: Final Draft, 1989
	11	Site Cleanup Requirements, PSF
	12	PSF Remedial Investigation Report
	13	Responses to Comments on Draft Final Main Installation Remedial Investigation (RI) Report, 1993
	14	BRAC Cleanup Plan, November 1995
	15	BRAC Cleanup Plan: Appendix, November 1995
		Oversized Materials
29 (20x24) [Old 1]	1	Oversized materials separated from boxes 1-28; referred to as OS 20x24 Box 1 in Separation Sheets.
	2	Oversized materials separated from boxes 1-28; referred to as OS 20x24 Box 1 in Separation Sheets.
30 (16x20) [Old 2]	1	Oversized materials separated from boxes 1-28; referred to as OS 16x20 Box 2 in Separation Sheets.
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	3	Oversized materials separated from boxes 1-28; referred to as OS 16x20 Box 2 in Separation Sheets.
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	5	Oversized materials separated from boxes 1-28; referred to as OS 16x20 Box 2 in Separation Sheets.
	6	Oversized materials separated from boxes 1-28; referred to as OS 16x20 Box 2 in Separation Sheets.
	7 (9)	Oversized materials separated from boxes 1-28; referred to as OS 16x20 Box 2 in Separation Sheets.
	8 (10)	Oversized materials separated from boxes 1-28; referred to as OS 16x20 Box 2 in Separation Sheets.
31 (16x20) [Old 3]	1	Oversized materials separated from boxes 1-28; referred to as OS 16x20 Box 3 in Separation Sheets.
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	4	Oversized materials separated from boxes 1-28; referred to as OS 16x20 Box 3 in Separation Sheets.
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	6	Oversized materials separated from boxes 1-28; referred to as OS 16x20 Box 3 in Separation Sheets.
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	2	Oversized materials separated from boxes 1-28; referred to as OS Folder 2 in Separation Sheets.
	3	Oversized materials separated from boxes 1-28; referred to as OS Folder 3 in Separation Sheets.
	4	Oversized materials separated from boxes 1-28; referred to as OS Folder 4 in Separation Sheets.
	5	Oversized materials separated from boxes 1-28; referred to as OS Folder 5 in Separation Sheets.
	6	Oversized materials separated from boxes 1-28; referred to as OS Folder 6 in Separation Sheets.
	7	Oversized materials separated from boxes 1-28; referred to as OS Folder 7 in Separation Sheets.

Appendices

1. Abbreviations

ADPWEE:	U.S. Army Directorate of Public Works Environmental Office
AEC:	Army Environmental Compliance
AGI:	Annual General Inspection
BAAQD:	Bay Area Air Quality Management District
BBC:	Forts Baker, Barry and Cronkhite
Bldg:	Building
BRAC:	Base Realignment and Closure
CA:	California
CA:	Cooperative Agreement
CCSF:	City and County of San Francisco
CERL:	Construction Engineering Research Laboratory
CERCLA:	Comprehensive Environmental Response, Compensation and Liability Act
CLRP:	Command Logistics Review Program
CMMC:	California Marine Mammal Center, Fort Cronkhite
CONUS:	Continental United States
DA:	Department of the Army
DEH:	U.S. Army Directorate of Engineering and Housing
DERPMIS:	Defense Environmental Restoration Program Management Information System
DFAE:	Directorate of Facilities and Engineering
DOD:	Department of Defense
DOI:	Department of the Interior
DSMOA:	Defense and State Memorandum of Agreement
DTSC:	Department of Toxic Substances Control
EAS:	Environmental Assessment
ECIP:	Energy Conservation Investment Program
EFB:	East Fort Baker
EIFS:	Economic Impact Forecast System
EIS:	Environmental Impact Statement
EPA:	Environmental Protection Agency
FH:	Family Housing
FOBK:	Fort Baker
FOBR:	Fort Barry
FOMA:	Fort Mason
FOPO:	Fort Point
FORSCOM:	Forces Command
FONSI:	Finding of No Significant Impact

GGNRA: Golden Gate National Recreation Area

LAIR: Letterman Army Institute of Research
LAMC: Letterman Army Medical Center
LGH: Letterman General Hospital

MOA: Memorandum of Agreement
MOU: Memorandum of Understanding

NACOSH: National Advisory Committee on Occupational Safety and Health
NEPA: National Environmental Protection Act
NHPA: National Historic Preservation Act
NPS: National Park Service

OCONUS: Outside the Continental United States
OSHA Occupational Safety and Health Act of 1970

PAC: Political Action Committee
PAS: Preliminary Assessment Screening
PG&E: Pacific Gas and Electric
PHSH: Public Health Service Hospital
POL: Petroleum, Oil, and Lubricants
PSF: Presidio of San Francisco

RCRA: Resource Conservation and Recovery Act
Reg Regulation
RI: Remedial Investigation
RTV: Rational Threshold Value

SF: San Francisco
SOP: Standing Operating Procedure
Specs.: Specifications

TM: Technical Manual

USAEHA: United States Army Environmental Hygiene Agency
USARC: United States Army Reserve Center
USATHAMA: United States Army Toxic and Hazardous Materials Agency
USPHSH U.S. Public Health Service Hospital

WRAMC: Walter Reed Army Medical Center